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Via E-mail Transmission December 2, 2013

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Central Valley Regional Water Quality Control Board
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Re: CSPA and CWIN Comments on Proposed Waste Discharge Requirements for Discharges From Irrigated Lands Within the Western San Joaquin River Watershed

Dear Dr. Hartman,

Thank you for this opportunity to comment on the proposed waste discharge requirements for discharges from irrigated lands within the Western San Joaquin River Watershed (hereinafter the "Proposed WDRs"). These comments are submitted on behalf of California Sportfishing Protection Alliance ("CSPA") and California Water Impact Network ("C-WIN") (collectively "CSPA"). Once again, the Regional Board has proposed a water pollution control regimen that unrealistically relies on a convenient fiction that regional monitoring can provide a technically sound basis for curtailing and preventing widespread pollution discharges by the 3,100 farms discharging polluted irrigation water and storm water flows to the San Joaquin River and a number of its tributaries. The data collected thus far only proves the folly of a control program that relies exclusively on not looking directly at the individual discharges causing the problem and hoping to "regulate" from a distance. As expert hydrogeologist Steven Bond comments, the data collected by the Westside Coalition to date on Orestimba Creek prove that there are no correlations in the receiving water quality measured in the creek's two monitoring stations that are about five miles apart. This is indisputable evidence that downstream monitoring stations cannot and do not measure water quality occurring five miles upstream. It also is indisputable that neither station can determine water quality either in-stream or from individual discharges for the many miles of surface waters upstream of these locations.

Staff proposes that the Regional Board continue to water down this critical regulatory program based on the unreasonable fears of this large and relatively

well-off community of chronic pollution dischargers because they don't want to air the dischargers' dirty laundry in public or in response to an unreasonable fear of being sued by third-parties. One cuts against the basic tenet of every other water quality control program managed by the Board and the other indicates a profound misunderstanding of the enforcement opportunities presented by the Water Code. Likewise, perhaps similar to every other regulated industry in the State, Regional Board staff hides behind a rhetoric of poverty or the dischargers' refrain that they are "price takers" and not "price makers." The simple fact is that the massive amounts of pollution impairing this portion of the San Joaquin River watersheds are dumped into the State's waterways by a multi-billion dollar industry that has accrued substantial profits for the last decade even while bemoaning the modest costs of the current waiver program. Slightly more than 1,100 dischargers control 470,000 irrigated acres, or about 94 percent of the 500,000 acres of irrigated lands to be governed by the Proposed WDRs. These large farms on average are over 400 acres in size. And, although one must extrapolate from county-wide data because of the lack of information gathered by staff, these large farms likely generate billions of dollars in net profits within the WDR area. Staff has failed to articulate any evidence demonstrating that farm-specific monitoring and more direct control over the west-side dischargers involve unreasonable costs. Nor does staff present the Board with sufficient evidence to make the findings necessary to authorize, as staff proposes, degradation of every surface and groundwater throughout the WDR area, signaling the Regional Board's wholesale retreat from carrying out its duty to protect surface and ground water quality when well-heeled farmers are the polluters. CSPA requests that the Regional Board reject the Proposed WDRs and send the proposal back to staff to incorporate appropriate farm-specific discharge and receiving water monitoring, adequate groundwater monitoring, a commitment to preventing degradation of all high quality waters, and to make all reports and plans prepared pursuant to the WDRs available to the public and, in the case of key management plans, subjected to review and approval through the Regional Board's public, decision-making procedures.

A. As Proposed, The Order Would Not Waive Filing of Reports of Waste Discharge By All Dischargers Within the WDR Area.

If the intent is for the Regional Board to maintain the waiver of reports of waste discharge ("RWD"), the Regional Board must comply with Water Code Section 13269, including circulating a proposed waiver to the public for review and comment and making sure the Board has sufficient evidence to make the requisite findings. Although the Regional Board "may prescribe requirements although no discharge report has been filed[,]" that provision does not exempt any discharger from submitting the report of waste discharge mandated by Water Code § 13260. Water Code § 13263(d).

The requirement to file a report of waste discharge is comprehensive:

> (a) Each of the following persons shall file with the appropriate regional board a report of the discharge, containing the information that may be required by the regional board: (1) A person discharging waste, or proposing to discharge waste, within any region that could affect the quality of the waters of the state, other than into a community sewer system.

Water Code § 13260(a)(1). The only exception to submitting a RWD for a person discharging waste is if the Regional Board issues a conditional waiver pursuant to Water Code § 13269:

> (b) No report of waste discharge need be filed pursuant to subdivision (a) if the requirement is waived pursuant to Section 13269.

Water Code § 13260(b). Staff's information sheet appears to assume that by issuing general WDRs, the dischargers within the covered area need not file the RWD required by Section 13260. Information Sheet, p. 37. Water Code § 13263(d) provides no such exemption. Indeed, by its plain terms, it merely emphasizes that the RWD requirement applicable to each discharger is separate and distinct from the WDR requirement applicable to the Regional Board. The distinctness of the two provisions is demonstrated by the waste discharge prohibitions set forth in Water Code § 13264. Section 13264 provides that:

> (a) No person shall initiate any new discharge of waste or make any material changes in any discharge, or initiate a discharge to, make any material changes in a discharge to, or construct, an injection well, prior to the filing of the report required by Section 13260 and no person shall take any of these actions after filing the report but before whichever of the following occurs first:
> (1) The issuance of waste discharge requirements pursuant to Section 13263.
> (2) The expiration of 140 days after compliance with Section 13260 if the waste to be discharged does not create or threaten to create a condition of pollution or nuisance and any of the following applies: [describing various CEQA scenarios and associated timelines…]
> (3) The issuance of a waiver pursuant to Section 13269.

Water Code § 13264(a). Thus, it is clear that filing a RWD is a separate and distinct duty from the Board's issuance of WDRs. Indeed, the discharge prohibition is complete prior to the filing of an RWD even where a WDR is issued. Second, the only way to avoid the discharge prohibitions ***after the filing of a RWD*** is the issuance of WDRs or a waiver. Given this requirement, WDRs cannot be read to exempt RWDs.

The only exemption to the RWD requirement is the issuance of a waiver pursuant to Water Code § 13269. Because the current action items do not propose to issue a waiver of the Section 13260 RWDs for any of the irritated lands dischargers in the WDR Area, every discharger will still have to file an RWD, including the monitoring and other information already required by the Regional Board. CSPA believes that RWDs would go a long way toward curing the farm-specific data gap that the WDRs propose to maintain.

B. The Regional Board Has No Authority To Deputize Third-Parties To Hold Section 13267 Reports For The Regional Board And Insulate The Reports From Public Disclosure.

Despite the availability of electronic reporting and other efficient methods of handling large numbers of reports and data, Board staff once again propose that irrigated lands dischargers to be allowed to keep their management practices to themselves and the third-party coalition, rather than the Regional Board and the rest of the interested public. Proposed WDRs, p. 28.

The Farm Evaluation Reports ("FERs") are one of the reports proposed by the WDRs pursuant to Section 13267 authority. *Id*., p. 9. Water Code § 13267 does not authorize the Regional Board to order reports to be submitted to any entity other than the Board. Nor is there any authority in the Water Code authorizing the Regional Board to designate third parties to manage 13267 reports on behalf of the Regional Board. Section 13267 authorizes the Regional Board to require that dischargers "***shall furnish***, under penalty of perjury, technical or monitoring program reports which the regional board requires." Water Code § 13267(b)(1) (emphasis added). "In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person ***to provide the reports***." *Id*., § 13267(b)(1) (emphasis added). Lastly, Section 13267 expressly preserves dischargers' trade secrets when providing the reports to the Regional Board, emphasizing however, that "these portions of a report shall be available for use by the state or any state agency in judicial review or enforcement proceedings involving the person ***furnishing the report***." *Id*., § 13267(b)(2) (emphasis added).

Nothing in Section 13267's provisions suggests or implies that the Regional Board can order a discharger to provide a report to a third-party, either for safe-keeping or any other reason. It is untenable that "furnishing" or providing a report under 13267 is intended to be to any other entity but a regional board. Perhaps most obviously, the language regarding trade secrets would hardly be relevant if Section 13267 anticipated that the authorized reports would be furnished to a private entity rather than a public agency, *i.e.* the relevant regional board. More importantly, by deputizing third-parties to retain 13267 reports like

the FERs, the Regional Board frustrates Section 13267's plain intent to have the reports, even their trade secrets, available to the state or any state agency for enforcement. For these reasons, the FERs and other plans and reports earmarked for storage at the third-party coalition's office must be provided directly to the Regional Board and, with the exception of legitimate trade secrets, be accessible to the public.

C. If the Regional Board Makes the Findings Under the High Quality Waters Policy to Allow Degradation in Both Surface and Ground Waters Throughout The 500,000 Acre WDR Area, the Regional Board Will Have Abused Its Discretion and Proceeded in a Manner Inconsistent With the Law.

Staff asks the Board to take the unprecedented action of authorizing degradation of an entire area of the Central Valley spanning several watersheds based on little more than a hope that 3,100 dischargers, about 1,100 of which consist of very large, generally very profitable farms spanning 94% of irrigated acres, will effectively volunteer to do the right things to protect water quality. And that proposal is based on evidence that is yet to be collected and, in the case of discharge data or meaningful receiving water data, may never be collected.

The Regional Board's decisions must be based on the weight of the evidence. That means, the Regional Board must gather in a preponderance of evidence in order to support its decisions implementing the High Quality Waters Policy. Staff proposes that the Water Board turn this standard on its head by suggesting that the Board should make a determination to allow every high quality water in the West San Joaquin Watershed area to be degraded without any evidence at all.

Staff tries to convince itself that a pollution discharge from an irrigated field is unique to the world of pollution regulation. It is not. Staff surmises, "Very little guidance has been provided in state or federal law with respect to applying the antidegradation policy to a program or general permit where multiple water bodies are affected by various discharges, some of which may be high quality waters and some of which may, by contrast, have constituents at levels that already exceed water quality objectives." Information Sheet, p. 42. Every waterbody in the state is affected by multiple dischargers. And, despite staff's effort to contrive complexity where none exists, no one discharger is emitting pollutants from any particular field to multiple waterbodies. Whether staff likes it or not, the high quality water policy, indeed the entire Porter-Cologne Act, applies to each discharge. Just because there are numerous discharges releasing large quantities of pollution to waterways, does not mean the high quality waters policy is complicated for any single discharger.

State Board Resolution No. 68-16 provides:

> Whenever the existing quality of water is better than the quality established in policies as of the date on which such policies become effective, such existing high quality will be maintained until it has been demonstrated to the State that any change will be consistent with maximum benefit to the people of the State, will not unreasonably affect present and anticipated beneficial use of such water and will not result in water quality less than that prescribed in the policies.

The findings necessary to allow degradation under the Policy are stringent:

> When the state's antidegradation policy is triggered, as here, Resolution No. 68-16 provides that the Regional Board is authorized to allow the discharge of waste into high quality waters only if it makes specified findings. The State Board has described these findings as a two-step process. "The first step is if a discharge will degrade high quality water, the discharge may be allowed if any change in water quality (1) will be consistent with maximum benefit to the people of the State, (2) will not unreasonably affect present and anticipated beneficial use of such water, and (3) will not result in water quality less than that prescribed in state policies (e.g. water quality objectives in Water Quality Control Plans). The second step is that any activities that result in discharges to such high quality waters are required to use the best practicable treatment or control of the discharge necessary to avoid a pollution or nuisance and to maintain the highest water quality consistent with the maximum benefit to the people of the State."

Asociacion de Gente Unida por el Agua v. Central Valley Regional Water Quality Control Bd. (2012) 210 Cal.App.4th 1255, 1278-1279, citing (State Bd., Guidance Mem. (Feb. 16, 1995) p. 2.).

Applying the Policy for any given discharge requires that (1) data going back to 1968 from the receiving water be reviewed to determine whether it is a high quality water for the pollutants likely to be discharged; (2) data regarding the levels, presumably concentration levels that can be compared to the best receiving water concentrations, of pollutants being discharged by the farm; (3) identification for that farm of the levels of control, treatment, or management practices which would comply with the high quality water levels; (4) identification for that farm of the levels of control, treatment, or management practices which would comply with the applicable water quality standards for those pollutants; (5) the relative cost difference, if any, between those actions, and (6) a determination whether the cost of maintaining the high quality water level is so

disproportionate to the mandatory cost of achieving standards that the discharger should be allowed to degrade the receiving water down to, but not lower than, the applicable standards because that would be consistent with the "maximum benefit to the people of the State." This outline is how the Policy has been applied for four decades to individual dischargers. The Policy does not provide an exception to a category of dischargers simply because there are thousands of them. If anything, that fact warrants much more allegiance by the Regional Board to the Policy's requirements, not, as staff is proposing, a dilution of those requirements to a meaningless self-fulfilling prophecy – we hope the dischargers will do the right thing, hence there won't be degradation or, if there is, giving that particular discharge a break assumes a maximized benefit to the people of the State will result.

The only legal way to apply these mandatory criteria to farm dischargers in the WDR area is to require each farmer to submit a detailed farm evaluation report which contains sufficient monitoring of the farm's discharges, representative monitoring of their local receiving water quality, and details about their existing and proposed discharge pollution controls and management practices, and the costs of such controls. If either existing data already in the Board's database or the submitted receiving water data establish water quality higher than standards for any pollutant being discharged, the Board would then be in a position to decide whether the measures in place or being proposed will protect the highest quality of water in the farm's receiving waters and, if not, whether the costs to that particular farmer of maintaining that highest water quality are not to the maximum benefit of the people of the State.

1. The Regional Board Cannot Allow Degradation Under the High Quality Waters Policy Prior to Identifying the High Priority Waters in the WDRs' Geographic Area

In order to make a rationale decision to allow degradation of a high quality water, the Regional Board must first identify which of the waters within the WDR area are high quality waters. Neither the Board nor its staff have reviewed the available irrigated lands program data and determined which of the waterbodies within the watershed are high quality waters, *i.e.*, what is the highest water quality that has been achieved in any given stretch of water since 1968. Nor did they seek monitoring data from other agencies, like the U.S. Geological Survey, U.S. Fish and Wildlife Service or U.S. Bureau of Reclamation that, over many years, have been collecting water quality data in the subject area. This is despite staff's acknowledgement that plenty of data exists – much of which would identify that perhaps every waterbody within the Watershed is high quality waters. *Asociacion de Gente Unida por el Agua v. Central Valley Regional Water Quality Control Bd.* (2012) 210 Cal.App.4th 1255, 1271 (although data more recent than 1968 may not demonstrate a water body is not high quality, such data can demonstrate a water body is high quality). But they do not know if that is the

case because, despite years of presumably reviewing all of that data and claiming to have designed an effective water monitoring program in the watershed, for purposes of the WDRs and the High Quality water policy, staff makes no effort to review the data for the waterbodies at issue. Information Sheet, pp. 43-44. It is a simple task, that could have been accomplished in the last three to four years, for a staff person to run a simple search of the data to determine the best water quality for every water segment in the watershed. Indeed, ex-Regional Board staff persons and water quality experts Richard McHenry and Steve Bond have done just that for several of the monitoring locations employed by the Westside Coalition. Their reviews show that, using as examples two of the core sampling sites located at Orestimba Creek, Hospital Creek, and in the San Joaquin River, monitoring data since 2004 by itself demonstrates that those reaches contain high quality waters for almost every pollutant discharged by irrigated lands. Bond Comments (attached as Exhibit A); McHenry Comments (attached as Exhibit B). McHenry and Bond further identify the background water quality achieved at those downstream monitoring locations and their, vicinity which the Regional Board must consider when applying the High Quality Waters Policy. *Id*. Without knowing what level of water quality is necessary to protect high quality waters, it is an abuse of discretion for the Board to claim that it has considered the costs of achieving those concentrations by each of the relevant upstream dischargers, whether they can feasibly be achieved, and evaluated the cost to the public of not achieving them.

If staff claims it does not have the data for a particular waterbody or reach of a waterbody, then obviously the Board's past monitoring program and any proposed monitoring based on that effort are deficient and, thus, in violation of the Policy. This is particularly true for the vast stretches of waterbodies that lie upstream of the relatively few monitoring locations sampled by the Coalition or agencies over the years. If the Board cannot determine whether or not a water or a relevant stretch is high quality or not for lack of any data, than the Board is not in any position to make a finding that degradation in that waterbody is authorized consistent with the Policy. As CSPA's experts point out, this is the norm for most of the waters included in the WDR area. For example, no data within Orestimba Creek has been collected upstream of Highway 33. Bond Comments. That means many miles of that creek drainage may or may not be high quality and may or may not be being degraded. That data gap is not evidence that the Board can even begin to apply the High Quality Waters Policy's criteria and make the prerequisite findings. In order to apply the Policy based on the weight of evidence, the Board must first gather some relevant evidence by requiring the discharger(s) it is considering authorizing to degrade water quality to gather in the necessary data – whether collected in the past or anew – to determine whether the water is high quality or not and what costs might be associated to both the discharger(s) and the public by allowing degradation their receiving waters.

The Court of Appeal has spelled out the necessity of comparing the actual pollutant-specific, baseline water quality of a particular waterbody as compared to the applicable water quality standard as the first step in applying the High Quality Waters Policy:

> When undertaking an antidegradation analysis, the Regional Board must compare the baseline water quality (the best quality that has existed since 1968) to the water quality objectives. If the baseline water quality is equal to or less than the objectives, the objectives set forth the water quality that must be maintained or achieved. In that case the antidegradation policy is not triggered. However, if the baseline water quality is better than the water quality objectives, the baseline water quality must be maintained in the absence of findings required by the antidegradation policy.

Asociacion de Gente Unida por el Agua, 210 Cal.App.4th at 1270. The Court of Appeal found that even a single water sample from the receiving water that is above the applicable standard was sufficient to establish that a waterbody is a high quality water. *Id*., 210 Cal.App.4th at 1271. Likewise, the Board has to identify which constituents qualify the water as high quality in order to rationally apply the Policy. *Id*. ("Water can be considered high quality for purposes of the antidegradation policy if it is determined to be so for any one constituent, because the determination is made on a constituent by constituent basis"). *See* Information Sheet, p. 43 ("The determination of a high quality water within the meaning of the antidegradation policies is water body and constituent-specific").

Because the Board does not know which waters are high quality waters, the Board has no idea which farm or farms are discharging into those high quality waters. As a result, the Board has none of the requisite information necessary to apply the High Quality Waters Policy's balancing test. The Board does not know what the economic situation is for the discharging farmer or any affected users. The Board does not know what additional measures may be available to prevent the degradation staff is so willing to authorize. There is no information about what incremental cost might be required for any given farmer to achieve the highest quality water versus having to comply with standards. *See Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1270 ("The baseline quality of the receiving water determines the level of water quality protection"). Thus, there is no evidence – nevermind a preponderance – to establish that relieving that farmer or many farmers of that incremental cost somehow maximizes benefit to all Californians.

Staff's information sheet attempts to expand the data required to assess the presence of high quality waters or otherwise apply the Policy. The information sheet, Appendix A, states that:

> There is no comprehensive, waste constituent-specific information available for all surface waters and groundwater aquifers accepting irrigated agricultural wastes that would allow site-specific assessment of current conditions. Likewise, there are no comprehensive historic data.

Information Sheet, pp. 43-44. First, the Court of Appeal has rejected the need for "comprehensive" data or assessments to determine whether the Policy applies. 210 Cal.App.4th at 1270-71. There is plainly ample data to determine whether at least some water segments within the WDR area are high quality and whether they are already being degraded by numerous unidentified farm dischargers. Second, there is likely available monitoring data collected by other agencies over the years that could be evaluated if staff would only endeavor to collect it. Third, by conceding that staff does not have data, which is indeed true for many of the waterbody segments within the WDR area, that concession admits that the Board cannot support any finding that degradation by every discharger in those unmonitored areas of the WDR area is warranted.

2. Staff's Proposal Would Have the Regional Board Determine That Degradation is Authorized Even for Parameters and Waterbody Reaches That, Although High Quality, Discharges are Not Currently Degrading.

To the extent the farms covered by the proposed WDRs are not degrading waters at least for a few pollutants where monitoring stations are located, there is obviously no legitimate rationale for the Regional Board to authorize degradation.[1] Yet that is precisely what staff proposes the Board do. The WDRs propose a blanket authorization for farms in the WDR area to degrade waters even for pollutants at the monitoring locations that they cannot show any reason degradation is necessary for the public benefit or any other reason. Yet a review of the data, even for a few of the core monitoring locations, shows that, at least for a few pollutants at those locations, although the waters are high quality, there is no degradation observed at those locations. For example, levels of carbofuran, endosulfan, oxamyl, ethyl parathion, and a number of other constituents do not exceed the applicable water quality standards at the Hosptial Creek and River Road monitoring station. McHenry Comment, Data Review . Although that establishes that Hospital Creek is a high quality water for those parameters in the vicinity of that monitoring station, there is no evidence that any discharge in the vicinity or elsewhere is degrading this stretch of the creek. Where there is no discernable discharge degrading water or any information on a

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[1] Because the only data is at the downstream monitoring locations, the fact that no degradation for several pollutants is observed at those locations does not preclude extensive degradation from discharges well upstream.

discharger's potential costs available to compare to the general public benefit, there is no evidence on which to base an approval of future discharges causing degradation. This type of advance authority to degrade for any pollutant is entirely inconsistent with the Policy.

3. The Regional Board Does Not Have Sufficient Evidence to Establish that Any Given Discharger's Degradation of Surface and Ground Waters Throughout the WDR Area Will Maximize Benefits to the People of California.

In order to authorize any degradation from high quality down to the applicable water quality objective, the Regional Board must be presented with evidence a discharge's degradation of high quality water will be consistent with maximum benefit to the people of California. "The first step is if a discharge will degrade high quality water, the discharge may be allowed if any change in water quality (1) will be consistent with maximum benefit to the people of the State. *Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1278. The State Board has provided guidance, endorsed by the Court of Appeal, which makes clear that evaluating maximum benefit must be done for a specific discharge, not based on Central Valley wide generalities:

> The State Board's guidance memorandum defines the term "maximum benefit to the people of the State" as follows: "Before ***a discharge*** to high quality water may be allowed, it must be demonstrated that any change in water quality 'will be consistent with the maximum benefit to the people of the state.' This determination is made on a ***case-by-case basis*** and is based on considerations of reasonableness under the circumstances ***at the site***.

Id. (emphasis added) (quoting State Board, Guidance Mem. (Feb. 16, 1995) pp. 4–5). The State Board guidance lays out factors, making clear that they must be considered for a specific discharge, not thousands of discharges at once:

> Factors to be considered include (1) past, present, and probable beneficial uses of the water (specified in Water Quality Control Plans); (2) economic and social costs, tangible and intangible, of ***the proposed discharge*** compared to the benefits, (3) environmental aspects of ***the proposed discharge***; and (4) the implementation of feasible alternative treatment or control methods. With reference to economic costs, both costs to ***the discharger*** and the affected public must be considered. 'Cost savings to ***the discharger***, standing alone, absent a demonstration of how these savings are necessary to accommodate "important social and economic development" are not adequate justification' for allowing degradation. See [State Board] Order No. WQ 86-17, at 22, n. 10.

Id. (emphasis added). The Information Sheet acknowledges this fundamental aspect of the High Quality Waters Policy – "The determination of a high quality water within the meaning of the antidegradation policies is water body and constituent-specific." Proposed WDRs, p. 43. Despite that understanding, staff has not evaluated any particular farm, any specific waterbody, or any given discharge within the WDR area to determine what improvements are necessary to its management practices (assuming it has any such practices), the costs of such improvements, or that farm's discharges contribution to any degradation measured far downstream. Only close to a year after the Regional Board authorizes degradation, does staff propose any Farm Evaluation Reports be submitted, and then only to the third-party Coalition. The proposed WDR does not indicate what such reports will contain, so whether at that time they will provide the information relevant to applying the Policy is anybody's guess. And, as the above highlighted text makes clear, the degradation evaluation is to be done on a site-specific, or in this case, farm-specific basis.

Likewise, staff provides no data whatsoever about what any specific farm operation may be discharging to groundwater. Although such discharges are clearly occurring, the Board is not yet in any evidentiary position to apply the factors relevant to maximum public benefit and to declare any degradation acceptable under the High Quality Waters Policy.

The economic impact analysis conducted on a region-wide basis does not provide any evidence relevant to whether authorizing a discharge from any particular farm in the WDR area will be consistent with the maximum benefit to the people of California. Staff relies upon the 2010 *Draft Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program* prepared for the PEIR. *See* Proposed WDRs, p. 14. Although that cost analysis may be sufficient to comply with Water Code § 13141, it is not sufficient to conduct a site-specific degradation analysis applying the High Quality Waters Policy. Indeed, the proposed WDRs expressly disavow any applicability of its Section 13141 region-wide economic analysis to any individual farmers' costs or management measure decisions:

> Any costs for water quality management practices will be based on a market transaction between Members and those vendors or individuals providing services or equipment and not based on an estimate of those costs provided by the board.

Proposed WDRs, p. 14. Thus, the Section 13141 economic analysis does not reflect "costs to the discharger" required to be considered by the High Quality Waters Policy.

Staff's proposed rationales for the Regional Board to authorize wholesale degradation of water quality in the WDR area identify two almost generic

assertions. One, that "Central Valley communities depend on irrigated agriculture for employment," and two, "[t]he state and nation depend on Central Valley agriculture for food…." Appendix A, p. 51. These generic assertions neither resemble the site specific factors identified by the State Board's Guidance and endorsed by the Court of Appeal nor allow for any coherent comparison of costs to specific dischargers and any cogent reason why they should be authorized to degrade high quality waters based on maximum benefit to all Californians. *Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1278. Any cogent review of the actual economic conditions prevalent in the area to be governed by the WDRs would show that farms, and in particular the larger farms operating within that area, are economically robust, forming a significant portion of a multi-billion dollar industry in the region. *See* Exhibit C (Memorandum of Bill Jennings). Because staff has not provided any evidence of the covered dischargers' ability to pay for individual monitoring and management practices necessary to determine compliance with the WDRs and the Water Code, the Board is unable to make a determination of maximum benefit to the people of California.

Lastly, whether looking at surface water or ground water, the WDRs' proposed monitoring is so far removed from any specific source, the monitoring will not be capable of discerning any change in water quality from hundreds, perhaps thousands of farms in the WDR area. McHenry Comments, p. 9 ("Sampling at the extreme downstream location is not capable of determining the water quality 1, 5 or ten miles upstream into the watershed"); Bond Comments. Mr. Bond has performed an extensive analysis of monitoring data obtained from Orestimba Creek at upstream and downstream stations. Bond Comments. His review of the existing data at those locations demonstrates that there is no correlation between the upstream and downstream results. *Id*. This demonstrates that a downstream monitoring station's results say nothing conclusive about what water quality is present miles upstream. Because the WDRs do not include any monitoring that would detect any changes in water quality from a discharge, the Regional Board will not know what degree of change is or may occur and, hence, cannot make any rational finding that allowing such change is consistent with maximum benefit to the people of the State. *Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1280 (where monitoring plan inadequate to detect degradation of waters, cannot make finding that such degradation will be of maximum benefit to the people of California).

It is clear that the Board's record currently is devoid of evidence necessary for it to consider whether any one discharger, nevermind thousands of dischargers, can be authorized en masse to degrade waters throughout a 500,000 acre swath of the Central Valley.

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4. The Regional Board Cannot Authorize Degradation of all Waters Within the WDR Area Because the Proposed WDR Conditions, Even if Complied With, Will Only Further Demonstrate That the Authorized Discharges will Result in Water Quality Less Than the Basin Plan's Water Quality Objectives.

The current coalition program in the west San Joaquin has been in place since 2003. A focused management plan has been in place for Hospital and Ingram Creeks since 2008. Even in the monitored reach of those two creeks, five years of focused implementation relying almost exclusively on outreach efforts has produced little measurable gains at the monitoring stations. Mr. McHenry's review shows that monitoring results in Hospital Creek continue to show numerous exceedances and no trend in suspended solids, diazinon, or other pollutants relevant to the focused plan. McHenry Comments, Data Review. Levels of many pollutants have remained the same. *See id*. Some parameters have increased. *Id*. Exceedances are still the norm and toxicity is still occurring. Westside Coalition, Semi-Annual Monitoring Report (June 15, 2013). The few tweaks to the program proposed in the WDRs will not dramatically change these results. Indeed, given the proposed 10-year compliance schedules for addressing the few pollutants that may be included in a SWMP, the WDRs are guaranteed to allow discharges to continue violating water quality objectives for the foreseeable future. As a result, the Regional Board cannot make the required finding that the irrigated lands discharges in the WDR area "will not result in water quality less than that prescribed in state policies (e.g. water quality objectives in Water Quality Control Plans)," as required to authorize degradation down to standards.

Although the proposed WDRs proposes to begin breaking down the barrier to identifying management practices and pollution sources on specific farms by providing for a Farm Evaluation Report (albeit the proposal does not disclose what information will be requested in the FERs and, thus, it is impossible to evaluate whether the FERs will provide sufficient information), the WDRs rely for the most part on continuing the coalition group program that has been in place for the WDR area since 2003. Thus, although the SWMP appears to provide some additional discretion to the Executive Officer that may be applied at some point in the future, the SWMP continues to rely on regional monitoring coupled with a management planning process mirroring the waiver program. This monitoring scheme does not detect violations of water quality objectives for large expanses of the watersheds upstream of the monitoring stations. *See* Bond Comments; McHenry Comments. And it will continue to detect violations of the objectives at the stations if individual farmers' discharges are not meaningfully monitored. *Id*. "To the extent that the Order allows historic practices to continue without change, degradation will continue." *Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1273.

Likewise, although groundwater is included in the WDRs, the process to address discharges to groundwater relies on existing monitoring wells that will not pick up degradation. This program will neither detect nor prevent violations of the nitrate objective for the foreseeable future. *See Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1273. The Proposed WDRs only trigger ponderous, multi-year management plans and more generalized receiving water monitoring upon multiple exceedances of a water quality objective and or a trend in degradation. This evidence does not provide evidence that the Board can rely on to find that discharges will not violate objectives.

The WDRs propose to allow 10-year long compliance schedules once a SWMP is triggered or requested. Proposed WDRs, p. 41. It is again entirely inconsistent with the High Quality Waters Policy for the Board to presume to allow degradation for dischargers who are not even complying with water quality objectives. The discharges will automatically result in water quality less than objectives, precluding any finding by the Board to the contrary. Likewise, such discharges are and will continue to "unreasonably affect present and anticipated beneficial use of such water." Accordingly, the Board also cannot make a finding to the contrary, as is also required to allow degradation under the Policy.

The fact that, as designed, the Proposed WDRs will not ensure compliance with applicable objectives, also is inconsistent with the Water Code's basic WDR requirements. WDRs "shall implement any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, [and] the water quality objectives reasonably required for that purpose,…." Water Code § 13263(a). Because the WDRs replicate existing waivers that have not implemented the applicable objectives, the Proposed WDRs fail to implement objectives.

5. The Regional Board Does Not Have Sufficient Evidence to Establish that All Dischargers Within the WDR Area are Implementing the Best Practical Treatment Controls for Discharges to Surface Waters and Ground Water.

Resolution No. 68-16 requires specific steps to protect high quality waters, including mandating the use of WDRs through specified technology-based effluent limitations. The High Quality Waters Policy provides, in relevant part, that:

> Any activity which produces or may produce a waste or increased volume or concentration of waste and which discharges or proposes to discharge to existing high quality waters will be required to meet waste discharge requirements which will result in the best practicable treatment or control ["BPTC"] of the discharge

> necessary to assure that (a) a pollution or nuisance will not occur and (b) the highest water quality consistent with maximum benefit to the people of the State will be maintained.

To comply with Resolution No. 68-16's BPTC mandate, the Regional Board must require the discharger to demonstrate that the proposed manner of compliance constitutes BPTC. *Asociacion*, 210 Cal.App.4th at 1282 ("The second step of Resolution No. 68-16's two-step process for determining whether a discharge into high quality waters is permitted, is a finding that the discharge will be required to undergo the "best practicable treatment or control … necessary to assure that (a) a pollution or nuisance will not occur and (b) the highest water quality consistent with maximum benefit to the people of the State will be maintained").

"In determining BPTC, the discharger should compare the proposed method to existing proven technology; evaluate performance data (through treatability studies), compare alternative methods of treatment or control, and consider the method currently used by the discharger or similarly situated dischargers." *See* SWRCB Order No. WQ 2000-07.

The Board does not yet have evidence of what any particular discharger within the WDR area is actually discharging to surface or ground waters. Instead of having evidence of what practices are currently in place for the current members of the Westside Coalition, the Board relies upon future Farm Evaluation Reports based on templates the contents of which have not yet even been proposed. It will not be until 10 months after the Board issues the WDRs and, as proposed, the authorization of degradation, before any information about individual farms starts to flow into the Regional Board's files. Proposed WDR, p. 29. Without existing information about what each discharger within the WDRs area is implementing for management practices and data regarding the practices' effectiveness to control pollutants, there is no evidence upon which the Board can base a finding that each discharger is implementing BPTC.

There is no evidence in the record that a farm entity, especially a large farm, is any less economically capable of taking a few representative discharge samples as any small industrial business currently regulated by the industrial storm water permit. CSPA does not believe that any evidence has been presented that demonstrates there is a valid economic reason for not requiring every farmer to collect some water quality samples, expend funds necessary to have a pollution control plan, and expend funds to implement the necessary measures to assure that farm's pollution will neither degrade water quality nor violate standards. *See* Exhibit C.

Staff's proposed "Farm Management Performance Standards" do not provide staff evidence justifying a determination to authorize degradation

throughout the western San Joaquin watershed. *See* Proposed WDRs, p. 24. Even assuming the performance standards somehow provide more guidance than already is apparent on the face of the Basin Plan or even the existing waivers, the Board still cannot meaningfully evaluate or apply the High Quality Waters Policy as it applies to any given discharger in the Watershed by having them submit information after the decision to allow degradation is made and without any information about the actual pollution that farm is discharging or even which river or channel it is discharging to and the quality of that receiving water.

D. IN ADDITION TO PROPOSING UNSUPPORTED FINDINGS TO AUTHORIZE DEGRADATION, THE DEGRADATION AND VIOLATIONS OF WATER QUALITY OBJECTIVES THAT WILL RESULT FROM THE WDRS IS INCONSISTENT WITH THE HIGH QUALITY WATERS POLICY.

1. The Proposal to Authorize Degradation Admits That Implementation of the Proposed WDRs Will Continue to Degrade Water.

By proposing to abandon any effort to avoid degradation of high quality waters, Regional Board staff concedes that a program based on regional monitoring and third-party outreach to actual dischargers does not assure that waters will not be degraded. Because the Board cannot make the requisite findings to support a decision authorizing degradation, the WDRs as proposed will degrade high quality waters in violation of the High Quality Waters Policy.

Additionally, repeating the flaw in the existing renewed waiver that was rejected by the Sacramento Superior Court, the proposed WDRs again do not bother to link even the general management practice responses to degradation. Instead, in regard to both surface and ground water pollution, the proposed WDRs trigger the general management responses by the third party when objectives are exceeded or where the EO determines that "irrigated agriculture is causing or contributing to a trend of degradation of surface water that may threaten applicable Basin Plan beneficial uses." Proposed WDRs, p. 37. Moreover, even this possibility is made less likely by the very next provision which says the EO may relieve the third party of a SQMP or GQMP when members only meet the applicable water quality objectives and a management plan will not likely remedy the exceedance. *Id*., p. 38. The proposed WDRs do not comply with the obvious flaw found by Judge Frawley that the requirements are not geared to address degradation, but rather exceedances of other water quality measures including the same objectives rejected by Judge Frawley and unidentified "trends" in degradation. Order, p. 19. The High Quality Waters Policy does not merely guard against adverse trends in degradation, but any degradation. Because once again the proposed WDRs blink in fully enforcing the

Policy, the proposed WDRs suffer from the same error as that found by Judge Frawley for the renewed waiver.

In addition, the Court of Appeal also has rejected a similar process attempted in the general dairy WDRs leaving future potential compliance with the degradation restrictions to the Executive Officer at his/her discretion. Thus, in addressing the Regional Board's contention in the General Dairy WDRs that water would not be degraded because the Executive Officer had authority to order additional monitoring, the Court of Appeal did not agree future action by the EO applying his/her discretion was, by itself, sufficient to prevent degradation. *Asociacion de Gente Unida por el Agua*, 210 Cal.App.4th at 1277. This was due, first, to the fact that such discretion was not applied to all dischargers governed by the general WDRs but "required only at the discretion of the executive officer." *Id*. Second, the Court rejected open-ended discretion as a stand-in for assurances that degradation would not occur because "there are no mandatory standards governing the exercise of the executive officer's discretion." *Id*. Lastly, the Court rejected mere discretion by the EO, because it was triggered by monitoring that, by its nature, already established that degradation had occurred. *Id*. The same is true by the monitoring triggers included in the proposed WDRs, which await exceedances of objectives and "trends" in degradation before the EO may act and, even then, the EO may choose not to require even the broad management plans.

For these reasons, the proposed WDRs allow degradation and, absent adequate findings by the Board authorizing degradation down to standards, no such degradation is allowed.

2. Monitoring Surface or Ground Waters Many Miles Downstream of Pollution Sources Will Neither Detect Nor Prevent Degradation or Upstream Exceedances of Water Quality Objectives.

Although Judge Frawley did not choose to rule on whether the regional monitoring stations that were implemented pursuant to the renewed waiver were sufficient to comply with the High Quality Waters Policy, he did state:

> It also is questionable whether the Renewed Waiver is sufficient to comply with the Antidegradation Policy since it is not clear that the Board has an adequate means of identifying and taking actions against dischargers who are violating water quality objectives when water quality objectives are being exceeded, or of ensuring that BPTC is being implemented when high quality water is being degraded.

Order, p. 19. The same inadequacies are present in the Proposed WDRs. The monitoring stations anticipated by the Proposed WDRs are essentially the same as those present pursuant to the renewed waiver. Those stations cannot and will not detect violations of water quality objectives or degradation more than a short distance upstream. McHenry Comments; Bond Comments. As a result, numerous upstream violations will go undetected. Even where the stations confirm a standard violation or serious degradation, the Board will not know which upstream farms are responsible. *Id*. Nor will a simple, yet-to-be-defined FER indicate whether or not BPTC is in place for every upstream farmer. The Board's reliance on regional monitoring in an effort to spare individual farmers the burden of making sure they are not degrading the State's waters will never be sufficient to detect pollution and degradation or violations of objectives occurring some significant distance upstream. As a result, the Proposed WDRs are inconsistent with the High Quality Waters Policy as well as Water Code § 13263(a) (WDRs "shall implement any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, [and] the water quality objectives reasonably required for that purpose,…").

In the past, Regional Board staff has admitted that general discharge requirements relying on regional monitoring will not produce monitoring able to detect violations of water quality standards for large expanses of upstream waters. Former Regional Board Program Manager for the Irrigated Lands Program, Bill Croyle, has testified that "main stem, downgradient monitoring … is going to tell us a very limited amount of information with regards to what is going on upstream in the watershed." Testimony of Bill Croyle (March 5, 2003) (AR2776).

Watershed- or regional-based monitoring cannot detect water quality levels miles upstream. Previous expert testimony from three former Regional Board staff and two other experts has been presented to the regional Board clarifying this basic point. Former Regional Board staff engineers and managers Steve Bond, Joanne Kip and Richard McHenry each testified both orally and in writing that the renewed regional monitoring scheme would not detect most of the site-specific or area-specific water quality problems occurring in the Central Valley. Comments of Steven Bond, PG, CEG, CHG (Sept. 27, 2010); Written Testimony of Steven Bond (April 7, 2011) (AR101869); Written Testimony of Richard McHenry (April 7, 2011) (AR101871); Written Testimony of Jo Anne Kipps (April 7, 2011) (AR101870); Oral Testimony of Steven Bond, Jo Anne Kipps & Richard McHenry (April 7, 2011) (AR3029.225-.232); Comments of G. Fred Lee, Ph.D. (Sept. 25, 2010) (AR101943, AR101949); Comments of Matt Hagemann (Sept. 10, 2010) (AR101829). As Mr. Bond, a certified geologist and hydrogeologist, explained in 2010 during the proceedings on the current waiver:

> You asked if the downstream water quality of a complex watershed composed of multiple sub- watersheds, is a valid measure of the water quality in any or all of the individual sub-watersheds. My answer is no. While gross average conditions may be observed downstream, the conditions of individual upstream sub-watersheds will remain unknown. Between the downstream monitoring station and the various upstream watersheds, mixing and dilution occurs and the conditions at any upstream point are obscure to the downstream location.

Comments of Steven Bond, PG, CEG, CHG (Sept. 27, 2010). See also Written Testimony of Steven Bond (April 7, 2011) (AR101869) ("My professional opinion is that in a complex watershed composed of multiple sub- watersheds, water samples from distant downstream locations, such as most of the monitoring locations in this program, are not valid representations of the water quality in any or all of the individual sub-watersheds"); Oral Testimony of Steven Bond (April 7, 2011) (AR3029.227-3029.228). Mr. Bond has prepared additional testimony specific to the proposed WDRs and confirmed that the WDRs' continuation of regional monitoring will not be sufficient to detect violations of objections and degradation any significant distance upstream. Bond Comments.

Richard McHenry, former supervisor of the Regional Board's Sacramento Valley NPDES permitting unit, explained that regional impacts could be caused "by any number of upstream dischargers or circumstances, and cannot be directly linked to any specific discharge point" by sampling at a regional location. Oral Testimony of Richard McHenry (April 7, 2011) (AR3029.231). "Based on the regional monitoring that is being proposed, I cannot see any reasonable means of taking enforcement against individual dischargers to effectively protect water quality." *Id*. Mr. McHenry has prepared additional testimony specific to the proposed WDRs describing the inadequacy of the WDRs' continued regional monitoring to detect violations of objectives and degradation for most parts of the 530,000 acre WDR area.

Jo Anne Kipps, a 12-year veteran of the Regional Board's waste discharge regulatory program, also noted during the renewed waiver proceeding that the waiver "relies on an inadequate regional monitoring scheme that cannot and will not provide information to this Board necessary to characterize current conditions, let alone, monitor the effectiveness of best management practices as these are implemented." Oral Testimony of Jo Anne Kipps (April 7, 2011) (AR3029.230-.231). Dr. G. Fred Lee, Ph.D., provided a thorough explanation of the monitoring gap extended into the proposed WDRs:

> In our previous comments we stressed the need for monitoring at the edge-of-the-field and in nearby state waters to define the worst-case impacts of toxic and other chemicals discharged from

> agricultural activities. In some waterbodies the worst case impacts could be detrimental to fish spawning/rearing areas that would not be detected by the current downstream at a single monitoring location as practiced in the current monitoring program. This type of monitoring is also essential to evaluate the effectiveness of management practices to control WQO violations in the states waters.

Comments of G. Fred Lee, Ph.D. (Sept. 25, 2010) (AR101943). Dr. Lee explained further:

> The Lee and Jones-Lee April 13, 2007 comments focused on the unreliable approach that the staff had proposed for the basic monitoring approach of allowing the coalitions to satisfy the MRP requirements based on one grab sample per month at a downstream location. As Lee and Jones-Lee discuss; this monitoring approach cannot reliably provide the data needed to meet the MRP stated objective of detecting violations of CVRWQCB Basin Plan objective by agricultural runoff/discharges. Such a monitoring approach could readily fail to detect upstream adverse impacts of agricultural discharges that are not detected at downstream monitoring locations.

Id. (AR101949). Driving the point home even further, hydrogeologist Matt Hagemann commented during the waiver process that, "[b]ecause of the reliance on current management practices and because only regional monitoring is to be used, Alternative I [the Renewed Waiver] would not result in measureable improvement to water quality and in fact foster further degradation of water quality." Comments of Matt Hagemann (Sept. 10, 2010) (AR101829).

Likewise, Regional Board staff also explained during the waiver proceeding that,

> If the selected ILRP alternative's monitoring program is regional in nature (i.e., individual field effects on receiving waters are not monitored), it is not possible to determine whether and how much each operation is contributing to the problem— water quality assessment and feedback mechanisms are based on the watershed-scale for multiple sources. Therefore, the ILRP requires that operations that potentially contribute sources to the problem implement management practices designed to minimize their contribution.

Irrigated Lands Regulatory Program FEIR, p. 3.2-39 (March 2011) (AR237). Only if a specific farm opts to exclude itself from a coalition program would the

Regional Board proceed to issue an order that assures that a particular farm would achieve water quality standards and comply with the Antidegradation Policy:

> Agricultural operations that do not wish to participate in implementing practices under the ILRP have the option to file a report of waste discharge and obtain individual waste discharge requirements. These requirements would specify individual monitoring of effluent and/or receiving waters designed to ensure that the operations waste discharge does not cause or contribute to an exceedance of water quality objectives and that BPTC is implemented where there is degradation of a high quality water.

Id. If the regional monitoring scheme of the Renewed Waiver or the Proposed WDRs were truly sufficient to protect receiving waters adjacent to non-coalition farms, no such site-specific WDRs would be necessary.

The significant divide between the Proposed WDRs' regional monitoring locations and the miles of waterways and the hundreds of sources upstream of the monitoring locations is an example of the same faulty monitoring scheme recently rejected by the Court of Appeal in *Asociacion de Gente Unida por el Agua* as violating the antidegradation policy:

> The crucial question of fact in this case is whether the monitoring system prescribed in the Order is adequate to ensure the Order's directive that no further degradation of groundwater shall occur. Appellants point to evidence in the record indicating the Order's monitoring method is inadequate. Regional Board cites no contrary evidence. Thus, there are no facts from which any court could determine the monitoring system is adequate to detect and prevent further groundwater degradation. The interpretation of the antidegradation policy and the Order are generally matters of law.

210 Cal.App.4th at 1267. Like the supply wells required to be monitored by the Regional Board in the general permit issued for dairy discharges that were located a significant distance from the source of the potential degradation (manure ponds), the Proposed WDRs' regional monitoring locations are "ineffective to accomplish the timely detection of a change in [water] quality." 210 Cal.App.4th at 1260. Like the vacated dairy WDRs, additional upstream monitoring of any sort is not required unless the regional, i.e. distant, monitoring sites already show an adverse impact. *Id*. The fact that follow-up management plans may be triggered does not cure the fact that the prescribed monitoring locations will not monitor localized areas that feel the full brunt of one or more irrigated land dischargers' pollution. Like the dairy WDRs, follow-up management plans by the coalition are only triggered after multiple violations of

water quality objectives already are detected or a "trend" in degradation, far downstream of most sources. Like the dairy WDRs management plan triggers, that triggering event already establishes that water quality objectives are being violated and beneficial uses unreasonably affected. *See* 210 Cal.App.4th at 1276-77. Thus, whatever discretion the Regional Board staff may have to require or review management plans by the coalitions does not "ensure … that no further degradation of [Central Valley waters] shall occur." *Id*.

A Regional Board order does not comply with the antidegradation policy where it relies on monitoring requirements that "are inadequate to detect … degradation, much less prevent it." *Id*. at 1272-73. Like the monitoring locations in the dairy WDRs, expert testimony in the record for the renewed Waiver and now the Proposed WDRs discloses that regional monitoring locations far downstream from almost all of the irrigated lands' pollution sources "are not located in the proper areas to detect degradation," or violations of objectives and, even after a decade of implementation, have not shown pollution during that time for any localized areas upstream, even if those areas exceed standards. *Id*. at 1275. Because the Proposed WDRs' monitoring provisions "do[] not provide either an accurate or a timely indication of [water] degradation" or violations of objectives, the Regional Board cannot find, based on the weight of the evidence, that the Proposed WDRs comply with the antidegradation policy or Water Code § 13263(a) for all, indeed, the vast majority of waters it presumes to protect. *Id*.

E. The Proposed WDRs Do Not Comply With the Nonpoint Source Policy

The Proposed WDRs fail to comply with the Board's duty to comply with the Nonpoint Source Policy adopted by the State Board in 2004. Water Code § 13146, 13247; Policy For Implementation and Enforcement of the Nonpoint Source Pollution Control Program (May 20, 2004). The Nonpoint Source Policy includes five key elements with which any nonpoint source program adopted by a Regional Board must abide. "Prior to developing an NPS control implementation program or recognizing an implementation program developed by dischargers or third-parties as sufficient to meet RWQCB obligations to protect water quality, a RWQCB shall ensure that the program meets the requirements of the five key structural elements…." Nonpoint Source Policy, p. 11. The Proposed WDRs are inconsistent with at least three of the five key elements.

1. The Proposed WDRs fail to rely on the weight of the evidence that the WDRs are consistent with Key Element 1 of the NPS Policy.

The Nonpoint Policy's Key Element 1 states that "[a]n NPS control implementation program's ultimate purpose shall be explicitly stated. Implementation programs must, at a minimum, address NPS [nonpoint source]

pollution in a manner that achieves and maintains water quality objectives and beneficial uses, including any applicable antidegradation requirements." Nonpoint Source Policy, pp. 11-12. "Before approving or endorsing a specific NPS pollution control implementation program, a RWQCB must determine that there is a high likelihood the implementation program will attain the RWQCB's stated water quality objectives." *Id*., p.11.

> An NPS control implementation program must be specific as to the water quality requirements it is designed to meet. For example, if the program relies upon dischargers' use of MPs, there should be a strong correlation between the specific MPs implemented and the relevant water quality requirements. The program also should provide other information as required by the RWQCB, including but not limited to the identification of participant dischargers. The RWQCB must be able to ensure that all the significant sources of the NPS discharges of concern are addressed.

Id., p.12 (emphasis added).

Reviewing the current waiver, the Superior Court found that its general requirements were inconsistent with the High Quality Waters Policy, it also violated Key Element 1. Order, p. 20. Because the Proposed WDRs also run afoul of the Policy and do not assure compliance with objectives, they also are inconsistent with Key Element 1. As the Court explained:

> Key Element 1 states that a nonpoint source control implementation program must, at a minimum, address nonpoint source pollution in a manner that achieves and maintains water quality objectives and beneficial uses, including any applicable antidegradation requirements. [citations omitted.] For the reasons described above, the Court finds that the Renewed Waiver is inconsistent with applicable antidegradation requirements. Accordingly, the Renewed Waiver is inconsistent with Key Element 1 of the Nonpoint Source Policy.

Order, p. 20.

As discussed above, the weight of the evidence does not demonstrate that the Proposed WDRs address irrigated lands discharges within the WDR area in a manner that achieves and maintains water quality objectives and beneficial uses and complies with the High Quality Waters Policy. The Regional Board does not and, depending on the contents of the FERs, may not know the "specific MPs [management practices] implemented" anywhere in the WDR area. *See supra*. Indeed, the FERs will not include any maps of the respective dischargers. This

alone will render the FER largely an exercise in paperwork rather than a stepping-stone to effective management practices or water quality protection.

Moreover, the regional-based water quality monitoring does not allow the Regional Board to correlate "the specific MPs implemented and the relevant water quality requirements." Nonpoint Source Policy, p. 12. Only within a portion of the WDR area in which water quality standards are violated in the downstream waters will there be any effort by third-parties to correlate some MPs on some farms to those exceedances. Even in an impaired watershed, under the Proposed WDRs, the coalitions need not disclose to the Regional Board which specific farms and specific MPs on those farms are at issue. And because the water quality is only measured downstream in a given watershed or sub-watershed, numerous upstream waters that may be in violation of standards from irrigated lands discharges will go undetected, allowing for no correlation whatsoever with MPs. Thus, the Proposed WDRs do not come close to addressing all of the significant irrigated lands pollution sources in the WDR area, as required by Key Element 1.

2. The Proposed WDRs fail to rely on the weight of the evidence that the Proposed WDRs are consistent with Key Element 2 of the NPS Policy.

Key Element 2 of the NPS Policy provides that: "[a] nonpoint-source control implementation program must include a description of the management practices and other program elements that are expected to be implemented to ensure attainment of the implementation program's stated purpose, the process to be used to select or develop management practices, and the process to be used to ensure and verify proper management practice implementation." Nonpoint Source Policy, p. 12. "A RWQCB must be convinced there is a high likelihood the MP will be successful." *Id*. "MPs must be tailored to a specific site and circumstances, and justification for the use of a particular category or type of MP must show that the MP has been successfully used in comparable circumstances. If an MP has not previously been used, documentation to substantiate its efficacy must be provided by the discharger." *Id*.

If the evidence available to the Regional Board demonstrates anything, it is the opposite of what Key Element 2 requires – the current MPs used by irrigated lands dischargers within the WDR area have been unsuccessful in preventing violations of water quality standards. The Regional Board assumes that every discharger in the WDR area has some sort of management practices in place. According to the record, a large percentage of rivers, streams and channels in the WDR area are impaired by pollutants discharged by irrigated lands. Bond Comment; McHenry Comment. The Westside coalition's regional monitoring, even with the benefit of commingling with other waters, confirm that large quantities of pollutants are violating water quality standards throughout the

coalition area. *Id*. And, at least in those places where downstream violations have been detected, the coalition has surveyed for existing management practices and asked their members to perhaps employ additional management practices. However, there is no evidence, and certainly no "high likelihood," that more of the same management practices will achieve compliance with standards, either at the downstream monitoring sites and certainly not in the local receiving waters. Because there is effectively no monitoring of receiving waters adjacent to where the farms are discharging, the water quality standard violations occurring in those waters will remain undetected and the Regional Board will continue to proceed with no evidence demonstrating any likelihood that any current management practices will achieve standards in those waters. Even at the downstream monitoring sites, the record is clear that neither the Board nor the coalition can say whether the management practices will work.

Nothing in the available evidence suggests that the Proposed WDRs' regional monitoring requirement can detect violations of water quality standards in all upstream waters or evaluate the effectiveness of BMPs to prevent such violations well upstream of the regional monitoring locations. By omitting any measurements of what is happening in local waters adjacent to discharge locations, the Proposed WDRs cannot evaluate whether management practices are "tailored to a specific site and circumstances." Nor is there any evidence upon which the Regional Board could determine that implemented management practices are "highly likely" to be successful and attain standards in those upstream waters. There is no evidence of any studies or data demonstrating the effectiveness of any management practices in the Central Valley to achieve discharges that comply with water quality standards. By avoiding any edge of field or BMP monitoring until some undefined moment at the EO's discretion in the indefinite future, the Proposed WDRs assures the continuation of this information gap.

3. The Proposed WDRs fail to rely on the the weight of the evidence that the Proposed WDRs are consistent with Key Element 4 of the NPS Policy.

Key element 4 of the NPS Policy requires that "[a]n NPS pollution control implementation program must include sufficient feedback mechanisms so that the Regional Water Board, dischargers, and the public can determine whether the program is achieving its stated purpose, or whether additional or different management practices or other actions are required." Nonpoint Source Policy, p. 13. "In all cases the NPS control implementation program should describe the measures, protocols, and associated frequencies that will be used to verify the degree to which the MPs [management practices] are being properly implemented and are achieving the program's objectives, and/or to provide feedback for use in adaptive management." *Id*. "[I]f the program relies upon dischargers' use of MPs, there should be a strong correlation between the

specific MPs implemented and the relevant water quality requirements." *Id*., p. 12.

The Superior Court ruled that the existing waiver failed to achieve Key Element 4 for failing to include sufficient feedback mechanisms to protect both groundwater and high quality waters. Order, p. 21. There are no confirmed feedback mechanisms in the WDRs either. No mechanisms exist to either detect or react to violations of water quality objectives many miles upstream of the coalition's relatively few monitoring stations. Every potential future action by a discharger is first qualified by action by the executive officer only after trends in monitoring (even a violation of a standard does not assure this trigger is met). Nor is it clear how many violations must accrue before there is a trend. Nor is there any effort yet for the board to determine what the existing water quality is and identify the high quality water that has been achieved any time in the past.

As previously discussed, expert evidence shows that the Renewed Waivers regional monitoring requirements are indeed incapable of identifying the effectiveness of upstream management practices. Bond Comments; McHenry Comments. And the fact that, even after eight years of implementation, the Westside Coalition has not produced any information describing the locations of management practices actually in place in the coalition's area and the effectiveness of such practices, roundly demonstrates that the Proposed WDRs have no feedback mechanism to evaluate MPs, especially one designed to establish "a strong correlation between the specific MPs implemented and the relevant water quality requirements."

Nor do the truncated FERs proposed by the WDRs inform either the Regional Board or the public about the effectiveness of those management practices. No maps will certainly be provided of any specific farm and its discharges. Proposed WDRs, p. 28, n. 24. The FERs will remain sequestered in the third-party's files unless and until the Regional Board staff chooses at its discretion to obtain a copy. Nor will those reports indicate any useful information about whether MPs are being properly implemented. Nonpoint Source Policy, p. 13. Thus, the Proposed WDRs do not contain feedback mechanisms by which either the Regional Board or the public could "determine whether the program is achieving its stated purpose, or whether additional or different management practices or other actions are required." *Id*.

F. Various Plans and Reports Identified As Subject Only to Review and Approval by the Executive Director Should Be Presented to the Regional Board for Review and Approval

The Proposed WDRs delegate considerable discretion to the Executive Director to review and approve third-parties and various plans. These include the initial approval of one or more third-parties to implement the WDRs

(Proposed WDRs, p. 30 (¶ VIII.A), Sediment and Erosion Control Plans (*Id*., p. 29 (¶ VII.C)), Nitrogen Management Plans (*Id*., p. 30 ((¶ VII.D), Surface Water Quality Management Plans ("SQMP") (*Id*., p. 37 (¶ VIII.H.1), and Groundwater Quality Management Plans ("GQMP") (*Id*.). The Proposed WDRs also would authorize the Executive Officer to waive the preparation of a SQMP or GQMP. *Id*., p. 37 ((¶ VIII.H.3). Each of these plans and approvals involve the election of waste discharge requirements and, as a result, cannot be delegated to the Executive Officer but must instead be reviewed and approved by the Regional Board itself.

Water Code § 13223(a) provides that "[e]ach regional board may delegate any of its powers and duties vested in it by this division to its executive officer excepting only the following: … (2)the issuance, modification, or revocation of any … waste discharge requirement…." Water Code § 13223(a)(2).

SQMPs and GQMPs plainly constitute waste discharge requirements. The Plans' requirements including establishing time schedule, performance goals, and monitoring locations, which are the types of requirements included in WDRs. *See* Appendix MRP-1. In particular, there can be no dispute that time schedules are waste discharge requirements specifically identified by Section 13263(c): "The requirements may contain a time schedule, subject to revision in the discretion of the board." *See also, e.g.* 33 U.S.C. § 1362(11) (in NPDES permits, WDRs also serve as effluent limitations which are defined as "any restriction established by a State or the Administrator on quantities, rates, and concentrations of chemical, physical, biological, and other constituents…, including schedules of compliance"). Because the SQMP and GQMP both propose to incorporate compliance schedules set fort in the WDRs, both of those plans constitute WDRs that cannot be delegated by the Board to the Executive Officer.

Because the SQMP and GQMP are both WDRs, any decision to waive those requirements also cannot be delegated to the Executive Officer. That proposed provision must be brought to the regional Board for action. *See* Proposed WDRs*,* p. 37 ((¶ VIII.H.3).

What sediment and erosion control measures may be applied and who may apply them is left to the as yet to be identified third party. (Proposed WDRs, pp. 29-30 (¶ VII.C)). This provision effectively delegates all WDRs associated with sediment discharges to the dischargers' representative, subject only to the approval of the Executive officer. These sediment and erosion WDRs must be reviewed and approved or disapproved by the Regional Board. Water Code § 13223(a)(2).

The Nitrogen Management Plan and Nitrogen Management Plan Summary Report plainly include WDRs that cannot be delegated to the Executive

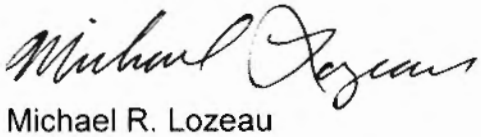
Officer. These are the primary mechanisms relied upon by the Proposed WDRs to control nitrate discharges to groundwater. The WDRs do not bother to adopt a template, instead leaving that of the Executive Officer. The plans themselves ask the third party to self-regulate subject only to the approval of the executive Officer. These substantive discharge requirements must be reviewed and approved by the Regional Board using their public decision-making process.

Consistency with Water Code § 13223(a)(2) is not achieved by merely authorizing discretionary review by the Regional Board of Executive Officer decisions that cannot be delegated to the EO in the first place. Discretionary review that need not be exercised by the regional Board for any or no reason still improperly delegates the above WDR decisions to the Executive Officer. All of the above identified decisions must be made by the regional Board itself.

CONCLUSION

Why is staff in such a hurry to have the Board make a determination to allow degradation of water quality throughout the Watershed? In effect, staff is asking the Board to erase the high quality waters policy from the irrigated lands program coalition-by-coalition. If the Board agrees that, despite the absence of any information about where the high quality waters may be or any details about any particular discharger in this entire watershed, everyone in the watershed can degrade waters down to standards, then all future renewals of the WDRs will be relieved of having to deal with high quality waters. Such a wholesale retreat from the purpose and goals of the Policy is simply unprecedented. The Board should reject the WDRs and request staff to prepare WDRs that address each of the above comments and prevent, rather than embrace, degradation of water quality.

Sincerely,



Michael R. Lozeau
Lozeau Drury LLP
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EXHIBIT A

Date: 1 December 2013

From: Steve Bond

To: Michael Lozeau, Lozeau/Drury LLP
410 12th Street, Suite 250 Oakland, CA 94607
michael@lozeaudrury.com

Subject: Irrigated Lands Regulatory Program, Westside San Joaquin River Watershed, Proposed Waste Discharge Requirements (WDRs), Surface Water Monitoring and Sampling, 2008 through 2012, Orestimba Creek at Highway 33 and at River Road and San Joaquin River at Lander Ave.

The proposed Waste Discharge Requirements lack a representative monitoring program and as a result are not protective of the beneficial uses within the Western San Joaquin River watershed. Further, recent monitoring data indicates some or all of the water within the watershed remains of high quality if only periodically throughout the year. Most monitored parameters were not detectable at certain points throughout the recent sampling period of 2008 through 2012. A comparative examination of upstream and downstream monitoring data on Orestimba Creek shows that the downstream monitoring station is not representative of water quality conditions only miles upstream.

Because the protection of the beneficial uses of waters of the State is a function of the ability to monitor those waters to determine their quality, it is absolutely imperative that a representative monitoring program be in place. Yet, the proposed permit fails to provide basic protections of water quality.

The Western San Joaquin River Watershed region includes over 820 square miles of watershed and is drained by more than 380 linear miles of named surface watercourses that are, or could be, affected by discharges of waste from irrigated lands; this area does not include surface watercourses in the foothill and mountainous regions of the third-party area, where there are few irrigated lands operations (WDR Finding 13). The entire watershed contributes to the waters flowing through the major surface watercourses. The surface water flow from the upland regions helps to dilute the pollutants in the major watercourses in the lower watershed, but does not dilute the pollution in tributary watercourses with headwaters in the lowland areas most affected by agricultural activities. Monitoring only the major watercourses at the downstream-most position of the watershed completely disregards the protection of the beneficial uses of these smaller tributaries.

Evaluating the effectiveness of a technology or a practice requires that the change in water quality attributable to the specific practice or technology be verified. To do that a reference sample from the point of discharge and then a comparison sample taken from the same location after the

technology or practice is implemented must be collected and analyzed. In actual practice, multiple samples over a range of operating conditions must be collected to verify positive changes. It is not reasonable to think that the effectiveness of a technology or practice can be known without verifying it by testing the discharge water. This requires monitoring at the edge of the field by collecting and testing the water samples before the discharge water is mixed and diluted.

It is not possible to evaluate the effectiveness of a farm's water treatment system or of its management practice(s) (BMP) from a distant downstream monitoring location. Between the point of discharge and the point of sample collection, the discharge water is mixed and diluted. Other waters from natural and industrial sources of unknown quality and character such as other agricultural discharges alter and mask the defining character of the discharge water. Any changes in water quality due to a particular management practice at a farm is concealed within this soup of waters and pollutants, thus the performance of the BMP is essentially unknowable. The point of discharge is the only representative monitoring point for evaluating BMP performance.

The problem of determining the quality and character of distant upstream water conditions is made more difficult within a complex watershed composed of multiple sub-watersheds. In such cases like the Western San Joaquin River Watershed region each watershed must be individually evaluated and each discharge separately monitored. The downstream water quality is not representative of the

conditions in the sub-watersheds or of any point of discharge from the edge of the field. Downstream water quality may, at best reflect the gross average conditions of the dominant flows into the watershed; it will not provide information about small tributary streams, lesser flows, or conditions close to points of the individual agricultural discharge. The downstream water quality is not a valid measure of the water quality in any or all of the individual sub-watersheds. Given only downstream monitoring data, the specific conditions of individual upstream sub-watersheds are not effectively monitored and the beneficial uses of the upstream waters are left unprotected.

Analysis of Orestimba Creek Upstream and Downstream Monitoring Data:

To illustrate these above points I examined several monitoring data sets from the Irrigated Lands Regulatory Program, Westside San Joaquin River Watershed Coalition. To show the variability between upstream and downstream water quality within the same major watercourse separated by only 5 miles, I selected the upstream monitoring data from Orestimba Creek at Hwy 33 and compared it the downstream monitoring data from Orestimba Creek at River Road for comparison in Table 1. The two stations are located in the same waterway separated by approximately five miles of meandering watercourse. These data sets include data for the period from 2008 to 2012. Earlier data from multiple sources exist for these watersheds

probably dating back many decades, yet these recent data sets are readily accessible to the public and illustrate the problems of attempting to infer upstream conditions dozens of miles distant and from tributaries connected to the main waterway through a network of stream branches.

Table 1 shows the Orestimba Creek monitoring data of four parameters: the pesticides Chlorpyrifos, and DDT, and the levels of dissolved oxygen, and turbidity. The Hwy 33 station is upstream of the River Road station.

Chlorpyrifos:

Samples were collected on 29 days at both the upstream and downstream locations between 2008 and 2012. Both locations showed no detection of the chemical on 21 of those days.

On 14 July 2009, this toxic chemical was detected downstream at a concentration 100 times the water quality criteria, but was not detected in the upstream sample.

On 11 May 2010 it was detected downstream below the water quality criteria, but was not detected in the upstream sample.

On 8 June 2010 it was detected downstream at 14 times the water quality criteria and was detected in the upstream sample at 6 times the criteria.

On 14 July 2010 it was detected downstream at four times the water quality criteria and was detected in the upstream sample at twice the criteria.

In April 2011 and May 2011 the chemical was detected in the downstream location at 4 times the water quality criteria but was not detected upstream on either of those days.

On 12 September 2011, it was detected upstream at a concentration nearly 100 times the water quality criteria and was still detected upstream at 6.4 times the criteria the following day while the downstream sample showed no detection. This is the opposite of what one might have inferred from previous detections downstream.

From this data the locations or numbers of sources of the chemical pollution cannot be known, and therefore the downstream monitoring station cannot be relied on to infer upstream conditions.

DDT:

Samples were collected on 30 days at both the upstream and downstream locations between 2008 and 2012. Both locations showed no detection of the chemical on 23 of those days.

On 14 July 2010 DDT was detected upstream at nine times the water quality criteria but was not detected in the downstream sample.

On 10 August 2010 DDT was detected upstream at 8.5 times the water quality criteria but was not detected in the downstream sample.

On 12 July 2011 DDT was detected upstream at nine times the water quality criteria but was not detected in the

downstream sample.

On 8 August 2011 DDT was detected upstream at 41 times the water quality criteria, DDT was detected in the downstream sample below the water quality criteria.

On 10 July 2012 DDT was detected upstream at 43 times the water quality criteria but was not detected in the downstream sample.

On 14 August 2012 DDT was detected upstream at 110 times the water quality criteria but was not detected in the downstream sample.

From this DDT data it is apparent that the downstream monitoring cannot rely on the downstream monitoring station to know upstream water quality conditions. In these cases, the upstream station area was dangerously impaired due to very high concentration of DDT, but was not detectable at the downstream station.

Dissolved Oxygen:

Dissolved Oxygen (DO) samples were collected on 38 days at both the upstream and downstream locations between 2008 and 2012. Individually, the upstream location was monitored on 45 days and the downstream location was monitored 44 days.

The upstream location had DO values below the 6.5 mg/L criteria on 32 of 45 days, 71% of the time. The downstream location had DO values below the 6.5 mg/L criteria on 26 of its 44 days, 59% of the time. In other words, the

downstream station had better water quality conditions than the upstream location in 63% of the sampling events, thus indicating that the downstream conditions is not predictive of upstream conditions.

On eight days, the downstream station measured DO levels above the 6.5 mg/L criteria while the upstream station measured DO concentrations below the criteria (21%).

The extreme difference occurred on 10 May 2010 when the upstream location DO dropped to 2.1 mg/L while the downstream station DO was measured as 7.4 mg/L. On that day the downstream station recorded acceptable DO levels while the upstream location was highly toxic to aquatic life while being all but depleted of DO.

The DO data from both locations clearly shows that the downstream conditions are not predictive of upstream conditions.

Turbidity:

Dissolved Oxygen (DO) samples were collected at both the upstream and downstream locations on 15 days between 2008 and 2012.

On 10 September 2008 the upstream station was 9 times more turbid than the downstream station. The opposite was observed in February 2009.

On 18 February 2009 the downstream station was 7 times more turbid than the upstream station.

The upstream station was significantly more turbid than the downstream station on 10 May 2011, 12 July 2011, and 13 September 2011.

Based on the turbidity values, the downstream station had better water quality conditions than the upstream station 73% of the time, or in 73% of the same day monitoring events. Clearly, the downstream location is not a valid monitoring location to determine upstream water quality conditions for turbidity.

Table 1 Conclusions

The water quality conditions at the downstream stations cannot be relied upon to determine the conditions at the upstream station even though it is in the same watercourse only 5 miles upstream. At certain times, toxic conditions have been found at the upstream station when good to high quality water conditions are found at the same time at the downstream station. From the chlorpyrifos data I found that the locations or numbers of sources of the chemical pollution cannot be known, and that the downstream monitoring station could not be relied on to infer upstream conditions. From the DDT data I found that the upstream station area was at times dangerously impaired due to very high concentration of DDT, but that DDT was not detectable at the downstream station. The dissolved oxygen data showed that the downstream station had better water quality conditions than the upstream location in 63% of the

sampling events.

A history of Non-Detection of Pollutants.

I also reviewed the monitoring data from the San Joaquin River at Lander Avenue and prepared a tabular analysis of the monitoring data from both of the stations. These data sets were collected from the period 2008 through 2012. Earlier data collections will be useful to better identify the high quality of the waters in this region going back more than 40 years.

Table 2 (Orestimba Creek at Hwy 33).

Table 2 lists 80 parameters, 10 of which can classified as aggregate or in some cases indicator parameters. Of the 70 non-aggregate parameters, 34 of the chemical components (49%) have not been detected during the 2008 through 2012 period of monitoring. These include: Aldicarb, Total, Aldrin, Total, Arsenic, Total, Atrazine, Total, Azinphos Methyl, Total, Carbaryl, Total, Carbofuran, Total, Chlordane, cis-, Total, Cyanazine, Total, Demeton-s, Total, Dichlorvos, Total, Disulfoton, Total, Endosulfan II, Total, Endosulfan Sulfate, Total, EPTC, Total, HCH, alpha-, Total, HCH, beta-, Total, HCH, delta-, Total, HCH, gamma-, Total, Heptachlor Epoxide, Total, Heptachlor, Total, Lead, Dissolved, Linuron, Total, Malathion, Total, Methidathion, Total, Methiocarb, Total, Methomyl, Total, Methoxychlor, Total, Oxamyl, Total,

Parathion, Ethyl, Total, Parathion, Methyl, Total, Phorate, Total, Phosmet, Total, Simazine, Total, Trifluralin, Total. These represent 49 percent of the target pollutants having not been found in any concentration in the areas that were monitored. In addition, only 13 of the non-aggregate parameters representing 19 percent of the target pollutants were always detectable. The remainder were periodically detected.

The ever-present parameters from table 2 include metals, salts, nutrients and pathogens which included the following: Boron, Total, Coliform, Fecal Copper, Dissolved, Copper, Total, E. coli, Lead, Total, Nickel, Dissolved, Nickel, Total, Nitrate + Nitrite as N, Total, Nitrogen, Total Kjeldahl, Total, Phosphate as P, Total, Selenium, Total, Zinc, Total.

Table 3 (San Joaquin River at Lander Avenue).

Table 3 list 80 parameters, 10 of which can classified as aggregate or in some cases indicator parameters. Of the 70 non-aggregate parameters, 44 of the chemical components (63%) have not been detected during the 2008 through 2012 period of monitoring. These include: Aldicarb, Total, Aldrin, Total, Atrazine, Total, Azinphos Methyl, Total, Carbaryl, Total, Carbofuran, Total, Chlordane, cis-, Total, Chlordane, trans-, Total, Chlorpyrifos, Total, Cyanazine, Total, DDD(p,p'), Total, DDE(p,p'), Total,

DDT(p,p'), Total, Demeton-s, Total, Diazinon, Total, Dichlorvos, Total, Dicofol, Total, Dieldrin, Total, Dimethoate, Total, Disulfoton, Total, Endosulfan I, Total, Endosulfan II, Total, Endosulfan Sulfate, Total, Endrin, Total, HCH, alpha-, Total, HCH, beta-, Total, HCH, delta-, Total, HCH, gamma-, Total, Heptachlor Epoxide, Total, Heptachlor, Total, Linuron, Total, Methamidophos, Total, Methidathion, Total, Methiocarb, Total, Methomyl, Total, Methoxychlor, Total, Oxamyl, Total, Parathion, Methyl, Total, Pendimethalin, Total, Phorate, Total, Phosmet, Total, Simazine, Total, Toxaphene, Total, Trifluralin, Total. These represent 63 percent of the target pollutants having not been found in any concentration in the areas that were monitored. In addition, only 12 of the non-aggregate parameters representing 17 percent of the target pollutants were always detectable. The remainder were periodically detected.

The ever-present parameters from table 3 include metals, salts, nutrients and pathogens which included the following: Arsenic, Total, Boron, Total, Coliform, Fecal, Copper, Dissolved, Copper, Total, E. coli, Lead, Total, Nickel, Dissolved, Nickel, Total, Phosphate as P, Total, Selenium, Total, Zinc, Total

Table 2 and 3 Summary

Most, between 71% and 72% of the monitored chemical components at San Joaquin at Lander Avenue were either never detected, or were periodically not detected. Excluding the aggregate or indicator parameters this equates to more than 80% not being detected all the time or some of the time.

Westside San Joaquin River Watershed Coalition									
WSJRWC Monitoring under ILRP MRP Order R5-2008-005									
Orestimba Creek		@ Hwy 33					@ River Rd.		
sample date	parameter	station	units			sample date	parameter	station	units
		concentration						concentration	
	Chlorpyrifos	USEPA National Ambient Water Quality Criteria							
		For Freshwater Aquatic Life 4 Day Average (0.014µg/L), the 1 hour average (0.02 µg/L)							
2/18/09	Chlorpyrifos, Total	*nd*	ug/L			2/18/09	Chlorpyrifos, Total	0.0081	ug/L
3/10/09	Chlorpyrifos, Total	*nd*	ug/L			3/10/09	Chlorpyrifos, Total	*nd*	ug/L
4/14/09	Chlorpyrifos, Total	*nd*	ug/L						
5/12/09	Chlorpyrifos, Total	*nd*	ug/L			5/12/09	Chlorpyrifos, Total	*nd*	ug/L
6/9/09	Chlorpyrifos, Total	*nd*	ug/L			6/9/09	Chlorpyrifos, Total	*nd*	ug/L
7/14/09	Chlorpyrifos, Total	*nd*	ug/L			7/14/09	Chlorpyrifos, Total	1.6	ug/L
8/11/09	Chlorpyrifos, Total	*nd*	ug/L			8/11/09	Chlorpyrifos, Total	0.078	ug/L
10/15/09	Chlorpyrifos, Total	*nd*	ug/L			10/15/09	Chlorpyrifos, Total	*nd*	ug/L
1/26/10	Chlorpyrifos, Total	*nd*	ug/L			1/26/10	Chlorpyrifos, Total	*nd*	ug/L
3/9/10	Chlorpyrifos, Total	*nd*	ug/L			3/9/10	Chlorpyrifos, Total	*nd*	ug/L
4/13/10	Chlorpyrifos, Total	*nd*	ug/L			4/13/10	Chlorpyrifos, Total	*nd*	ug/L
5/11/10	Chlorpyrifos, Total	*nd*	ug/L			5/11/10	Chlorpyrifos, Total	0.011	ug/L
6/8/10	Chlorpyrifos, Total	0.079	ug/L			6/8/10	Chlorpyrifos, Total	0.2	ug/L
7/14/10	Chlorpyrifos, Total	0.032	ug/L			7/14/10	Chlorpyrifos, Total	0.06	ug/L
8/10/10	Chlorpyrifos, Total	*nd*	ug/L			8/10/10	Chlorpyrifos, Total	*nd*	ug/L
1/3/11	Chlorpyrifos, Total	*nd*	ug/L			1/3/11	Chlorpyrifos, Total	*nd*	ug/L
2/22/11	Chlorpyrifos, Total	*nd*	ug/L			2/22/11	Chlorpyrifos, Total	*nd*	ug/L
3/8/11	Chlorpyrifos, Total	*nd*	ug/L			3/8/11	Chlorpyrifos, Total	*nd*	ug/L
4/12/11	Chlorpyrifos, Total	*nd*	ug/L			4/12/11	Chlorpyrifos, Total	0.068	ug/L
5/10/11	Chlorpyrifos, Total	*nd*	ug/L			5/10/11	Chlorpyrifos, Total	0.054	ug/L
6/14/11	Chlorpyrifos, Total	*nd*	ug/L			6/14/11	Chlorpyrifos, Total	*nd*	ug/L

Table 1

Westside San Joaquin River Watershed Coalition									
WSJRWC Monitoring under ILRP MRP Order R5-2008-005									
Orestimba Creek		@ Hwy 33					@ River Rd.		
sample date	parameter	station	units			sample date	parameter	station	units
		concentration						concentration	
7/12/11	Chlorpyrifos, Total	*nd*	ug/L			7/12/11	Chlorpyrifos, Total	*nd*	ug/L
8/9/11	Chlorpyrifos, Total	*nd*	ug/L			8/9/11	Chlorpyrifos, Total	*nd*	ug/L
9/12/11	Chlorpyrifos, Total	1.3	ug/L						
9/13/11	Chlorpyrifos, Total	0.09	ug/L			9/13/11	Chlorpyrifos, Total	*nd*	ug/L
10/11/11	Chlorpyrifos, Total	*nd*	ug/L			10/11/11	Chlorpyrifos, Total	*nd*	ug/L
11/8/11	Chlorpyrifos, Total	*nd*	ug/L						
12/13/11	Chlorpyrifos, Total	*nd*	ug/L						
3/12/12	Chlorpyrifos, Total	0.79	ug/L						
3/13/12	Chlorpyrifos, Total	*nd*	ug/L			3/13/12	Chlorpyrifos, Total	*nd*	ug/L
4/10/12	Chlorpyrifos, Total	*nd*	ug/L			4/10/12	Chlorpyrifos, Total	*nd*	ug/L
5/8/12	Chlorpyrifos, Total	*nd*	ug/L						
5/8/12	Chlorpyrifos, Total	*nd*	ug/L						
6/12/12	Chlorpyrifos, Total	*nd*	ug/L			6/12/12	Chlorpyrifos, Total	*nd*	ug/L
7/10/12	Chlorpyrifos, Total	*nd*	ug/L			7/10/12	Chlorpyrifos, Total	*nd*	ug/L
8/14/12	Chlorpyrifos, Total	*nd*	ug/L			8/14/12	Chlorpyrifos, Total	*nd*	ug/L
	DDT	California Toxics Rule / USEPA National Ambient Water Quality Criteria							
		For Freshwater Aquatic Life 4 Day Average (0.001µg/L)							
2/18/09	DDT(p,p'), Total	*nd*	ug/L			2/18/09	DDT(p,p'), Total	*nd*	ug/L
3/10/09	DDT(p,p'), Total	*nd*	ug/L			3/10/09	DDT(p,p'), Total	*nd*	ug/L
4/14/09	DDT(p,p'), Total	*nd*	ug/L						
5/12/09	DDT(p,p'), Total	*nd*	ug/L			5/12/09	DDT(p,p'), Total	*nd*	ug/L
6/9/09	DDT(p,p'), Total	*nd*	ug/L			6/9/09	DDT(p,p'), Total	*nd*	ug/L

Table 1

Westside San Joaquin River Watershed Coalition								
WSJRWC Monitoring under ILRP MRP Order R5-2008-005								
Orestimba Creek		@ Hwy 33					@ River Rd.	
sample date	parameter	station	units		sample date	parameter	station	units
		concentration					concentration	
7/14/09	DDT(p,p'), Total	*nd*	ug/L		7/14/09	DDT(p,p'), Total	*nd*	ug/L
8/11/09	DDT(p,p'), Total	*nd*	ug/L		8/11/09	DDT(p,p'), Total	*nd*	ug/L
10/15/09	DDT(p,p'), Total	*nd*	ug/L		10/15/09	DDT(p,p'), Total	*nd*	ug/L
1/26/10	DDT(p,p'), Total	*nd*	ug/L		1/26/10	DDT(p,p'), Total	*nd*	ug/L
3/9/10	DDT(p,p'), Total	*nd*	ug/L		3/9/10	DDT(p,p'), Total	*nd*	ug/L
4/13/10	DDT(p,p'), Total	*nd*	ug/L		4/13/10	DDT(p,p'), Total	*nd*	ug/L
5/11/10	DDT(p,p'), Total	*nd*	ug/L		5/11/10	DDT(p,p'), Total	*nd*	ug/L
6/8/10	DDT(p,p'), Total	*nd*	ug/L		6/8/10	DDT(p,p'), Total	*nd*	ug/L
7/14/10	DDT(p,p'), Total	0.0091	ug/L		7/14/10	DDT(p,p'), Total	*nd*	ug/L
8/10/10	DDT(p,p'), Total	0.0085	ug/L		8/10/10	DDT(p,p'), Total	*nd*	ug/L
1/3/11	DDT(p,p'), Total	*nd*	ug/L		1/3/11	DDT(p,p'), Total	*nd*	ug/L
2/22/11	DDT(p,p'), Total	*nd*	ug/L		2/22/11	DDT(p,p'), Total	*nd*	ug/L
3/8/11	DDT(p,p'), Total	*nd*	ug/L		3/8/11	DDT(p,p'), Total	*nd*	ug/L
4/12/11	DDT(p,p'), Total	*nd*	ug/L		4/12/11	DDT(p,p'), Total	*nd*	ug/L
5/10/11	DDT(p,p'), Total	*nd*	ug/L		5/10/11	DDT(p,p'), Total	*nd*	ug/L
6/14/11	DDT(p,p'), Total	*nd*	ug/L		6/14/11	DDT(p,p'), Total	*nd*	ug/L
7/12/11	DDT(p,p'), Total	0.0093	ug/L		7/12/11	DDT(p,p'), Total	*nd*	ug/L
8/9/11	DDT(p,p'), Total	0.041	ug/L		8/9/11	DDT(p,p'), Total	0.0098	ug/L
9/13/11	DDT(p,p'), Total	*nd*	ug/L		9/13/11	DDT(p,p'), Total	*nd*	ug/L
10/11/11	DDT(p,p'), Total	*nd*	ug/L		10/11/11	DDT(p,p'), Total	*nd*	ug/L
11/8/11	DDT(p,p'), Total	*nd*	ug/L					
12/13/11	DDT(p,p'), Total	*nd*	ug/L		3/13/12	DDT(p,p'), Total	*nd*	ug/L
3/12/12	DDT(p,p'), Total	120	ng/g dw	*apparently a solids sample*				
3/13/12	DDT(p,p'), Total	*nd*	ug/L					
4/10/12	DDT(p,p'), Total	*nd*	ug/L		4/10/12	DDT(p,p'), Total	*nd*	ug/L

Table 1

Westside San Joaquin River Watershed Coalition								
WSJRWC Monitoring under ILRP MRP Order R5-2008-005								
Orestimba Creek		@ Hwy 33					@ River Rd.	
sample date	parameter	station	units		sample date	parameter	station	units
		concentration					concentration	
5/8/12	DDT(p,p'), Total	*nd*	ug/L					
6/12/12	DDT(p,p'), Total	*nd*	ug/L		6/12/12	DDT(p,p'), Total	*nd*	ug/L
7/10/12	DDT(p,p'), Total	0.043	ug/L		7/10/12	DDT(p,p'), Total	*nd*	ug/L
8/14/12	DDT(p,p'), Total	0.11	ug/L		8/14/12	DDT(p,p'), Total	*nd*	ug/L
	Dissolved Oxygen	USEPA National Ambient Water Quality Criteria						
		For Freshwater Aquatic Life 7-Day Mean cold water early stage (9.5 mg/L) other stage (6.5						
		mg/L, warm water column Minimum (6 mg/L) / 1 Day Minimum (3.0 mg/L)						
9/9/08	Oxygen, Dissolved, Total	5.53	mg/L		9/9/08	Oxygen, Dissolved, Total	5.46	mg/L
9/10/08	Oxygen, Dissolved, Total	5.03	mg/L		9/10/08	Oxygen, Dissolved, Total	6.1	mg/L
10/14/08	Oxygen, Dissolved, Total	6.38	mg/L		10/14/08	Oxygen, Dissolved, Total	8.31	mg/L
11/11/08	Oxygen, Dissolved, Total	6.58	mg/L					
1/13/09	Oxygen, Dissolved, Total	5.9	mg/L					
2/18/09	Oxygen, Dissolved, Total	6.89	mg/L		2/18/09	Oxygen, Dissolved, Total	5.95	mg/L
3/9/09	Oxygen, Dissolved, Total	7.99	mg/L		3/9/09	Oxygen, Dissolved, Total	7.82	mg/L
3/10/09	Oxygen, Dissolved, Total	8.01	mg/L		3/10/09	Oxygen, Dissolved, Total	6.98	mg/L
4/14/09	Oxygen, Dissolved, Total	6.4	mg/L					
5/12/09	Oxygen, Dissolved, Total	5.49	mg/L		5/12/09	Oxygen, Dissolved, Total	5.99	mg/L
6/9/09	Oxygen, Dissolved, Total	5.12	mg/L		6/9/09	Oxygen, Dissolved, Total	5.22	mg/L
7/14/09	Oxygen, Dissolved, Total	4.82	mg/L		7/14/09	Oxygen, Dissolved, Total	6.01	mg/L
8/11/09	Oxygen, Dissolved, Total	4.98	mg/L		8/11/09	Oxygen, Dissolved, Total	4.9	mg/L
9/14/09	Oxygen, Dissolved, Total	5.23	mg/L		9/14/09	Oxygen, Dissolved, Total	4.99	mg/L
					9/15/09	Oxygen, Dissolved, Total	5.44	mg/L

Table 1

Westside San Joaquin River Watershed Coalition									
WSJRWC Monitoring under ILRP MRP Order R5-2008-005									
Orestimba Creek		@ Hwy 33					@ River Rd.		
sample date	parameter	station	units			sample date	parameter	station	units
		concentration						concentration	
10/15/09	Oxygen, Dissolved, Total	6.75	mg/L			10/15/09	Oxygen, Dissolved, Total	6.1	mg/L
						11/10/09	Oxygen, Dissolved, Total	6.13	mg/L
1/26/10	Oxygen, Dissolved, Total	7.13	mg/L			1/26/10	Oxygen, Dissolved, Total	6.98	mg/L
						2/9/10	Oxygen, Dissolved, Total	7.01	mg/L
3/8/10	Oxygen, Dissolved, Total	6.45	mg/L			3/8/10	Oxygen, Dissolved, Total	7.31	mg/L
3/9/10	Oxygen, Dissolved, Total	6.45	mg/L			3/9/10	Oxygen, Dissolved, Total	7.31	mg/L
4/13/10	Oxygen, Dissolved, Total	7.13	mg/L			4/13/10	Oxygen, Dissolved, Total	7.31	mg/L
5/11/10	Oxygen, Dissolved, Total	7.2	mg/L			5/11/10	Oxygen, Dissolved, Total	5.56	mg/L
6/8/10	Oxygen, Dissolved, Total	3.49	mg/L			6/8/10	Oxygen, Dissolved, Total	4.51	mg/L
7/14/10	Oxygen, Dissolved, Total	6.09	mg/L			7/14/10	Oxygen, Dissolved, Total	6.72	mg/L
8/10/10	Oxygen, Dissolved, Total	6.33	mg/L			8/10/10	Oxygen, Dissolved, Total	8	mg/L
						12/14/10	Oxygen, Dissolved, Total	8.07	mg/L
9/13/10	Oxygen, Dissolved, Total	6.55	mg/L			1/3/11	Oxygen, Dissolved, Total		mg/L
1/3/11	Oxygen, Dissolved, Total	7.4	mg/L			1/11/11	Oxygen, Dissolved, Total	6.3	mg/L
						2/8/11	Oxygen, Dissolved, Total	8.2	mg/L
2/22/11	Oxygen, Dissolved, Total	9.01	mg/L			2/22/11	Oxygen, Dissolved, Total	7.81	mg/L
3/8/11	Oxygen, Dissolved, Total	6.17	mg/L			3/8/11	Oxygen, Dissolved, Total	6.81	mg/L
4/12/11	Oxygen, Dissolved, Total	5.86	mg/L			4/12/11	Oxygen, Dissolved, Total	5.42	mg/L
5/10/11	Oxygen, Dissolved, Total	2.1	mg/L			5/10/11	Oxygen, Dissolved, Total	7.38	mg/L
5/24/11	Oxygen, Dissolved, Total	7.08	mg/L			5/24/11	Oxygen, Dissolved, Total	7.09	mg/L
6/14/11	Oxygen, Dissolved, Total	6.18	mg/L			6/14/11	Oxygen, Dissolved, Total	6.27	mg/L
7/12/11	Oxygen, Dissolved, Total	5.33	mg/L			7/12/11	Oxygen, Dissolved, Total	5.39	mg/L
8/9/11	Oxygen, Dissolved, Total	4.29	mg/L			8/9/11	Oxygen, Dissolved, Total	5.13	mg/L
9/12/11	Oxygen, Dissolved, Total	5.2	mg/L			9/12/11	Oxygen, Dissolved, Total	5.51	mg/L
~~9/13/11~~	~~Oxygen, Dissolved, Total~~	~~99~~	~~mg/L~~			~~9/13/11~~	~~Oxygen, Dissolved, Total~~	~~98~~	~~mg/L~~

Table 1

Westside San Joaquin River Watershed Coalition								
WSJRWC Monitoring under ILRP MRP Order R5-2008-005								
Orestimba Creek		@ Hwy 33					@ River Rd.	
sample date	parameter	station	units		sample date	parameter	station	units
		concentration					concentration	
10/11/11	Oxygen, Dissolved, Total	5.03	mg/L		10/11/11	Oxygen, Dissolved, Total	5.15	mg/L
11/8/11	Oxygen, Dissolved, Total	4.1	mg/L					
12/13/11	Oxygen, Dissolved, Total	5.09	mg/L					
3/12/12	Oxygen, Dissolved, Total	5.35	mg/L		3/12/12	Oxygen, Dissolved, Total	7.03	mg/L
3/13/12	Oxygen, Dissolved, Total	5	mg/L		3/13/12	Oxygen, Dissolved, Total	4	mg/L
4/10/12	Oxygen, Dissolved, Total	4	mg/L		4/10/12	Oxygen, Dissolved, Total	5	mg/L
5/8/12	Oxygen, Dissolved, Total	4.36	mg/L					
6/12/12	Oxygen, Dissolved, Total	4.55	mg/L		6/12/12	Oxygen, Dissolved, Total	5.43	mg/L
7/10/12	Oxygen, Dissolved, Total	4.81	mg/L		7/10/12	Oxygen, Dissolved, Total	6.03	mg/L
8/14/12	Oxygen, Dissolved, Total	5.1	mg/L		8/14/12	Oxygen, Dissolved, Total	6.21	mg/L
	Turbidity	Central Valley Regional Water Quality Control Plan						
		"Where natural turbidity is between 5 and 50 NTU's increases shall not exceed 20						
		percent" (from 6 to 60 NTU's)						
9/10/08	Turbidity, Total	150	NTU		9/10/08	Turbidity, Total	17	NTU
10/14/08	Turbidity, Total	24	NTU		10/14/08	Turbidity, Total	20	NTU
11/11/08	Turbidity, Total	24	NTU					
1/13/09	Turbidity, Total	37	NTU					
2/18/09	Turbidity, Total	19	NTU		2/18/09	Turbidity, Total	140	NTU
					3/10/09	Turbidity, Total	10	NTU
					5/12/09	Turbidity, Total	22	NTU
					6/9/09	Turbidity, Total	26	NTU

Westside San Joaquin River Watershed Coalition								
WSJRWC Monitoring under ILRP MRP Order R5-2008-005								
Orestimba Creek		@ Hwy 33					@ River Rd.	
sample date	parameter	station	units		sample date	parameter	station	units
		concentration					concentration	
					7/14/09	Turbidity, Total	67	NTU
					8/11/09	Turbidity, Total	53	NTU
					9/15/09	Turbidity, Total	6.8	NTU
10/15/09	Turbidity, Total	52	NTU		10/15/09	Turbidity, Total	32	NTU
					11/10/09	Turbidity, Total	36	NTU
1/26/10	Turbidity, Total	60	NTU		1/26/10	Turbidity, Total	180	NTU
					2/9/10	Turbidity, Total	15	NTU
					3/9/10	Turbidity, Total	20	NTU
					4/13/10	Turbidity, Total	190	NTU
					5/11/10	Turbidity, Total	83	NTU
					6/8/10	Turbidity, Total	150	NTU
					7/14/10	Turbidity, Total	51	NTU
					8/10/10	Turbidity, Total	56	NTU
					12/14/10	Turbidity, Total	16	NTU
					12/14/10	Turbidity, Total	16	NTU
1/3/11	Turbidity, Total	35	NTU		1/3/11	Turbidity, Total	35	NTU
					1/11/11	Turbidity, Total	9.2	NTU
					2/8/11	Turbidity, Total	28	NTU
2/22/11	Turbidity, Total	31	NTU		2/22/11	Turbidity, Total	13	NTU
3/8/11	Turbidity, Total	16	NTU		3/8/11	Turbidity, Total	11	NTU
4/12/11	Turbidity, Total	15	NTU		4/12/11	Turbidity, Total	22	NTU
5/10/11	Turbidity, Total	120	NTU		5/10/11	Turbidity, Total	23	NTU
6/14/11	Turbidity, Total	45	NTU		6/14/11	Turbidity, Total	23	NTU
7/12/11	Turbidity, Total	120	NTU		7/12/11	Turbidity, Total	75	NTU
8/9/11	Turbidity, Total	150	NTU		8/9/11	Turbidity, Total	130	NTU

Table 1

Westside San Joaquin River Watershed Coalition									
WSJRWC Monitoring under ILRP MRP Order R5-2008-005									
Orestimba Creek		@ Hwy 33					@ River Rd.		
sample date	parameter	station	units			sample date	parameter	station	units
		concentration						concentration	
9/13/11	Turbidity, Total	100	NTU			9/13/11	Turbidity, Total	60	NTU
10/11/11	Turbidity, Total	75	NTU			10/11/11	Turbidity, Total	35	NTU
11/8/11	Turbidity, Total	39	NTU						
12/13/11	Turbidity, Total	230	NTU						
						3/13/12	Turbidity, Total	21	NTU
						4/10/12	Turbidity, Total	17	NTU
						6/12/12	Turbidity, Total	170	NTU
						7/10/12	Turbidity, Total	95	NTU
						8/14/12	Turbidity, Total	340	NTU

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Aldicarb, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.20				
	RL	0.40				
	Unit	ug/L				
Aldrin, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.009	0.01			
	RL	0.01				
	Unit	ug/L				
Ammonia as N, Total					9/10/08	12/13/11
	Max	1.30				
	Min	0.00			sample count	19
	MDL (range)	0.04	0.06			
	RL	0.10				
	Unit	mg/L				
Arsenic, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.95			sample count	26
	MDL (range)	0.01				
	RL	0.50				
	Unit	ug/L				
Atrazine, Total					3/10/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.02	0.07			
	RL	0.50				
	Unit	ug/L				
Azinphos Methyl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.02	0.02			
	RL	0.10				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Boron, Total					2/18/09	8/14/12
	Max	455.00				
	Min	140.00			sample count	27
	MDL (range)	0.47				
	RL	10.00				
	Unit	ug/L				
Bromide, Total					9/10/08	12/13/11
	Max	0.53				
	Min	0.00			sample count	18
	MDL (range)	0.01				
	RL	1.00				
	Unit	mg/L				
Cadmium, Dissolved					3/10/09	8/14/12
	Max	0.04				
	Min	0.00			sample count	26
	MDL (range)	0.011	0.05			
	RL	0.10				
	Unit	ug/L				
Cadmium, Total					2/18/09	8/14/12
	Max	0.13				
	Min	0.00			sample count	26
	MDL (range)	0.011	0.05			
	RL	0.10				
	Unit	ug/L				
Carbaryl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				
Carbofuran, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Chlordane, cis-, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
Chlordane, trans-, Total					2/18/09	8/14/12
	Max	0.01				
	Min	0.00			sample count	33
	MDL (range)	0.006	0.01			
	RL	0.01				
	Unit	ug/L				
Chlorpyrifos, Total					2/18/09	8/14/12
	Max	1.30				
	Min	0.00			sample count	36
	MDL (range)	0.0026	0.13			
	RL	0.02				
	Unit	ug/L				
Coliform, Fecal					9/10/08	2/18/09
	Max	900.00				
	Min	130.00			sample count	5
	MDL (range)	2	2.00			
	RL	2				
	Unit	MPN/100 mL				
Copper, Dissolved					3/10/09	8/14/12
	Max	2.90				
	Min	0.61			sample count	26
	MDL (range)	0.06	0.07			
	RL	0.5				
	Unit	ug/L				
Copper, Total					2/18/09	8/14/12
	Max	36.00				
	Min	2.60			sample count	26
	MDL (range)	0.06	0.07			
	RL	0.5				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Cyanazine, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.09	0.09			
	RL	0.50				
	Unit	ug/L				
DDD(p,p'), Total					2/18/09	8/14/12
	Max	17.00				
	Min	0.00			sample count	34
	MDL (range)	0.003	2.50			
	RL	0.01				
	Unit	ug/L				
DDE(p,p'), Total					2/18/09	8/14/12
	Max	330.00				
	Min	0.00			sample count	34
	MDL (range)	0.004	###			
	RL	0.01				
	Unit	ug/L				
DDT(p,p'), Total					2/18/09	8/14/12
	Max	120.00				
	Min	0.00			sample count	34
	MDL (range)	0.007	1.90			
	RL	0.01				
	Unit	ug/L				
Demeton-s, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	-88	0.08			
	RL	0.20				
	Unit	ug/L				
Diazinon, Total					2/18/09	8/14/12
	Max	3.00				
	Min	0.00			sample count	36
	MDL (range)	0.004	0.10			
	RL	0.02				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Dichlorvos, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.02	0.02			
	RL	0.20				
	Unit	ug/L				
Dicofol, Total					2/18/09	8/14/12
	Max	0.02				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.10				
	Unit	ug/L				
Dieldrin, Total					2/18/09	8/14/12
	Max	0.01				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.08			
	RL	0.01				
	Unit	ug/L				
Dimethoate, Total					2/18/09	8/14/12
	Max	0.57				
	Min	0.00			sample count	34
	MDL (range)	0.08	0.08			
	RL	0.10				
	Unit	ug/L				
Discharge					9/9/08	8/14/12
	Max	33.33				
	Min	0.00			sample count	37
	MDL (range)	0	0.00			
	RL	0.00				
	Unit	cfs				
Dissolved Organic Carbon, Dissolved					9/10/08	12/13/11
	Max	8.90				
	Min	2.50			sample count	19
	MDL (range)	0.1	0.30			
	RL	0.50				
	Unit	mg/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Disulfoton, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.02	0.02			
	RL	0.10				
	Unit	ug/L				
Diuron, Total					2/18/09	8/14/12
	Max	1.80				
	Min	0.00			sample count	33
	MDL (range)	0.2	0.20			
	RL	0.40				
	Unit	ug/L				
E. coli					9/10/08	12/13/11
	Max	2400.00				
	Min	71.00			sample count	19
	MDL (range)	1	1.00			
	RL	1.00				
	Unit	MPN/100 mL				
Endosulfan I, Total					2/18/09	8/14/12
	Max	0.06				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
Endosulfan II, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.004	0.00			
	RL	0.01				
	Unit	ug/L				
Endosulfan Sulfate, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Endrin, Total					2/18/09	8/14/12
	Max	0.02				
	Min	0.00			sample count	33
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
EPTC, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.03	0.03			
	RL	0.10				
	Unit	ug/L				
Hardness as CaCO3, Total					2/18/09	8/14/12
	Max	540.00				
	Min	90.00			sample count	32
	MDL (range)	1.7	8.50			
	RL	20.00				
	Unit	mg/L				
HCH, alpha-, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
HCH, beta-, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				
HCH, delta-, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
HCH, gamma-, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
Heptachlor Epoxide, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
Heptachlor, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				
Lead, Dissolved					4/14/09	2/18/09
	Max	0.00				
	Min	0.00			sample count	25
	MDL (range)	0.03	0.07			
	RL	0.25				
	Unit	ug/L				
Lead, Total					2/18/09	8/14/12
	Max	11.00				
	Min	0.36			sample count	26
	MDL (range)	0.03	0.07			
	RL	0.25				
	Unit	ug/L				
Linuron, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.2	0.20			
	RL	0.40				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Malathion, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.05	0.05			
	RL	0.10				
	Unit	ug/L				
Methamidophos, Total					2/18/09	8/14/12
	Max	0.38				
	Min	0.00			sample count	36
	MDL (range)	0.08	0.10			
	RL	0.20				
	Unit	ug/L				
Methidathion, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.04	0.04			
	RL	0.10				
	Unit	ug/L				
Methiocarb, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.2	0.20			
	RL	0.40				
	Unit	ug/L				
Methomyl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				
Methoxychlor, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	33
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Nickel, Dissolved					3/10/09	8/14/12
	Max	3.30				
	Min	1.10			sample count	26
	MDL (range)	0.01	0.06			
	RL	0.50				
	Unit	ug/L				
Nickel, Total					2/18/09	8/14/12
	Max	28.00				
	Min	3.30			sample count	26
	MDL (range)	0.01	0.06			
	RL	0.50				
	Unit	ug/L				
Nitrate + Nitrite as N, Total					9/10/08	12/13/11
	Max	6.40				
	Min	0.20			sample count	19
	MDL (range)	0.02	0.20			
	RL	0.10				
	Unit	mg/L				
Nitrogen, Total Kjeldahl, Total					9/10/08	12/13/11
	Max	1.90				
	Min	0.21			sample count	19
	MDL (range)	0.06	0.07			
	RL	0.10				
	Unit	mg/L				
OrthoPhosphate as P, Dissolved					9/10/08	12/13/11
	Max	0.12				
	Min	0.00			sample count	19
	MDL (range)	0.006	0.01			
	RL	0.01				
	Unit	mg/L				
Oxamyl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	21
	MDL (range)	0.2	0.20			
	RL	0.40				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Oxygen, Dissolved, Total					9/9/08	8/14/12
	Max	9.01				
	Min	2.10			sample count	45
	MDL (range)	0	0.00			
	RL	0.00				
	Unit	mg/L				
Parathion, Ethyl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.02	0.02			
	RL	0.10				
	Unit	ug/L				
Parathion, Methyl, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.075	0.08			
	RL	0.10				
	Unit	ug/L				
Pendimethalin, Total					2/18/09	3/12/12
	Max	2.10				
	Min	0.00			sample count	36
	MDL (range)	0.04	0.12			
	RL	0.10				
	Unit	ug/L				
pH					9/9/08	8/14/12
	Max	8.80				
	Min	5.83			sample count	45
	MDL (range)	0	0.00			
	RL	0.00				
	Unit	none				
Phorate, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.072	0.07			
	RL	0.10				
	Unit	ug/L				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Phosmet, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.06	0.06			
	RL	0.20				
	Unit	ug/L				
Phosphate as P, Total					9/10/08	12/13/11
	Max	0.63				
	Min	0.04			sample count	19
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	mg/L				
Selenium, Total					2/18/09	8/14/12
	Max	9.10				
	Min	0.26			sample count	26
	MDL (range)	0.06	0.13			
	RL	1				
	Unit	ug/L				
Simazine, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.08	0.08			
	RL	0.50				
	Unit	ug/L				
SpecificConductivity, Total					9/9/08	8/14/12
	Max	1241.00				
	Min	220.00			sample count	46
	MDL (range)	10	10			
	RL	0.00				
	Unit	uS/cm				
Temperature					9/9/08	8/14/12
	Max	29.23				
	Min	6.10			sample count	45
	MDL (range)	0	0.00			
	RL	0.00				
	Unit	Deg C				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Total Dissolved Solids, Dissolved					9/10/08	12/13/11
	Max	550.00				
	Min	200.00			sample count	19
	MDL (range)	4	8.00			
	RL	10.00				
	Unit	mg/L				
Total Organic Carbon, Total					9/10/08	3/12/12
	Max	10000.00				
	Min	2.40			sample count	21
	MDL (range)	0.10				
	RL	0.50				
	Unit	mg/L /	mg/Kg dw			
Total Suspended Solids, Particulate					9/10/08	4/14/09
	Max	2100.00				
	Min	11.00			sample count	18
	MDL (range)	2.00				
	RL	3.00				
	Unit	mg/L				
Toxaphene, Total					2/18/09	8/14/12
	Max	0.50				
	Min	0.00			sample count	33
	MDL (range)	0.38	0.38			
	RL	0.50				
	Unit	ug/L				
Trifluralin, Total					2/18/09	8/14/12
	Max	0.00				
	Min	0.00			sample count	34
	MDL (range)	0.036	0.04			
	RL	0.10				
	Unit	ug/L				
Turbidity, Total					9/10/08	12/13/11
	Max	230.00				
	Min	15.00			sample count	19
	MDL (range)	0.02	0.75			
	RL	0.50				
	Unit	NTU				

Orestimba Creek @ Hwy 33					*9/9/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Zinc, Dissolved					3/10/09	8/14/12
	Max	11.00				
	Min	0.00			sample count	26
	MDL (range) (	0.5	0.80			
	RL	1				
	Unit	ug/L				
Zinc, Total					2/18/09	8/14/12
	Max	72.00				
	Min	3.80			sample count	26
	MDL (range)	0.5	0.80			
	RL	1				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Aldicarb, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.20				
	RL	0.40				
	Unit	ug/L				
Aldrin, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.009				
	RL	0.01				
	Unit	ug/L				
Ammonia as N, Total					9/18/08	8/14/12
	Max	4.10				
	Min	0.00			sample count	50
	MDL (range)	0.05				
	RL	0.1				
	Unit	mg/L				
Arsenic, Total					9/18/08	9/13/11
	Max	12.00				
	Min	1.70			sample count	16
	MDL (range)	0.07				
	RL	0.5				
	Unit	ug/L				
Atrazine, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.07				
	RL	0.5				
	Unit	ug/L				
Azinphos Methyl, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.02				
	RL	0.1				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Boron, Total					9/18/08	9/13/11
	Max	590.00				
	Min	16.00			sample count	17
	MDL (range)	0.47	2.8			
	RL	10				
	Unit	ug/L				
Bromide, Total					9/18/08	8/14/12
	Max	2.60				
	Min	0.00			sample count	50
	MDL (range)	0.01	0.01			
	RL	1				
	Unit	mg/L				
Cadmium, Dissolved					12/8/09	9/13/11
	Max	0.01				
	Min	0.00			sample count	11
	MDL (range)	0.011	0.04			
	RL	0.1				
	Unit	ug/L				
Cadmium, Total					9/18/08	9/13/11
	Max	0.30				
	Min	0.00			sample count	16
	MDL (range)	0.011	0.06			
	RL	0.1				
	Unit	ug/L				
Carbaryl, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				
Carbofuran, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Chlordane, cis-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
Chlordane, trans-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.006	0.01			
	RL	0.01				
	Unit	ug/L				
Chlorpyrifos, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.0026	0			
	RL	0.02				
	Unit	ug/L				
Coliform, Fecal					9/18/08	2/12/09
	Max	110.00				
	Min	2.00			sample count	6
	MDL (range)	2	2			
	RL	2				
	Unit	MPN/100 mL				
Copper, Dissolved					12/8/09	9/13/11
	Max	3.30				
	Min	0.57			sample count	11
	MDL (range)	0.06	0.07			
	RL	0.5				
	Unit	ug/L				
Copper, Total					9/18/08	9/13/11
	Max	9.20				
	Min	1.30			sample count	16
	MDL (range)	0.06	0.07			
	RL	0.5				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Cyanazine, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.09	0.09			
	RL	0.5				
	Unit	ug/L				
DDD(p,p'), Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.003	0			
	RL	0.01				
	Unit	ug/L				
DDE(p,p'), Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.004	0			
	RL	0.01				
	Unit	ug/L				
DDT(p,p'), Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
Demeton-s, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.08	0.08			
	RL	0.2				
	Unit	ug/L				
Diazinon, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.004	0			
	RL	0.02				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Dichlorvos, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.02	0.02			
	RL	0.2				
	Unit	ug/L				
Dicofol, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.01	0.01			
	RL	0.1				
	Unit	ug/L				
Dieldrin, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
Dimethoate, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.08	0.08			
	RL	0.1				
	Unit	ug/L				
Discharge					9/10/08	8/14/12
	Max	3000.00				
	Min	0.00			sample count	45
	MDL (range)	0	0			
	RL	0				
	Unit	cfs				
Dissolved Organic Carbon, Dissolved					9/18/08	8/14/12
	Max	11.00				
	Min	2.60			sample count	50
	MDL (range)	0.1	0.3			
	RL	0.5				
	Unit	mg/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Disulfoton, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.02	0.02			
	RL	0.1				
	Unit	ug/L				
Diuron, Total					9/10/08	8/14/12
	Max	1.40				
	Min	0.00			sample count	46
	MDL (range)	0.2	0.2			
	RL	0.4				
	Unit	ug/L				
E. coli					9/18/08	8/14/12
	Max	2400.00				
	Min	4.10			sample count	50
	MDL (range)	1	1			
	RL	1				
	Unit	MPN/100 mL				
Endosulfan I, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
Endosulfan II, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.004	0			
	RL	0.01				
	Unit	ug/L				
Endosulfan Sulfate, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Endrin, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
EPTC, Total					9/10/08	8/14/12
	Max	0.03				
	Min	0.00			sample count	46
	MDL (range)	0.03	0.03			
	RL	0.1				
	Unit	ug/L				
Hardness as CaCO3, Total					9/18/08	8/14/12
	Max	930.00				
	Min	15.00			sample count	50
	MDL (range)	1.7	15			
	RL	5				
	Unit	mg/L				
HCH, alpha-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
HCH, beta-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				
HCH, delta-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
HCH, gamma-, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.005	0.01			
	RL	0.01				
	Unit	ug/L				
Heptachlor Epoxide, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.007	0.01			
	RL	0.01				
	Unit	ug/L				
Heptachlor, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				
Lead, Dissolved					12/8/09	9/13/11
	Max	0.08				
	Min	0.00			sample count	11
	MDL (range)	0.03	0.07			
	RL	0.25				
	Unit	ug/L				
Lead, Total					9/18/08	9/13/11
	Max	1.90				
	Min	0.22			sample count	16
	MDL (range)	0.01	0.07			
	RL	0.25				
	Unit	ug/L				
Linuron, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.2	0.2			
	RL	0.4				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Malathion, Total					9/10/08	8/14/12
	Max	0.25				
	Min	0.00			sample count	46
	MDL (range)	0.05	0.05			
	RL	0.1				
	Unit	ug/L				
Methamidophos, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	47
	MDL (range)	0.01	0.2			
	RL	0.2				
	Unit	ug/L				
Methidathion, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.04	0.04			
	RL	0.1				
	Unit	ug/L				
Methiocarb, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.2	0.2			
	RL	0.4				
	Unit	ug/L				
Methomyl, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.05	0.05			
	RL	0.07				
	Unit	ug/L				
Methoxychlor, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.008	0.01			
	RL	0.01				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Nickel, Dissolved					12/8/09	9/13/11
	Max	2.20				
	Min	0.37			sample count	11
	MDL (range)	0.01	0.04			
	RL	0.5				
	Unit	ug/L				
Nickel, Total					9/18/08	9/13/11
	Max	8.40				
	Min	1.60			sample count	16
	MDL (range)	0.01	0.04			
	RL	0.5				
	Unit	ug/L				
Nitrate + Nitrite as N, Total					9/18/08	8/14/12
	Max	5.50				
	Min	0.00			sample count	50
	MDL (range)	0.02	0.1			
	RL	0.1				
	Unit	mg/L				
Nitrogen, Total Kjeldahl, Total					9/18/08	8/14/12
	Max	2.70				
	Min	0.00			sample count	50
	MDL (range)	0.06	0.14			
	RL	0.1				
	Unit	mg/L				
OrthoPhosphate as P, Dissolved					9/18/08	8/14/12
	Max	0.16				
	Min	0.00			sample count	50
	MDL (range)	0.006	0.01			
	RL	0.01				
	Unit	mg/L				
Oxamyl, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.2	0.2			
	RL	0.4				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Oxygen, Dissolved, Total					9/10/08	8/14/12
	Max	16.90				
	Min	4.45			sample count	48
	MDL (range)	0	0			
	RL	0				
	Unit	mg/L				
Parathion, Ethyl, Total					9/10/08	8/14/12
	Max	0.17				
	Min	0.00			sample count	46
	MDL (range)	0.02	0.02			
	RL	0.1				
	Unit	ug/L				
Parathion, Methyl, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.075	0.08			
	RL	0.1				
	Unit	ug/L				
Pendimethalin, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.04	0.04			
	RL	0.1				
	Unit	ug/L				
pH					9/10/08	8/14/12
	Max	11.28				
	Min	6.04			sample count	48
	MDL (range)	0	0			
	RL	0				
	Unit	none/ s.u.				
Phorate, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.072	0.07			
	RL	0.1				
	Unit	ug/L				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Phosmet, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.06	0.06			
	RL	0.2				
	Unit	ug/L				
Phosphate as P, Total					9/18/08	8/14/12
	Max	0.37				
	Min	0.09			sample count	50
	MDL (range)	0.007	0.02			
	RL	0.01				
	Unit	mg/L				
Selenium, Total					9/18/08	9/13/11
	Max	1.30				
	Min	0.06			sample count	16
	MDL (range)	0.06	0.11			
	RL	1				
	Unit	ug/L				
Simazine, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.08	0.08			
	RL	0.5				
	Unit	ug/L				
SpecificConductivity, Total					9/10/08	8/14/12
	Max	3186.00				
	Min	41.00			sample count	49
	MDL (range)	10	10			
	RL	0				
	Unit	uS/cm				
Temperature					9/10/08	8/14/12
	Max	28.46				
	Min	6.60			sample count	48
	MDL (range)	0	0			
	RL	0				
	Unit	Deg C				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Total Dissolved Solids, Dissolved					9/18/08	8/14/12
	Max	1300.00				
	Min	22.00			sample count	50
	MDL (range)	4	8			
	RL	10				
	Unit	mg/L				
Total Organic Carbon, Total					9/18/08	8/14/12
	Max	9600.00				
	Min	2.60			sample count	51
	MDL (range)	0.1	100			
	RL	0.5				
	Unit	mg/L	mg/Kg dw			
Total Suspended Solids, Particulate					9/18/08	8/14/12
	Max	146.00				
	Min	12.00			sample count	50
	MDL (range)	1	2			
	RL	3				
	Unit	mg/L				
Toxaphene, Total					2/12/09	9/13/11
	Max	0.00				
	Min	0.00			sample count	12
	MDL (range)	0.38	0.38			
	RL	0.5				
	Unit	ug/L				
Trifluralin, Total					9/10/08	8/14/12
	Max	0.00				
	Min	0.00			sample count	46
	MDL (range)	0.036	0.04			
	RL	0.1				
	Unit	ug/L				
Turbidity, Total					9/18/08	8/14/12
	Max	70.00				
	Min	4.10			sample count	50
	MDL (range)	0.02	0.3			
	RL	0.2				
	Unit	NTU				

Westside San Joaquin River Watershed Coalition						
WSJRWC Monitoring under ILRP MRP Order R5-2008-005						
San Joaquin River at Lander Avenue					*9/10/08*	*8/14/12*
Parameter					Sample Collection Date Interval	
Zinc, Dissolved					12/8/09	9/13/11
	Max	1.10				
	Min	0.00			sample count	11
	MDL (range)	0.7	0.8			
	RL	1				
	Unit	ug/L				
Zinc, Total					9/18/08	9/13/11
	Max	14.00				
	Min	2.60			sample count	16
	MDL (range)	0.2	0.8			
	RL	1				
	Unit	ug/L				

STEVEN R. BOND

Curriculum Vita

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bondassociates@mac.com

Profile

Geologist / Engineering Geologist / Hydrogeologist / Aqueous-geochemist

- More than twenty-five years applied experience in groundwater and engineering geology.
- Twenty years practical experience defining hydrogeologic flow systems in crystalline, fractured rock systems, and porous sedimentary aquifers.
- More than twenty-five years practical experience evaluating natural and contaminant water chemistry problems and issues.
- Twenty years practice of geochemical analysis of humid and semiarid hydrogeologic regimes, including water supply, and contaminant fate and transport.
- More than twenty years experience investigating and evaluating geologic and hydrogeologic hazards related to slope stability, seismic hazards, hazardous materials, mine wastes, and soil and groundwater contamination.
- More than fifteen years experience defining and modeling stream and river flow, flooding analyses, sediment transport systems, and rainfall distribution.
- More than twenty-five years experience evaluating industrial impacts to ground and surface water quality.
- Eleven years as a CA State regulator implementing California and U. S. water quality laws and regulations.

Professional Licenses	Professional Geologist, *California, USA*	# 5411
	Certified Engineering Geologist, *California, USA*	# 1841
	Certified Hydrogeologist, *California, USA*	# 0238

Professional Experience

January 1999 to Present

Steven Bond and Associates, Santa Cruz, CA, President, Principal Geologist

Conducted investigations and assessments of geologic hazards, threats to surface water and groundwater quality from various industrial and natural sources, and groundwater supply investigations. Performed litigation support in cases involving potential impacts of geologic hazards, groundwater supply and pollution, surface water pollution, and State water quality policy review. Examples of such activities and projects include the following:

- *Engineering Geology*: Conducted investigations of geologic hazards, foundation studies, liquefaction potential assessments, fault trace analyses, slope stability assessments and prepared the associated engineering geology investigation reports for development and industrial projects in Monterey, San Mateo, Mendocino, and Santa Cruz Counties. ◊ Conducted foundation suitability study, seismic evaluation, and fault trace study for resort development, Big Sur (Monterey Co.) ◊ Conducted analysis of debris-slide hazard potential of properties near Loma Mar (San Mateo Co.) ◊ Did technical analysis of slope stability and soil erosion potential of timber harvest operations, and evaluated surface-water monitoring practices (Humboldt Co.) for permitting dispute. ◊ Evaluated landslide activation hazard analysis of cliff side development in Brisbane (San Mateo Co.) ◊ Evaluated potential erosion hazards and drafted technical remedies from impacts of extrajudicial logging activities (Mendocino, Co.) ◊ Prepared engineering geologic reports for various residential development projects (Santa Cruz Co., San Mateo Co.).
- *Groundwater Investigations, Modeling, and Remediation System Design:* Designed and implemented original subsurface investigation technics, and remediation systems for a complex hydrogeologic environment of volcanic sediments, for Sierra Nevada Mt. community drinking water contamination (Volcano, CA). ◊ Did aquifer analysis and computer simulation (Modflow) of contaminant flow and remediation system design (groundwater extraction) for MTBE site in Turlock, CA. ◊ Did groundwater transport and pollutant fate analysis of landfill for litigation support. (Colma, CA)

- *Groundwater Supply:* Conducted groundwater use sustainability study for Sonoma Valley winery (Valley of the Moon). ◊ Did evaluation of sustainability potential and impacts from groundwater extraction in Sierra Valley (Sierra and Plumas Counties) for litigation support.
- *Policy Review and Regional Studies:* Conducted technical review and analysis of CA State water policy (State Implementation Plan, California Toxics Rule) for litigation support. ◊ Technical consultant and committee member for San Francisco Bay Copper-Nickel TMDL impairment studies (north and south). ◊ Conducted technical analysis of proposed monitoring and reporting programs for the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands within the Central Valley Region, providing testimony before the before the Regional Board on behalf of stakeholders. ◊ Conducted technical analysis of rainfall distribution statistics and prepared comments on design storm standards for treatment control of BMP's in the California Statewide draft Industrial Storm Water Permit.
- *Storm Water:* Conducted technical reviews, and did litigation support in cases of storm water pollution regarding the adequacy of monitoring programs, BMPs, and treatment technology application (Alameda, Humboldt, Placer, Sacramento, San Joaquin, San Mateo, San Francisco, Sonoma, Yuba counties) for the following types of industry: aggregate, cement, asphalt, metal fabrication, metal forging, steel casting, recycling, ship breaking, wood treatment, sawmills, CAFOs, vehicle maintenance, auto wrecking, POTW, precious and heavy metal mines, landfills, fueling facilities, and port loading facilities for ammonia, fertilizer and petroleum coke.
- *Mining Projects:* Evaluated drinking water quality hazards posed to confined prisoners at an operating copper mine (United Nations ICTY, Bosnia-Herzegovina). ◊ Evaluated geochemical potential to produce acid and release arsenic from re-activated gold mine (Sutter Ck. CA), acid mine drainage water quality impacts. ◊ Evaluated WQ pollution potential from abandoned mercury and gold mines (Coastal Mts, central & north CA, Sierra Nev. Mts) for litigation purposes.
- *Land Discharge Projects:* Evaluated compliance with CCR Title 23, Title 22, Chapter 15 (CA) regulations for Winery wastes (Amador County), dredging spoils disposal (Port of Stockton), Class III landfill (San Mateo Co., Shasta Co., Lake Co.). Designed monitoring programs and budgets.

March 1998 - January 1999

Fall Creek Engineering, Inc., Santa Cruz, CA, Principal Geologist

Evaluated the risk from surface and groundwater contamination to public groundwater supplies (Big Sur); performed computer simulations of flow and geochemistry of ground and surface water interaction using Modflow, Minteq. Did hydrologic studies to evaluate the flood stages, water surface profiles, and erosion potentials; constructed a computer-based hydraulic model of the river using HEC-RAS (Salinas River, Monterey Co.); prepared water quality and flood control management plans (Pajaro River). Designed and conducted soil and groundwater sampling analysis programs at various sites in Monterey and Santa Cruz Counties (luft and wastewater systems).

March 1997 - January 1998

Water For People, Denver Colorado, Consulting Hydrogeologist

Conducted a synoptic hydrogeological survey of the Bay Islands, Honduras, Central America for the Bay Island Environmental Project. Studied the islands' resources and made recommendations for a comprehensive water supply investigation of the three main islands comprised primarily of fractured metamorphic rock. Conducted local interviews, literature review and a reconnaissance level survey, field trued geology in selected areas. Evaluated island-available drilling technology, characterized water quality and supply issues for several of the island communities, prepared investigative criteria for future work, wrote report.

December 1986 - May 1998

California Regional Water Quality Control Board, Sacramento, CA. Associate Engineering Geologist

Conducted investigations of all aspects of pollutant transport in the vadose zone and groundwater and surface water. Reviewed and evaluated the geologic, hydrogeologic, geochemical, and geophysical content of professional reports. Evaluated thoroughness of surface and groundwater investigations, the completeness of remedial efforts, and validity of monitoring programs. Provided expert technical assistance to State and local agencies on issues of

geochemical fate and transport of pollutants, well-head protection strategies, abandoned mine investigation and remediation methods, and contaminated groundwater and soil cleanup technics. Examples of such projects include the following:

- Analysis of groundwater impacts from organic solvents and fuels in sedimentary and fractured rock terrain. Evaluated investigative methods including drilling techniques, soil, water, and vapor sampling methods, and in situ and ex-situ remedial technologies using vapor transport, groundwater capture, extraction and treatment. Did deterministic computer modeling. Technical advisor and regulator for hundreds of facilities under authority of Federal and State underground tank statutes in the counties of Alpine, Amador, El Dorado, Calaveras, Lake, Napa, Mariposa, Placer, Sierra, Solano, Stanislaus, and Tuolumne California, and in Yosemite National Park.
- Analysis of groundwater flow and pollutant transport characteristics of polluted, high density waste water (industrial acids and heavy-metals) at Davis, CA. Evaluated water quality impacts, effectiveness of groundwater extraction schemes using numerical modeling methodologies for flow, and chemical fate and transport. Co-developed in situ leaching methods of contaminated soils to accelerate cleanup rates.
- Analysis of the underlying, geochemical causes of acid mine drainage at the Penn Mine in Calaveras Co., CA. Identified and evaluated groundwater flow paths in a faulted crystalline-rock aquifer and the applicability of water quality and hazardous waste laws to the toxic discharges. Conducted a geologic and fracture mapping project and developed conceptual flow groundwater model. Evaluated acid-mine and acid-rock drainage remedial alternatives and made recommendations for their use. Developed and composed work plan for the investigation of fractured-rock hydrogeological transport, and aquatic geochemical fate of heavy metals from Penn Mine to the adjacent Camanche Reservoir. Authored numerous reports and a series of successful grant proposals, prepared annual budget and obtained funding for detailed groundwater and remedial waste rock investigations.
- In companion project to the above mine waste project, developed a conceptual model for the transport mechanisms of heavy-metal laden sediment in the Camanche water-supply reservoir, developed the conceptual methodology of investigation, and managed the project. Assembled a team of limnologists from the University of California at Davis and fluid mechanical engineers specializing in sediment re-suspension from University of California at Santa Barbara. Wrote a successful Federal Clean Lakes Grant proposal, and implemented the investigation at Camanche reservoir, California.

May 1986 - September 1986

U.S. Army Corps of Engineers, Sacramento, California, Engineering Geologist.

Conducted geologic and hydrogeologic investigations preparatory to the design of Deer Creek Water Supply Reservoir, Utah. Drafted groundwater investigation plan. Conducted geologic mapping. Designed monitoring wells, supervised drilling crews and well construction, conducted aquifer pumping tests.

October 1983 - September 1984

Dames and Moore, Los Angeles, California, Sedimentary Petrologist.

Conducted sedimentological investigation of near-shore sediments in western Arabian Gulf. Characterized sediment transport systems in the Arabian Gulf area of United Arab Emirates for Abu Dabi National Oil Company.

May 1982 - April 1983

U.S. Army Corps of Engineers, Portland, Oregon, Engineering Geologist.

Conducted geologic, geophysical and hydrogeologic investigations in the Columbia Gorge near Bonneville, Oregon. Conducted geophysical borehole investigation of Bonneville New Navigation Lock. Did detailed mapping of landslides, and drill core logging. Designed passive de-watering systems, and monitoring wells. Supervised drilling crews and the construction of water supply wells and monitoring wells; conducted and interpreted aquifer pumping tests.

June 1981 - December 1981

XCO, Denver Colorado, Petroleum Field Geologist

Did drill core logging, conducted field screening of chemical composition of drill cores, interpreted geologic strata, and prepared drilling reports in several depositional basins in North Dakota, Colorado, and Oklahoma.

September 1976 - September 1977

U. S. Geological Survey, Menlo Park, California. Geologic Field Assistant.

Conducted geologic mapping and did geochemical sampling for Continentally Unified Strategic Assessment Program which evaluated economic potential of proposed Federal Wilderness areas and abandoned mines. The region included the Kalmiopsis Wilderness of southwestern Oregon; an ophiolite suite and recent volcanic terrain.

Education & Training

Master of Science (ABT) in Hydrogeology, Special Studies Program, California State University, Chico, California, 1985-1986

Bachelor of Arts in Geology, Humboldt State University, California, 1979 - 1981

Annual NWWA courses in Aqueous Geochemistry, Fluid Flow through Fractured Rock, In situ Fluid Extraction Systems, Ground-Water Isotope Geochemistry. 1987-1991.

Computer Modeling. EPA CEAM: MINTEQ geochemical speciation, 1990, 1991; WASP surface water flow and transport, 1991. General Sciences Corp.: SESOIL vadose zone pollutant transport, 1994, 1996; AT 123D groundwater pollutant transport, 1994, 1996; NWWA: Visual Modflow, Flowtrans, groundwater flow and transport, 1996. WHI: Modflow 2000, MTD3, groundwater and contaminant transport, 2002.

Constructed Wetlands Workshop and Seminar Series, Humboldt State University, California, 2002.

Soil Slope Stabilization, Embankment Design, National Highway Institute, Vail, CO, 2007

40 hour OSHA Health and Safety for Hazardous Waste Operations and 8 hour refresher courses.

Professional Associations

Association of Engineering Geologists; Groundwater Resources Association of California
Northern California MTBE and Fuel Oxygenates Committee

Nonprofit Affiliations

Valley Air Trust, Central Valley, Stockton California, Board Member 1993 - 1997
BayKeeper San Francisco Bay-Sacramento Delta, Technical Advisory Committee Member 1996 - present.
California Sportfishing Protection Alliance, Technical Advisory Committee Member 2000 - present
The Abandoned Mine Alliance, Sierra City, California, Board Member 2005 - present

Expert Testimony

- Before the California Superior Court on issues of surface water pollution and recreational vehicle use at Carnegie State Park in the case of California Sportfishing Protection Alliance et. al. vs California Department of Parks and Recreation Company, September 2009.
- Before the United States Northern District of California Court, on issues of storm water pollutants associated with industrial ammonia and urea fertilizer production and storage operations in the case of California Sport Fishing Protection Alliance vs California Ammonia Company, September 2006.
- Before the United States Northern District of California Court, on issues of surface water pollution associated with logging practices in the case of EPIC vs Pacific Lumber Company, May 2006.

Expert Testimony cont.

- Before the United States Northern District of California Court, on issues of groundwater and storm water pollution associated with lumber milling and wood treatment operations in the case of Ecological Rights Foundation vs Sierra Pacific Industries, April, October, 2002.
- Before the United States Eastern California District Court, on issues of storm water pollution, confined animal feeding operations and industrial activities in the case of WaterKeeper of Northern CA. vs L. Vandhoef, Chancellor, University of California, Davis, June, August 2001.
- Before the CA State Water Resources Control Board hearing on the Appeal of Regional Water Quality Board's Actions regarding Pacific Lumber and the Elk Creek Timber Harvest Monitoring, July 2001.
- Before the United States Northern District of California Court, on issues of storm water pollution and ship-breaking in the case of WaterKeepers of Northern CA. et al. vs U.S. Dept. of Navy and Astoria Metals Corporation, June, August 2000.
- Before the California Superior Court on issues of groundwater pollution and crude oil in the case of Thompson Chevrolet vs Chevron Corporation et al., January, July, and November 1996.
- Before the California Superior Court on issues of acid mine drainage, water pollution, and groundwater flow through fractured crystalline rock in the case of California Sportfishing Protection Alliance vs State Water Resources Control Board, June 1994.
- Before the California Senate Natural Resource and Wildlife Committee Investigative Hearing on Conflicts of Interest in the California Environmental Regulatory System, June 1992.
- Before the California Senate Natural Resource and Wildlife Committee Investigative Hearing on Acid Mine Drainage, Water Pollution, and the California Regulatory Environment, Jan. 1992.
- Before the California State Water Resources Control Board hearing on the Appeal of Regional Water Quality Boards Actions regarding the Penn Mine, October 1991.

Public Speaking and Presentations

Presentations before the State Water Resources and Regional Water Quality Control Boards.

- Presented testimony and briefs before the State and Regional Boards on specific cases of regulatory enforcement actions, policy enactment, and permit adoptions (1990 - 2011)
- Mediator of formal discussions regarding disputed technical issues about groundwater quality between responsible parties, (1988 - 1998)

Workshop Presentations before professional societies, and local and State regulatory agencies:

- The application and interpretation of discreet groundwater sampling methods and data collection.
- The use and interpretation of computer modeling simulations for vadose transport and mineral equilibria
- The effects and determination of vertical gradients on pollutant transport in groundwater.
- Contaminated soil cleanup criteria based on California State Water Code, regulations and policies.
- Acid Mine Drainage issues: the geology, mineralogy, and chemistry, the environmental effects, remediation, policies, and politics.

Writings

Author of scores of reports for private organizations, NGO's, Federal, State and local Agencies, on the subjects of (a. organic and inorganic pollutant transport in surface and groundwaters, (b. polluted groundwater remediation, (c. the investigation and analysis of the potential transport of soil contamination (metals, fuels, solvents) through the vadose zone, (d. unsaturated zone characterization including vapor-phase transport and cleanup technologies, (e. acid mine drainage causes, fate, and mitigation, (f. the logical elements of water quality monitoring, (g. regulatory compliance of state and federal environmental laws by federal, state and private parties, (h. metal mobility and mineral equilibria, (i. net-vertical transport of groundwater pollutants, (j. general surface water and groundwater resource protection, (k. water budget accounting in mixed geologic environments with multiple density fluid interfaces, (l. groundwater supply evaluations, (m. reconciliation of threats to water resources and risks to human health, (n. engineering geology, geological hazard analysis, (o. rainfall distribution and design storm treatment objectives for storm water BMP's.

EXHIBIT B

Memorandum

1 December 2013

To: Michael Lozeau, esq.
From: Richard McHenry, PE

Subject: Western San Joaquin River Watershed, Proposed Waste Discharge Requirements (WDRs) Comments, Focused comments on Surface Water Sampling

The following are my findings and comments following review of the proposed waste discharge requirements (WDRs) General Order for Growers within the Western San Joaquin River Watershed. I also reviewed the available monitoring data, management plans, CEQA documents and supporting information for the proposed WDRs.

Findings and Facts

The Western San Joaquin River Watershed region has approximately **530,000 acres of cropland under irrigation and approximately 3,100 growers with "waste discharges from irrigated lands**". (WDR Finding 12) Currently, approximately 30,000 acres are regulated under the Water Board's General Order for Existing Milk Cow Dairies (R5-2007-0035) and 500,000 acres are regulated under the Coalition Group Conditional Waiver. Small Farming Operations are those with a total farming operation that comprises fewer than 60 acres of irrigated land. In counties within the Western San Joaquin River Watershed, Small Farming Operations (less than 60 acres) are operated by approximately 63 percent of the growers, but account for approximately 6 percent of the total irrigated lands.

The Western San Joaquin River Watershed region has approximately **3,544 linear miles of surface water courses (including 386 linear miles of named surface water courses)** that are, or could be, affected by discharges of waste from irrigated lands. This does not include surface water courses in the foothill and mountainous regions of the third-party area, where there are few irrigated lands operations. (WDR Finding 13)

The water quality monitoring under the proposed WDR is **"representative" in nature instead of and does not measure individual field discharge monitoring.** (WDR Finding 23) It is argued that representative monitoring will allow the Board to determine whether wastewater bodies accepting discharges from numerous represented irrigated lands are meeting water quality objectives, to determine if

existing high quality waters are being maintained, to determine whether farming practices are protective of water quality and representative monitoring provides a significant cost savings since all surface waters or all groundwater aquifers that receive irrigated agricultural discharges are not monitored.

Monitoring under traditional WDR's and NPDES permits require monitoring of the wastewater discharge as well as the receiving water and/or groundwater. While the proposed WDR requires "representative" monitoring, it allows the Executive Officer to require technical reports when monitoring or other available information is not sufficient to determine the effects of irrigated agricultural waste discharges to state waters.

In May 2004, the State Water Board adopted the Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program (NPS Policy). The purpose of the NPS Policy is to improve the state's ability to effectively manage NPS pollution and conform to the requirements of the Federal Clean Water Act and the Federal Coastal Zone Act Reauthorization Amendments of 1990. The NPS Policy requires, among other key elements, an NPS control implementation program's ultimate purpose to be explicitly stated. It also **requires implementation programs to, at a minimum, address NPS pollution in a manner that achieves and maintains water quality objectives and beneficial uses, including any applicable antidegradation requirements**.

The proposed WDR contains the following (III) Receiving Water Limitations:

"*A. Surface Water Limitations*
1. ***Wastes discharged from Member operations shall not cause or contribute to an exceedance of applicable water quality objectives in surface water, unreasonably affect applicable beneficial uses, or cause or contribute to a condition of pollution or nuisance***.

B. Groundwater Limitations21
1. Wastes discharged from Member operations shall not cause or contribute to an exceedance of applicable water quality objectives in the underlying groundwater, unreasonably affect applicable beneficial uses, or cause or contribute to a condition of pollution or nuisance.

2. Conditions Requiring Preparation of SQMP/GQMP
Surface Water Quality Management Plan (SQMP)

A SQMP shall be developed by the third-party where: (1) an applicable water quality objective or applicable water quality trigger limit is exceeded (considering applicable averaging periods) twice in a three year period for the same constituent at a monitoring location (trigger limits are described in section VII of the MRP) and irrigated agriculture may cause or contribute to the exceedences; (2) the Basin Plan requires development of a surface water quality management plan for a constituent or constituents discharged by irrigated agriculture, or (3) the Executive Officer determines that irrigated agriculture may be causing or contributing to a trend of degradation of surface water that may threaten applicable Basin Plan beneficial uses."

WDR Finding No. 38 states that: "*State Water Resources Control Board (State Water Board) Resolution 68-16 Statement of Policy with Respect to Maintaining High Quality of Waters in California (Resolution 68-16 or "antidegradation policy") requires that a Regional Water Quality Control Board maintain high quality waters of the state unless the board determines that any authorized degradation is consistent with maximum benefit to the people of the state, will not unreasonably affect beneficial uses, and will not result in water quality less than that described in a Regional Water Quality Control Board's policies (e.g., quality that exceeds applicable water quality objectives). The board must also assure that any authorized degradation of existing high quality waters is subject to waste discharge requirements which will result in the best practicable treatment or control (BPTC) of the discharge necessary to assure that pollution, or nuisance will not occur and the highest water quality consistent with the maximum benefit to the people of the state will be maintained.*"

WDR Finding No. 39 states that: "*The Central Valley Water Board has information in its records that has been collected by the Central Valley Water Board, growers, educational institutions, and others that demonstrates that many water bodies within the Central Valley Region are impaired for various constituents, including pesticides, nitrates, and salts. Many water bodies have been listed as impaired pursuant to Clean Water Act section 303(d).* The following sentence has been stricken from the proposed WDR: "This Order does not authorize further degradation of such waters."

WDR Finding No. 15 states that: "*The Central Valley Water Board's Irrigated Lands Regulatory Program Existing Conditions Report (ECR)7 identifies waters of the state with impaired water quality attributable to or influenced by irrigated agriculture, including within the third-party area. The Irrigated Lands Regulatory Program Environmental Impact Report (PEIR) describes that "[f]rom a*

programmatic standpoint, irrigated land waste discharges have the potential to cause degradation of surface and groundwater….”

WDR Finding No 16 states that: *“Approximately* ***22 water bodies encompassing 88 linear miles of surface water courses have been listed as impaired pursuant to Clean Water Act section 303(d)****, within the third-party area. Agriculture is identified as the potential source of impairment for approximately 16 of the 303(d)-listed water bodies, and the source of impairment is listed as unknown for the remaining water bodies in the third-party area. The majority of the listed water bodies are west of the San Joaquin River, and about one third of the listed waterbodies are adjacent to or go through the portions of the third-party area that is east of the San Joaquin River.”*

Information Sheet, Page 5: *The San Joaquin flows northward and drains watersheds on the east and west side of the San Joaquin Valley, though the main focus of this Order is on the west side watersheds.* ***The drainages in the Watershed from north to south are Ingram Creek, Hospital Creek, Del Puerto Creek, Boundary Drain, Salado Creek, Marshal Road Drain, Ramona Lake, Westley Waterway, Orestimba Creek, Main Canal, Garzas Creek, Los Banos Creek, Mud Slough, San Luis Drain, Newman Wasteway, Salt Slough, and Island Field Drain.*** *The unaltered hydrology of the Watershed is dominantly ephemeral, however most of the tributaries contain regular flow during the growing season, typically spring through summer due to agricultural return flows. During the storm season, the small drainages contain intermittent flows that reflect the intensity and duration of storms. The Watershed is highly manipulated, with many canals delivering water to agricultural operations and back to the natural drainages.*

Table 2 from the Information Sheet:

Constituent	Number of Sites Requiring a Management Plan	Number of Exceedances	Number of Tests	Range of Detected Concentrations	Trigger limit
Pesticides					
Chlordane, trans-	1	7	729	ND to 0.043 µg/L	0.00057 µg/L
Chlorpyrifos	15	175	1333	ND to 1.8 µg/L	0.015 µg/L
DDD	1	6	783	ND to 0.014 µg/L	0.00083 µg/L
DDE	10	244	743	ND to 0.27 µg/L	0.00059 µg/L
DDT	8	67	783	ND to 0.13 µg/L	0.00059 µg/L
Diazinon	2	12	1335	ND to 3.6 µg/L	0.10 µg/L
Dieldrin	5	32	783	ND to 0.031 µg/L	0.056 µg/L
Dimethoate	5	23	1335	ND to 5 µg/L	1 µg/L
Diuron	11	73	909	ND to 46 µg/L	2 µg/L
Total HCH	1	2	728	ND to 0.031 µg/L	0.0039 µg/L
Malathion	7	29	1335	ND to 0.69 µg/L	Must not be detected (ND)[1]
Parathion, Methyl	4	14	1335	ND to 1.4 µg/L	Must not be detected (ND)[1]
Simazine	1	5	990	ND to 20 µg/L	4 µg/L
Toxicity					
Water, *Ceriodaphnia dubia*	15	82	1187	0% to 100% survival[2]	Statistically significant reduction in survival[2]
Water, *Pimephales promelas*	3	12	767	20% to 100% survival[2]	Statistically significant reduction in survival[2]
Water, *Selenastrum capricornutum*	12	67	926	0% to 100% growth[2]	Statistically significant reduction in growth[2]
Sediment, *Hyalella azteca*	12	86	184	0% to 100% survival[2]	Statistically significant reduction in survival[2]
Metals (total)					
Arsenic	6	45	834	0.88 to 22 µg/L	10 µg/L
Boron	11	262	972	8.9 to 31,000 µg/L	700 µg/L
Copper	10	82	819	0.38 to 170 µg/L	Variable[3]
Lead	9	74	834	ND to 60 µg/L	Variable[3]
Nickel	4	15	971	0.46 to 340 µg/L	Variable[3]
Selenium	1	13	689	ND to 12 µg/L	50 µg/L
Zinc	2	8	985	ND to 430 µg/L	Variable[3]
Nutrients and Salts					
Ammonia	9	36	1091	ND to 10 mg/L	Variable[4]
Total Dissolved Solids	20	1041	1674	22 to 6,500 mg/L	450 mg/L
Electrical Conductivity	22	1126	2143	<1 to 10,211 µS/cm	700 µS/cm
Other					
Dissolved Oxygen	26	1004	2141	<1 to 26.34 mg/L	<5[5] or <7 mg/L
E.coli	19	647	1621	1 to >2400 MPN/100 ml	235 MPN/100mL
pH	18	234	2179	2.02 to 17.77	<6.5 or >8.5

[1] ND = Not detected at measurable levels

[2] Compared to the control sample

[3] Hardness-dependent water quality objectives

[4] Water quality objectives are dependent on pH and temperature

[5] Cold freshwater and warm freshwater criteria

Excerpt from the February 2008 Westside San Joaquin River Watershed Coalition Monitoring and Reporting Plan: *"Rain Events. The Westside Coalition will attempt to collect runoff caused by storm events twice each year. Storm* ***event samples will be collected once enough rainfall has occurred to cause the majority of the flow at a monitoring site to consist of rain runoff*** *and will be tested for toxicity and pesticides, along with other physical and chemical parameters. This will be determined by the field sampling crews on a site by site basis."*

Table 4, Monitoring Sites, of the February 2008 Westside San Joaquin River Watershed Coalition Monitoring and Reporting Plan shows that **samples are collected at 23 Surface Water "Discharge Sites" and 3 Surface Water "Source Water Sites**".

Fact Summary

Western San Joaquin River Watershed region has approximately:

- 530,000 acres of cropland under irrigation.
- 3,100 growers with waste discharges from irrigated lands.
- The drainages in the Watershed from north to south are Ingram Creek, Hospital Creek, Del Puerto Creek, Boundary Drain, Salado Creek, Marshal Road Drain, Ramona Lake, Westley Waterway, Orestimba Creek, Main Canal, Garzas Creek, Los Banos Creek, Mud Slough, San Luis Drain, Newman Wasteway, Salt Slough, and Island Field Drain.
- 22 water bodies encompassing 88 linear miles of surface water courses have been listed as impaired pursuant to Clean Water Act section 303(d), within the third-party area.
- Samples are collected at 23 Surface Water "Discharge Sites" and 3 Surface Water "Source Water Sites".
- Sampling shows exceedance of water quality standards for: Chlordane, Chlorpyrifos, DDD, DDE, DDT, Diazinon, Dieldrin, Dimethoate, Diuron, Total HCH, Malathion, Parathion Methyl, Simazine, Toxicity, Arsenic, Boron, Copper, Lead, Nickel, Selenium, Zinc, Ammonia, TDS, EC, Dissolved Oxygen, E Coli and pH.

Comments

1. As noted above, the proposed WDR states in Finding No. 23 that: "*The water quality monitoring under this Order is representative in nature and does not measure individual field discharge monitoring. The benefits of representative monitoring include the ability to determine whether wastewater bodies accepting discharges from numerous represented irrigated lands are meeting water quality objectives, and to determine if existing high quality waters are being maintained. Further, representative monitoring allows the board to determine whether represented practices are protective of water quality.*"

- Clearly water bodies accepting discharges from numerous represented irrigated lands are not meeting water quality objectives and existing high quality waters are not being maintained as WDR Finding No 16 states that: "*Approximately* ***22 water bodies encompassing 88 linear miles of surface water courses have been listed as impaired pursuant to Clean Water Act section 303(d)****, within the third-party area. Agriculture is identified as the potential source of impairment for approximately 16 of the 303(d)-listed water bodies, and the source of impairment is listed as unknown for the remaining water bodies in the third-party area.*"
- As is documented in Table 2 of the proposed WDR, sampling conducted in the area from 2004 through 2012 shows routine exceedance of water quality standards for: Chlordane, Chlorpyrifos, DDD, DDE, DDT, Diazinon, Dieldrin, Dimethoate, Diuron, Total HCH, Malathion, Parathion Methyl, Simazine, Toxicity, Arsenic, Boron, Copper, Lead, Nickel, Selenium, Zinc, Ammonia, TDS, EC, Dissolved Oxygen, E Coli and pH. Clearly, water bodies accepting discharges from numerous represented irrigated lands are not meeting water quality objectives and existing high quality waters are not being maintained
- Since many of the water bodies in the area have been designated as impaired and sampling shows routine exceedences of water quality standards, the represented agricultural practices have been shown to be not protective of water quality.

2. Samples are collected at 23 Surface Water "Discharge Sites". The Western San Joaquin River Watershed region has approximately 530,000 acres of cropland under irrigation and 3,100 growers with waste discharges from irrigated lands. It is assumed that of the 3,100 farms, discharges of wastewater occur at more than one point on each farm. Sample collection at 23 "representative" surface water

locations is not capable of determining if any single discharge is the cause of downstream water quality standard exceedance, stream impairment, or whether agricultural management practices are effective. In order to determine of any single wastewater discharge exceeds water quality standards, it would be necessary to sample that discrete discharge. To determine if any single discharge degrades water quality and causes degradation of the beneficial uses of the receiving stream, if would be necessary to sample both upstream and downstream of the individual point of discharge.

3. Samples are collected at 23 Surface Water "Discharge Sites". The Western San Joaquin River Watershed region has approximately 530,000 acres of cropland under irrigation and 3,100 growers with waste discharges from irrigated lands and approximately 22 water bodies encompassing 88 linear miles of surface water courses have been listed as impaired pursuant to Clean Water Act section 303(d), within the third-party area. One can only conclude that farm discharges may be many miles upstream from a "representative" sampling location and that interlying farm discharges would cause significant dilution to any pollutants discharged.

4. Table 2 of the proposed WDR lists the toxicity testing for ceriodaphnia dubia, a water flea, as having only an end point of percent survival. This is an acute toxicity end point. Chronic toxicity testing would also include endpoints of growth and reproduction. Table 2 shows that there were 1187 samples tested for "toxicity" and that 82 of those tests failed based purely on percent survival. Intermediate levels of pollutants, below acutely toxic levels, may cause sublethal toxic effects. Failure to analyze samples for sublethal effects precludes determination of compliance with the Basin Plan Water Quality objective for toxicity. It is also not possible to conclude that 1105 of the 1187 samples collected were not toxic since sublethal effects were apparently not analyzed.

5. Table 2 of the proposed WDR lists the pH as ranging from 2.02 to 17.77. The pH range is typically considered to be between 0 and 14, although it is possible to have excursions outside of this range. However such excursions are rare and the methods of measurement are experimental. It is impossible for a field measurement kit to measure any pH above 14. It is also highly unusual for field measurement kits to be capable of measuring pH to 2 significant figures. It is likely that the reported pH levels are a typographical error.

6. Table 2 of the proposed WDR lists the dissolved oxygen (DO) as ranging from <1 to 26.34 mg/l. It is highly unusual for field measurement kits to be capable of

measuring DO to 4 significant figures. It is likely that the reported DO levels are a typographical or reporting error.

7. Table 2 of the proposed WDR reports water quality objectives for hardness dependant metals as being "variable". For permitting situations, the State Board ruled long ago that variability in limitations for hardness dependant metals was unacceptable. The toxicity of metals instream varies with hardness, which can vary significantly upstream and downstream of any given discharge. Use of the lowest observed hardness would result in the most protective evaluation of water quality.

8. The February 2008 *Monitoring Plan* states that: "*Rain Events. The Westside Coalition will attempt to collect runoff caused by storm events twice each year. Storm event samples will be collected once enough rainfall has occurred to cause the majority of the flow at a monitoring site to consist of rain runoff and will be tested for toxicity and pesticides, along with other physical and chemical parameters. This will be determined by the field sampling crews on a site by site basis*." It seems fairly well documented that "first flush" stormwater event sample collection results in a better evaluation of peak pollutant concentrations. Waiting until "enough rainfall has occurred to cause the majority of the flow at a monitoring site to consist of rain runoff" is likely to miss the worst case toxicity, pesticides, and physical and chemical parameters which are washed from the agricultural areas.

9. Throughout the proposed WDRs and supporting documents, antidegradation and best practicable treatment and control of wastewater discharges is discussed. The proposed WDR contains no restriction on degradation of surface waters up to the point of meeting water quality standards. It is discussed throughout the mentioned documents that many of the streams in the area have been designated as impaired. The proposed WDR particularly Table 2 documents that the agricultural discharges routinely exceed water quality standards which degrades the beneficial uses of the receiving streams. Individual discharges are not regulated under the proposed WDR. The Regional Board apparently has no knowledge of the water quality discharged from individual farms and there is no knowledge of any treatment or control at any individual farm. There is knowledge however that the combined agricultural discharges have and continue to significantly degrade water quality. It would seem impossible to state that best practicable treatment and control of a discharge is being provided when water quality has, and is, significantly degraded and there is no knowledge of what "treatment or control", if any, is being provided at any individual farm. Domestic, commercial and

industrial wastewater dischargers are required to adequately treat their wastes to meet water quality standards and meet end of pipe limitations with strict monitoring of the actual discharge and receiving stream. It cannot possibly be in the interest of the people of California to have to trade the quality of their water for the interests of agriculture.

10. A map (August 2010, Summers Engineering) of the "Hospital Creek" watershed shows the Hospital Creek at River Road sampling point located at the extreme eastern boundary of the watershed. Wastewater and stormwater flows along an approximately ten mile long drainage way before reaching the sampling location. There are no other sampling points along the approximately ten mile long Hospital Creek drainage through the watershed. It is impossible to tell how many farms are located within the watershed; however there does not appear to be many home sites and the farming areas appear to be large scale, which is in sync with the proposed WDR which reports that small farms represent only 6 percent of the total irrigated lands. Sampling at the extreme downstream location is not capable of determining the water quality 1, 5 or ten miles upstream into the watershed. A very poor quality wastewater discharge, located 5 miles upstream, could be diluted to non- detectable concentrations by the times it flows to the downstream sampling location. When a water quality standard is exceeded at the sampling location there is no means of determining which upstream discharge location discharged the pollutant; there are no discrete or upstream sampling locations.

11. The "Hospital Creek at River Road" sampling data from the Regional Water Board's CDEN data base was reviewed in depth. Data at this location generally has a single data point for each constituent from 2004 and a varying number of data points for each year from 2008 through 2012. Generally, the data set for each constituent is too small to conduct a valid statistical analysis; typically the minimum data set for the most basic statistical analysis is 13 points. Also, it appears that storm water and irrigation season sampling results are mixed together resulting in high and low values that cannot be correlated. The data are sufficient to show routine exceedance of water quality standards and yet at the same time sufficient to show periods of high quality waters, such as non-detectable sampling results. There are very few constituent sampling results that are sufficient in number to show a statistical increasing or decreasing trend.

Data Review

By: Richard McHenry PE, 1 December 2013

Station: Hospital Creek at River Road (HCARR). This site is a significant drainage for the Patterson Subarea of the Westside Coalition and has been monitored since July 2004 for a variety of constituents. Sediment discharge, sediment toxicity, aquatic toxicity (water flea), and pesticides have been measured at this site. It is on the 303(d) list for pesticides. Flow at this site is measured by a rectangular weir.

Aldicarb, Total: One detected sample in 2004 at 0.41 ug/l.

Aldrin, Total: No detected concentrations.

Allethrin, Total: No detected concentrations.

Ammonia as N, Total: sparse data from 2008 through 2012, ranges from 0.4 mg/l in 2008 to 0.19 mg/l in a single sample in 2012. No observable trends.

Arsenic, Total: data collection only from 2009 through 2012. 2009 sample was 7.7 ug/l and 2012 sample was 7.6 ug/l. Peak concentrations of 16 ug/l and 17 ug/l were measured in 2012. No observable trends.

Atrazine, Total: sampled from 2004 through 2012. Only one measured concentration in 2004 of 0.035 ug/l in 2004.

Azinphos Methyl, Total: nondetectable from 2004 through 2012.

Bifenthrin, Total: non detected in 2004 (single sample), detected in 2009, 2010, 2011 and 2012 as high as 380 ng/g dw in 2009.

Boron, Total: Only sampled from 2009 through 2012. Ranged from 105 ug/l to 733 ug/l with no observable trends.

Bromide, Total: Only sampled from 2008 through 2012 beginning at 0.57 mg/l and ending at 0.41 mg/l, lower ranges in between, no observable trends.

Cadmium, Dissolved: Only sampled from 2009 through 2012, hovered around detection level of 0.04 ug/l. No observable trends.

Cadmium, Total: Only sampled from 2009 through 2012, hovered around detection level of 0.011 ug/l. No observable trends.

Carbaryl, Total: No detections from 2004 through 2012.

Carbofuran, Total: No detections from 2004 through 2012.

Chlordane, cis-, Total: One detection in 2004 of 1.24 ng/g dw.

Chlordane, trans-, Total: One detection in 2009 of 0.015 ug/l.

Chlorpyrifos, Total: Frequent detections as high as 6.4 ng/g dw in 2009 with varying detection levels.

Fecal Coliform: only sampled in 2008 and 2009 detected in both samples at 900 MPN per 100 ml.

Copper, Dissolved: Only sampled from 2009 through 2012. Ranged from 18 ug/l in 2009 to 1.7 ug/l in 2012, however with peaks and valleys there are no observable trends.

Copper, Total: Only sampled from 2009 through 2012. Ranged from 94 ug/l in 2012 to 4 ug/l in 2011. Peak concentrations of 94 ug/l an 80 ug/l in 2012 are larger than peaks detected in previous years which could indicate an increasing trend.

Cyanazine, Total: Sampled once in 2004, detected in 2009 and 2010 at 0.16 and 0.33 ug/l. Most sampled contained no detectable concentrations.

Cyfluthrin, total, Total: not detected in 7 samples from 2004 through 2012.

Cyhalothrin, Lambda, Total: detected well above the detection level from 2004 through 2012, however only 6 samples were collected.

DDD(o,p'), Total: detected in 2004 and 2009.

DDE(p,p'), Total: Detected at 56.36 ng/g dw in 2004 and 94 ng/g dw in 2012 with significantly lower valued detected in between, no observable trends.

Diazinon, Total: Detected at 0.006 ug/l in 2004 and 0.48 ng/g dw in 2012, all other samples were non-detectable. No observable trends.

Dieldrin, Total: detected in 2004 but not in 2009 through 2012.

Dimethoate, Total: detected in 2004 and 2009.

Dissolved Organic Carbon, Dissolved: Ranged from 3.5 mg/l to 18 mg/l., however peak values were periods of low flow. No observable trends.

Disulfoton, Total: Only detected in 2004.

Diuron, Total: 5.1 ug/l in 2010, no observable trends.

E. coli: only 11 samples during 2008 through 2012, 4 exceeded 2400 MPN/100 ml.

Endosulfan(s): not detected.

Endrin, Total: detected at 2.52 ng/g dw in 2004, detected again in 2009 and 2010, no detection in 2011 and a single sample in 2012.

EPTC, Total: No detections.

Hardness as CaCO3, Total: 43 mg/l in 2010. Peak concentration of 380 mg/l in 2012.

HCH and Heptachlor: no detections.

Lead, Dissolved: only sampled from 2009 through 2012. 0.04 to 0.11 ug/l otherwise nondetectable.

Lead, Total: 13 ug/l peak in 2009, 11 ug/l peak in 2010, 21 ug/l peak in 2011 and 33 ug/l peak in 2012, could be an increasing trend.

Linuron, Total: no detections.

Malathion, Total: one sample detected at 0.073 ug/l in 2009.

Methamidophos, Total: no detections.

Methidathion, Total: no detections.

Methomyl, Total: one detection in 2004 at 0.0695 ug/l.

Methoxychlor, Total: no detections.

Nickel, dissolved: peak concentration of 3.7 ug/l in 2012. No trends observed.

Nickel, Total: only sampled from 2009 through 2012 however peak concentrations appear to be increasing from 39 ug/l in 2009, to 122 in 2011 and 186 ug/l in 2012.

Nitrate + Nitrite as N, Total: Only sampled from 2008 through 2012 and only one sample was collected in each 2008 and 2012. Range from 0.51 to 5.1 mg/l.

Nitrogen, Total Kjeldahl, Total: Only sampled from 2008 through 2012 and only one sample was collected in each 2008 and 2012. Range from 0.24 to 5.5 mg/l.

OrthoPhosphate as P, Dissolved: Only sampled from 2008 through 2012 and only one sample was collected in each 2008 and 2012. Range from 0.08 to 0.97 mg/l.

Oxamyl, Total: not detected.

Oxygen, Dissolved, Total: Range from 1.3 to 11.29 mg/l. No trends observed.

Parathion, Ethyl, Total: not detected.

Pendimethalin, Total: detected in 2009 and 2010 but not in 2011 and 2012.

pH: Range from 6.41 to 8.33, no trends observed. Generally it is difficult to measure accurately to two decimal places in the field.

Selenium, Total: Range from 0.24 ug/l to 1.6 ug/l.

Simazine, Total: detected in 2009 and 2010 but not in 2011 and 2012.

Specific Conductivity, Total: Range from 175 uS/cm to 1165 uS/cm. Any trends could not be observed.

Temperature: Range from 4.23 C to 22.25 C.

Total Dissolved Solids, Dissolved: Ranges from 150 mg/l to 750 mg/l. The data extends from 2008 through one sample collected in 2012. There is no trend in the data.

Total Organic Carbon, Total: The data extends from 2008 through one sample collected in 2012. There is no trend in the data. There are two data points labeled as mg/kg which indicates a non liquid sample. The remaining data ranges from 3.3 mg/l to 35 mg/l.

Total Suspended Solids, Particulate: The data ranges from 14 mg/l to 1550 mg/l, there is no trend to the data set.

Toxaphene, Total: Non-detectable results.

Turbidity, Total: ranges from 11 to 800 NTU. There is no trend to the data.

Zinc, Dissolved: The samples were collected only from 2009 through 2012 and ranges from 0.7 to 12 ug/l. There is no trend to the data.

Zinc, Total: The samples were collected only from 2009 through 2012 and ranges from 6.2 to 184 ug/l. There is no trend to the data.

Toxicity

Toxicity data is not included in the chemical specific data set for this location. The annual reports submitted by the "Westside Coalition" contain summaries of the toxicity data. However, a comprehensive toxicity covering all of the sampling locations for all of the years sampled could not be located. A "focused plan" has been required and developed to address documented toxic conditions at this sampling location; Hospital Creek at River Road. The annual reports show that acute toxicity to *Ceriodaphnia dubia* (water flea) and *Selenastrum capricornutum* (algae) have occurred a sufficient number of times at this location, Hospital Creek at River Road, that special studies have been required by the Regional Board. There is no information presented that indicates that chronic toxicity has been sampled or evaluated at this location.

11934 Rising Sun Way, Gold River, CA. 95670 (916) 851-1500

Richard P. McHenry

Experience

- Civil Engineer consulting with environmental groups and non-government organizations, principally the California Sportsfishing Protection Alliance, regarding water quality and wastewater permitting issues. November 2008 through the preseent.
- Senior Specialist Water Resources Control Engineer, State Water Resources Control Board, Office of Enforcement. May 2007 through October 2008. Assigned to conduct special investigations and enforcement of water quality problems, state wide.
- Senior Water Resources Control Engineer – May 2006 through May 2007. Underground Storage Tank Cleanup Program – supervision of engineering and geology staff for oversight and enforcement of leaking underground storage tank projects.
- Senior Water Resources Control Engineer – October 1999 through May 2006. National Pollutant Discharge Elimination System (NPDES), supervision of five to six engineering staff for all permitting and enforcement NPDES projects within a 10 county area of the Central Valley.
- Water Resources Control Engineer – Central Valley Regional Water Quality Control Board – October 1987 through October 1999. NPDES and land disposal permit writing; compliance inspections; field investigations; enforcement through preparation of Cease and Desist Orders, Cleanup and Abatement Orders and Administrative Civil Liability Complaints; industrial pretreatment program oversight and inspections; stormwater inspections and enforcement. Assisted the State Water Board in developing WWTP and industrial pretreatment program training programs. Significant experience in public speaking and presentations before the Regional Board and the public.
- State Water Resources Control Board, Sacramento – October 1986 through October 1987. Clean Water Grants, Technical Support Section.
- Proficient in the use of Word, Excel and PowerPoint.

Education

1985 California State University Sacramento

- B.S., Civil Engineering

License

- P.E. Civil Engineering, State of California (C046739)

Awards

- Sustained Superior Accomplishment Award, Central Valley Regional Water Quality Control Board, April 1999
- Customer Service Award, California EPA, November 2005

EXHIBIT C

Memorandum

1 December 2013

To: Michael Lozeau
From: Bill Jennings

Subject: Is Site Specific Monitoring for the Western San Joaquin River Watershed Coalition Reasonable and Affordable?

Summary

Various water quality experts have commented that representative water quality monitoring at downstream locations cannot identify water quality violations at upstream locations, cannot assess the effectiveness of implemented management measures and therefore is not protective of water quality. The Central Valley Regional Water Quality Control Board (Regional Board) claims that requiring individual discharge monitoring would be unreasonably cost prohibitive for farmers. I reviewed the proposed Waste Discharge Requirements (WDRs), monitoring and reporting program and information sheet, as well as the various reports submitted by the Western San Joaquin River Watershed Coalition to the Regional Board. I also reviewed the Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program from the Irrigated Lands Regulatory Program Environmental Impact Report (EIR). I further examined various reports prepared by county agricultural commissioners regarding the commodity values and the latest Statistical Abstract for California.

The value of agricultural production in the six counties comprising the Western San Joaquin River Watershed Coalition is large and setting new records. Farm net income was approximately 32.4% of gross income in the most recent Statistical Abstract (2008). The cost of individual monitoring to determine compliance with water quality standards, the need for specific management measures or the effectiveness of implemented management measures for the 37% of large farming operations that comprise 94% of irrigated acreage is less than a fifth of the projected cost of implementing management measures. I could find no analysis or discussion in the economic review of the EIR or the proposed WDRs that justifies any conclusion that requiring individual farmers to monitor their discharge to determine whether or not they are violating water quality standards or whether or not management practices are needed or are effective would be an unreasonable financial burden.

Discussion

The Western San Joaquin River Watershed Coalition region has approximately 530,000 irrigated acres, of which approximately 30,000 acres are regulated under the General Order for Existing Milk Cow Dairies. WDR, p-6. There are approximately 3,100 growers with waste discharges from these 500,000 acres of irrigated lands. Id, p-6. Small farming operations, comprising 63% of growers with

fewer than 60 acres each, account for approximately 6% of the total irrigated lands. Id, p-6.

A simple calculation reveals that the 63% of small growers irrigate about 30,000 acres, or an average of 15.4 acres, while the 37% of large growers irrigate about 470,000 acres, or an average of 409.8 acres.

The costs of the Western San Joaquin River Watershed Coalition WDRs are estimated to be approximately $58 million or $116.71 per acre annually and this is approximately $7.07 per acre greater than present costs under the conditional waiver. Information Sheet, p-49. The estimated potential costs per acre are broken down as $1.28 for administration, $2.11 for farm planning, $3.78 for monitoring/reporting/tracking and $109.55 for management practice implementation. Id, p-51.

The cost breakdown for water quality monitoring is estimated to be $1,890 for one sample per year of basic parameters and detailed chemistry, including collection, analysis and management. Two complete sampling events would cost $3,745 and five per year would cost $9,310. Basic parameter sampling would cost approximately $390 for one event per year or $1,810 for five. Table 2-10, Surface and Groundwater Monitoring Cost Breakdown for Use in All Alternatives, Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program, p-2-19.

The costs of monitoring basic parameters plus detailed chemistry for a single discharge point five times per year for each of the 37% of large farms that average 409.8 acres and comprise 94% of irrigated acres in the coalition would cost $9,310 or $22.72 per acre. As noted above, the estimated costs of the implementation of management practices is estimated to cost $116.60 per acre. In other words, under the proposed WDRs, the potential costs of management practice implementation is more than five times the cost of monitoring to determine whether or not the management practices are working or even if they are necessary at a particular site. A fundamental problem of the proposed WDRs is that the monitoring program cannot determine if management measures on a particular farm or for a particular discharge are necessary or effective. Consequently, the program penalizes farmers who are in compliance and are not discharging pollutants and rewards those who haven't complied and are violating water quality standards.

Agriculture in the Central Valley is a major industry. The Western San Joaquin River Watershed Coalition comprises parts of five counties: Stanislaus, Merced, Madera, Fresno, San Joaquin and San Benito Counties. According to the annual reports by each County Agricultural Commissioner that must be submitted to the Department of Food and Agriculture in accordance with Section 2279 of the California Food and Agricultural Code, the value of agricultural commodities produced in 2012 in Stanislaus, Merced (2011), Madera, Fresno and San Joaquin counties was $3.278, $3.260, $1.739, $6.587, $2.869 billion dollars, respectively. The value of San Benito

County agriculture commodities was only $298 million reflecting relatively little agriculture in the county. All of the counties reported record highs of agricultural commodity production, with the exception of Fresno, which reported its second highest value.

According to the most recently published California Statistical Abstract (2008), Fresno, Merced, Stanislaus, San Joaquin, Madera and San Benito counties are the first, fifth, sixth, seventh, thirteenth and twenty-seventh leading agricultural producers, respectively. Table G-14, California Statistical Abstract 2008, p-130. The cash farm income in California was $39.094 billion in 2007 and the net farm income that year was $12.665 billion. Id, Table G-9 and Table G-12, pp-122 & 130. Consequently, net farm income was approximately 32.4% of gross income in 2007. Agriculture is not only a major industry but also a highly profitable industry in California.

The Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program, which was part of the draft Program Environmental Impact Report of the Waste Discharge Regulatory Program for Irrigated Lands within the Central Valley Region is not a comprehensive benefit/cost analysis. The analysis only examines the cost of monitoring, proposed alternatives and various management practices on agriculture. It does not evaluate the financial ability of various farmers to individually monitor their discharges or evaluate implemented management measures. If completely fails to disclose, analyze or discuss the costs of pollution from irrigated agriculture on the environment and society. These include increased water treatment costs; public health and environmental costs, including losses affecting public trust resources like ecosystem services, recreational and commercial fisheries, property values, esthetic enjoyment, etc. Further, ECONorthwest's An Economic Review of the Draft Irrigated Lands Regulatory Program Environmental Impact Report reviewed the Technical Memorandum and found it to be seriously flawed, containing "an incomplete, biased representation of the alternatives' overall costs" and that it "violated generally accepted standards of practice that apply to this type of economic analysis." ECONorthwest Report, p-2, 9.

In reviewing the proposed WDR's, monitoring plans and information sheet; I can find no information or discussion in any of the documents that justifies any conclusion that requiring individual farmers to monitor their discharges and adjacent receiving waters to determine whether or not they are violating water quality standards or whether or not management practices are needed or are effective is an unreasonable financial burden. Indeed, requiring farmers to monitor and assess their discharges would not only be a giant and necessary step toward protecting water quality, it could also prove to be an economic benefit to many farmers in the long run because monitoring would reveal whether or not additional management practices are even needed for a specific location.

Steven Bond and Associates
Consulting Geologists, Groundwater and Water Quality Experts
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27 September 2010

Bill Jennings, Executive Director
California Sportfishing Protection Alliance
3536 Rainier Avenue
Stockton, CA 95204

Subject: Monitoring Requirements for Compliance with the Irrigated Lands Regulatory Program.

You've asked me my opinion in the form of several questions about water quality monitoring. These questions are within the context of the irrigated lands regulatory program that deals with farmland and the water runoff from these lands into receiving waters in the State of California.

I am a professional geologist specializing in water chemistry, water quality, groundwater, and engineering geology. I hold professional licenses and certifications issued by the State of California for these practices, and operate a private consulting business providing these services. I have more than twenty-five years experience evaluating natural and contaminant water chemistry problems and issues. Eleven of those years were working for the California State Regional Water Quality Control Board on water quality issues related to the impacts and remedies of water pollution from industrial and cultural activities. My experience includes the development, preparation, and review of hundreds of water quality monitoring programs involving surface water as well as groundwater systems. A true and correct copy of my curriculum vita is attached.

You asked if it is possible to protect the beneficial uses of waters of the State without monitoring those waters. The answer is a simple no. Protection of beneficial uses of waters of the State is function of the ability to monitor those waters to determine their quality. This done to verify their conformity to water quality standards and goals as defined in the Basin Plan.

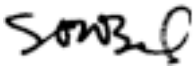
You asked if it was possible to evaluate the effectiveness of a water treatment system or of a management practice at a farm without monitoring the discharge. My answer is no. Evaluating the effectiveness of a technology or a practice requires that the change in water quality attributable to the specific practice or technology be verified. To do that a reference sample from the point of discharge and then a comparison sample taken from the same location after the technology or practice is implemented must be collected and analyzed. In actual practice, multiple samples over range of operating conditions must be collected to verify positive changes.

You also asked if it was possible to evaluate the effectiveness of a water treatment system or of a management practice at a farm from a distant downstream monitoring location. The basic answer is no. In such a case, before the samples are collected, the discharge is mixed and diluted in the receiving water with other sources of pollution from other farms. Any changes in water quality that may occur at the discharge are masked within this soup of waters and pollution and the performance of the technology or practice are essentially unknowable.

You asked if the downstream water quality of a complex watershed composed of multiple sub-watersheds, is a valid measure of the water quality in any or all of the individual sub-watersheds. My answer is no. While gross average conditions may be observed downstream, the conditions of individual upstream sub-watersheds will remain unknown. Between the downstream monitoring station and the various upstream watersheds, mixing and dilution occurs and the conditions at any upstream point are obscure to the downstream location.

I've attached a 26 May 2003 letter from me to the Chairman of Central Valley Regional Water Quality Control Board on the subject of the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands within the Central Valley Region. This letter also addresses many of the issues associated with water quality monitoring of irrigated lands.

Sincerely



Steve Bond PG, CEG, CHG
Principal, Steven Bond and Associates

Attachments

Steven Bond and Associates, Inc.
Consulting Geologists, Groundwater, and Water Quality Experts
P. O. Box 7023, Santa Cruz, CA 95061 v:(831) 458-1662, f:(425) 984-7826, c:(916) 715-7311

26 May 2003

Mr. Robert Schneider
Chairman, Central Valley Regional Water Quality Control Board
3443 Routier Road, Suite A
Sacramento, CA 95827-3003

Subject: Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands within the Central Valley Region, 24 April 2003

Chairman Schneider and Members of the Board.

I have reviewed the proposed Monitoring and Reporting Programs (MRP) for the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands within the Central Valley Region which was prepared for the 24 April 2003 Regional Board hearing. I prepared this letter on 23 May 2003 but was unable to transmit because I lacked various information available only on the Regional Water Quality Control Board Web Site, which was unavailable at that time. I was informed today that the deadline for comments was extended due to technical problems with that web site. I am submitting this letter on behalf of the DeltaKeeper and Water Keepers of Northern California.

I find that the proposed MRP and associated Quality Assurance Project Plan are impressive documents with many positive elements to offer for the protection of water quality. However, in certain respects the proposed MRP is too general and provides loop holes that may result in less than adequate monitoring data.

I am a professional geologist specializing in water chemistry, water quality, groundwater, and engineering geology. I hold professional licenses and certifications issued by the State of California for these practices, and operate a private consulting business providing these services. I have eighteen years experience evaluating natural and contaminant water chemistry problems and issues. Eleven of those years were working for the California State Regional Water Quality Control Board on water quality issues related to the impacts and remedies of water pollution from industrial and cultural activities. My experience includes the development, preparation, and review of hundreds of water quality monitoring programs involving surface water as

well as groundwater systems. A true and correct copy of my curriculum vita is attached.

The decades of growth and development of the Central Valley and its agricultural industry has coincided with the decline of the quality of the Central Valley waterways. Although this decline is a matter of record, discharges and runoff from irrigated agriculture and other agricultural operations have contributed to this decline in ways that are often difficult to quantify. They are not easily quantified because because critical monitoring programs were not in place to require the collection of essential data.

Water Quality Monitoring Fundamentals

Monitoring is the central supporting element of water quality protection and conservation. All actions to protect and safeguard our water resources rely on what the monitoring informs us about the conditions of the water bodies. Monitoring programs are like the physical senses; they are the faculties which we perceive the conditions of the water bodies. Without monitoring, we are blind to all but the grossest conditions in our rivers, streams, and lakes. Further, a poor or inadequate monitoring program provides us with questionable information and ambiguous clues to guide us in making intelligent decisions regarding water quality control.

A valid monitoring program usually begins as a well-reasoned plan. It will include an assessment of water flow onto and off of an area of possible or potential pollution, and contaminants. It will include an assessment of all the potential sources of pollution and contamination and identify the elements and constituents associated with the sources. The elements can include individual constituents as well as possible adverse effects of combinations of individual constituents and or conditions. These effects will be measured as toxicity. The well-reasoned plan will address the representativeness of sample collection by the method and timing of sample collection and measurement.

A well-reasoned water-quality monitoring plan is based on a thorough understanding of flow paths and physical and chemical quality of the water moving through a watershed. This will include an understanding of the variability of the flow and quality of the water over time, and at different locations within the watershed. This understanding of the watershed becomes the standard by which subsequent monitoring data can be measured or judged. Definition of existing conditions within a

watershed will require, at a minimum, the monitoring of a full annual cycle of climatic changes. However, multiple years of data are needed to address variations in the annual cycles.

A good understanding of a watershed (existing-conditions) is highly desirable; it is usually essential. Lacking good understanding of the existing-conditions, the only option left is to measure the quantity and quality of water before (background) it enters the critical area of the watershed (project area), and then conduct identical monitoring of water as it passes from the project area. In this latter case, the background water quality becomes the standard, or benchmark which the down-river water quality can be measured and judged.

Monitoring Point Locations

Valid monitoring data can only be collected from logical points of monitoring placed within the flow path of the discharges from the potential sources of pollution (the agricultural lands) into the receiving waters; the waters of the State.

Monitoring Parameters

A reasonable water-quality monitoring program will track physical and chemical constituents of interest (constituents of concern) specific to the discharge from a source and, will define the mass of contaminants discharging from the source. The constituents of concern will include each constituent reasonably expected to come from the agricultural operation. Constituents of concern will also have the potential to impair the beneficial uses of the receiving waters, or they will be indicators or surrogates of such pollutants.

Sample Collection Timing

Sample collection must coincide with the most likely period of time that discharge of pollutants would occur. In many cases pesticide and fertilizer application occurs only at certain times of the year and these times vary depending on the crop. Consequently a valid plan will address these variables.

Monitoring Cost Estimates

A wide range of alternative technologies exist to assist the responsible parties in efficient and cost conscious data collection. When attempting to assign a dollar cost to monitoring project, it is not reasonable to assume the that the most labor intensive sampling and analytical techniques should be used.

Monitoring Station versus Watershed Area

The proposed MRP is excessively lenient where it indicates that 20 square kilometers (5000 acres) of watershed will be a maximum area allotted per monitoring point. This language will tend to encourage dischargers to design monitoring plans around this figure and in doing so will undermine the quality of monitoring data.

For example, a monitoring plan with a large watershed and few monitoring points will inevitably have a number of small tributary water bodies located between a single monitoring point and a potential source of pollution. These small tributaries will alter the character and quality of the water and the sampled water will not be representative of the water quality impairment immediately down stream of a particular discharge. Such a program will deliver misleading and incomplete information with respect to receiving-water water quality conditions. This will result in contradictory or ambiguous conclusions with respect to the performance of any mitigation measures, or lack thereof, at the project area.

Emphasis should be placed on the requirement that each discharge point be monitored and that each sample collected be representative of the discharge water quality. The size of an area represented by a monitoring station should be a function of the number of discharges from a specific agricultural operation.

Summary

An adequate monitoring program is a valid program. It will assess the impacts to the state's waters from agricultural operations and it will require monitoring stations at the point(s) of discharge. A valid monitoring program will monitor for all constituents of concern as well as toxicity. It will assess the total mass of pollutants discharging from individual agricultural operations and it will also include a comprehensive ambient (background) monitoring program.

Sincerely

Steve Bond
Principal, Steven Bond and Associates, Inc.

Attachment

California Sportfishing Protection Alliance
Hearing in the matter of the Irrigated Lands Regulatory Program Framework
Before the Central Valley Regional Water Quality Control Board
Testimony of Steve Bond
7 April 2011

My name is Steve Bond, I'm a member of the California Sportfishing Protection Alliance, I am also a professional geologist specializing in water chemistry, water quality, groundwater, and engineering geology. I've professional licenses for these practices, and I have a private consulting business providing these services. I've more than twenty-five years experience evaluating natural and contaminant water quality issues, eleven of those years were in the employ of this Regional Water Quality Control Board. My experience includes the development, preparation, modeling and review of hundreds of water quality monitoring programs involving surface water and groundwater systems in the capacity of a regulator, as a consultant, and as an expert before State and Federal courts.

It is my professional opinion that the ILRP, as an enforceable program, is without merit. It lacks teeth, so-to-speak. The polluters are in effect not accountable for their actions or inactions. It is without actual monitoring associated with sources of pollution. The identity and location of the dischargers of pollution are allowed to hide behind the coalition shield, and are identified only through third party groups who are themselves not accountable. In Contrast, Traditional monitoring does have merit; traditional monitoring is enforceable, holds the makers of pollution accountable for their pollutants within a structure of goals and time schedules for compliance; the ILRP does not do these things.

My professional opinion is that one cannot protect WQ without representative monitoring. Protecting WQ is function of the ability to determine the condition of the State's waters and compare and contrast their quality with the standards and goals defined in the Basin Plan. . . It is not possihle to protect the beneficial uses of waters of the State without monitoring the waters and the pollutants discharged into them. And yet, the current plan proposes no representative monitoring.

It is my professional opinion that one cannot evaluate the effectiveness a technology or practice without measurement. Evaluation requires that the change in water quality attributable to the specific practice or technology he measured. But, the ILRP fails to require this basic requirement.

My professional opinion is that it is not possible to evaluate the effectiveness of a water treatment system or of a management practice from some distant downstream monitoring location. In such cases, the discharge is mixed and diluted in the receiving water with other sources of pollution. Any changes in water quality from a practice or technology, that is discernible at the edge of field, are masked within a soup of other waters and pollution, and the performance of the BMP is essentially unknowable. Yet, that is the

state and condition of this program.

My professional opinion is that in a complex watershed composed of multiple sub-watersheds, water samples from distant downstream locations, such as most of the monitoring locations in this program, are not valid representations of the water quality in any or all of the individual sub-watersheds. While gross average conditions may be observed downstream, the conditions of individual upstream sub-watersheds will remain unknown. Between the downstream monitoring station and the various upstream watersheds, mixing and dilution occurs and the conditions at any upstream point are obscure to the downstream monitoring location. And yet, that is the state of the majority of the program's monitoring.

The most basic step towards rectifying the condition of degraded waters, is to identify all the points of discharges and monitor the quality and quantity of those waters from the edges of their fields. Traditional monitoring is enforceable, holds the makers of pollution accountable for their pollutants within a structure of goals and time schedules for compliance.

California Sportfishing Protection Alliance
Hearing in the matter of the Irrigated Lands Regulatory Program
Before the Central Valley Regional Water Quality Control Board
Testimony of Jo Anne Kipps
7 April 2011

I am Jo Anne Kipps and I am on the CSPA Advisory Counsel. I am a California-registered civil engineer. I worked for the Central Valley Water Board for over 12 years in the NPDES and WDR Regulatory Programs. As Senior Water Resource Control Engineer, I supervised staff's preparation of waste discharge requirements orders for surface water and land discharges. And, I supervised staff's evaluation and enforcement of dischargers' compliance with these requirements.

It is my professional expert opinion that the Framework's recommended Program will not protect water quality. To be effective, a regulatory program must include the following. It must identify, then directly regulate the persons responsible for discharging waste. It must require them to characterize their waste for both quality and quantity to yield mass pollutant loads. It must require them to comply with waste discharge requirements designed to protect and restore water quality. It must require them to submit representative and reliable data characterizing source water, discharge, and receiving water at specified locations. This data is critical to evaluate a discharge's effect on receiving water and compliance with water quality objectives. And, most importantly, it must subject them to enforcement should they violate Board-issued Orders.

The Framework's recommended program cedes the Board's regulatory responsibility to third parties. It defers waste characterization indefinitely. It proposes an inadequate regional monitoring scheme that cannot and will not provide information necessary to characterize current conditions, let alone monitor the effectiveness of best management practices as these are implemented. And, perhaps most importantly, it makes enforcement against those dischargers responsible for causing pollution improbable. Without enforceability, the Framework's recommended Program is essentially a voluntary one that cannot and will not protect water quality.

Because irrigated agriculture has caused widespread groundwater nitrate pollution, it is my professional expert opinion that the program must consider all irrigated agricultural operations as posing a high risk to groundwater unless proven otherwise. The program must require all growers to submit data on their supply wells for nitrate and other constituents of concern. This data is necessary to establish baseline conditions and to evaluate the effectiveness of improved nutrient management.

California Sportfishing Protection Alliance
Hearing in the matter of the Irrigated Lands Regulatory Program Framework
Before the Central Valley Regional Water Quality Control Board
Testimony of Richard McHenry
7 April 2011

Good Morning Board Members
I am Richard McHenry
I am a civil engineer
I am here today representing the California Sportsfishing Protection Alliance.

I worked for the state and regional water boards for about 23 years. Much of that time was spent as a senior engineer in the NPDES unit overseeing permits for wastewater discharges to surface waters. My final assignment with the boards was as a senior engineering specialist in the Office of Enforcement at the State Water Board.

I have considerable experience in developing wastewater discharge permits, investigating water quality issues and developing enforcement actions for both permitted and unpermitted discharges.

The recommended Irrigated Lands Regulatory Program Framework proposes that regional monitoring be conducted, not monitoring at individual discharge points.

My professional opinion is that enforcement against an individual discharger cannot be based on regional monitoring. It must be proved that a specific discharger caused a specific violation. In this case, regional impacts could have been causcd by any number of upstream dischargers or circumstances and cannot be directly linked to any specific discharge point.

Based on the regional monitoring that is being proposed, I cannot see any reasonable means of taking enforcement against individual dischargers to effectively protect water quality.

I also cannot see any means of utilizing regional monitoring to evaluate the effectiveness of farm specific best management practices.

In summary, there **is** currently sufficient data showing that agricultural discharges are degrading water quality,

But, the data is insufficient to show the precise point discharges causing the problem or to determine if any corrective measures are effective.

The Regional Board has qualified engineers, geologists and scientists. Given the right tools, they have the ability to solve the water quality problems. They do not have the proper tools now and thc proposed program does not give them the proper tools.

Under the proposed program, it is unlikely that progress will be made to improve water quality.

Thank you.

G. Fred Lee & Associates

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Sent via email to ILRPcomments@icfi.com
ILRP Comments
Ms. Megan Smith
630 K Street, Suite 400
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September 25, 2010

Comments on
Draft Program Environmental Impact Report for a Waste Discharge Regulatory Program for Irrigated Lands within the Central Valley Region
Submitted by

G. Fred Lee, PhD, AAEE Bd. Cert. Env. Eng., F.ASCE
Anne Jones Lee, PhD
G. Fred Lee & Associates
El Macero, California

In response to a request for comments on the Draft Program Environmental Impact Report for a Waste Discharge Regulatory Program for Irrigated Lands within the Central Valley Region we wish to submit these comments.

Overall we find that the five alternatives listed in the draft EIR are not necessarily appropriate for providing guidance for establishing the future direction of the Central Valley Irrigated Lands Regulatory Program (ILRP). Adoption or continuation of any of the five alternatives, including the current program, cannot be expected to achieve the regulatory goals of protecting the water quality/beneficial uses of Central Valley waterbodies that are impacted by discharges/runoff from irrigated lands. Based on my (G. Fred Lee) more than 40 years of experience in development and implementation of water quality programs some of which have been directed to agricultural sources of pollutants, whichever of those alternatives the Central Valley Regional Water Quality Control Board (CVRWQCB) may adopt, it will be challenged by environmental groups and, if not overturned at the state (State Water Resources Control Board-SWRCB) and federal (USEPA) levels, it will likely be found by the courts to fail to fulfill the regulatory requirement to protect the water quality of Central Valley waterbodies from adverse impacts of discharges from irrigated lands.

The CVRWQCB Monitoring and Reporting Program Order No. R5-2008-0005 for Coalition Groups under Amended Order No. R5-2006-0053 Coalition Group Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Adopted in 2008 states:
"MRP OBJECTIVES
The Water Code mandates that monitoring requirements for a Waiver be designed to verify the

adequacy and effectiveness of the Waiver's conditions. One of the conditions of the Waiver is that discharges of waste from irrigated lands to surface waters of the State shall not cause or contribute to an exceedance of an applicable water quality standard."

This requirement means that, in accord with the Clean Water Act and the CWRWQCB, none of the water quality objectives (WQOs), including numeric and narrative objectives and covering all impairments of the designated beneficial uses of the state's waters, can be exceeded by any amount more than once in a three-year period. This requirement applies to all of the state's waters.

It is important to understand that just meeting all of the US EPA water quality criteria/ CVRWQCB water quality objectives for potentially toxic chemicals as required in the ILRP does not ensure protection of aquatic life from toxicity of the known potential pollutants as well as of chemicals for which there are no water quality criteria; a combination of potentially toxic chemicals in concentrations less than their respective toxic concentrations can cause toxicity by additive and/or synergistic effects. While additive and synergistic toxicity impacts are well-known to occur, the US EPA does not incorporate that information in its aquatic life criteria for potentially toxic chemicals that are used for the regulation of toxic chemicals based on numeric water quality standards. The CVRWQCB WQOs only consider a very limited number of additive impacts of mixtures and do not address synergistic impacts. This deficiency can be addressed to some extent through the appropriate measurement of aquatic life toxicity, and highlights the need to evaluate aquatic life toxicity in establishing compliance with water quality criteria/objective to protect aquatic life resources of the Central Valley waterbodies from the impacts of toxic chemicals in irrigated agriculture runoff/discharges. However the use of toxicity measurements will need to be greatly expanded from the current use to achieve this approach.

Comments on proposed alternatives identified in the draft ILRP EIR for governing the future direction of the ILRP follow.

Alternative 1 ("No Project" Alternative). This alternative of continuing the current regulatory program falls far short of adequately defining the occurrence and water quality impacts of irrigated lands discharges/runoff. The current program is based on the "Monitoring and Reporting Program Order No. R5-2008-0005 for Coalition Groups under Amended Order No. R5-2006-0053 Coalition Group Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands Adopted on 25 January 2008." A copy of that program is available at:
http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2008-0005_mrp.pdf.

We provided detailed comments (see attached list of papers and reports) on significant technical deficiencies in that monitoring program for the development of an information base upon which it would be possible to reliably evaluate the occurrence and significance of the discharge of pollutants from irrigated lands that cause violations of water quality standards in the state's waters and/or impairment of the beneficial uses of Central Valley waters in the case of nutrients, TOC, and other contaminants for which no numeric water quality objectives have been adopted.

Our comments on technical deficiencies in that monitoring program are available on our website, www.gfredlee.com, in the Surface Water Quality section, the Agricultural Impacts on Water Quality subsection. A copy of our specific comments on the then-final ILRP MRP is attached. Also attached is a discussion of some the issues that need to be considered in developing the ILRP to achieve the program requirements.

While some of the then-proposed water quality monitoring program deficiencies were corrected by the staff after receiving our comments, there were several major deficiencies that were allowed to be implemented in the current water quality monitoring/evaluation program the most important of which is the failure to adopt edge of the field and upstream monitoring. It appeared to us that the CVRWQCB took the position that it would ignore these deficiencies in order to reduce the cost of water quality monitoring/evaluation and thereby gain acceptance of the irrigated lands regulated community to participate even to a limited extent in the monitoring program. To now propose to continue what is obviously a significantly deficient monitoring/evaluation program as proposed in *Alternative 1* is not acceptable.

In our previous comments we stressed the need for monitoring at the edge-of-the-field and in nearby state waters to define the worst-case impacts of toxic and other chemicals discharged from agricultural activities. In some waterbodies the worst case impacts could be detrimental to fish spawning/rearing areas that would not be detected by the current downstream at a single monitoring location as practiced in the current monitoring program. This type of monitoring is also essential to evaluate the effectiveness of management practices to control WQO violations in the states waters. We also discussed the need to monitor downstream of the current monitoring locations to evaluate the impact of nutrients on downstream water quality.

The staff-recommended alternative analysis of costs and other impacts presented in the draft EIR does not reflect the true costs to achieve reasonably complete evaluation of the current water quality problems caused by irrigated agriculture discharges to surface and groundwaters. The deficiencies in the ability of the current water monitoring program to provide a proper description of the magnitude of the water quality problems caused by current agricultural discharges render the detailed analysis of these issues presented in the draft EIR unreliable. Without a technically solid assessment of water quality problems that arise at edge of the field and downstream, it is impossible to reliably estimate the control programs needed, much less the cost of implementation of control programs or their impacts on agricultural activities or water quality in the Central Valley. While a considerable amount of money has have been spent on limited aspects of the current downstream water quality monitoring, it is not possible to estimate the cost of a comprehensive water quality monitoring program that can detect essentially all the WQO violations that occur upstream, and for nutrients downstream, of the current water quality ILRP monitoring locations.

If this program is to fulfill the regulatory requirements of the program, the future water quality monitoring/evaluation program for the ILRP must include comprehensive monitoring of representative edge-of-the-field discharges and waters downstream from the discharge for the full range of potential pollutants that are likely to be in the agricultural discharge/runoff or to develop downstream as a result of the discharge. Where the discharge of pollutants (constituents that impair designated beneficial uses of the state's waters) is found, the discharger(s) should

evaluate and implement to the extent economically possible/feasible control measures for the pollutants at the source. The monitoring and evaluation of the pollutant control programs must be comprehensive such that it can provide a reliable foundation for developing and assessing the economic feasibility of implementing the pollutant control program.

Alternative 2 — Third-Party Lead Entity includes third-party monitoring of surface waters and is expanded to include some groundwater quality monitoring. The expansion of the ILRP to include evaluation and potential control of pollution of groundwater by irrigated lands is an important step toward beginning to protect the groundwater resources of the Central Valley. In our previous comments on deficiencies in the ILRP we have repeatedly pointed out that the control of groundwater pollution should be part of the program. Our comments on groundwater pollution in the Central Valley by irrigated agriculture are available on our website in the Groundwater Quality Protection section at http://www.gfredlee.com/plandfil2.htm#gwprotection. A list of our papers and reports that address issues of groundwater pollution by irrigated agriculture is attached to these comments. As discussed in those writings, it has been well-established that irrigated agriculture cannot be practiced without causing groundwater pollution by salts and nitrate. The best that can be achieved is the minimization of groundwater pollution. This should be the goal of this part of the program.

The draft EIR does not provide adequate information on the characteristics of groundwater monitoring program to develop a reliable early warning monitoring program to detect management activities by agriculture to protect groundwater from further pollution. This approach is discussed in our reports concerning the protection of groundwater quality in the Central Valley. Without this information it is not possible to estimate the costs for implementation of the program.

The claim made by several agricultural representatives at the CVRWQCB September 22, 2010 meeting, that nitrate and salts do not pollute deeper groundwater because of depth to groundwater, is not technically valid. Examination of the groundwater pollution that has occurred in the Delano and McFarland areas of the Central Valley readily demonstrates the invalidity of their claim. Having grown up in Delano, G. Fred Lee is well-aware of the pollution of the area groundwater by agriculture-derived nitrate to the point that the nitrate MCLs were exceeded in water in municipal water supply wells. While some pollutants have limited ability to penetrate the unsaturated zones of aquifers, others, such as salts, nitrate and some pesticides, have limited attenuation in the unsaturated zone; it is only a matter of time before such chemicals in the surface soils pollutant the saturated zone (water table) of the aquifer.

Alternative 2 is deficient, however, in its not requiring early-warning monitoring for groundwater pollution. Without reliable monitoring of that type it is not possible to evaluate the effectiveness of the groundwater management plans.

Alternative 3 — Individual Farm Water Quality Management Program is based on "visual" monitoring. This is not a technically valid approach for controlling water pollution by irrigated agriculture. Evaluation of Farm Water Quality Management plans must be based on comprehensive water quality monitoring at the edge of the field and for nutrients downstream of

the discharges where nutrients are impacting water quality such as in the Delta.

Alternative 4—Direct Oversight with Regional Monitoring is a potentially feasible approach provided that adequate surface and groundwater quality monitoring/evaluation and control of pollutant discharges are achieved including comprehensive edge of the field and downstream monitoring.

Alternative 5 — Direct Oversight with Farm Monitoring has the potential of being effective provided that comprehensive monitoring programs are implemented. However based on the past experience where the CVRWQCB adopted.allowed water quality monitoring programs that were obviously technically deficient there is concern the needed programs would not be required. The cost of this approach would likely cause the approach to not be implementable by small farms. This approach could potentially be used by larger farming interests, but, again, there will be need for comprehensive surface and groundwater monitoring/evaluation and management.

Rather than adopt a single alternative, or a combination of the alternatives, the CVRWQCB needs to first implement a comprehensive water quality monitoring program for surface and groundwaters. With several years' data from such a program it would be possible to start to develop a draft EIR that could reliably assess and outline the cost and effectiveness of control programs for pollutants in surface and groundwaters.

AR 00101945

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September 27, 2010

Mr. Michael Lozeau
Lozeau | Drury LLP
1516 Oak Street
Alameda, California 94501

Subject: Comments on the Draft Program Environmental Impact Report for the Long-term Irrigated Lands Regulatory Program

Dear Mr. Lozeau:

I have reviewed the "Draft Program Environmental Impact Report (PEIR) for the Long-term Irrigated Lands Regulatory Program (ILRP) within the Central Valley Region" ("PEIR") (July 28, 2010). I have also reviewed the "Irrigated Lands Regulatory Program Long-Term Program Development Staff Report (July 2010) and the "Draft Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program" (July 2010). I have prepared comments on the PEIR that address proposed surface water and groundwater monitoring and management practices.

1. The Alternatives are not Adequately Evaluated

The PEIR does not evaluate the relative effectiveness of the five alternatives in the control of contaminated discharges from agricultural operations in the Central Valley. Furthermore, the PEIR provides no quantitative analysis of the amount of contaminant loading to surface water and groundwater that would result from implementation of the alternatives. These are fundamental flaws of the PEIR that leave the reader with no basis to judge the merits and shortcomings of the alternatives. Because contaminant loads are not quantified, the cumulative impact to water quality cannot be predicted, as discussed in Comment (2) below. Finally, the PEIR fails to provide a basis to determine best practicable control or technology (BPTC) as required by Resolution No. 68-16 (Oct. 28, 1968).

Our brief qualitative analysis of the alternatives is as follows.

Alternative 1, because it is the status quo would fail to reduce contaminant loads and improve water quality and, because it relies on regional or watershed scale monitoring, would not allow for a determination of BPTC. To determine BPTC, monitoring and data comparison is necessary upgradient and downgradient of points of control, i.e., where measures are implemented in the field. Because of the reliance on current management practices and because only regional monitoring is to be used, Alternative 1would not result in measureable improvement to water quality and in fact foster further degradation of water quality.

Alternative 2, which includes some groundwater management practices, would not demonstrably reduce contaminant loads and improve water quality. The groundwater management practices include only token wellhead protection measures involve only the placement of dirt in berms adjacent to the wellhead to prevent movement of surface water to the wellhead. These minor improvements are already required under Title 3, California Code of Regulations Division 6 (effective May 27, 2004) for areas where pesticides are mixed, rinsed and stored. (http://www.cdpr.ca.gov/docs/emon/grndwtr/gwregsinfo0702.pdf) Implementation of these measures more broadly, i.e., at all farms, is not likely to result in significant water quality gains because the berms would only marginally protect against pesticide and nitrate transport in stormwater in the areas where wellheads are located and would not address subsurface transport of pesticides and nitrates.

No farm-scale monitoring requirements are included under Alternative 2 and therefore, a determination of BPTC is not possible. Because only token wellhead protection measures are to be undertaken, Alternative 2, like Alternative 1, would not result in measureable water quality improvements and may be just as likely to result in water quality degradation.

Alternative 3 requires farm plans that use a tiered approach to address water quality concerns. This alternative is an improvement and may result in some gains in water quality; however, because no surface water or groundwater monitoring is required, the implementation of this alternative would not result in measureable improvement to water quality and the lack of monitoring does not allow for BPTC determinations.

Alternative 4 provides for nutrient management and regional or individual monitoring under a tiered hierarchy. Whereas use of tiering is acceptable in determining the intensity of monitoring, the option to participate in regional scale monitoring would not allow for the determination of BMP effectiveness nor BPTC. Costs under Alternative 4 could also be reduced by incorporating groundwater quality information from public water supply systems into a database to compliment the data obtained from Tier 2 and Tier 3 farms that would be required to participate in regional groundwater monitoring. As with Alternative 3, Alternative 4 may provide some gains in water quality; however, those gains would not be measurable because only regional monitoring is required.

Alternative 5 requires surface water and groundwater monitoring at individual farms and would likely be most protective of water quality. Because discharger-scale monitoring

would be required, BMP effectiveness could be evaluated and a determination of BPTC could be made. As monitoring data from BMPs are evaluated, BPTC can be determined and deployed in the field.

The monitoring under this alternative, however, is duplicitous and overly burdensome. Instead, use of a tiering scheme (i.e., to reduce monitoring at low risk farms in low risk environments) would reduce costs as would better coordination between farms in fulfilling monitoring requirements. For example, if groundwater wells were to be installed, groundwater monitoring at neighboring farms could be coordinated with one farm's downgradient well serving as the adjacent farm's upgradient location. Alternative 5, while inefficient, would result in the greatest potential for water quality gains because of the monitoring that would be required at farms.

To properly evaluate the five alternatives, a quantitative estimate of the contaminant loads to surface water and groundwater needs to be integrated into Chapter 3 of the PEIR, Program Description. Additionally, consideration of each alternative's capability to meet BPTC needs to be incorporated into Chapter 3, including specification of monitoring at a scale that allows for the determination of BPTC.

2. Cumulative Impacts on Downstream Ecologic Receptors are not Assessed

The PEIR fails to consider cumulative impacts of the alternatives on ecologic receptors downstream of the agricultural discharges in the Central Valley, namely the Delta and the San Francisco Bay and Estuary. Wildlife in the Delta and the Bay at risk include, for example, special-status fish species such as the Delta Smelt and anadromous fish such as Chinook Salmon and Steelhead Trout. Clearly, contaminant loading of pesticides and nutrients to upstream waters impacts habitat for these fish and their prey yet no consideration of these or any individual species is given in Section 6, Cumulative and Growth-Inducing Impacts. The PEIR states only in Chapter 6:

> Because many of the existing effects discussed in the section "Existing Effects of Impaired Water Quality on Fish" are cumulative, it is difficult to determine the relative contribution of irrigated lands and other sources. For example, low DO in the Stockton Deepwater Ship Channel is a result of contamination from upstream nonpoint sources (possibly including agricultural runoff) and discharges from the Stockton sewage treatment plant (Lehman et al. 2004; Central Valley Water Board 2005). Application of pesticides to non-agricultural lands such as urban parks and the resultant contaminant runoff also cumulatively contribute to impacts of inputs from irrigated lands.

This level of analysis is insufficient and provides no basis for comparison of the cumulative impacts that would result from the five alternatives. Section 6 should be re-written to estimate and incorporate contaminant loads from agricultural practices on irrigated lands to both surface water and groundwater under each alternative. The contaminant loads should be compared to other contaminant loads (other agricultural operations (e.g, dairies) and industrial discharge (e.g., treated sewage discharges) that are

contributed to downstream water bodies, including the Delta and the San Francisco Bay, to predict cumulative impacts from Central Valley irrigated agricultural operations.

Cumulative effects are essential to consider, given the impact of poor water quality on downstream ecologic receptors. For example, pelagic organisms such as the delta smelt are in decline in the upper San Francisco Estuary. The decline is not only because of direct smelt mortality from entrainment at pump intakes but also because of exposure of smelt and smelt prey to toxics and nitrogen. (http://www.sciencedaily.com/releases/2010/05/100517161144.htm and http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/pelagic_organism/docs/pod_ieppodmt_2007synthesis_011508.pdf) Studies have also shown that contaminants, including pesticides, have been linked to the decline of striped bass in the Upper Sacramento River http://www.sciencedaily.com/releases/2008/12/081209100940.htm. Cumulative impacts are also important to consider in the decline of anadromous fish, where contaminants are one factor contributing to significant population reductions (see, for example PEIR p. 5.8-20)

Cumulative impacts are also important to consider in impacts on recreation. For example, the growth of water hyacinth (Eichhornia crassipes) in the Sacramento-San Joaquin River Delta as a result of increased nutrient loads (nitrogen and phosphorus). (http://www.dbw.ca.gov/PDF/Egeria/WHSciProbsExcerpts.pdf) The rapid growth of water hyacinth has resulted in impacts to boating and recreational use by impeding waterway navigation and swimming.

Despite these and other well-known and significant impacts, the PEIR fails to discuss cumulative impacts to water quality, fisheries, and recreation from implementation of the five alternatives. The failure to consider cumulative impacts stems from the fact that contaminant and nutrient loads were not quantified in the PEIR, by alternative, as noted in Comment 1. The PEIR needs to conduct a thorough assessment of cumulative impacts that will include consideration of contaminant contributions from irrigated agricultural lands to surface water and groundwater under each alternative.

3. Surface Water Monitoring Required under Alternatives 4 and 5 is Vague

The PEIR lacks fundamental detail regarding those alternatives where farm-scale surface water monitoring may be conducted (i.e., Alternatives 4 and 5). The PEIR describes Tier 2 and Tier 3 monitoring for Alternative 4 as follows (p. 3-19):

> Tier 2: Individual tailwater, stormwater, tile drainage monitoring for constituents of concern 1 year of every 5 years
>
> Tier 3: Individual tailwater, stormwater, tile drainage monitoring for constituents of concern

The PEIR describes surface water monitoring under Alternative 5 as follows:

Under Alternative 5, each operation would be required to conduct the following monitoring and tracking for each field and submit the results to the Central Valley Water Board annually.

- Discharge monitoring for constituents of concern
- Tailwater discharges monthly.
- Storm water discharges during the first event of the wet season (between October 1 and May 31) and once during the peak storm season (typically February).
- Discharges of subsurface (tile) drainage systems annually. (PEIR, p. 3-28)

The PEIR is vague on how surface water monitoring practices and resultant data would be reviewed stating only that the Regional Board would review and approve monitoring plans of third parties and legal entities and would review monitoring reports (PEIR, p. 3-21). The PEIR does not specify criteria that would define acceptable practices for monitoring including use of appropriate QA/QC, use of state-certified laboratories, methodology for selection of constituents of concern, and required locations for stormwater sampling (i.e., upgradient/downgradient, pre- and post BMP). We understand the PEIR is a programmatic EIR; however, some level of detail is needed in a revised PEIR to evaluate the effectiveness of the farm-scale surface water monitoring that is proposed in Alternatives 4 and 5.

4. Public Health Impacts from Exposure to Contaminated Groundwater is not Considered

More than two million Californians have been exposed to harmful levels of nitrates in drinking water over the past 15 years and the population of those exposed keeps growing. The PEIR acknowledges the extent of nitrate contamination and includes, as Figure 5.9-17, a map that shows nitrate contamination to be concentrated in the Central Valley. Incredibly, however, the PEIR makes no attempt analyze how nitrogen-based fertilizer application in the Central Valley results in significant exposure of the public to contaminated groundwater, the health impacts of that exposure, or how implementation of any of the five alternatives would reduce or increase exposure, other than to say, for Alternative 1:

> Nutrient management would improve both surface water quality and groundwater quality by improving the use of chemicals and using improved application techniques, and by limiting the use of nutrients as fertilizer that could potentially seep to groundwater and add nitrate to the groundwater table. (PEIR, p. 5.9-14)

The assertion that ongoing nutrient management efforts would somehow improve water quality is not borne out by recent data. In fact, the status quo, as proposed in Alternative 1, has resulted in an increase, statewide, in the number of wells that exceeded the health limit for nitrates, from nine in 1980 to 648 by 2007. (http://articles.sfgate.com/2010-05-17/news/20901575_1_nitrate-contamination-water-supply-water-systems) Of 13,153 wells sampled statewide, 1,077 active and standby drinking water wells have

concentrations of nitrate above the drinking water standard of 45 mg/L. (http://www.swrcb.ca.gov/water_issues/programs/gama/docs/coc_nitrate.pdf) In Tulare County, more than 40% of private domestic water wells exceed the drinking water standard for nitrate and statewide, the majority of nitrate exceedences appear to be in the Central Valley. (http://www.swrcb.ca.gov/gama/docs/ekdahl_gra2009.pdf) On the basis of more than 25 years of data, the number of wells that exceed the drinking water standard for nitrate is growing as a percentage of all nitrate detections. (http://www.swrcb.ca.gov/gama/docs/ekdahl_gra2009.pdf) Clearly the status quo is not working and implementation of Alternatives 1 and 2 would likely lead for further increases in nitrate drinking water violations in the Central Valley.

Health effects of exposure to nitrates most notably results in methemoglobinemia or "blue baby syndrome." Toxic effects of methemoglobinemia occur when bacteria in the infant stomach convert nitrate to more toxic nitrite, a process that interferes with the body's ability to carry oxygen to body tissues. Infants with these symptoms need immediate medical care since the condition can lead to coma and eventually death. Pregnant women are susceptible to methemoglobinemia and should be sure that the nitrate concentrations in their drinking water are at safe levels. Additionally, some scientific studies suggest a linkage between high nitrate levels in drinking water with birth defects and certain types of cancer. (http://www.swrcb.ca.gov/water_issues/programs/gama/docs/coc_nitrate.pdf)

The PEIR should be rewritten to include an assessment of the potential for the public to be exposed to nitrates in drinking water from agricultural practices in the Central Valley. The assessment of each alternative should include an estimate of nitrogen loading to fields; nitrogen fate and transport in soil, surface water, and groundwater; nitrogen monitoring; and a summary nitrogen impacts to water supplies. Linking monitoring to measurement of each of the alternatives is critical. An annual assessment of the performance of the alternative that is selected should be required and use of the 13,000-well California Department of Public Health database should be required as a tool for evaluation of nitrate trends.

Sincerely,

Matt Hagemann, P.G.

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Matthew F. Hagemann, P.G., C.Hg., QSD, QSP

Geologic and Hydrogeologic Characterization
Industrial Stormwater Compliance
CEQA Review
Investigation and Remediation Strategies
Litigation Support and Testifying Expert

Education:

M.S. Degree, Geology, California State University Los Angeles, Los Angeles, CA, 1984.
B.A. Degree, Geology, Humboldt State University, Arcata, CA, 1982.

Professional Certification:

California Professional Geologist
California Certified Hydrogeologist
Qualified SWPPP Developer and Practitioner

Professional Experience:

Matt has 25 years of experience in environmental policy, assessment and remediation. He spent nine years with the U.S. EPA in the RCRA and Superfund programs and served as EPA's Senior Science Policy Advisor in the Western Regional Office where he identified emerging threats to groundwater from perchlorate and MTBE. While with EPA, Matt also served as a Senior Hydrogeologist in the oversight of the assessment of seven major military facilities undergoing base closure. He led numerous enforcement actions under provisions of the Resource Conservation and Recovery Act (RCRA) while also working with permit holders to improve hydrogeologic characterization and water quality monitoring.

Matt has worked closely with U.S. EPA legal counsel and the technical staff of several states in the application and enforcement of RCRA, Safe Drinking Water Act and Clean Water Act regulations. Matt has trained the technical staff in the States of California, Hawaii, Nevada, Arizona and the Territory of Guam in the conduct of investigations, groundwater fundamentals, and sampling techniques.

Positions Matt has held include:

- Founding Partner, Soil/Water/Air Protection Enterprise (SWAPE) (2003 – present);
- Geology Instructor, Golden West College, 2010 – present;
- Senior Environmental Analyst, Komex H2O Science, Inc (2000 -- 2003);

- Executive Director, Orange Coast Watch (2001 – 2004);
- Senior Science Policy Advisor and Hydrogeologist, U.S. Environmental Protection Agency (1989–1998);
- Hydrogeologist, National Park Service, Water Resources Division (1998 – 2000);
- Adjunct Faculty Member, San Francisco State University, Department of Geosciences (1993 – 1998);
- Instructor, College of Marin, Department of Science (1990 – 1995);
- Geologist, U.S. Forest Service (1986 – 1998); and
- Geologist, Dames & Moore (1984 – 1986).

Partner, SWAPE:

With SWAPE, Matt's responsibilities have included:

- Lead analyst and testifying expert in the review of numerous environmental impact reports under CEQA that identify significant issues with regard to hazardous waste, water resources, water quality, air quality, greenhouse gas emissions and geologic hazards.
- Stormwater analysis, sampling and best management practice evaluation at industrial facilities.
- Lead analyst and testifying expert in the review of environmental issues in license applications for large solar power plants before the California Energy Commission.
- Technical assistance and litigation support for vapor intrusion concerns.
- Manager of a project to evaluate numerous formerly used military sites in the western U.S.
- Manager of a comprehensive evaluation of potential sources of perchlorate contamination in Southern California drinking water wells.
- Manager and designated expert for litigation support under provisions of Proposition 65 in the review of releases of gasoline to sources drinking water at major refineries and hundreds of gas stations throughout California.
- Expert witness on two cases involving MTBE litigation.
- Expert witness and litigation support on the impact of air toxins and hazards at a school.
- Expert witness in litigation at a former plywood plant.

With Komex H2O Science Inc., Matt's duties included the following:

- Senior author of a report on the extent of perchlorate contamination that was used in testimony by the former U.S. EPA Administrator and General Counsel.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of MTBE use, research, and regulation.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of perchlorate use, research, and regulation.
- Senior researcher in a study that estimates nationwide costs for MTBE remediation and drinking water treatment, results of which were published in newspapers nationwide and in testimony against provisions of an energy bill that would limit liability for oil companies.
- Research to support litigation to restore drinking water supplies that have been contaminated by MTBE in California and New York.
- Expert witness testimony in a case of oil production-related contamination in Mississippi.
- Lead author for a multi-volume remedial investigation report for an operating school in Los Angeles that met strict regulatory requirements and rigorous deadlines.
- Development of strategic approaches for cleanup of contaminated sites in consultation with clients and regulators.

Executive Director:

As Executive Director with Orange Coast Watch, Matt led efforts to restore water quality at Orange County beaches from multiple sources of contamination including urban runoff and the discharge of wastewater. In reporting to a Board of Directors that included representatives from leading Orange County universities and businesses, Matt prepared issue papers in the areas of treatment and disinfection of wastewater and control of the dischrge of grease to sewer systems. Matt actively participated in the development of countywide water quality permits for the control of urban runoff and permits for the discharge of wastewater. Matt worked with other nonprofits to protect and restore water quality, including Surfrider, Natural Resources Defense Council and Orange County CoastKeeper as well as with business institutions including the Orange County Business Council.

Hydrogeology:

As a Senior Hydrogeologist with the U.S. Environmental Protection Agency, Matt led investigations to characterize and cleanup closing military bases, including Mare Island Naval Shipyard, Hunters Point Naval Shipyard, Treasure Island Naval Station, Alameda Naval Station, Moffett Field, Mather Army Airfield, and Sacramento Army Depot. Specific activities were as follows:

- Led efforts to model groundwater flow and contaminant transport, ensured adequacy of monitoring networks, and assessed cleanup alternatives for contaminated sediment, soil, and groundwater.
- Initiated a regional program for evaluation of groundwater sampling practices and laboratory analysis at military bases.
- Identified emerging issues, wrote technical guidance, and assisted in policy and regulation development through work on four national U.S. EPA workgroups, including the Superfund Groundwater Technical Forum and the Federal Facilities Forum.

At the request of the State of Hawaii, Matt developed a methodology to determine the vulnerability of groundwater to contamination on the islands of Maui and Oahu. He used analytical models and a GIS to show zones of vulnerability, and the results were adopted and published by the State of Hawaii and County of Maui.

As a hydrogeologist with the EPA Groundwater Protection Section, Matt worked with provisions of the Safe Drinking Water Act and NEPA to prevent drinking water contamination. Specific activities included the following:

- Received an EPA Bronze Medal for his contribution to the development of national guidance for the protection of drinking water.
- Managed the Sole Source Aquifer Program and protected the drinking water of two communities through designation under the Safe Drinking Water Act. He prepared geologic reports, conducted public hearings, and responded to public comments from residents who were very concerned about the impact of designation.

- Reviewed a number of Environmental Impact Statements for planned major developments, including large hazardous and solid waste disposal facilities, mine reclamation, and water transfer.

Matt served as a hydrogeologist with the RCRA Hazardous Waste program. Duties were as follows:

- Supervised the hydrogeologic investigation of hazardous waste sites to determine compliance with Subtitle C requirements.
- Reviewed and wrote "part B" permits for the disposal of hazardous waste.
- Conducted RCRA Corrective Action investigations of waste sites and led inspections that formed the basis for significant enforcement actions that were developed in close coordination with U.S. EPA legal counsel.
- Wrote contract specifications and supervised contractor's investigations of waste sites.

With the National Park Service, Matt directed service-wide investigations of contaminant sources to prevent degradation of water quality, including the following tasks:

- Applied pertinent laws and regulations including CERCLA, RCRA, NEPA, NRDA, and the Clean Water Act to control military, mining, and landfill contaminants.
- Conducted watershed-scale investigations of contaminants at parks, including Yellowstone and Olympic National Park.
- Identified high-levels of perchlorate in soil adjacent to a national park in New Mexico and advised park superintendent on appropriate response actions under CERCLA.
- Served as a Park Service representative on the Interagency Perchlorate Steering Committee, a national workgroup.
- Developed a program to conduct environmental compliance audits of all National Parks while serving on a national workgroup.
- Co-authored two papers on the potential for water contamination from the operation of personal watercraft and snowmobiles, these papers serving as the basis for the development of nation-wide policy on the use of these vehicles in National Parks.
- Contributed to the Federal Multi-Agency Source Water Agreement under the Clean Water Action Plan.

Policy:

Served senior management as the Senior Science Policy Advisor with the U.S. Environmental Protection Agency, Region 9. Activities included the following:

- Advised the Regional Administrator and senior management on emerging issues such as the potential for the gasoline additive MTBE and ammonium perchlorate to contaminate drinking water supplies.
- Shaped EPA's national response to these threats by serving on workgroups and by contributing to guidance, including the Office of Research and Development publication, Oxygenates in Water: Critical Information and Research Needs.
- Improved the technical training of EPA's scientific and engineering staff.
- Earned an EPA Bronze Medal for representing the region's 300 scientists and engineers in negotiations with the Administrator and senior management to better integrate scientific principles into the policy-making process.
- Established national protocol for the peer review of scientific documents.

Geology:

With the U.S. Forest Service, Matt led investigations to determine hillslope stability of areas proposed for timber harvest in the central Oregon Coast Range. Specific activities were as follows:

- Mapped geology in the field, and used aerial photographic interpretation and mathematical models to determine slope stability.
- Coordinated his research with community members who were concerned with natural resource protection.
- Characterized the geology of an aquifer that serves as the sole source of drinking water for the city of Medford, Oregon.

As a consultant with Dames and Moore, Matt led geologic investigations of two contaminated sites (later listed on the Superfund NPL) in the Portland, Oregon, area and a large hazardous waste site in eastern Oregon. Duties included the following:

- Supervised year-long effort for soil and groundwater sampling.
- Conducted aquifer tests.
- Investigated active faults beneath sites proposed for hazardous waste disposal.

Teaching:

From 1990 to 1998, Matt taught at least one course per semester at the community college and university levels:

- At San Francisco State University, held an adjunct faculty position and taught courses in environmental geology, oceanography (lab and lecture), hydrogeology, and groundwater contamination.
- Served as a committee member for graduate and undergraduate students.
- Taught courses in environmental geology and oceanography at the College of Marin.

Matt currently teaches Physical Geology (lecture and lab) to students at Golden West College in Huntington Beach, California.

Invited Testimony, Reports, Papers and Presentations:

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Presentation to the Public Environmental Law Conference, Eugene, Oregon.

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Invited presentation to U.S. EPA Region 9, San Francisco, California.

Hagemann, M.F., 2005. Use of Electronic Databases in Environmental Regulation, Policy Making and Public Participation. Brownfields 2005, Denver, Coloradao.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Nevada and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Las Vegas, NV (served on conference organizing committee).

Hagemann, M.F., 2004. Invited testimony to a California Senate committee hearing on air toxins at schools in Southern California, Los Angeles.

Brown, A., Farrow, J., Gray, A. and **Hagemann, M.**, 2004. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to the Ground Water and Environmental Law Conference, National Groundwater Association.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Arizona and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Phoenix, AZ (served on conference organizing committee).

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in the Southwestern U.S. Invited presentation to a special committee meeting of the National Academy of Sciences, Irvine, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a tribal EPA meeting, Pechanga, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a meeting of tribal repesentatives, Parker, AZ.

Hagemann, M.F., 2003. Impact of Perchlorate on the Colorado River and Associated Drinking Water Supplies. Invited presentation to the Inter-Tribal Meeting, Torres Martinez Tribe.

Hagemann, M.F., 2003. The Emergence of Perchlorate as a Widespread Drinking Water Contaminant. Invited presentation to the U.S. EPA Region 9.

Hagemann, M.F., 2003. A Deductive Approach to the Assessment of Perchlorate Contamination. Invited presentation to the California Assembly Natural Resources Committee.

Hagemann, M.F., 2003. Perchlorate: A Cold War Legacy in Drinking Water. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. From Tank to Tap: A Chronology of MTBE in Groundwater. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. A Chronology of MTBE in Groundwater and an Estimate of Costs to Address Impacts to Groundwater. Presentation to the annual meeting of the Society of Environmental Journalists.

Hagemann, M.F., 2002. An Estimate of the Cost to Address MTBE Contamination in Groundwater (and Who Will Pay). Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to a meeting of the U.S. EPA and State Underground Storage Tank Program managers.

Hagemann, M.F., 2001. From Tank to Tap: A Chronology of MTBE in Groundwater. Unpublished report.

Hagemann, M.F., 2001. Estimated Cleanup Cost for MTBE in Groundwater Used as Drinking Water. Unpublished report.

Hagemann, M.F., 2001. Estimated Costs to Address MTBE Releases from Leaking Underground Storage Tanks. Unpublished report.

Hagemann, M.F., and VanMouwerik, M., 1999. Potential Water Quality Concerns Related to Snowmobile Usage. Water Resources Division, National Park Service, Technical Report.

VanMouwerik, M. and **Hagemann, M.F**. 1999, Water Quality Concerns Related to Personal Watercraft Usage. Water Resources Division, National Park Service, Technical Report.

Hagemann, M.F., 1999, Is Dilution the Solution to Pollution in National Parks? The George Wright Society Biannual Meeting, Asheville, North Carolina.

Hagemann, M.F., 1997, The Potential for MTBE to Contaminate Groundwater. U.S. EPA Superfund Groundwater Technical Forum Annual Meeting, Las Vegas, Nevada.

Hagemann, M.F., and Gill, M., 1996, Impediments to Intrinsic Remediation, Moffett Field Naval Air Station, Conference on Intrinsic Remediation of Chlorinated Hydrocarbons, Salt Lake City.

Hagemann, M.F., Fukunaga, G.L., 1996, The Vulnerability of Groundwater to Anthropogenic Contaminants on the Island of Maui, Hawaii. Hawaii Water Works Association Annual Meeting, Maui, October 1996.

Hagemann, M. F., Fukanaga, G. L., 1996, Ranking Groundwater Vulnerability in Central Oahu, Hawaii. Proceedings, Geographic Information Systems in Environmental Resources Management, Air and Waste Management Association Publication VIP-61.

Hagemann, M.F., 1994. Groundwater Characterization and Cleanup at Closing Military Bases in California. Proceedings, California Groundwater Resources Association Meeting.

Hagemann, M.F. and Sabol, M.A., 1993. Role of the U.S. EPA in the High Plains States Groundwater Recharge Demonstration Program. Proceedings, Sixth Biennial Symposium on the Artificial Recharge of Groundwater.

Hagemann, M.F., 1993. U.S. EPA Policy on the Technical Impracticability of the Cleanup of DNAPL-contaminated Groundwater. California Groundwater Resources Association Meeting.

Hagemann, M.F., 1992. Dense Nonaqueous Phase Liquid Contamination of Groundwater: An Ounce of Prevention... Proceedings, Association of Engineering Geologists Annual Meeting, v. 35.

Other Experience:

Selected as subject matter expert for the California Professional Geologist licensing examination, 2009-2011.

KARR

CENTRAL VALLEY

REGIONAL WATER QUALITY CONTROL BOARD

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WORKSHOP

EIR SCOPING MEETING

EIR FOR THE REGULATION OF DISCHARGES FROM

IRRIGATED LANDS WITHIN THE CENTRAL VALLEY REGION

HELD AT

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL
FRESNO, CALIFORNIA

ORIGINAL

WEDNESDAY, MARCH 5, 2003
9:00 A.M.

Reported by:

ESTHER F. SCHWARTZ
CSR NO. 1564

1

2 APPEARANCES

3

4 STAFF:

5 PETER OSMOLOVSKY
LONNIE WASS
6 RUSSELL WALLAS
ANNEE FERRANTI
7 WILLIAM CROYLE
KELLY BRIGGS

8

AUDIENCE:

9

NETTIE R. DRAKE
10 CINDY FORBES
ORVIL MCKINNIS
11 JOSE FARIA
JOHN SHELTON
12 HICHAM ELTAL
DANIEL ROURKE

13 ---oOo---

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1 things. That is what the Board wants to try to figure
2 out, what is the best mechanism or mechanism to manage
3 this.
4 From my point of view it seems clearly some of these
5 dischargers are de minimis. Waivers are appropriate.
6 Let's move on. And other dischargers may need a lot more
7 management.
8 MR. FARIA: Right.
9 MR. CROYLE: I think the effort is trying to
10 flush that out with the information we have and the
11 information we don't have, how we can move forward.
12 MR. FARIA: The problem is you have to adopt a
13 set of regulations equal for everybody in the state. We
14 have different local conditions that might apply. That is
15 one of the points that may be a problem.
16 MR. CROYLE: I think that is a good point to
17 make in the context of this meeting, is that your view is
18 there may be different environmental settings or economic
19 settings throughout the basin that needs to be considered
20 in this process.
21 MR. FARIA: Outside of regulations don't apply
22 for all, a single set of regulations.
23 MR. CROYLE: If there are no more questions at
24 the moment, I will try to get back to this question. Your
25 question with regard to the implementation plan and the

U.C. Davis monitoring.

Just to give everybody a little background into where we are at. The Board has secured some resources through the State Water Resources Control Board to implement a pilot study for the Board to determine how future monitoring efforts should be managed and looking at irrigated land discharges. There is various ways to look at monitoring approaches.

So the Board has contracted with U.C. Davis to develop this implementation plan. It is a pilot study, short-term in nature. It has about nine months' worth of sampling over a year and a half of data collection and data crunching and report writing. That effort is supposed to be feed data into the environmental review process. And because of the limited time and also the geographic areas centered around Davis and travel time needed to go out and identify sites, take the samples and come back, they went through starting with 85 monitoring sites centered about a hundred miles around U.C. Davis, so they could, if you will, get out and get back within a reasonable amount of time. And if they had toxicity in the sampling, go back out, take more samples and bring them back to the labs within 48 hours.

So the pilot project was developed in kind of a small universe around U.C. Davis so they can develop their

1 techniques and -- the plan itself, what it cost, is it
2 effective, how much samples do you need, where should we
3 be monitoring, and things like that.
4 We ended up with 24 sample sites, focused in San
5 Joaquin area, Yolo County, Solano County to look at water
6 bodies that are not main stem. Trying to back off the
7 main stem a little bit. And it is not an effort to look
8 at compliance or look at enforcement actions against
9 irrigated lands; that is not what this is supposed to do.
10 We are going to go out and select the data on a
11 scientifically based method to determine whether these
12 discharges exceed water quality objectives or not, if we
13 have toxicity or not.
14 There is not a regulatory site to this project. But
15 with respect to those samples and whether you have
16 upstream impacts from other than irrigated lands, they are
17 trying to factor that in to identify the sites. So during
18 this pilot study, it is just the sampling of drains
19 themselves with limited information about the drains
20 upstream. How that relates to a watershed group in the
21 future that might be asked to do similar type monitoring,
22 I think that is going to be up to the watershed group as
23 defined in the conditional waivers, to identify their
24 watersheds, write down the geographic features, whether
25 includes all irrigated lands, whether it has urban

1 components or not, and the monitoring programming we
2 expect to see, frankly, would need to incorporate those
3 kinds of considerations into the development of that.
4 A lot of the watershed groups as we have for the
5 past couple of months been talking to, all looking at the
6 main stem, downgradient monitoring. And I think we will
7 be needing to work with a lot of those watershed groups
8 because that is going to tell us a very limited amount of
9 information with regards to what is going on upstream in
10 the watershed. If you have urban components, and quite a
11 few watersheds will, I think Marysville, Yuba City, Chico,
12 some of those areas in the north where we have had these
13 discussions already, where we have potentially significant
14 surface water discharges from urban, plus some water in
15 like effluent dominated water bodies from wastewater
16 treatment plants.
17 Those aspects of your watershed and drainage need to
18 be incorporated into your monitoring program, which would
19 be upgradient, downgradient pathways from those urban
20 sources. Especially if you are going to try and tease out
21 the part of what irrigated land is responsible for or not.
22 If comes out to be 10 percent of the overall level of
23 constituents within the discharge is the responsibility of
24 the irrigated lands, obviously a lot of work has to come
25 from the urban side in the watershed group. That is kind

MEETING

STATE OF CALIFORNIA

CENTRAL VALLEY REGIONAL

WATER QUALITY CONTROL BOARD

CENTRAL VALLEY REGIONAL

WATER QUALITY CONTROL BOARD

11020 SUN CENTER DRIVE #200

SACRAMENTO, CALIFORNIA

APRIL 7, 2011

LISA SCHAFER, CSR 12723
CERTIFIED SHORTHAND REPORTER

1 we received that letter last night that had already
2 distributed to the Board members. If you want, we can
3 bring up those copies right now for your convenience,
4 otherwise, if you already have them --
5 CHAIRPERSON HART: I have mine and I read it,
6 but I don't know other Board members need a copy.
7 I'm seeing none. If you want to make them
8 available for the public folks.
9 PUBLIC ATTENDANCE CARDS: I just brought them
10 as a courtesy knowing staff got in a lot of things in
11 last night.
12 CHAIRPERSON HART: Yes, thank you.
13 PUBLIC ATTENDANCE CARDS
14 PUBLIC ATTENDANCE CARDS: Good afternoon, Madam
15 Chair, Board members, Bill Jennings, California Sport
16 Fishing Protection Alliance. And I would first like to
17 mention that that -- as to the letter, somehow the
18 restoration federation citizens complete the refuge and
19 grizzly fight, but paid craw fishers did not get on
20 there, they signed up later so, that it's more.
21 But, I wanted to include it in the reference.
22 In the late 1980's Mike (inaudible) and myself prepared
23 the initial petition, filed the initial lawsuit, wrote
24 the legislation that, as chartered, Sunset existing the
25 1982 waivers. Eighty-eight, almost eight years ago, I

1 testified before this Board that the proposed 2003
2 conditional waiver was flawed, would not improve water
3 quality, just some (inaudible) work. Today this Board
4 cannot quantify a single molecule pollution has been
5 prevented; a single BMP would have been implemented, or
6 a single management measure that has been affected --
7 effective. And I might refer to that, that it's --
8 let's not keep in mind that the use of guideline
9 collapsed when the cheaper more toxic rethoids came on
10 to the market. That means that the Coalition had
11 nothing to do with that.
12 After -- after (inaudible) years, the best
13 phase supervisor charges a program, can pronounce a
14 record that says, and I quote, "It's difficult to just
15 say if things improved or have they not. I would say
16 it's too early to really quantify how much things have
17 improved, and we're not seeing poor quality getting
18 worse," unquote.
19 Well, but it's bad. The board (inaudible)
20 reporting knowledge is a virtual (inaudible) monitor
21 sites downstream of agricultural areas of L.A. water
22 quality standards, 63 percent of the experienced
23 toxicity, often from multiple species, pesticides
24 standards been exceeding more than half the sites often
25 from multiple pesticides, metal violating criteria,

1 66 percent metal (inaudible), in '87 in more than 80
2 percent of the sites violated general parameters.
3 You know, the proposed framework is a
4 bureaucratic Taj Mahala that's being proposed is simply
5 ineffective. Under its Board can't know, (inaudible)
6 specific basis. So, what is discharging, what or how
7 much is being discharged, the localized impacts?
8 If being BMP's had been implemented or if the
9 implemented BMP's are affected, it will not provide the
10 information necessary to establish and evaluate
11 milestone, performance measures, feedback groups, or
12 consequences for noncompliance. I mean, these are the
13 necessary -- necessary information you need for
14 compliance with an ongoing source policy. This
15 (inaudible) framework is unaccountable.
16 Coalitions have served as shields, preventing
17 this Board from identifying which farmers are doing the
18 right things from the bad actors. The framework is
19 unenforceable as Board's enforcement powers are limited
20 to actual dischargers. Staffs enforcement, to date,
21 has been limited to requiring farmers to join
22 Coalitions where they disappear behind a shield of
23 anonymity. And behind that shield, no farmer has ever
24 been held accountable for failing to implement measures
25 to reduce pollution.

1 The proposed framework is unarguable,
2 pollution's not free, someone always pays, and their
3 health, and their pocketbook, and their (inaudible)
4 environment. Their proposed framework is simply a
5 transference of adverse production costs from farmers
6 to the general public.
7 This Board recently required the citizens of
8 Stockton to spend more than a billion dollars to
9 improve their Waste Water Treatment Plant. It required
10 a similar outlay from the City of Stockton, and the
11 results were dramatic and immediate. We went from
12 30-to-35 milligrams a liter of ammonia to the low
13 single digits. We saw that immediate results in
14 dissolved (inaudible) levels in the deep water channel.
15 Every other Sacramento society has to monitor
16 discharges and document measures taken to reduce or
17 eliminate pollution. Everybody but agriculture, which
18 gets a free ride, a license to pollute.
19 Regulation works. I mean, drive past a
20 construction site and you'll see the BMP's. Exam the
21 Board files and you'll find monitor results in the
22 measure implemented by municipalities, by industry, or
23 by the junkyard down the street. I mean, we maintain a
24 docket of storm water enforcement cases against bad
25 actors, but, you know, for every case we file, we find

1 dozens of businesses in compliance; they can document
2 their BMP's and demonstrate reductions in pollutant
3 loading. Irrigated agriculture remains a (inaudible)
4 unaccountability, black hole. The Coalitions produced
5 a blivit of reports: (inaudible), inflated claims,
6 wishful hope, but we have no documented progress. Our
7 water ways are polluted, Central Valley Fisheries are
8 collapsing, the Delta's aquatic tapestry is
9 disintegrating, it's time for this Board to adopt a
10 single, simple regulatory program. Thank you.
11 PUBLIC ATTENDANCE CARDS: Good afternoon. My
12 name is Steven bond. I'm a member of the California
13 Sport Fishing Protection Alliance. Their address is
14 part of the record. And I have taken the oath. I'm
15 also a (inaudible) geologist, I specialize in water
16 quality, water chemistry groundwater, engineering
17 (inaudible), and I got professional licenses for these
18 practices. And I have a (inaudible). 11 of those
19 years were in the (inaudible) of this regional board.
20 My experience includes the development, preparation
21 modeling in review of hundreds of water quality
22 monitoring programs involving surface water,
23 groundwater systems, capacity of a regulator, as a
24 consultant, and as an expert before State and Federal
25 Courts. And I have several opinions I'd like to share

1 with you.
2 It is my professional opinion that the IRP, as
3 an enforceable program, is without merit, it lacks
4 (inaudible). The polluters are in effect and not
5 accountable for actions or inactions; it is without
6 actual monitoring, associated with the sources of
7 pollution.
8 The identity of a location of the discharges of
9 pollution are allowed to hide behind the Coalition
10 shield and are identified only through third-party
11 groups who are, themselves, not accountable. In
12 contrast, traditional monitoring does have merits.
13 Traditional monitoring is enforceable. It holds the
14 makers of pollution accountable for their pollutants
15 within a structure of goals and time schedules with
16 milestones for compliance. And these are some of the
17 things which the hierarchy does not have.
18 Now, regarding monitoring, my professional
19 opinion is that one cannot protect water quality
20 without representative monitoring. Protecting water
21 quality is the function of the ability to determine the
22 condition of the State's waters and comparing contrast
23 or quality with the standards and goals to find in the
24 basin plan, as if you didn't know that.
25 It is not possible to protect the beneficial

1 uses of waters in the State without monitoring waters
2 on the pollutants (inaudible) and yet the current plan
3 proposes no representative monitoring. It is my
4 professional opinion that one cannot evaluate the
5 effectiveness of a technology or practice without
6 measurement. Evaluation requires that the change in
7 water quality attributable to the specific practice or
8 technology be measured, but this program fails to
9 require this basic requirement.
10 My professional opinion is that it is not
11 possible to evaluate the effectiveness of a water
12 trutin (phonetic) system or of a management practice
13 from distant downstream monitoring location. In such
14 cases (inaudible) other sources of pollution made
15 changes in the water quality or a practice in
16 technology that is discernable at the edge of the field
17 are masked within a suit of other waters and pollution
18 and the performance of the practice the BMP essentially
19 unknowable, and yet, that is the State and condition of
20 this program.
21 It's not surprising that most of the waters
22 fall into Tier 2. My professional opinion is that it
23 is a complex -- that it's in a complex watershed
24 composed of sub watersheds. Water samples from distant
25 downstream locations such as -- most of the marking

1 locations in this program are not valid representations
2 of the water quality in any or all of the visible sub
3 watersheds. While gross average conditions may be
4 observed, downstream, the condition of individual
5 upstream sub watersheds will remain unknowing. Between
6 the downstream monitoring station and the various
7 upstream watersheds, mixing a dilution occurs and a
8 condition at any upstream point are obscured to a
9 downstream monitoring location, and yet, that is the
10 state of majority of the programs monitoring. The most
11 basic step of rectifying the condition of (inaudible)
12 waters is to identify it. The points of discharge, all
13 of the points of discharge, and monitor the quality and
14 quantity of those waters from the edges of the fields.
15 Traditional monitoring is enforceable, holds an
16 acre of pollution accountable for the pollution within
17 a structure of goals and time schedules for compliance.
18 PUBLIC ATTENDANCE CARDS: Hello, Board members,
19 my name is Joanne Kipp. I am on the Sea-saw Advisory
20 Counsel, and I have taken the oath.
21 I'm a California Registered Civil Engineer, and
22 I worked for the Central Valley Water Board for over 12
23 years in the NTBES and WDR regulatory programs. As a
24 senior water resource control engineer, I supervise
25 staffs presentation, preparation of waste is our

1 inadequate regional monitoring scheme that cannot and
2 will not provide information to this Board necessary to
3 characterize current conditions, let alone, monitor the
4 effectiveness of best management practices as these are
5 implemented. And perhaps, most importantly, it makes
6 enforcement against those dischargers responsible for
7 causing the pollution improbable.
8 Without enforceability, the frameworks
9 recommended programs essentially voluntarily one that
10 cannot and will not protect water quality. Because
11 irrigated agriculture has caused a wide spread
12 groundwater nitrate pollutions, in my professional
13 opinion, that the program must consider all irrigated
14 agricultural operations as opposed to a high risk to
15 groundwater, unless and until proven otherwise.
16 The program should require all growers to
17 submit data on their supply wells for nitrate and other
18 constituents of concern. This data is necessary to
19 establish baseline conditions and to evaluate the
20 effectiveness of improved nutrient management.
21 PUBLIC ATTENDANCE CARDS: Chair Person Hart,
22 Board members, I'm Richard McHenry. I am civil
23 engineer, I'm here today representing the California
24 Sportfishing Protection Alliance.
25 And I have taken the oath.

1 I work for the State and Regional Water Board's
2 for about 23 years. Much of that time was spent as a
3 senior engineer in the MPDS unit overseeing permits for
4 waste water discharges to surface waters. My final
5 assignment with the Board was as senior engineering
6 specialist in the Office of Enforcement and the State
7 Water Board. I have considerable experience in
8 developing waste water discharge permits, investigating
9 water quality issues, and developing enforcement
10 actions for both permitted and un-permitted discharges.
11 The recommended irrigated lands regulatory
12 program framework proposes that regional monitoring be
13 conducted, not monitoring at individual discharge
14 points. My professional opinion is that enforcement
15 against an individual discharger cannot be based on
16 regional monitoring, it must be proved that if the
17 specific discharger caused this specific problem or
18 violation. In this case, regional impacts could then
19 cause, by any number of upstream dischargers or
20 circumstances, and cannot be directly linked to any
21 specific discharge point.
22 Based on the regional monitoring that is being
23 proposed, I cannot see any reasonable means of taking
24 enforcement against individual dischargers to
25 effectively protect water quality. I cannot -- I can

1 also not see any means of utilizing the regional
2 monitoring to evaluate the effectiveness of the farms
3 specific invest management practices. In summary,
4 there is currently sufficient data showing that
5 agricultural discharges are degrading water quality.
6 But the data is insufficient to show the precise
7 discharge points causing the problems or to determine
8 if any corrective measures are effective.
9 Regional Board has qualified engineers,
10 geologists, and scientists. And given the right tools,
11 they have the ability to solve these water
12 (inaudible)problems. They do not have the proper tools
13 now, and the proposed program does not give them the
14 proper tools.
15 Under the proposed programs, it is unlikely
16 that progress will be made to improve water quality.
17 Thank you.
18 PUBLIC ATTENDANCE CARDS: Members of the Board,
19 I've already identified myself, and I've given you my
20 location.
21 Just for the record, I wanted to exhaust the
22 point that the framework is subject to CEQA. It is a
23 project, it is a program. Whether it's by direction or
24 resolution, a proposition will be subject to CEQA.
25 As you can tell, we're not big fans of the

3.2.6.1 Responses to Letter 107

107-1

See Comment Letter 41, Response 1.

107-2

Alternatives 2–6 require tracking of management practices implemented to comply with the ILRP. In order to enroll in the ILRP, operations would be required to certify that practices implemented do not involve impacts on a sensitive resource unless mitigation measures are implemented. Operations implementing practices that impact sensitive resources would be required to report on implementation of mitigation measures.

Operations choosing to implement management practices for compliance with the ILRP that would impact a sensitive resource but do not implement mitigation measures would not be eligible for enrollment in the ILRP. These operations would be required to work individually with the Central Valley Water Board to obtain regulatory coverage for their waste discharge.

See Master Response 6.

107-3

The purpose of the ILRP is to regulate irrigated agricultural waste discharges to surface or groundwater. However, the ILRP does not require that the amount of each participating contribution to a water quality problem be determined. If a water quality problem (e.g., degradation occurring, or not meeting objectives) exists, operations that potentially contribute to the problem are required to minimize their waste discharge. If the selected ILRP alternative's monitoring program is regional in nature (i.e., individual field effects on receiving waters are not monitored), it is not possible to determine whether and how much each operation is contributing to the problem—water quality assessment and feedback mechanisms are based on the watershed-scale for multiple sources. Therefore, the ILRP requires that operations that *potentially* contribute sources to the problem implement management practices designed to minimize their contribution. Often times the cost of conducting a source control study may be greater than the cost of implementing measures to minimize waste contributions. Local third-party groups would need to weight this consideration in determining whether to focus on source control or studies in program implementation. However, where agriculture is not a source, the ILRP would not require implementation of practices. Also see Comment Letter 100, Response 40. The overarching regional plan described is an optional plan that could be developed and funded by participating entities within a watershed or area.

Agricultural operations that do not wish to participate in implementing practices under the ILRP have the option to file a report of waste discharge and obtain individual waste discharge requirements. These requirements would specify individual monitoring of effluent and/or receiving waters designed to ensure that the operations waste discharge does not cause or contribute to an exceedance of water quality objectives and that BPTC is implemented where there is degradation of a high quality water.

2008 California Statistical Abstract

Arnold Schwarzenegger, Governor
State of California

Issued January 2009

PREFACE

This is the 48th edition of the California Statistical Abstract, a compilation of data on social, economic, and physical aspects of the State. The volume is a cooperative effort of various government agencies, coordinated and issued annually by the California Department of Finance, Economic Research Unit.

The contributor for each table is given at the bottom of the table and may be contacted for more details or an explanation of the data. The Department of Finance welcomes comments on the Abstract and ways in which it may be developed into an even more useful compilation of data on the State.

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You can now receive the California Statistical Abstract, and other Department of Finance publications on the Internet at www.dof.ca.gov

Introduction vii

Metropolitan Statistical Areas . . . . . viii - x

Map xi

List of Cities and Counties . . . . . xii - xvi

A. Area, Geography, and Climate 1
Land Area–Government Property–National & State Parks–Elevations–Climatological Data

B. Population 9
Population of the State–Population for Counties and Cities

C. Labor Force and Employment 23
Civilian Labor Force and Employment–Nonagricultural Wage and Salary Employment–Covered Employment–Hours and Earnings–Work Injuries–Workmen's Compensation–Employment Service Placements–Manpower Training

D. Gross Domestic Product, Income and Cost-of-Living. 63
Gross Domestic Product–Personal Income–Personal Tax Returns–Bank and Corporation Income–Consumer Price Indices–Consumer Expenditures–Median Family and Household Income–Poverty Guidelines–Minimum Wage

E. Health and Welfare. 91
Vital Statistics–Public Health Facilities–Rehabilitation–Mentally ill and Retarded–Adoptions–Public Assistance Expenditures–Disability Insurance Activities–Unemployment Insurance Activities

F. Education 109
Enrollments–School Personnel–Expense of Education–Average Daily Attendance–Graduates–Private Schools–Libraries

G. Resource Industries. 115
Water Conditions–Dams & Reservoirs–State Water Project–Cash Receipts–Leading Commodities–Farms–Agriculture–Crop Production–Lumber Production–Forestry–Fishing–Mineral Production–Natural Gas

H. Manufacturing 149
Employment–Payroll–Value Added–Capital Expenditures–Prime Contract Awards

I. Construction. 159
Nonresidential Building Permits–Residential Permits–Valuation–Housing Characteristics–Existing Home Sale Prices

J. Transportation & Public Utilities 171
Highway mileage–Fuel distribution–Registration–Driver's licenses–Accidents–Average Monthly Utility Bills–Electrical Energy Production

K. Trade and Services 181
Wholesale Trade–Retail Trade–Taxable Sales–Services–Foreign Trade–Airborne Trade

L. Banking and Finance. 193
Bank Deposits and Loans–Savings and Loan Association Assets and Loans

M. Public Finance 201

N. Law Enforcement 225
Prison population–Youth authority wards

O. Elections. 231

P. Comparative Fiscal and Economic Data for the States 237
Gross State Product–Personal Income–Employment–Retail Trade–Other Economic Comparisons

Q. 2002 Economic Census 267

Contributors 287

INTRODUCTION

California covers 163,696 square miles between the 32nd and 42nd parallels north latitude on the Pacific coast. There are 840 miles of general coastline. The State is well known for its temperate climate which has attracted millions of people to the coastal cities. Los Angeles-Riverside-Orange ranks as the second largest consolidated metropolitan area in the United States, and San Francisco-Oakland- San Jose as the fourth. California includes Mount Whitney, the highest peak in the contiguous United States, 14,494 feet above sea level, and Death Valley, 282 feet below sea level, the lowest point in the Western Hemisphere. The average July maximum temperature ranges from 63 degrees in Eureka to 99 degrees in Redding.

Population--During the century following 1860, California's population approximately doubled five times or once each 20 years. However, with such a burgeoning base count, this rate could not be sustained. During the 10-year period since 1998, the net annual civilian migration has varied from a high in 2001 of 394,000 to a low of 120,000 in 1998. From July 1, 1998 to July 1, 2007, the total population increased by 4,923,000 or 15 percent.

Labor force and employment--California's civilian labor force averaged 18,188,000 for 2007, an increase of 281,000 or 1.6 percent, from 2006. Civilian employment increased by 179,000 to 17,209,000 and unemployment increased by 102,000 to 979,000. The resulting unemployment rate increased to 5.4 percent from 4.9 percent in 2006.

Gross domestic product--California's gross domestic product for 2007 was $1.813 trillion, 13 percent of the U.S. total.

Personal income--Personal income of California residents reached $1.520 trillion in 2007, 13 percent of total U.S. personal income. About 54 percent of the total was received as wages and salaries. Together, services and manufacturing accounted for almost 60 percent of the total wage and salary disbursements.

Corporate income--Net income less net loss of $140 billion was reported by the 684,363 banks and corporations operating in the State during the 2006 income year. Manufacturing, trade, and finance industries accounted for over one half of the total net income.

Manufacturing--California has the largest manufacturing complex in the Nation. According to the 2006 Annual Survey of Manufacturers, value added during that year amounted to $238 billion. The state's defense industry remains the largest in the U.S. and claimed 13 percent of all defense prime contracts in fiscal year 2005, in addition to substantial production for the civilian sector.

Agriculture--California continues to be the nation's leading agricultural producer. Cash receipts from marketings received by California farmers during 2007 totaled $37 billion.

Foreign trade--The most widely used trade data come from the value of exports and imports that move through ports, regardless of where exports were actually made or where imports are consumed. In 2007, exports and imports increased by 7.9 percent and 3.7 percent, respectively. An alternate foreign trade measure, available for exports only, tracks goods from the state of manufacture or origin. Exports of California-made goods totaled $134 billion in 2007, an increase of 5 percent from 2006.

Metropolitan areas--Effective June 6, 2003, three new categories of metropolitan areas have been introduced. Some changes were made to the actual make-up of several metropolitan areas. In California, there are four Metropolitan Divisions that combine into two Metropolitan Statistical Areas (MSA's), one in Southern California and the other in the Bay Area. These four divisions account for about half of California's total population. There are now 24 MSA's consisting of 30 counties and ten counties that are designated Micropolitan Statistical Areas. A new set of areas called Combined Statistical Areas (CSA's) was formed which combines adjacent Metropolitan and Micropolitan Statistical Areas, in various combinations. Four CSA's were designated in California. More of the state is now part of defined metropolitan areas. Previously, 24 of the state's counties were not part of any metropolitan area. Now only 13 counties are not defined.

Counties--There are 58 counties in California. Much of the data in the Abstract are reported by county. For the user's convenience, a map is provided as well as a listing of California cities and their corresponding counties.

PRIOR TO JANUARY 1, 1993: METROPOLITAN AREAS IN CALIFORNIA

Name	Designation	Counties
Los Angeles-Anaheim-Riverside	CMSA	
Anaheim-Santa Ana	PMSA	Orange
Los Angeles-Long Beach	PMSA	Los Angeles
Oxnard-Ventura	PMSA	Ventura
Riverside-San Bernardino	PMSA	Riverside and San Bernardino
San Francisco-Oakland-San Jose	CMSA	
Oakland	PMSA	Alameda, Contra Costa
San Francisco	PMSA	Marin, San Francisco, and San Mateo
San Jose	PMSA	Santa Clara
Santa Cruz	PMSA	Santa Cruz
Santa Rosa-Petaluma	PMSA	Sonoma
Vallejo-Fairfield-Napa	PMSA	Napa and Solano
Bakersfield	MSA	Kern
Chico	MSA	Butte
Fresno	MSA	Fresno
Merced	MSA	Merced
Modesto	MSA	Stanislaus
Redding	MSA	Shasta
Sacramento	MSA	El Dorado, Placer, Sacramento, and Yolo
Salinas-Seaside-Monterey	MSA	Monterey
San Diego	MSA	San Diego
Santa Barbara-Santa Maria-Lompoc	MSA	Santa Barbara
Stockton	MSA	San Joaquin
Visalia-Tulare-Porterville	MSA	Tulare
Yuba City	MSA	Sutter and Yuba

EFFECTIVE JANUARY 1, 1993: METROPOLITAN AREAS IN CALIFORNIA *

Name	Designation	Counties
Los Angeles-Riverside-Orange	CMSA	
Los Angeles-Long Beach	PMSA	Los Angeles
Orange County	PMSA	Orange
Riverside-San Bernardino	PMSA	Riverside and San Bernardino
Ventura	PMSA	Ventura
San Francisco-Oakland-San Jose	CMSA	
Oakland	PMSA	Alameda, Contra Costa
San Francisco	PMSA	Marin, San Francisco, and San Mateo
San Jose	PMSA	Santa Clara
Santa Cruz-Watsonville	PMSA	Santa Cruz
Santa Rosa	PMSA	Sonoma
Vallejo-Fairfield-Napa	PMSA	Napa and Solano
Sacramento-Yolo	CMSA	
Sacramento	PMSA	El Dorado, Placer, and Sacramento
Yolo	PMSA	Yolo
Bakersfield	MSA	Kern
Chico-Paradise	MSA	Butte
Fresno	MSA	Fresno, Madera
Merced	MSA	Merced
Modesto	MSA	Stanislaus
Redding	MSA	Shasta
Salinas	MSA	Monterey
San Diego	MSA	San Diego
San Luis Obispo-Atascadero-Paso Robles	MSA	San Luis Obispo
Santa Barbara-Santa Maria-Lompoc	MSA	Santa Barbara
Stockton-Lodi	MSA	San Joaquin
Visalia-Tulare-Porterville	MSA	Tulare
Yuba City	MSA	Sutter and Yuba

* Based on data collected from the 1990 Census of Population and Housing.

MSA: Metropolitan Statistical Area
PMSA: Primary Metropolitan Statistical Area
CMSA: Consolidated Metropolitan Statistical Area

Effective June 6, 2003		
CORE BASED STATISTICAL AREAS IN CALIFORNIA *		
NAME	**DESIGNATION**	**COUNTIES**
Fresno-Madera	CSA	
Fresno	MSA	Fresno
Madera	MSA	Madera
Los Angeles-Long Beach-Riverside	CSA	
Los Angeles-Long Beach-Santa Ana	MSA	
Los Angeles-Long Beach-Glendale	Metropolitan Division	Los Angeles
Santa Ana-Anaheim-Irvine	Metropolitan Division	Orange
Oxnard-Thousand Oaks-Ventura	MSA	Ventura
Riverside-San Bernardino-Ontario	MSA	Riverside, San Bernardino
Sacramento--Arden-Arcade--Truckee	CSA	
Gardnerville Ranchos, NV	Micropolitan SA	*Douglas County, NV*
Sacramento--Arden-Arcade--Roseville	MSA	El Dorado, Placer, Sacramento, Yolo
Truckee-Grass Valley	Micropolitan SA	*Nevada*
San Jose-San Francisco-Oakland	CSA	
Napa	MSA	Napa
San Francisco-Oakland-Fremont	MSA	
Oakland-Fremont-Hayward	Metropolitan Division	Alameda, Contra Costa
San Francisco-San Mateo-Redwood City	Metropolitan Division	Marin, San Francisco, San Mateo
San Jose-Sunnyvale-Santa Clara	MSA	Santa Clara, San Benito
Santa Cruz-Watsonville	MSA	Santa Cruz
Santa Rosa-Petaluma	MSA	Sonoma
Vallejo-Fairfield	MSA	Solano
Bakersfield	MSA	Kern
Chico	MSA	Butte
El Centro	MSA	Imperial
Hanford-Corcoran	MSA	Kings
Merced	MSA	Merced
Modesto	MSA	Stanislaus
Redding	MSA	Shasta
Salinas	MSA	Monterey
San Diego-Carlsbad-San Marcos	MSA	San Diego
San Luis Obispo-Paso Robles	MSA	San Luis Obispo
Santa Barbara-Santa Maria-Goleta	MSA	Santa Barbara
Stockton	MSA	San Joaquin
Visalia-Porterville	MSA	Tulare
Yuba City	MSA	Sutter, Yuba
Bishop	Micropolitan SA	Inyo
Clearlake	Micropolitan SA	Lake
Crescent City	Micropolitan SA	Del Norte
Eureka-Arcata-Fortuna	Micropolitan SA	Humboldt
Phoenix Lake-Cedar Ridge	Micropolitan SA	Tuolumne
Red Bluff	Micropolitan SA	Tehama
Susanville	Micropolitan SA	Lassen
Ukiah	Micropolitan SA	Mendocino

* Based on data collected from the 2000 Census of Population and Housing.
CSA: Combined Statistical Area
MSA: Metropolitan Statistical Area
Micropolitan SA: Micropolitan Statistical Area

Source: Office of Management and Budget (OMB)

Del Norte
Siskiyou
Modoc
Trinity
Shasta
Lassen
Humboldt
Tehama
Plumas
Mendocino
Glenn
Butte
Sierra
Colusa
Yuba
Nevada
Placer
Lake
Sutter
Yolo
El Dorado
Sonoma
Napa
Alpine
Sacramento
Amador
Solano
Calaveras
Marin
Contra Costa
San Joaquin
Tuolumne
Mono
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Santa Cruz
Madera
San Benito
Fresno
Inyo
Tulare
Monterey
Kings
San Luis Obispo
Kern
San Bernardino
Santa Barbara
Ventura
Los Angeles
Orange
Riverside
San Diego
Imperial

ALPHABETICAL LISTING OF CALIFORNIA CITIES AND THEIR COUNTIES

CITY	COUNTY
Adelanto	San Bernardino
Agoura Hills	Los Angeles
Alameda	Alameda
Albany	Alameda
Alhambra	Los Angeles
Aliso Viejo	Orange
Alturas	Modoc
Amador	Amador
American Canyon	Napa
Anaheim	Orange
Anderson	Shasta
Angels Camp	Calaveras
Antioch	Contra Costa
Apple Valley	San Bernardino
Arcadia	Los Angeles
Arcata	Humboldt
Arroyo Grande	San Luis Obispo
Artesia	Los Angeles
Arvin	Kern
Atascadero	San Luis Obispo
Atherton	San Mateo
Atwater	Merced
Auburn	Placer
Avalon	Los Angeles
Avenal	Kings
Azusa	Los Angeles
Bakersfield	Kern
Baldwin Park	Los Angeles
Banning	Riverside
Barstow	San Bernardino
Beaumont	Riverside
Bell	Los Angeles
Bell Gardens	Los Angeles
Bellflower	Los Angeles
Belmont	San Mateo
Belvedere	Marin
Benicia	Solano
Berkeley	Alameda
Beverly Hills	Los Angeles
Big Bear Lake	San Bernardino
Biggs	Butte
Bishop	Inyo
Blue Lake	Humboldt
Blythe	Riverside
Bradbury	Los Angeles
Brawley	Imperial
Brea	Orange
Brentwood	Contra Costa
Brisbane	San Mateo
Buellton	Santa Barbara

CITY	COUNTY
Buena Park	Orange
Burbank	Los Angeles
Burlingame	San Mateo
Calabasas	Los Angeles
Calexico	Imperial
California City	Kern
Calimesa	Riverside
Calipatria	Imperial
Calistoga	Napa
Camarillo	Ventura
Campbell	Santa Clara
Canyon Lake	Riverside
Capitola	Santa Cruz
Carlsbad	San Diego
Carmel-By-The-Sea	Monterey
Carpinteria	Santa Barbara
Carson	Los Angeles
Cathedral City	Riverside
Ceres	Stanislaus
Cerritos	Los Angeles
Chico	Butte
Chino	San Bernardino
Chino Hills	San Bernardino
Chowchilla	Madera
Chula Vista	San Diego
Citrus Heights	Sacramento
Claremont	Los Angeles
Clayton	Contra Costa
Clearlake	Lake
Cloverdale	Sonoma
Clovis	Fresno
Coachella	Riverside
Coalinga	Fresno
Colfax	Placer
Colma	San Mateo
Colton	San Bernardino
Colusa	Colusa
Commerce	Los Angeles
Compton	Los Angeles
Concord	Contra Costa
Corcoran	Kings
Corning	Tehama
Corona	Riverside
Coronado	San Diego
Corte Madera	Marin
Costa Mesa	Orange
Cotati	Sonoma
Covina	Los Angeles
Crescent City	Del Norte
Cudahy	Los Angeles

ALPHABETICAL LISTING OF CALIFORNIA CITIES AND THEIR COUNTIES

CITY	COUNTY
Culver City	Los Angeles
Cupertino	Santa Clara
Cypress	Orange
Daly City	San Mateo
Dana Point	Orange
Danville	Contra Costa
Davis	Yolo
Del Mar	San Diego
Del Rey Oaks	Monterey
Delano	Kern
Desert Hot Springs	Riverside
Diamond Bar	Los Angeles
Dinuba	Tulare
Dixon	Solano
Dorris	Siskiyou
Dos Palos	Merced
Downey	Los Angeles
Duarte	Los Angeles
Dublin	Alameda
Dunsmuir	Siskiyou
East Palo Alto	San Mateo
El Cajon	San Diego
El Centro	Imperial
El Cerrito	Contra Costa
El Monte	Los Angeles
El Paso De Robles	San Luis Obispo
El Segundo	Los Angeles
Elk Grove	Sacramento
Emeryville	Alameda
Encinitas	San Diego
Escalon	San Joaquin
Escondido	San Diego
Etna	Siskiyou
Eureka	Humboldt
Exeter	Tulare
Fairfax	Marin
Fairfield	Solano
Farmersville	Tulare
Ferndale	Humboldt
Fillmore	Ventura
Firebaugh	Fresno
Folsom	Sacramento
Fontana	San Bernardino
Fort Bragg	Mendocino
Fort Jones	Siskiyou
Fortuna	Humboldt
Foster City	San Mateo
Fountain Valley	Orange

CITY	COUNTY
Fowler	Fresno
Fremont	Alameda
Fresno	Fresno
Fullerton	Orange
Galt	Sacramento
Garden Grove	Orange
Gardena	Los Angeles
Gilroy	Santa Clara
Glendale	Los Angeles
Glendora	Los Angeles
Goleta	Santa Barbara
Gonzales	Monterey
Grand Terrace	San Bernardino
Grass Valley	Nevada
Greenfield	Monterey
Gridley	Butte
Grover Beach	San Luis Obispo
Guadalupe	Santa Barbara
Gustine	Merced
Half Moon Bay	San Mateo
Hanford	Kings
Hawaiian Gardens	Los Angeles
Hawthorne	Los Angeles
Hayward	Alameda
Healdsburg	Sonoma
Hemet	Riverside
Hercules	Contra Costa
Hermosa Beach	Los Angeles
Hesperia	San Bernardino
Hidden Hills	Los Angeles
Highland	San Bernardino
Hillsborough	San Mateo
Hollister	San Benito
Holtville	Imperial
Hughson	Stanislaus
Huntington Beach	Orange
Huntington Park	Los Angeles
Huron	Fresno
Imperial	Imperial
Imperial Beach	San Diego
Indian Wells	Riverside
Indio	Riverside
Industry	Los Angeles
Inglewood	Los Angeles
Ione	Amador
Irvine	Orange
Irwindale	Los Angeles
Isleton	Sacramento

ALPHABETICAL LISTING OF CALIFORNIA CITIES AND THEIR COUNTIES

CITY	COUNTY
Jackson	Amador
Kerman	Fresno
King City	Monterey
Kingsburg	Fresno
La Canada Flintridge	Los Angeles
La Habra	Orange
La Habra Heights	Los Angeles
La Mesa	San Diego
La Mirada	Los Angeles
La Palma	Orange
La Puente	Los Angeles
La Quinta	Riverside
La Verne	Los Angeles
Lafayette	Contra Costa
Laguna Beach	Orange
Laguna Hills	Orange
Laguna Niguel	Orange
Laguna Woods	Orange
Lake Elsinore	Riverside
Lake Forest	Orange
Lakeport	Lake
Lakewood	Los Angeles
Lancaster	Los Angeles
Larkspur	Marin
Lathrop	San Joaquin
Lawndale	Los Angeles
Lemon Grove	San Diego
Lemoore	Kings
Lincoln	Placer
Lindsay	Tulare
Live Oak	Sutter
Livermore	Alameda
Livingston	Merced
Lodi	San Joaquin
Loma Linda	San Bernardino
Lomita	Los Angeles
Lompoc	Santa Barbara
Long Beach	Los Angeles
Loomis	Placer
Los Alamitos	Orange
Los Altos	Santa Clara
Los Altos Hills	Santa Clara
Los Angeles	Los Angeles
Los Banos	Merced
Los Gatos	Santa Clara
Loyalton	Sierra
Lynwood	Los Angeles

CITY	COUNTY
Madera	Madera
Malibu	Los Angeles
Mammoth Lakes	Mono
Manhattan Beach	Los Angeles
Manteca	San Joaquin
Maricopa	Kern
Marina	Monterey
Martinez	Contra Costa
Marysville	Yuba
Maywood	Los Angeles
Mcfarland	Kern
Mendota	Fresno
Menifee	Riverside
Menlo Park	San Mateo
Merced	Merced
Mill Valley	Marin
Millbrae	San Mateo
Milpitas	Santa Clara
Mission Viejo	Orange
Modesto	Stanislaus
Monrovia	Los Angeles
Montague	Siskiyou
Montclair	San Bernardino
Monte Sereno	Santa Clara
Montebello	Los Angeles
Monterey	Monterey
Monterey Park	Los Angeles
Moorpark	Ventura
Moraga	Contra Costa
Moreno Valley	Riverside
Morgan Hill	Santa Clara
Morro Bay	San Luis Obispo
Mount Shasta	Siskiyou
Mountain View	Santa Clara
Murrieta	Riverside
Napa	Napa
National City	San Diego
Needles	San Bernardino
Nevada City	Nevada
Newark	Alameda
Newman	Stanislaus
Newport Beach	Orange
Norco	Riverside
Norwalk	Los Angeles
Novato	Marin
Oakdale	Stanislaus
Oakland	Alameda

ALPHABETICAL LISTING OF CALIFORNIA CITIES AND THEIR COUNTIES

CITY	COUNTY
Oakley	Contra Costa
Oceanside	San Diego
Ojai	Ventura
Ontario	San Bernardino
Orange	Orange
Orange Cove	Fresno
Orinda	Contra Costa
Orland	Glenn
Oroville	Butte
Oxnard	Ventura
Pacific Grove	Monterey
Pacifica	San Mateo
Palm Desert	Riverside
Palm Springs	Riverside
Palmdale	Los Angeles
Palo Alto	Santa Clara
Palos Verdes Estates	Los Angeles
Paradise	Butte
Paramount	Los Angeles
Parlier	Fresno
Pasadena	Los Angeles
Patterson	Stanislaus
Perris	Riverside
Petaluma	Sonoma
Pico Rivera	Los Angeles
Piedmont	Alameda
Pinole	Contra Costa
Pismo Beach	San Luis Obispo
Pittsburg	Contra Costa
Placentia	Orange
Placerville	El Dorado
Pleasant Hill	Contra Costa
Pleasanton	Alameda
Plymouth	Amador
Point Arena	Mendocino
Pomona	Los Angeles
Port Hueneme	Ventura
Porterville	Tulare
Portola	Plumas
Portola Valley	San Mateo
Poway	San Diego
Rancho Cordova	Sacramento
Rancho Cucamonga	San Bernardino
Rancho Mirage	Riverside
Rancho Palos Verdes	Los Angeles
Rancho Santa Margarita	Orange
Red Bluff	Tehama
Redding	Shasta
Redlands	San Bernardino

CITY	COUNTY
Redondo Beach	Los Angeles
Redwood City	San Mateo
Reedley	Fresno
Rialto	San Bernardino
Richmond	Contra Costa
Ridgecrest	Kern
Rio Dell	Humboldt
Rio Vista	Solano
Ripon	San Joaquin
Riverbank	Stanislaus
Riverside	Riverside
Rocklin	Placer
Rohnert Park	Sonoma
Rolling Hills	Los Angeles
Rolling Hills Estates	Los Angeles
Rosemead	Los Angeles
Roseville	Placer
Ross	Marin
Sacramento	Sacramento
Salinas	Monterey
San Anselmo	Marin
San Bernardino	San Bernardino
San Bruno	San Mateo
San Buenaventura	Ventura
San Carlos	San Mateo
San Clemente	Orange
San Diego	San Diego
San Dimas	Los Angeles
San Fernando	Los Angeles
San Francisco	San Francisco
San Gabriel	Los Angeles
San Jacinto	Riverside
San Joaquin	Fresno
San Jose	Santa Clara
San Juan Bautista	San Benito
San Juan Capistrano	Orange
San Leandro	Alameda
San Luis Obispo	San Luis Obispo
San Marcos	San Diego
San Marino	Los Angeles
San Mateo	San Mateo
San Pablo	Contra Costa
San Rafael	Marin
San Ramon	Contra Costa
Sand City	Monterey
Sanger	Fresno
Santa Ana	Orange
Santa Barbara	Santa Barbara
Santa Clara	Santa Clara
Santa Clarita	Los Angeles

ALPHABETICAL LISTING OF CALIFORNIA CITIES AND THEIR COUNTIES

CITY	COUNTY
Santa Cruz	Santa Cruz
Santa Fe Springs	Los Angeles
Santa Maria	Santa Barbara
Santa Monica	Los Angeles
Santa Paula	Ventura
Santa Rosa	Sonoma
Santee	San Diego
Saratoga	Santa Clara
Sausalito	Marin
Scotts Valley	Santa Cruz
Seal Beach	Orange
Seaside	Monterey
Sebastopol	Sonoma
Selma	Fresno
Shafter	Kern
Shasta Lake	Shasta
Sierra Madre	Los Angeles
Signal Hill	Los Angeles
Simi Valley	Ventura
Solana Beach	San Diego
Soledad	Monterey
Solvang	Santa Barbara
Sonoma	Sonoma
Sonora	Tuolumne
South El Monte	Los Angeles
South Gate	Los Angeles
South Lake Tahoe	El Dorado
South Pasadena	Los Angeles
South San Francisco	San Mateo
St Helena	Napa
Stanton	Orange
Stockton	San Joaquin
Suisun City	Solano
Sunnyvale	Santa Clara
Susanville	Lassen
Sutter Creek	Amador
Taft	Kern
Tehachapi	Kern
Tehama	Tehama
Temecula	Riverside
Temple City	Los Angeles
Thousand Oaks	Ventura
Tiburon	Marin
Torrance	Los Angeles
Tracy	San Joaquin
Trinidad	Humboldt
Truckee	Nevada

CITY	COUNTY
Tulare	Tulare
Tulelake	Siskiyou
Turlock	Stanislaus
Tustin	Orange
Twentynine Palms	San Bernardino
Ukiah	Mendocino
Union City	Alameda
Upland	San Bernardino
Vacaville	Solano
Vallejo	Solano
Vernon	Los Angeles
Victorville	San Bernardino
Villa Park	Orange
Visalia	Tulare
Vista	San Diego
Walnut	Los Angeles
Walnut Creek	Contra Costa
Wasco	Kern
Waterford	Stanislaus
Watsonville	Santa Cruz
Weed	Siskiyou
West Covina	Los Angeles
West Hollywood	Los Angeles
West Sacramento	Yolo
Westlake Village	Los Angeles
Westminster	Orange
Westmorland	Imperial
Wheatland	Yuba
Whittier	Los Angeles
Wildomar	Riverside
Williams	Colusa
Willits	Mendocino
Willows	Glenn
Windsor	Sonoma
Winters	Yolo
Woodlake	Tulare
Woodland	Yolo
Woodside	San Mateo
Yorba Linda	Orange
Yountville	Napa
Yreka	Siskiyou
Yuba City	Sutter
Yucaipa	San Bernardino
Yucca Valley	San Bernardino

SECTION A
AREA, GEOGRAPHY, AND CLIMATE

This section summarizes State land and water areas, temperature, and precipitation. The basic sources are the Federal agencies responsible for surveying and mapping the United States and for recording its weather. Information on Federal and State parks and monuments is reported by various government agencies.

TABLE A-1

LAND AND WATER AREAS OF CALIFORNIA COUNTIES, 2000

County	Water area a/ Acres	Water area a/ Square miles	Land area a/ Acres	Land area a/ Square miles	Total area a/ Acres	Total area a/ Square miles
Total	4,951,170	7,736.2	99,813,950	155,959.3	104,765,120	163,695.5
Alameda	53,500	83.6	472,060	737.6	525,560	821.2
Alpine	2,940	4.6	472,700	738.6	475,640	743.2
Amador	7,490	11.7	379,520	593.0	387,010	604.7
Butte	24,060	37.6	1,049,280	1,639.5	1,073,340	1,677.1
Calaveras	10,750	16.8	652,800	1,020.0	663,550	1,036.8
Colusa	3,520	5.5	736,450	1,150.7	739,970	1,156.2
Contra Costa	52,610	82.2	460,740	719.9	513,350	802.1
Del Norte	142,020	221.9	644,990	1,007.8	787,010	1,229.7
El Dorado	49,410	77.2	1,094,910	1,710.8	1,144,320	1,788.0
Fresno	35,010	54.7	3,816,130	5,962.7	3,851,140	6,017.4
Glenn	7,940	12.4	841,470	1,314.8	849,410	1,327.2
Humboldt	307,010	479.7	2,286,400	3,572.5	2,593,410	4,052.2
Imperial	196,480	307.0	2,671,810	4,174.7	2,868,290	4,481.7
Inyo	15,300	23.9	6,529,980	10,203.1	6,545,280	10,227.0
Kern	13,120	20.5	5,210,240	8,141.0	5,223,360	8,161.5
Kings	320	0.5	890,240	1,391.0	890,560	1,391.5
Lake	45,760	71.5	805,120	1,258.0	850,880	1,329.5
Lassen	104,380	163.1	2,916,670	4,557.3	3,021,050	4,720.4
Los Angeles	442,560	691.5	2,598,980	4,060.9	3,041,540	4,752.4
Madera	11,200	17.5	1,366,980	2,135.9	1,378,180	2,153.4
Marin	197,380	308.4	332,670	519.8	530,050	828.2
Mariposa	7,490	11.7	928,700	1,451.1	936,190	1,462.8
Mendocino	236,290	369.2	2,245,760	3,509.0	2,482,050	3,878.2
Merced	27,650	43.2	1,234,370	1,928.7	1,262,020	1,971.9
Modoc	165,950	259.3	2,524,220	3,944.1	2,690,170	4,203.4
Mono	55,940	87.4	1,948,420	3,044.4	2,004,360	3,131.8
Monterey	287,420	449.1	2,126,080	3,322.0	2,413,500	3,771.1
Napa	22,080	34.5	482,370	753.7	504,450	788.2
Nevada	10,820	16.9	612,860	957.6	623,680	974.5
Orange	101,500	158.6	505,220	789.4	606,720	948.0
Placer	62,980	98.4	898,820	1,404.4	961,800	1,502.8
Plumas	38,270	59.8	1,634,370	2,553.7	1,672,640	2,613.5
Riverside	61,310	95.8	4,612,740	7,207.4	4,674,050	7,303.2
Sacramento	19,070	29.8	618,050	965.7	637,120	995.5
San Benito	1,090	1.7	889,020	1,389.1	890,110	1,390.8
San Bernardino	33,790	52.8	12,833,600	20,052.5	12,867,390	20,105.3
San Diego	208,380	325.6	2,687,940	4,199.9	2,896,320	4,525.5
San Francisco	118,530	185.2	29,890	46.7	148,420	231.9
San Joaquin	17,280	27.0	895,550	1,399.3	912,830	1,426.3
San Luis Obispo	199,170	311.2	2,114,750	3,304.3	2,313,920	3,615.5
San Mateo	186,820	291.9	287,420	449.1	474,240	741.0
Santa Barbara	673,340	1,052.1	1,751,680	2,737.0	2,425,020	3,789.1
Santa Clara	8,510	13.3	826,050	1,290.7	834,560	1,304.0
Santa Cruz	103,620	161.9	284,930	445.2	388,550	607.1
Shasta	39,810	62.2	2,422,530	3,785.2	2,462,340	3,847.4
Sierra	5,500	8.6	610,180	953.4	615,680	962.0
Siskiyou	38,850	60.7	4,023,550	6,286.8	4,062,400	6,347.5
Solano	49,600	77.5	530,690	829.2	580,290	906.7
Sonoma	123,070	192.3	1,008,580	1,575.9	1,131,650	1,768.2
Stanislaus	13,380	20.9	956,030	1,493.8	969,410	1,514.7
Sutter	3,840	6.0	385,600	602.5	389,440	608.5
Tehama	7,230	11.3	1,888,640	2,951.0	1,895,870	2,962.3
Trinity	18,500	28.9	2,034,300	3,178.6	2,052,800	3,207.5
Tulare	9,660	15.1	3,087,360	4,824.0	3,097,020	4,839.1
Tuolumne	24,900	38.9	1,430,660	2,235.4	1,455,560	2,274.3
Ventura	232,260	362.9	1,180,990	1,845.3	1,413,250	2,208.2
Yolo	6,140	9.6	648,510	1,013.3	654,650	1,022.9
Yuba	8,320	13.0	403,650	630.7	411,970	643.7

a/ Components for counties rounded to nearest 10 acres and tenths of square miles. Totals may not add due to independent rounding.

Source: Census 2000 TIGER files.

Department of Water Resources, Division of Planning & Local Assistance (916) 653-8023, http://wwwdwr.water.ca.gov/

TABLE A-2

NATIONAL PARKS AND OTHER
NATIONAL PARK SERVICE AREAS, CALIFORNIA

	Area, in acres			
	Total	Federal	Non-federal	Wilderness
National Parks:				
Channel Islands	249,561.0	79,018.6	170,542.4	--
Death Valley	3,372,402.0 b/	3,323,771.8	48,630.2	--
Joshua Tree	789,745.5	769,175.2	20,570.3	429,690.0
Kings Canyon	461,901.2	461,845.4	55.8	456,552.0
Lassen Volcanic	106,372.4	106,368.1	4.2	78,982.0
Redwood	112,512.1	77,726.7	34,785.4	--
Sequoia	404,051.2	403,875.6	175.5	280,428.0
Yosemite	761,266.2 a/	759,530.3	1,735.9	677,600.0
National Monuments:				
Cabrillo	159.9	159.9	--	--
Devils Postpile	798.5	798.5	--	750.0
Lava Beds	46,559.9	46,559.9	--	28,460.0
Muir Woods	553.6	523.0	30.6	--
Pinnacles	24,513.6	24,502.8	10.8	16,048.0
National Seashore:				
Point Reyes	71,067.8	65,090.0	5,977.8	25,370.0
National Preserve:				
Mojave	1,534,819.3	1,462,477.5	72,341.9	--
National Recreation Areas:				
Golden Gate	74,819.9	31,067.4	43,752.5	--
Santa Monica Mountains	154,094.8	22,891.8	131,203.0	--
Wiskeytown-Shasta-Trinity	42,503.5	42,459.3	44.2	--
National Historic Sites:				
Eugene O'Neill	13.2	13.2	--	--
Fort Point	29.0	29.0	--	--
John Muir	344.7	336.0	8.7	--
Manzanar	813.8	813.8	--	--
National Historic Parks:				
Rosie the Riveter/WW2 Home Front	145.2	--	145.2	--
San Francisco Maritime	49.9	28.2	21.7	--

a/ Does not include 1,397.99 acres comprising El Portal administrative site, adjacent to the park.
b/ Also in Nevada

Source: The National Parks: Index 2005-2007

National Park Service
http://www.nps.gov/

TABLE A-3

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS
AS OF JUNE 30, 2008

Name	County	Acres
TOTAL		1,565,940.68
ADMIRAL WILLIAM STANDLEY SRA	Mendocino	45.22
AHJUMAWI LAVA SPRINGS SP	Shasta	6,415.19
ANDERSON MARSH SHP	Lake	1,299.91
ANDREW MOLERA SP	Monterey	4,766.08
ANGEL ISLAND SP	Marin, San Francisco	755.71
ANNADEL SP	Sonoma	5,093.43
ANO NUEVO SP	San Mateo	2,896.00
ANO NUEVO SNR	San Mateo	1,318.94
ANTELOPE VALLEY CALIFORNIA POPPY RESERVE (SNR)	Los Angeles	1,781.23
ANTELOPE VALLEY INDIAN MUSEUM	Los Angeles	397.34
ANZA-BORREGO DESERT SP	Riverside, San Diego, Imperial	584,172.39
ARMSTRONG REDWOODS SNR	Sonoma	752.00
ARTHUR B. RIPLEY DESERT WOODLAND SP	Los Angeles	566.08
ASILOMAR SB	Monterey	106.97
AUBURN SRA	Placer, El Dorado	42,377.33
AUSTIN CREEK SRA	Sonoma	5,927.48
AZALEA SNR	Humboldt	30.35
BALE GRIST MILL SHP	Napa	0.75
BEAN HOLLOW SB	San Mateo	44.00
BENBOW LAKE SRA	Humboldt	1,142.47
BENICIA CAPITOL SHP	Solano	0.86
BENICIA SRA	Solano	446.71
BETHANY RESERVOIR SRA	Alameda	608.54
BIDWELL MANSION SHP	Butte	5.21
BIDWELL-SACRAMENTO RIVER SP	Butte, Glenn	348.69
BIG BASIN REDWOODS SP	Santa Cruz, San Mateo	18,050.35
BIG ROCK BEACH	Los Angeles	0.43
BODIE SHP	Mono	1,014.11
BOLSA CHICA SB	Orange	169.41
BORDER FIELD SP	San Diego	1,310.27
BOTHE-NAPA VALLEY SP	Napa, Sonoma	1,990.62
BRANNAN ISLAND SRA	Sacramento	328.61
BURLEIGH H MURRAY RANCH	San Mateo	1,325.45
BURTON CREEK SP	Placer	1,890.29
BUTANO SP	San Mateo	4,727.90
BUTTE CITY PROJECT	Glenn	37.00
CALAVERAS BIG TREES SP	Calaveras, Tuolumne	6,498.06
CALIFORNIA CITRUS SHP	Riverside	247.52
CANDLESTICK POINT SRA	San Francisco	204.88
CARDIFF SB	San Diego	507.12
CARLSBAD SB	San Diego	44.13
CARMEL RIVER SB	Monterey	296.69
CARNEGIE SVRA	San Joaquin, Alameda	5,074.78
CARPINTERIA SB	S Barbara, Ventura	62.29
CASPAR HEADLANDS SB	Mendocino	74.57
CASPAR HEADLANDS SNR	Mendocino	2.70
CASTAIC LAKE SRA	Los Angeles	4,223.62
CASTLE CRAGS SP	Shasta	3,904.66
CASTLE ROCK SP	Santa Cruz, Santa Clara, San Mateo	5,242.22
CASTRO ADOBE (Rancho San Andreas)	Santa Cruz	1.00
CASWELL MEMORIAL SP	San Joaquin	258.13
CAYUCOS SB	San Luis Obispo	15.63
CHINA CAMP SP	Marin	1,514.30
CHINO HILLS SP	Orange, Riverside, San Bernardino	14,173.41
CHUMASH PAINTED CAVE SHP	Santa Barbara	7.50
CLAY PIT SVRA	Butte	220.14
CLEAR LAKE SP	Lake	590.00
COLONEL ALLENSWORTH SHP	Tulare	3,715.19
COLUMBIA SHP	Tuolumne	272.59
COLUSA-SACRAMENTO RIVER SRA	Colusa	301.50
CORONA DEL MAR SB	Orange	29.57
CRYSTAL COVE SP	Orange	3,936.46
CUYAMACA RANCHO SP	San Diego	24,693.21
D. L BLISS SP	El Dorado	2,148.93
DEL NORTE COAST REDWOODS SP	Del Norte	31,261.12
DELTA MEADOWS	Sacramento	471.72
DESERT CAHUILLA/FREEMAN (FIN.)	Imperial	3,999.96
DOCKWEILER SB	Los Angeles	91.40
DOHENY SB	Orange	254.34
DONNER MEMORIAL SP	Nevada, Placer	3,292.52
DRUM BARRACKS	Los Angeles	0.43
EASTSHORE SP	Alameda, Contra Costa	442.23
ED Z'BERG SUGAR PINE POINT SP	El Dorado	2,324.46
EL CAPITAN SB	Santa Barbara	2,633.98
EL PRESIDIO DE SANTA BARBARA SHP	Santa Barbara	5.51
EMERALD BAY SP	El Dorado	1,532.71
EMMA WOOD SB	Ventura	111.91
EMPIRE MINE SHP	Nevada	852.98
ESTERO BLUFFS SP	San Luis Obispo	353.30
FOLSOM LAKE SRA	Placer, El Dorado, Sacramento	19,561.21
FOLSOM POWERHOUSE SHP	Sacramento	35.00
FOREST OF NISENE MARKS SP, THE	Santa Cruz	10,222.70
FORT HUMBOLDT SHP	Humboldt	17.99
FORT ROSS SHP	Sonoma	3,393.06
FORT TEJON SHP	Kern	647.38
FRANK'S TRACT SRA	Contra Costa	3,523.01
FREMONT PEAK SP	Monterey, San Benito	161.75
GARRAPATA SP	Monterey	2,939.56
GAVIOTA SP	Santa Barbara	2,743.87
GEORGE J. HATFIELD SRA	Merced	46.50
GOVERNOR'S MANSION SHP	Sacramento	0.78
GRAY WHALE COVE SB	San Mateo	3.10
GREAT VALLEY GRASSLANDS SP	Merced	2,826.00
GREENWOOD SB	Mendocino	47.22

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS
AS OF JUNE 30, 2008

Name	County	Acres
GRIZZLY CREEK REDWOODS SP	Humboldt	429.95
GROVER HOT SPRINGS SP	Alpine	553.42
HALF MOON BAY SB	San Mateo	180.93
HARMONY HEADLANDS SO	San Luis Obispo	748.30
HARRY A. MERLO SRA	Humboldt	955.00
HATTON CANYON PROPERTY	Monterey	130.00
HEARST SAN SIMEON SHM	San Luis Obispo	208.57
HEARST SAN SIMEON SP	San Luis Obispo	2,308.69
HEBER DUNES SVRA	Imperial	341.50
HEILBRON MANSION	Sacramento	0.48
HENDY WOODS SP	Mendocino	816.26
HENRY COWELL REDWOODS SP	Santa Cruz	4,623.06
HENRY W. COE SP	Santa Clara, Stanislaus	89,264.16
HOLLISTER HILLS SVRA	San Benito	6,623.75
HUMBOLDT LAGOONS SP	Humboldt	2,217.13
HUMBOLDT REDWOODS SP	Humboldt,Ventura	51,590.13
HUNGRY VALLEY SVRA	LA, Ventura	18,401.20
HUNTINGTON SB	Orange	121.13
INDIAN GRINDING ROCK SHP	Amador	135.43
INDIO HILLS PALMS	Riverside	5,644.14
JACK LONDON SHP	Sonoma	1,610.74
JEDEDIAH SMITH REDWOODS SP	Del Norte	10,447.38
JOHN B. DEWITT REDWOODS SNR	Humboldt	1,164.30
JOHN LITTLE SNR	Monterey	20.68
JOHN MARSH HOME	Contra Costa	3,663.45
JUG HANDLE SNR	Mendocino	775.81
JULIA PFEIFFER BURNS SP	Monterey	3,762.16
KENNETH HAHN SRA	Los Angeles	400.58
KINGS BEACH SRA	Placer	7.74
KRUSE RHODODENDRON SNR	Sonoma	317.00
LA PURISIMA MISSION SHP	Santa Barbara	1,934.31
LAKE DEL VALLE SRA	Alameda	3,731.86
LAKE OROVILLE SRA	Butte	29,446.87
LAKE PERRIS SRA	Riverside	6,675.13
LAKE VALLEY SRA	El Dorado	155.39
LAS TUNAS SB	Los Angeles	0.16
LELAND STANFORD MANSION SHP	Sacramento	0.88
LEO CARRILLO SP	LA, Ventura	2,515.91
LEUCADIA SB	San Diego	10.60
LIGHTHOUSE FIELD SB	Santa Cruz	37.60
LIMEKILN STATE PARK	Monterey	711.15
LITTLE RIVER SB	Humboldt	110.65
LOS ANGELES SHP (Cornifields Ppty.)	Los Angeles	32.00
LOS ENCINOS SHP	Los Angeles	4.73
LOS OSOS OAKS SNR	San Luis Obispo	85.10
MACKERRICHER SP	Mendocino	2,519.17
MAILLIARD REDWOODS SR	Mendocino	242.00
MALAKOFF DIGGINS SHP	Nevada	3,142.88
MALIBU CREEK SP	Los Angeles	8,017.31
MALIBU LAGOON SB	Los Angeles	109.83
MANCHESTER SP	Mendocino	5,271.97
MANDALAY SB	Ventura	92.12
MANHATTAN SB	Los Angeles	5.37
MANRESA SB	Santa Cruz	137.87
MARCONI CONFERENCE CENTER SHP	Marin	62.40
MARINA SB	Monterey	170.71
MARSHALL GOLD DISCOVERY SHP	El Dorado	575.75
MARTIAL COTTLE PARK	Santa Clara	136.53
MCARTHUR-BURNEY FALLS MEMORIAL SP	Shasta	910.00
MCCONNELL SRA	Merced	74.26
MCGRATH SB	Ventura	314.45
MENDOCINO HEADLANDS SP	Mendocino	7,709.48
MENDOCINO WOODLANDS SP	Mendocino	720.00
MILLERTON LAKE SRA	Fresno, Madera	6,857.48
MONO LAKE TUFA SNR	Mono	55,300.00
MONTANA DE ORO SP	San Luis Obispo	8,356.67
MONTARA SB	San Mateo	780.27
MONTERY DISTRICT H.Q.	Monterey	5.81
MONTEREY SB	Monterey	104.79
MONTEREY SHP	Monterey	9.58
MONTGOMERY WOODS SNR	Mendocino	2,742.80
MOONLIGHT SB	San Diego	12.73
MORRO BAY SP	San Luis Obispo	2,678.88
MORRO STRAND SB	San Luis Obispo	183.01
MOSS LANDING SB	Monterey	60.35
MOUNT DIABLO SP	Contra Costa	20,123.61
MOUNT SAN JACINTO SP	Riverside	13,717.95
MOUNT TAMALPAIS SP	Marin	6,243.00
NATURAL BRIDGES SB	Santa Cruz	58.89
NAVARRO RIVER REDWOODS SP	Mendocino	726.52
NEW BRIGHTON SB	Santa Cruz	157.39
OCEANO DUNES SVRA	San Luis Obispo	2,685.14
OCOTILLO WELLS SVRA	San Diego, Imperial	50,567.62
OLD SACRAMENTO SHP	Sacramento	293.41
OLD TOWN SAN DIEGO SHP	San Diego	29.08
OLOMPALI SHP	Marin	700.00
PACHECO SP	Merced/S Clara	6,893.85
PACIFICA SB	San Mateo	20.73
PALOMAR MOUNTAIN SP	San Diego	1,908.54
PAN PACIFIC PARK	Los Angeles	28.26
PATRICK'S POINT SP	Humboldt	652.24
PELICAN SB	Del Norte	5.15
PESCADERO SB	San Mateo	699.75
PETALUMA ADOBE SHP	Sonoma	41.16
PFEIFFER BIG SUR SP	Monterey	1,390.94
PICACHO SRA	Imperial	6,758.60
PIGEON POINT LIGHT STATION	San Mateo	75.54
PIO PICO SHP	Los Angeles	5.47
PISMO SB	San Luis Obispo	1,412.07
PLACERITA CANYON SP	Los Angeles	341.72
PLUMAS-EUREKA SP	Plumas	4,424.30
POINT CABRILLO LIGHT STN PPTY	Mendocino	383.43
POINT DUME SB	Los Angeles	36.31
POINT LOBOS RANCH PROPERTY	Monterey	1,328.84
POINT LOBOS SNR	Monterey	2,312.07

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS
AS OF JUNE 30, 2008

Name	County	Acres
POINT MONTARA LIGHT STATION	San Mateo	6.00
POINT MUGU SP	Ventura	13,946.61
POINT SAL SB	Santa Barbara	84.03
POINT SUR SHP	Monterey	92.18
POMPONIO SB	San Mateo	420.64
PORTOLA REDWOODS SP	San Mateo	2,607.82
PRAIRIE CITY SVRA	Sacramento	2,785.79
PRAIRIE CREEK REDWOODS SP	Humboldt, Del Norte	14,187.36
PROVIDENCE MOUNTAINS SRA	San Bernardino	5,890.46
RAILTOWN 1897 SHP	Tuolumne	24.19
RED ROCK CANYON SP	Kern	25,324.65
REFUGIO SB	Santa Barbara,	905.08
REYNOLDS WC	Mendocino	65.80
RICHARDSON GROVE SP	Humboldt	1,771.74
RIO DE LOS ANGELES SHP (Taylor Yd.)	Los Angeles	58.22
ROBERT H. MEYER MEMORIAL SB	Los Angeles	37.04
ROBERT LOUIS STEVENSON SP	Lake, Napa, Sonoma	6,026.20
ROBERT W. CROWN MEMORIAL SB	Alameda	132.22
RUSSIAN GULCH SP	Mendocino	1,304.66
SADDLEBACK BUTTE SP	Los Angeles	2,953.99
SALINAS RIVER SB	Monterey, Santa Cruz	281.84
SALT POINT SP	Sonoma	5,684.93
SALTON SEA SRA	Riverside, Imperial	16,900.92
SAMUEL P. TAYLOR SP	Marin	2,707.21
SAN BRUNO MOUNTAIN SP	San Mateo	297.60
SAN BUENAVENTURA SB	Ventura	110.08
SAN CLEMENTE SB	Orange	117.32
SAN DIEGO COAST DISTRICT	San Diego	0.31
SAN ELIJO SB	San Diego	587.62
SAN GREGORIO SB	San Mateo	438.53
SAN JUAN BAUTISTA SHP	San Benito	6.12
SAN LUIS RESERVOIR SRA	Merced	26,035.68
SAN MATEO COUNTY TRAILS	San Mateo	2.31
SAN ONOFRE SB	San Diego	2,106.65
SAN PASQUAL BATTLEFIELD SHP	San Diego	69.17
SAN TIMOTEO CANYON SP	Riverside	1,147.50
SANTA CRUZ MISSION SHP	Santa Cruz	1.94
SANTA MONICA SB	Los Angeles	48.48
SANTA SUSANA PASS SHP	Los Angeles	670.68
SCHOONER GULCH SB	Mendocino	53.62
SEACLIFF SB	Santa Cruz	86.69
SECCOMBE LAKE SURA	San Bernardino	0.57
SHASTA SHP	Shasta	24.61
SILVER STRAND SB	San Diego	3,748.72
SILVERWOOD LAKE SRA	San Bernardino	2,201.00
SINKYONE WILDERNESS SP	Humboldt, Mendocino	7,937.29
SMITHE REDWOODS SR	Mendocino	689.01
SONOMA COAST SB	Sonoma	10,018.03
SONOMA SHP	Sonoma	63.57
SOUTH CARLSBAD SB	San Diego	118.40
SOUTH YUBA RIVER	Nevada	8,720.37
STANDISH-HICKEY SRA	Mendocino	1,020.83
STATE INDIAN MUSEUM (SHP)	Sacramento	a/
STILLWATER COVE	Sonoma	36.27
STONE LAKE	Sacramento	1,089.55
SUGARLOAF RIDGE SP	Sonoma, Napa	3,783.20
SUNSET SB	Santa Cruz	302.11
SUTTER BUTTES	Sutter	1,784.50
SUTTER'S FORT SHP	Sacramento	5.80
TAHOE SRA	Placer	61.71
THORNTON SB	San Mateo	58.00
TOLOWA DUNES SP	Del Norte	4,398.82
TOMALES BAY SP	Marin	2,442.57
TOMO KAHNI/TEHACHAPI ARCHEOLOGICAL SITE	Kern	560.00
TOPANGA SP	Los Angeles	12,665.77
TORREY PINES SB	San Diego	61.36
TORREY PINES SNR	San Diego	1,461.41
TRINIDAD SB	Humboldt	158.70
TULE ELK SNR	Kern	983.60
TURLOCK LAKE SRA	Stanislaus	3,558.80
TWIN LAKES SB	Santa Cruz	95.36
VAN DAMME SP	Mendocino	2,337.22
VERDUGO MOUNTAINS	Los Angeles	251.41
WARD CREEK	Placer	173.00
WASHOE MEADOWS SP	El Dorado	627.73
WASSAMA ROUND HOUSE SHP	Madera	26.61
WATTS TOWERS OF SIMON RODIA SHP	Los Angeles	0.11
WEAVERVILLE JOSS HOUSE SHP	Trinity	2.79
WESTPORT-UNION LANDING SB	Mendocino	57.82
WILDER RANCH SP	Santa Cruz	8,341.81
WILDWOOD CANYON	San Bernardino,	855.95
WILL ROGERS SB	Los Angeles	82.14
WILL ROGERS SHP	Los Angeles	189.12
WILLIAM B. IDE ADOBE SHP	Tehama	3.93
WOODLAND OPERA HOUSE SHP	Yolo	0.26
WOODSON BRIDGE SRA	Tehama	323.47
ZMUDOWSKI SB	Monterey, Santa Cruz	194.22

a/ Included in Sutter's Fort

PPTY: Property
SB: State Beach
SP: State Park
SR: State Reserve
SHM: State Historic Monument
SHP: State Historic Park
SRA: State Recreation Area
STN: Station
SURA: State Urban Recreation Area
SVRA: State Vehicular Recreation Area
WC: Wayside Campground

Department of Parks and Recreation
Acquisition and Real Property Services Division
(916) 327-7297

TABLE A-4

CLIMATOLOGICAL DATA FOR REPRESENTATIVE STATIONS IN CALIFORNIA, 2007

Station	Latitude	Longitude	Feet above mean sea level	Annual precipitation (in inches) Normal a/	Annual precipitation (in inches) 2007	Freeze data: date of Last spring freeze b/	Freeze data: date of First fall freeze b/	Frost free period (days)
Alturas	41o 30'	120o 33'	4,400	12.13	9.82	1-Jul	17-Aug	48
Bakersfield AP c/	35o 26'	119o 03'	489	6.49	2.98	1-Mar	13-Dec	288
Bishop AP c/	37o 22'	118o 22'	4,108	5.02	1.86	21-Apr	21-Oct	183
Blue Canyon	39o 17'	120o 43'	5,280	66.36	49.00	5-May	4-Oct	152
Eureka WFO d/	40o 49'	124o 10'	20	38.10	36.47	18-Jan	9-Dec	325
Fresno Yosemite Intl.	36o 47'	119o 43'	333	11.23	7.03	24-Jan	1-Dec	311
Imperial	32o 51'	115o 34'	(64)	3.02	2.01	17-Jan	26-Dec	343
Los Angeles Downtown	34o 02'	118o 18'	185	15.14	5.66	--	--	--
Redding Municipal AP c/	40o 31'	122o 18'	491	33.52	21.75	1-Mar	26-Nov	
Sacramento AP c/	38o 30'	121o 30'	15	17.93	11.73	25-Jan	30-Nov	309
San Diego WSO AP c/	32o 44'	117o 10'	13	10.77	4.37	--	--	--
San Francisco Downtown	37o 46'	122o 26'	175	22.28	14.14	--	--	--
Paso Robles	35o 37'	120o 41'	700	14.71	7.76	2-Mar	22-Nov	265
Susanville 2SW	40o 25'	120o 40'	4,184	13.44	2.65*	7-Jun	24-Sep	109

a/ Based on 30-year period, 1971-2000, inclusive. b/ Refers to minimum temperature reading of 28o F, or less, for day specified.
c/ Weather Service Office, Airport. d/ Weather Forecast Office. n.a. Not available *Missing data impacting value
Source: U.S. Department of Commerce, National Environmental Satellite Data and Information Service, Climatological Data, California, Volume 109, Nos. 1-12, 2007; U.S. Department of Commerce, Environmental Data and Information Service Climatography of the United States, No. 81, California, December 2001.

TABLE A-5

AVERAGE MAXIMUM, MINIMUM, AND ANNUAL TEMPERATURES,
REPRESENTATIVE STATIONS IN CALIFORNIA, 2007
(In degrees Fahrenheit)

	Normal a/					2007				
	January		July			January		July		
Station	Maximum	Minimum	Maximum	Minimum	Annual	Maximum	Minimum	Maximum	Minimum	Annual
Alturas	43.2	18.1	88.1	43.8	46.9	43.6*	7.3*	93.0*	40.2*	35.7*
Bakersfield AP b/	56.3	39.3	96.9	69.2	65.0	56.1	32.6	96.6	70.4	65.3
Bishop AP b/	53.6	22.4	97.9	55.7	56.2	54.3	19.0	101.2	58.3	57.1
Blue Canyon	44.7	32.9	76.9	58.3	50.7	47.1	32.9	78.1	64.2	52.7
Eureka WFO c/	55.0	40.8	63.3	52.8	52.9	50.1	35.7	67.0	55.7	52.3
Fresno Yosemite Intl.	53.6	38.4	96.6	66.1	63.2	55.7	31.8	98.6	67.8	64.6
Imperial	69.0	41.4	65.3	75.2	72.2	66.9	39.4	107.1	79.1	74.0
Los Angeles Downtown	68.1	48.5	83.8	64.6	66.2	68.3	46.8	83.3	65.2	65.6
Redding Municipal AP b/	55.4	35.5	98.5	64.1	61.6	59.0	31.7	98.8	64.8	62.7
Sacramento AP b/	53.8	38.8	92.4	58.3	63.1	57.3	30.3	91.5	59.0	61.0
San Diego WSO AP b/	65.8	49.7	75.8	65.9	64.4	62.3	45.8	74.0	65.7	62.9
San Francisco Downtown	58.1	46.4	68.2	54.4	58.3	56.6	43.4	67.7	55.2	57.3
Paso Robles	61.4	33.1	91.3	51.8	59.1	61.0	25.4	92.9	54.8	59.6
Susanville 2SW	40.8	20.8	88.4	49.8	49.1	40.0	16.1	89.7	53.7	51.8*

a/ Based on 30-year period, 1971-2000, inclusive. b/ Weather Service Office, Airport
c/ Weather Forecast Office. n.a. Not available

Source: U.S. Department of Commerce, Climatography of the United States, No. 81, California, December 2001.
U.S. Department of Commerce, Climatological Data, California, Volume 109, Nos. 1-13, 2007.

Source agency for Tables A-4 and A-5:
Department of Water Resources
Division of Flood Management
(916) 574-2830
http://wwwdwr.water.ca.gov

SECTION B
POPULATION

The tables in this section summarize available data on the population of the State of California, its counties and cities. Comparisons of California's population with the totals for the Nation are also shown.

All figures on the total population of California for 1940 through 1969 are from publications of the United States Bureau of the Census. All estimates of the civilian population and estimates of the total population for the state and counties after 1969 were prepared by the Department of Finance and are based on the analysis of components of population change. Data used in the preparation of these estimates have been obtained from the Vital Statistics Section, Department of Health; Department of Education; the Immigration and Naturalization Service; United States Department of Defense; the Department of Motor Vehicles; and the United States Bureau of the Census.

In addition to the preceding data sources, the estimates for cities also use information supplied by the cities in California and their respective utility companies.

Also included in this section are selected data on population by race and age from the US Bureau of the Census and the California Department of Finance.

TABLE B-1

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 2007

	United States a/			California			California
	Total b/	Annual change		Total b/	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,457,000	--	--	6,950,000	--	--	5.2
1941	133,669,000	1,212,000	0.9	7,237,000	287,000	4.1	5.4
1942	134,617,000	948,000	0.7	7,735,000	498,000	6.9	5.7
1943	135,107,000	490,000	0.4	8,506,000	771,000	10.0	6.3
1944	133,915,000	(1,192,000)	-0.9	8,945,000	439,000	5.2	6.7
1945	133,434,000	(481,000)	-0.4	9,344,000	399,000	4.5	7.0
1946	140,686,000	7,252,000	5.4	9,559,000	215,000	2.3	6.8
1947	144,083,000	3,397,000	2.4	9,832,000	273,000	2.9	6.8
1948	146,730,000	2,647,000	1.8	10,064,000	232,000	2.4	6.9
1949	149,304,000	2,574,000	1.8	10,337,000	273,000	2.7	6.9
1950	151,868,000	2,564,000	1.7	10,643,000	306,000	3.0	7.0
1951	153,982,000	2,114,000	1.4	11,130,000	487,000	4.6	7.2
1952	156,393,000	2,411,000	1.6	11,638,000	508,000	4.6	7.4
1953	158,956,000	2,563,000	1.6	12,101,000	463,000	4.0	7.6
1954	161,884,000	2,928,000	1.8	12,517,000	416,000	3.4	7.7
1955	165,069,000	3,185,000	2.0	13,004,000	487,000	3.9	7.9
1956	168,088,000	3,019,000	1.8	13,581,000	577,000	4.4	8.1
1957	171,187,000	3,099,000	1.8	14,177,000	596,000	4.4	8.3
1958	174,149,000	2,962,000	1.7	14,741,000	564,000	4.0	8.5
1959	177,135,000	2,986,000	1.7	15,288,000	547,000	3.7	8.6
1960	179,979,000	2,844,000	1.6	15,863,000	575,000	3.8	8.8
1961	182,992,000	3,013,000	1.7	16,412,000	549,000	3.5	9.0
1962	185,771,000	2,779,000	1.5	16,951,000	539,000	3.3	9.1
1963	188,483,000	2,712,000	1.5	17,530,000	579,000	3.4	9.3
1964	191,141,000	2,658,000	1.4	18,026,000	496,000	2.8	9.4
1965	193,526,000	2,385,000	1.2	18,464,000	438,000	2.4	9.5
1966	195,576,000	2,050,000	1.1	18,831,000	367,000	2.0	9.6
1967	197,457,000	1,881,000	1.0	19,175,000	344,000	1.8	9.7
1968	199,399,000	1,942,000	1.0	19,432,000	257,000	1.3	9.7
1969	201,385,000	1,986,000	1.0	19,745,000	313,000	1.6	9.8
1970	203,984,000	2,599,000	1.3	20,039,000	294,000	1.5	9.8
1971	206,827,000	2,843,000	1.4	20,346,000	307,000	1.5	9.8
1972	209,284,000	2,457,000	1.2	20,585,000	239,000	1.2	9.8
1973	211,357,000	2,073,000	1.0	20,869,000	284,000	1.4	9.9
1974	213,342,000	1,985,000	0.9	21,174,000	305,000	1.5	9.9
1975	215,465,000	2,123,000	1.0	21,538,000	364,000	1.7	10.0
1976	217,563,000	2,098,000	1.0	21,936,000	398,000	1.8	10.1
1977	219,760,000	2,197,000	1.0	22,352,000	416,000	1.9	10.2
1978	222,095,000	2,335,000	1.1	22,836,000	484,000	2.2	10.3
1979	224,567,000	2,472,000	1.1	23,257,000	421,000	1.8	10.4
1980	227,225,000	2,658,000	1.2	23,782,000	525,000	2.3	10.5
1981	229,466,000	2,241,000	1.0	24,278,000	496,000	2.1	10.6
1982	231,664,000	2,198,000	1.0	24,805,000	527,000	2.2	10.7
1983	233,792,000	2,128,000	0.9	25,337,000	532,000	2.1	10.8
1984	235,825,000	2,033,000	0.9	25,816,000	479,000	1.9	10.9
1985	237,924,000	2,099,000	0.9	26,403,000	587,000	2.3	11.1
1986	240,133,000	2,209,000	0.9	27,052,000	649,000	2.5	11.3
1987	242,289,000	2,156,000	0.9	27,717,000	665,000	2.5	11.4
1988	244,499,000	2,210,000	0.9	28,393,000	676,000	2.4	11.6
1989	246,819,000	2,320,000	0.9	29,142,000	749,000	2.6	11.8
1990	249,623,000	2,804,000	1.1	29,828,000	686,000	2.4	11.9
1991	252,981,000	3,358,000	1.3	30,459,000	631,000	2.1	12.0
1992	256,514,000	3,533,000	1.4	30,987,000	528,000	1.7	12.1
1993	259,919,000	3,405,000	1.3	31,314,000	327,000	1.1	12.0
1994	263,126,000	3,207,000	1.2	31,524,000	210,000	0.7	12.0
1995	266,278,000	3,152,000	1.2	31,712,000	188,000	0.6	11.9
1996	269,394,000	3,116,000	1.2	31,963,000	251,000	0.8	11.9
1997	272,647,000	3,253,000	1.2	32,453,000	490,000	1.5	11.9
1998	275,854,000	3,207,000	1.2	32,863,000	410,000	1.3	11.9
1999	279,040,000	3,186,000	1.2	33,419,000	556,000	1.7	12.0
2000	282,194,000	3,154,000	1.1	34,095,000	676,000	2.0	12.1
2001	285,112,000	2,918,000	1.0	34,767,000	672,000	2.0	12.2
2002	287,888,000	2,776,000	1.0	35,361,000	594,000	1.7	12.3
2003	290,448,000	2,560,000	0.9	35,944,000	583,000	1.6	12.4
2004	293,192,000	2,744,000	0.9	36,454,000	510,000	1.4	12.4
2005	295,896,000	2,704,000	0.9	36,896,000	442,000	1.2	12.5
2006	298,755,000	2,859,000	1.0	37,333,000	437,000	1.2	12.5
2007	301,621,000	2,866,000	1.0	37,786,000	453,000	1.2	12.5

TABLE B-1 (Continued)

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 2007

	United States a/			California			California
	Civilian	Annual change		Civilian	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,129,000	--	--	6,899,000	--	--	5.2
1941	132,086,000	(43,000)	0.0	7,049,000	150,000	2.2	5.3
1942	131,444,000	(642,000)	-0.5	7,297,000	248,000	3.5	5.6
1943	128,010,000	(3,434,000)	-2.6	7,570,000	273,000	3.7	5.9
1944	127,227,000	(783,000)	-0.6	8,083,000	513,000	6.8	6.4
1945	128,112,000	885,000	0.7	8,523,000	440,000	5.4	6.7
1946	138,932,000	10,820,000	8.4	9,298,000	775,000	9.1	6.7
1947	143,138,000	4,206,000	3.0	9,672,000	374,000	4.0	6.8
1948	145,746,000	2,608,000	1.8	9,895,000	223,000	2.3	6.8
1949	148,157,000	2,411,000	1.7	10,161,000	266,000	2.7	6.9
1950	150,790,000	2,633,000	1.8	10,472,000	311,000	3.1	6.9
1951	151,599,000	809,000	0.5	10,754,000	282,000	2.7	7.1
1952	153,892,000	2,293,000	1.5	11,194,000	440,000	4.1	7.3
1953	156,595,000	2,703,000	1.8	11,681,000	487,000	4.4	7.5
1954	159,695,000	3,100,000	2.0	12,177,000	496,000	4.2	7.6
1955	162,967,000	3,272,000	2.0	12,668,000	491,000	4.0	7.8
1956	166,055,000	3,088,000	1.9	13,247,000	579,000	4.6	8.0
1957	169,110,000	3,055,000	1.8	13,848,000	601,000	4.5	8.2
1958	172,226,000	3,116,000	1.8	14,410,000	562,000	4.1	8.4
1959	175,277,000	3,051,000	1.8	14,964,000	554,000	3.8	8.5
1960	178,140,000	2,863,000	1.6	15,550,000	586,000	3.9	8.7
1961	181,143,000	3,003,000	1.7	16,108,000	558,000	3.6	8.9
1962	183,677,000	2,534,000	1.4	16,634,000	526,000	3.3	9.1
1963	186,493,000	2,816,000	1.5	17,197,000	563,000	3.4	9.2
1964	189,141,000	2,648,000	1.4	17,706,000	509,000	3.0	9.4
1965	191,605,000	2,464,000	1.3	18,143,000	437,000	2.5	9.5
1966	193,420,000	1,815,000	0.9	18,459,000	316,000	1.7	9.5
1967	195,264,000	1,844,000	1.0	18,796,000	337,000	1.8	9.6
1968	197,113,000	1,849,000	0.9	19,046,000	250,000	1.3	9.7
1969	199,145,000	2,032,000	1.0	19,354,000	308,000	1.6	9.7
1970	201,895,000	2,750,000	1.4	19,663,000	309,000	1.6	9.7
1971	204,866,000	2,971,000	1.5	20,002,000	339,000	1.7	9.8
1972	207,511,000	2,645,000	1.3	20,264,000	262,000	1.3	9.8
1973	209,600,000	2,089,000	1.0	20,558,000	294,000	1.5	9.8
1974	211,636,000	2,036,000	1.0	20,874,000	316,000	1.5	9.9
1975	213,788,000	2,152,000	1.0	21,249,000	375,000	1.8	9.9
1976	215,894,000	2,106,000	1.0	21,653,000	404,000	1.9	10.0
1977	218,106,000	2,212,000	1.0	22,075,000	422,000	1.9	10.1
1978	220,467,000	2,361,000	1.1	22,566,000	491,000	2.2	10.2
1979	222,969,000	2,502,000	1.1	22,991,000	425,000	1.9	10.3
1980	225,621,000	2,652,000	1.2	23,511,000	520,000	2.3	10.4
1981	227,818,000	2,197,000	1.0	24,006,000	495,000	2.1	10.5
1982	229,995,000	2,177,000	1.0	24,523,000	517,000	2.2	10.7
1983	232,097,000	2,102,000	0.9	25,058,000	535,000	2.2	10.8
1984	234,110,000	2,013,000	0.9	25,530,000	472,000	1.9	10.9
1985	236,219,000	2,109,000	0.9	26,114,000	584,000	2.3	11.1
1986	238,412,000	2,193,000	0.9	26,763,000	649,000	2.5	11.2
1987	240,550,000	2,138,000	0.9	27,427,000	664,000	2.5	11.4
1988	242,817,000	2,267,000	0.9	28,115,000	688,000	2.5	11.6
1989	245,131,000	2,314,000	1.0	28,861,000	746,000	2.7	11.8
1990	247,983,000	2,852,000	1.2	29,558,000	697,000	2.4	11.9
1991	251,370,000	3,387,000	1.4	30,199,000	641,000	2.2	12.0
1992	254,929,000	3,559,000	1.4	30,732,000	533,000	1.8	12.1
1993	258,446,000	3,517,000	1.4	31,081,000	349,000	1.1	12.0
1994	261,714,000	3,268,000	1.3	31,320,000	239,000	0.8	12.0
1995	264,927,000	3,213,000	1.2	31,522,000	202,000	0.6	11.9
1996	268,108,000	3,181,000	1.2	31,795,000	273,000	0.9	11.9
1997	271,394,000	3,286,000	1.2	32,307,000	512,000	1.6	11.9
1998	274,633,000	3,239,000	1.2	32,723,000	416,000	1.3	11.9
1999	277,841,000	3,208,000	1.2	33,281,000	558,000	1.7	12.0
2000	280,950,000	3,109,000	1.1	33,967,000	686,000	2.1	12.1
2001	283,876,000	2,926,000	1.0	34,644,000	677,000	2.0	12.2
2002	286,621,000	2,745,000	1.0	35,213,000	569,000	1.6	12.3
2003	289,228,000	2,607,000	0.9	35,786,000	573,000	1.6	12.4
2004	291,931,000	2,703,000	0.9	36,294,000	508,000	1.4	12.4
2005	294,705,000	2,774,000	1.0	36,739,000	445,000	1.2	12.5
2006	297,575,000	2,870,000	1.0	37,176,000	437,000	1.2	12.5
2007	300,466,000	2,891,000	1.0	37,631,000	455,000	1.2	12.5

a/ Includes Alaska and Hawaii. b/ Includes members of the Armed Forces stationed in the area.

Source: U.S. Department of Commerce, Bureau of the Census, Population Division, and California Department of Finance estimates.

Department of Finance, Demographic Research Unit, (916) 322-4651, http://www.dof.ca.gov

TABLE B-2

COMPONENTS OF CHANGE IN CALIFORNIA'S CIVILIAN POPULATION
AS OF JULY 1, 1970 TO 2007
(In thousands)

Year	Civilian population	Net change from preceeding year	Births	Deaths	Natural increase	Net migration	Net transfer between civilian and military status
1970	19,663	309	358	165	193	96	20
1971	20,002	339	352	168	184	128	27
1972	20,264	262	313	169	144	98	20
1973	20,557	293	303	173	130	161	2
1974	20,873	316	301	170	131	182	3
1975	21,248	375	316	172	144	229	2
1976	21,652	404	323	172	151	250	3
1977	22,073	421	341	169	172	249	0
1978	22,569	496	350	173	177	319	0
1979	22,989	420	368	177	191	229	0
1980	23,511	522	390	180	210	312	0
1981	24,006	495	413	189	224	271	0
1982	24,523	517	425	186	239	278	0
1983	25,058	535	435	188	247	288	0
1984	25,530	472	437	191	246	226	0
1985	26,114	584	457	202	255	329	0
1986	26,763	649	480	200	280	369	0
1987	27,427	664	493	206	287	377	0
1988	28,115	688	517	214	303	385	0
1989	28,861	746	547	216	331	415	0
1990	29,558	697	594	213	381	316	0
1991	30,199	641	609	213	396	245	0
1992	30,732	533	613	216	397	136	0
1993	31,081	349	588	216	372	(23)	0
1994	31,320	239	579	223	356	(117)	0
1995	31,522	202	558	221	337	(135)	0
1996	31,795	273	544	225	319	(46)	0
1997	32,307	512	531	222	309	203	0
1998	32,723	416	522	226	296	120	0
1999	33,281	558	519	226	293	265	0
2000	33,967	686	525	228	297	393	0
2001	34,644	677	529	232	297	394	0
2002	35,213	569	526	233	293	290	0
2003	35,786	573	537	233	304	283	0
2004	36,294	508	540	239	301	229	0
2005	36,739	445	547	232	315	147	0
2006	37,176	437	553	239	314	150	0
2007	37,631	455	565	238	327	128	0

Department of Finance,
Demographic Research Unit
http://www.dof.ca.gov

TABLE B-3

TOTAL POPULATION OF CALIFORNIA COUNTIES AS OF JULY 1 a/

County	1970	1980	1990	2000	2001	2002	2003	2004	2005	2006	2007
California	20,039,000	23,782,000	29,828,000	34,098,740	34,766,730	35,361,187	35,944,213	36,454,471	36,896,220	37,332,976	37,771,431
Alameda	1,073,000	1,109,500	1,276,100	1,453,173	1,477,485	1,488,073	1,492,709	1,497,110	1,501,124	1,513,859	1,530,620
Alpine	500	1,100	1,090	1,205	1,239	1,252	1,252	1,268	1,204	1,254	1,261
Amador	11,900	19,500	30,450	35,327	35,856	36,599	36,822	37,188	37,686	38,083	38,320
Butte	102,500	144,900	183,200	203,921	206,330	208,987	211,476	212,983	215,255	217,548	219,101
Calaveras	13,700	20,900	32,450	40,738	41,538	42,269	43,337	44,007	45,047	45,663	45,950
Colusa	12,400	12,900	16,300	18,928	19,198	19,614	19,998	20,696	21,147	21,551	21,945
Contra Costa	557,500	658,500	806,300	956,328	975,833	987,192	1,000,115	1,011,851	1,021,555	1,031,012	1,044,201
Del Norte	14,600	18,300	24,450	27,502	27,569	27,902	28,189	28,811	28,918	29,009	29,207
El Dorado	44,100	86,500	127,300	158,531	162,295	165,359	168,310	171,355	174,542	176,969	178,689
Fresno	413,800	517,400	670,200	804,342	819,829	836,472	856,221	873,263	888,879	906,365	923,052
Glenn	17,500	21,500	24,850	26,625	26,819	27,137	27,614	27,826	28,227	28,628	29,018
Humboldt	100,200	108,900	119,400	126,849	127,374	128,729	129,932	130,853	131,452	131,876	132,364
Imperial	74,400	92,500	110,100	143,589	145,998	149,509	154,138	158,650	163,521	168,979	174,322
Inyo	15,600	17,900	18,200	18,199	18,244	18,415	18,445	18,458	18,257	18,221	18,253
Kern	331,100	406,100	548,000	665,376	681,286	698,226	719,357	742,529	765,161	790,246	809,903
Kings	66,700	74,200	101,900	130,090	132,656	135,323	139,515	144,114	146,595	149,883	153,268
Lake	19,800	36,800	51,000	58,601	60,083	61,019	61,911	62,498	63,073	63,618	63,821
Lassen	16,900	21,800	27,700	33,980	33,787	33,862	34,289	35,407	35,016	35,521	36,223
Los Angeles	7,055,800	7,500,300	8,860,300	9,579,022	9,737,202	9,895,690	10,026,859	10,127,440	10,197,247	10,247,672	10,294,280
Madera	41,700	63,900	88,500	124,544	126,969	129,451	134,213	138,640	142,498	146,064	149,916
Marin	207,000	222,700	229,900	248,247	249,492	250,170	250,729	250,703	252,179	254,000	256,310
Mariposa	6,100	11,200	14,400	16,985	17,199	17,389	17,680	17,733	17,942	18,187	18,356
Mendocino	51,300	67,000	80,600	86,562	87,327	88,020	88,710	89,169	89,373	89,264	89,669
Merced	105,000	135,500	179,400	211,231	217,830	223,923	230,363	236,367	242,260	248,258	252,544
Modoc	7,500	8,700	9,675	9,527	9,462	9,437	9,545	9,839	9,605	9,690	9,747
Mono	4,100	8,700	10,100	12,924	13,211	13,352	13,458	13,648	13,717	14,019	14,055
Monterey	247,800	292,100	356,800	403,976	409,977	414,757	420,068	421,191	421,211	421,463	425,356
Napa	79,400	99,300	111,000	124,993	126,858	128,924	130,633	131,682	132,833	134,186	135,554
Nevada	26,500	52,500	79,000	92,378	94,290	95,382	96,832	97,796	98,506	99,248	99,587
Orange	1,431,900	1,944,800	2,412,000	2,863,706	2,917,200	2,960,381	3,001,168	3,033,026	3,056,814	3,075,341	3,098,183
Placer	78,000	118,400	174,900	252,076	265,371	277,307	290,878	302,211	312,725	322,953	329,818
Plumas	11,700	17,400	19,800	20,719	20,808	20,843	20,915	20,981	21,032	21,013	20,891
Riverside	461,600	669,800	1,188,300	1,558,824	1,621,154	1,684,214	1,764,136	1,841,707	1,922,209	2,004,174	2,070,315
Sacramento	636,700	787,900	1,046,900	1,233,386	1,272,011	1,303,234	1,332,815	1,358,046	1,378,299	1,396,496	1,415,117
San Benito	18,400	25,200	36,900	53,794	55,186	56,039	56,591	56,865	57,112	57,128	57,493
San Bernardino	685,300	902,200	1,432,100	1,722,573	1,771,263	1,813,570	1,866,384	1,920,648	1,970,532	2,011,404	2,039,467
San Diego	1,367,200	1,873,300	2,504,900	2,836,171	2,893,950	2,951,630	2,998,514	3,027,440	3,051,175	3,077,877	3,120,088
San Francisco	713,200	680,500	723,200	781,028	787,578	792,316	793,715	796,288	799,731	806,210	817,537
San Joaquin	292,100	350,200	481,900	568,932	591,080	607,464	625,556	643,929	659,707	671,115	680,183
San Luis Obispo	106,600	156,600	217,800	248,105	252,411	254,843	257,024	260,146	262,480	264,972	267,154
San Mateo	557,100	588,100	648,200	710,836	713,694	715,273	716,773	719,102	722,012	726,260	734,453
Santa Barbara	265,800	300,000	369,000	400,943	405,519	409,442	413,823	416,612	418,899	421,337	425,710
Santa Clara	1,072,600	1,300,200	1,495,300	1,693,040	1,710,050	1,721,751	1,732,417	1,747,249	1,763,481	1,790,272	1,820,176
Santa Cruz	124,500	189,100	229,300	256,510	257,771	258,253	258,565	259,666	260,469	262,150	265,183
Shasta	78,000	116,600	148,000	164,659	168,234	171,506	174,469	176,644	178,528	180,129	181,380
Sierra	2,400	3,100	3,320	3,632	3,606	3,590	3,574	3,495	3,473	3,464	3,400
Siskiyou	33,200	40,000	43,650	44,495	44,492	44,697	44,970	45,245	45,606	45,618	45,695
Solano	172,500	237,200	342,500	397,187	406,140	411,517	414,759	417,574	419,180	421,815	423,970
Sonoma	206,500	301,400	389,500	461,464	467,593	469,355	472,264	475,317	476,147	477,615	482,034
Stanislaus	195,800	267,700	373,600	450,982	466,067	478,338	489,094	498,342	508,082	515,660	523,095
Sutter	42,100	52,600	64,800	79,524	80,829	82,811	85,268	87,439	89,970	92,715	95,516
Tehama	29,600	39,100	49,850	55,931	56,519	57,308	58,362	59,232	60,165	61,369	62,093
Trinity	7,600	12,000	13,000	12,984	12,991	13,203	13,435	13,577	13,969	13,959	14,012
Tulare	189,400	247,400	313,100	369,727	375,802	383,745	393,497	403,851	413,663	422,594	430,974
Tuolumne	22,300	34,200	48,700	54,728	55,518	56,133	56,648	56,686	56,816	56,882	56,910
Ventura	381,400	532,200	669,100	758,657	773,315	786,669	798,038	806,634	812,065	818,803	826,550
Yolo	92,700	113,900	141,800	170,001	175,700	180,231	183,470	187,119	189,403	193,262	197,530
Yuba	44,400	49,800	58,600	60,433	61,642	63,090	64,371	66,325	68,446	70,053	71,612

a/ Totals may not add due to independent rounding.

Department of Finance, Demographic Research Unit, (916) 322-4651
http://www.dof.ca.gov

TABLE B-4

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 2007 AND 2008 a/

County and city	2007	2008	Percent change
CALIFORNIA	37,559,440	38,049,462	1.3%
ALAMEDA	1,522,597	1,543,000	1.3%
Alameda	75,077	75,823	1.0%
Albany	16,722	16,877	0.9%
Berkeley	106,110	106,697	0.6%
Dublin	43,592	46,934	7.7%
Emeryville	9,137	9,727	6.5%
Fremont	211,162	213,512	1.1%
Hayward	147,501	149,205	1.2%
Livermore	82,646	83,604	1.2%
Newark	43,587	43,872	0.7%
Oakland	414,516	420,183	1.4%
Piedmont	11,029	11,100	0.6%
Pleasanton	68,567	69,388	1.2%
San Leandro	81,273	81,851	0.7%
Union City	72,124	73,402	1.8%
Balance Of County	139,554	140,825	0.9%
ALPINE	1,242	1,222	-1.6%
AMADOR	38,002	37,943	-0.2%
Amador	211	208	-1.4%
Ione	7,788	7,416	-4.8%
Jackson	4,320	4,319	0.0%
Plymouth	1,034	1,033	-0.1%
Sutter Creek	2,903	2,902	0.0%
Balance Of County	21,746	22,065	1.5%
BUTTE	218,312	220,407	1.0%
Biggs	1,773	1,776	0.2%
Chico	84,491	86,949	2.9%
Gridley	6,174	6,403	3.7%
Oroville	14,458	14,490	0.2%
Paradise	26,327	26,368	0.2%
Balance Of County	85,089	84,421	-0.8%
CALAVERAS	45,850	46,127	0.6%
Angels City	3,572	3,593	0.6%
Balance Of County	42,278	42,534	0.6%
COLUSA	21,648	21,910	1.2%
Colusa	5,692	5,727	0.6%
Williams	5,185	5,310	2.4%
Balance Of County	10,771	10,873	0.9%
CONTRA COSTA	1,037,580	1,051,674	1.4%
Antioch	99,684	100,361	0.7%
Brentwood	48,677	50,614	4.0%
Clayton	10,730	10,784	0.5%
Concord	122,951	123,776	0.7%
Danville	42,457	42,629	0.4%
El Cerrito	23,086	23,320	1.0%
Hercules	23,864	24,324	1.9%
Lafayette	23,841	23,962	0.5%
Martinez	36,018	36,144	0.3%
Moraga	16,099	16,138	0.2%
Oakley	31,755	33,210	4.6%
Orinda	17,434	17,542	0.6%
Pinole	19,143	19,193	0.3%
Pittsburg	62,712	63,652	1.5%
Pleasant Hill	32,964	33,377	1.3%
Richmond	103,351	103,577	0.2%
San Pablo	30,822	31,190	1.2%
San Ramon	57,766	59,002	2.1%
Walnut Creek	65,085	65,306	0.3%
Balance Of County	169,141	173,573	2.6%
DEL NORTE	29,216	29,419	0.7%
Crescent City	7,742	7,683	-0.8%
Balance Of County	21,474	21,736	1.2%
EL DORADO	177,766	179,722	1.1%
Placerville	10,187	10,271	0.8%
South Lake Tahoe	23,582	23,725	0.6%
Balance Of County	143,997	145,726	1.2%
FRESNO	914,893	931,098	1.8%
Clovis	91,836	94,289	2.7%
Coalinga	18,007	19,064	5.9%
Firebaugh	6,658	6,812	2.3%
Fowler	5,267	5,573	5.8%
Fresno	478,808	486,171	1.5%
Huron	7,460	7,554	1.3%
Kerman	13,527	13,880	2.6%
Kingsburg	11,183	11,259	0.7%
Mendota	9,383	9,788	4.3%
Orange Cove	10,496	10,775	2.7%
Parlier	13,017	13,326	2.4%
Reedley	24,793	25,587	3.2%
Sanger	24,796	25,404	2.5%
San Joaquin	3,851	4,062	5.5%
Selma	23,086	23,286	0.9%
Balance Of County	172,725	174,268	0.9%
GLENN	28,833	29,195	1.3%
Orland	7,169	7,353	2.6%
Willows	6,453	6,502	0.8%
Balance Of County	15,211	15,340	0.8%
HUMBOLDT	131,977	132,821	0.6%
Arcata	17,417	17,558	0.8%
Blue Lake	1,165	1,166	0.1%
Eureka	26,097	26,157	0.2%
Ferndale	1,429	1,428	-0.1%
Fortuna	11,329	11,374	0.4%
Rio Dell	3,273	3,284	0.3%
Trinidad	314	314	0.0%
Balance Of County	70,953	71,540	0.8%
IMPERIAL	171,576	176,158	2.7%
Brawley	25,522	26,513	3.9%
Calexico	37,295	38,733	3.9%
Calipatria	7,750	7,774	0.3%
El Centro	41,789	43,316	3.7%
Holtville	6,257	6,467	3.4%
Imperial	11,772	12,752	8.3%
Westmorland	2,359	2,406	2.0%
Balance Of County	38,832	38,197	-1.6%
INYO	18,189	18,152	-0.2%
Bishop	3,546	3,551	0.1%
Balance Of County	14,643	14,601	-0.3%
KERN	800,699	817,517	2.1%
Arvin	16,118	16,517	2.5%
Bakersfield	322,818	328,692	1.8%
California City	13,107	14,365	9.6%
Delano	52,987	53,855	1.6%
Maricopa	1,134	1,132	-0.2%
Mcfarland	12,672	13,390	5.7%
Ridgecrest	27,910	28,038	0.5%
Shafter	14,966	15,609	4.3%
Taft	9,154	9,228	0.8%
Tehachapi	13,053	13,089	0.3%
Wasco	24,134	24,999	3.6%
Balance Of County	292,646	298,603	2.0%

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 2007 AND 2008 a/

County and city	2007	2008	Percent change
KINGS	151,607	154,434	1.9%
Avenal	16,753	16,609	-0.9%
Corcoran	25,440	26,047	2.4%
Hanford	50,459	51,965	3.0%
Lemoore	24,140	24,502	1.5%
Balance Of County	34,815	35,311	1.4%
LAKE	63,740	64,059	0.5%
Clearlake	14,032	14,247	1.5%
Lakeport	5,060	5,045	-0.3%
Balance Of County	44,648	44,767	0.3%
LASSEN	35,804	35,757	-0.1%
Susanville	17,883	17,570	-1.8%
Balance Of County	17,921	18,187	1.5%
LOS ANGELES	10,275,914	10,363,850	0.9%
Agoura Hills	23,208	23,337	0.6%
Alhambra	88,993	89,259	0.3%
Arcadia	56,241	56,491	0.4%
Artesia	17,492	17,552	0.3%
Avalon	3,503	3,532	0.8%
Azusa	48,379	48,743	0.8%
Baldwin Park	80,831	81,281	0.6%
Bell	38,764	38,762	0.0%
Bellflower	76,803	77,110	0.4%
Bell Gardens	46,496	46,766	0.6%
Beverly Hills	35,882	35,983	0.3%
Bradbury	932	948	1.7%
Burbank	107,318	108,029	0.7%
Calabasas	23,521	23,725	0.9%
Carson	97,820	97,960	0.1%
Cerritos	54,728	54,870	0.3%
Claremont	36,963	37,242	0.8%
Commerce	13,418	13,536	0.9%
Compton	98,893	99,242	0.4%
Covina	49,441	49,552	0.2%
Cudahy	25,728	25,879	0.6%
Culver City	40,564	40,694	0.3%
Diamond Bar	59,870	60,360	0.8%
Downey	112,957	113,379	0.4%
Duarte	22,991	22,953	-0.2%
El Monte	125,581	126,053	0.4%
El Segundo	16,981	17,002	0.1%
Gardena	61,603	61,781	0.3%
Glendale	206,007	207,157	0.6%
Glendora	52,265	52,362	0.2%
Hawaiian Gardens	15,830	15,900	0.4%
Hawthorne	88,583	90,014	1.6%
Hermosa Beach	19,377	19,527	0.8%
Hidden Hills	2,027	2,016	-0.5%
Huntington Park	64,547	64,747	0.3%
Industry	801	798	-0.4%
Inglewood	118,550	118,878	0.3%
Irwindale	1,647	1,724	4.7%
La Canada Flintridge	21,233	21,276	0.2%
La Habra Heights	6,109	6,140	0.5%
Lakewood	83,171	83,486	0.4%
La Mirada	49,998	50,092	0.2%
Lancaster	143,051	145,243	1.5%
La Puente	43,095	43,256	0.4%
La Verne	33,264	34,046	2.4%
Lawndale	33,382	33,540	0.5%
Lomita	21,009	21,056	0.2%
Long Beach	490,193	492,642	0.5%
Los Angeles	3,996,070	4,045,873	1.2%
Lynwood	72,771	73,147	0.5%
Malibu	13,671	13,700	0.2%
Manhattan Beach	36,388	36,505	0.3%
Maywood	29,787	29,971	0.6%
Monrovia	39,089	39,327	0.6%
Montebello	65,318	65,668	0.5%
Monterey Park	64,258	64,434	0.3%
Norwalk	109,432	109,695	0.2%
Palmdale	144,650	147,897	2.2%
Palos Verdes Estates	14,004	14,046	0.3%
Paramount	57,761	57,969	0.4%
Pasadena	146,452	148,126	1.1%
Pico Rivera	66,852	66,867	0.0%
Pomona	161,442	163,405	1.2%
Rancho Palos Verdes	42,852	42,964	0.3%
Redondo Beach	67,114	67,488	0.6%
Rolling Hills	1,959	1,967	0.4%
Rolling Hills Estates	8,052	8,185	1.7%
Rosemead	57,107	57,422	0.6%
San Dimas	36,810	36,874	0.2%
San Fernando	25,004	25,230	0.9%
San Gabriel	42,455	42,762	0.7%
San Marino	13,430	13,455	0.2%
Santa Clarita	176,168	177,045	0.5%
Santa Fe Springs	17,750	17,790	0.2%
Santa Monica	90,627	91,439	0.9%
Sierra Madre	10,978	11,116	1.3%
Signal Hill	11,165	11,402	2.1%
South El Monte	22,335	22,391	0.3%
South Gate	101,659	102,816	1.1%
South Pasadena	25,678	25,792	0.4%
Temple City	35,504	35,683	0.5%
Torrance	147,730	148,965	0.8%
Vernon	95	95	0.0%
Walnut	32,117	32,299	0.6%
West Covina	112,321	112,666	0.3%
West Hollywood	37,440	37,563	0.3%
Westlake Village	8,845	8,867	0.2%
Whittier	86,708	86,945	0.3%
Balance Of County	1,086,026	1,092,078	0.6%
MADERA	147,944	150,887	2.0%
Chowchilla	17,771	18,780	5.7%
Madera	55,475	56,710	2.2%
Balance Of County	74,698	75,397	0.9%
MARIN	255,080	257,406	0.9%
Belvedere	2,143	2,161	0.8%
Corte Madera	9,431	9,512	0.9%
Fairfax	7,347	7,412	0.9%
Larkspur	12,078	12,204	1.0%
Mill Valley	13,771	13,925	1.1%
Novato	52,238	52,737	1.0%
Ross	2,370	2,393	1.0%
San Anselmo	12,473	12,601	1.0%
San Rafael	57,843	58,235	0.7%
Sausalito	7,428	7,503	1.0%
Tiburon	8,849	8,917	0.8%
Balance Of County	69,109	69,806	1.0%
MARIPOSA	18,262	18,406	0.8%
MENDOCINO	89,518	90,163	0.7%
Fort Bragg	6,860	6,890	0.4%
Point Arena	491	493	0.4%
Ukiah	15,742	15,758	0.1%
Willits	5,007	5,032	0.5%
Balance Of County	61,418	61,990	0.9%

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 2007 AND 2008 a/

County and city	2007	2008	Percent change
MERCED	250,380	255,250	1.9%
Atwater	27,497	27,571	0.3%
Dos Palos	4,875	5,024	3.1%
Gustine	5,126	5,199	1.4%
Livingston	13,223	13,795	4.3%
Los Banos	35,044	36,052	2.9%
Merced	79,381	80,608	1.5%
Balance Of County	85,234	87,001	2.1%
MODOC	9,679	9,702	0.2%
Alturas	2,815	2,804	-0.4%
Balance Of County	6,864	6,898	0.5%
MONO	13,730	13,759	0.2%
Mammoth Lakes	7,407	7,413	0.1%
Balance Of County	6,323	6,346	0.4%
MONTEREY	423,762	428,549	1.1%
Carmel-By-The-Sea	4,041	4,049	0.2%
Del Rey Oaks	1,623	1,627	0.2%
Gonzales	8,717	8,803	1.0%
Greenfield	16,589	17,316	4.4%
King City	11,491	11,852	3.1%
Marina	18,914	19,171	1.4%
Monterey	30,057	29,322	-2.4%
Pacific Grove	15,408	15,472	0.4%
Salinas	149,208	150,898	1.1%
Sand City	300	298	-0.7%
Seaside	33,306	34,194	2.7%
Soledad	28,323	27,905	-1.5%
Balance Of County	105,785	107,642	1.8%
NAPA	134,844	136,704	1.4%
American Canyon	15,925	16,293	2.3%
Calistoga	5,258	5,302	0.8%
Napa	76,316	77,106	1.0%
St Helena	5,941	5,924	-0.3%
Yountville	3,272	3,263	-0.3%
Balance Of County	28,132	28,816	2.4%
NEVADA	99,026	99,186	0.2%
Grass Valley	12,915	12,929	0.1%
Nevada City	3,057	3,074	0.6%
Truckee	15,901	16,165	1.7%
Balance Of County	67,153	67,018	-0.2%
ORANGE	3,089,707	3,121,251	1.0%
Aliso Viejo	44,832	45,249	0.9%
Anaheim	343,973	346,823	0.8%
Brea	39,685	40,081	1.0%
Buena Park	82,075	82,768	0.8%
Costa Mesa	113,292	113,955	0.6%
Cypress	49,058	49,541	1.0%
Dana Point	36,773	36,982	0.6%
Fountain Valley	57,475	57,925	0.8%
Fullerton	136,741	137,437	0.5%
Garden Grove	171,991	173,067	0.6%
Huntington Beach	201,315	201,993	0.3%
Irvine	201,154	209,806	4.3%
Laguna Beach	25,013	25,131	0.5%
Laguna Hills	33,237	33,421	0.6%
Laguna Niguel	66,302	66,877	0.9%
Laguna Woods	18,340	18,442	0.6%
La Habra	62,197	62,635	0.7%
Lake Forest	77,886	78,317	0.6%
La Palma	16,086	16,176	0.6%
Los Alamitos	12,091	12,191	0.8%
Mission Viejo	98,030	98,572	0.6%
Newport Beach	83,834	84,554	0.9%
Orange	138,024	140,849	2.0%
Placentia	51,357	51,727	0.7%
Rancho Santa Margarita	49,487	49,764	0.6%
San Clemente	67,063	67,892	1.2%
San Juan Capistrano	36,285	36,782	1.4%
Santa Ana	351,812	353,184	0.4%
Seal Beach	25,845	25,986	0.5%
Stanton	38,804	39,276	1.2%
Tustin	72,348	74,218	2.6%
Villa Park	6,224	6,259	0.6%
Westminster	92,443	93,027	0.6%
Yorba Linda	67,592	68,312	1.1%
Balance Of County	121,043	122,032	0.8%
PLACER	326,503	333,401	2.1%
Auburn	13,194	13,273	0.6%
Colfax	1,849	1,855	0.3%
Lincoln	37,642	39,758	5.6%
Loomis	6,570	6,624	0.8%
Rocklin	52,270	53,843	3.0%
Roseville	106,925	109,154	2.1%
Balance Of County	108,053	108,894	0.8%
PLUMAS	20,941	20,917	-0.1%
Portola	2,086	2,051	-1.7%
Balance Of County	18,855	18,866	0.1%
RIVERSIDE	2,034,840	2,088,322	2.6%
Banning	28,293	28,348	0.2%
Beaumont	28,271	31,477	11.3%
Blythe	22,636	21,695	-4.2%
Calimesa	7,420	7,536	1.6%
Canyon Lake	10,979	11,051	0.7%
Cathedral City	52,151	52,465	0.6%
Coachella	38,515	40,517	5.2%
Corona	146,147	147,428	0.9%
Desert Hot Springs	24,907	26,068	4.7%
Hemet	73,299	74,185	1.2%
Indian Wells	4,945	5,025	1.6%
Indio	77,208	81,512	5.6%
Lake Elsinore	47,669	49,807	4.5%
La Quinta	41,125	42,958	4.5%
Moreno Valley	180,603	183,860	1.8%
Murrieta	97,329	100,173	2.9%
Norco	27,375	27,255	-0.4%
Palm Desert	49,789	50,907	2.2%
Palm Springs	46,893	47,251	0.8%
Perris	50,701	53,605	5.7%
Rancho Mirage	16,957	17,057	0.6%
Riverside	291,611	296,842	1.8%
San Jacinto	34,371	35,672	3.8%
Temecula	98,009	101,057	3.1%
Balance Of County	537,637	554,571	3.1%
SACRAMENTO	1,405,694	1,424,415	1.3%
Citrus Heights	86,951	87,321	0.4%
Elk Grove	136,210	139,542	2.4%
Folsom	70,783	72,590	2.6%
Galt	23,448	23,913	2.0%
Isleton	815	817	0.2%
Rancho Cordova	58,991	60,975	3.4%
Sacramento	466,981	475,743	1.9%
Balance Of County	561,515	563,514	0.4%
SAN BENITO	57,296	57,784	0.9%
Hollister	36,794	37,051	0.7%
San Juan Bautista	1,811	1,874	3.5%
Balance Of County	18,691	18,859	0.9%

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 2007 AND 2008 a/

County and city	2007	2008	Percent change
SAN BERNARDINO	2,026,325	2,055,766	1.5%
Adelanto	27,088	28,181	4.0%
Apple Valley	70,160	70,092	-0.1%
Barstow	23,893	23,952	0.2%
Big Bear Lake	6,195	6,256	1.0%
Chino	81,087	82,670	2.0%
Chino Hills	78,512	78,957	0.6%
Colton	51,696	51,918	0.4%
Fontana	181,282	188,498	4.0%
Grand Terrace	12,356	12,543	1.5%
Hesperia	85,708	87,820	2.5%
Highland	52,081	52,503	0.8%
Loma Linda	22,409	22,632	1.0%
Montclair	36,549	37,017	1.3%
Needles	5,751	5,807	1.0%
Ontario	172,363	173,690	0.8%
Rancho Cucamonga	172,001	174,308	1.3%
Redlands	71,237	71,807	0.8%
Rialto	98,870	99,767	0.9%
San Bernardino	204,620	205,493	0.4%
Twentynine Palms	27,003	27,966	3.6%
Upland	75,021	75,137	0.2%
Victorville	102,349	107,408	4.9%
Yucaipa	51,683	52,063	0.7%
Yucca Valley	21,004	21,268	1.3%
Balance Of County	295,407	298,013	0.9%
SAN DIEGO	3,100,132	3,146,274	1.5%
Carlsbad	101,398	103,811	2.4%
Chula Vista	227,863	231,305	1.5%
Coronado	22,968	23,101	0.6%
Del Mar	4,553	4,580	0.6%
El Cajon	97,313	97,934	0.6%
Encinitas	63,298	63,864	0.9%
Escondido	141,874	143,389	1.1%
Imperial Beach	27,726	28,200	1.7%
La Mesa	56,286	56,666	0.7%
Lemon Grove	25,467	25,611	0.6%
National City	61,146	61,194	0.1%
Oceanside	176,755	178,806	1.2%
Poway	50,862	51,103	0.5%
San Diego	1,317,625	1,336,865	1.5%
San Marcos	79,863	82,743	3.6%
Santee	55,193	56,068	1.6%
Solana Beach	13,427	13,500	0.5%
Vista	95,020	95,770	0.8%
Balance Of County	481,495	491,764	2.1%
SAN FRANCISCO			
San Fransico	812,241	824,525	1.5%
SAN JOAQUIN	675,463	685,660	1.5%
Escalon	7,041	7,131	1.3%
Lathrop	16,358	17,429	6.5%
Lodi	62,934	63,362	0.7%
Manteca	64,596	66,451	2.9%
Ripon	14,467	14,915	3.1%
Stockton	287,677	289,927	0.8%
Tracy	80,592	81,548	1.2%
Balance Of County	141,798	144,897	2.2%
SAN LUIS OBISPO	266,372	269,337	1.1%
Arroyo Grande	16,856	17,036	1.1%
Atascadero	27,935	28,590	2.3%
El Paso De Robles	29,685	29,934	0.8%
Grover Beach	13,161	13,213	0.4%
Morro Bay	10,497	10,548	0.5%
Pismo Beach	8,593	8,603	0.1%
San Luis Obispo	44,489	44,697	0.5%
Balance Of County	115,156	116,716	1.4%
SAN MATEO	730,339	739,469	1.3%
Atherton	7,391	7,475	1.1%
Belmont	25,788	26,078	1.1%
Brisbane	3,775	3,861	2.3%
Burlingame	28,544	28,867	1.1%
Colma	1,589	1,613	1.5%
Daly City	105,688	106,361	0.6%
East Palo Alto	32,489	32,897	1.3%
Foster City	30,138	30,308	0.6%
Half Moon Bay	12,860	13,046	1.4%
Hillsborough	11,075	11,272	1.8%
Menlo Park	31,017	31,490	1.5%
Millbrae	20,876	21,387	2.4%
Pacifica	39,081	39,616	1.4%
Portola Valley	4,599	4,639	0.9%
Redwood City	76,695	77,269	0.7%
San Bruno	41,962	43,444	3.5%
San Carlos	28,515	28,857	1.2%
San Mateo	95,098	95,776	0.7%
South San Francisco	62,342	63,744	2.2%
Woodside	5,540	5,625	1.5%
Balance Of County	65,277	65,844	0.9%
SANTA BARBARA	423,540	428,655	1.2%
Buellton	4,653	4,700	1.0%
Carpinteria	14,092	14,271	1.3%
Goleta	30,096	30,400	1.0%
Guadalupe	6,383	6,541	2.5%
Lompoc	41,930	42,957	2.4%
Santa Barbara	89,266	90,305	1.2%
Santa Maria	90,144	91,110	1.1%
Solvang	5,482	5,555	1.3%
Balance Of County	141,494	142,816	0.9%
SANTA CLARA	1,805,314	1,837,075	1.8%
Campbell	39,689	40,161	1.2%
Cupertino	55,078	55,551	0.9%
Gilroy	49,571	51,173	3.2%
Los Altos	28,061	28,291	0.8%
Los Altos Hills	8,592	8,837	2.9%
Los Gatos	29,362	30,296	3.2%
Milpitas	66,472	69,419	4.4%
Monte Sereno	3,559	3,579	0.6%
Morgan Hill	38,360	39,218	2.2%
Mountain View	73,149	73,932	1.1%
Palo Alto	62,520	63,367	1.4%
San Jose	972,190	989,496	1.8%
Santa Clara	114,066	115,503	1.3%
Saratoga	31,352	31,592	0.8%
Sunnyvale	135,514	137,538	1.5%
Balance Of County	97,779	99,122	1.4%
SANTA CRUZ	263,499	266,519	1.1%
Capitola	9,935	10,015	0.8%
Santa Cruz	57,423	58,125	1.2%
Scotts Valley	11,588	11,697	0.9%
Watsonville	51,132	51,703	1.1%
Balance Of County	133,421	134,979	1.2%
SHASTA	180,666	182,236	0.9%
Anderson	10,552	10,579	0.3%
Redding	89,682	90,491	0.9%
Shasta Lake	10,250	10,279	0.3%
Balance Of County	70,182	70,887	1.0%

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 2007 AND 2008 a/

County and city	2007	2008	Percent change
SIERRA	3,432	3,380	-1.5%
Loyalton	865	851	-1.6%
Balance Of County	2,567	2,529	-1.5%
SISKIYOU	45,667	45,971	0.7%
Dorris	868	864	-0.5%
Dunsmuir	1,838	1,831	-0.4%
Etna	754	751	-0.4%
Fort Jones	660	657	-0.5%
Montague	1,504	1,496	-0.5%
Mount Shasta	3,616	3,602	-0.4%
Tulelake	977	970	-0.7%
Weed	3,010	3,030	0.7%
Yreka	7,312	7,441	1.8%
Balance Of County	25,128	25,329	0.8%
SOLANO	422,974	426,757	0.9%
Benicia	27,791	27,978	0.7%
Dixon	17,563	17,577	0.1%
Fairfield	104,955	106,753	1.7%
Rio Vista	7,789	8,071	3.6%
Suisun City	27,854	28,193	1.2%
Vacaville	96,096	96,905	0.8%
Vallejo	120,889	121,097	0.2%
Balance Of County	20,037	20,183	0.7%
SONOMA	479,668	484,470	1.0%
Cloverdale	8,479	8,577	1.2%
Cotati	7,503	7,532	0.4%
Healdsburg	11,654	11,706	0.4%
Petaluma	56,743	57,418	1.2%
Rohnert Park	42,772	43,062	0.7%
Santa Rosa	157,319	159,981	1.7%
Sebastopol	7,727	7,714	-0.2%
Sonoma	9,898	9,943	0.5%
Windsor	26,315	26,564	0.9%
Balance Of County	151,258	151,973	0.5%
STANISLAUS	518,938	525,903	1.3%
Ceres	41,787	42,813	2.5%
Hughson	6,054	6,187	2.2%
Modesto	208,150	209,936	0.9%
Newman	10,254	10,586	3.2%
Oakdale	18,538	19,337	4.3%
Patterson	20,773	21,229	2.2%
Riverbank	21,384	21,757	1.7%
Turlock	68,984	70,158	1.7%
Waterford	8,547	8,763	2.5%
Balance Of County	114,467	115,137	0.6%
SUTTER	93,835	95,878	2.2%
Live Oak	8,119	8,539	5.2%
Yuba City	62,028	63,338	2.1%
Balance Of County	23,688	24,001	1.3%
TEHAMA	61,709	62,419	1.2%
Corning	7,172	7,226	0.8%
Red Bluff	13,688	13,828	1.0%
Tehama	427	429	0.5%
Balance Of County	40,422	40,936	1.3%
TRINITY	13,970	13,966	0.0%
TULARE	426,798	435,254	2.0%
Dinuba	19,900	20,993	5.5%
Exeter	10,675	10,656	-0.2%
Farmersville	10,413	10,524	1.1%
Lindsay	11,114	11,546	3.9%
Porterville	51,210	51,638	0.8%
Tulare	55,645	57,375	3.1%
Visalia	117,138	120,958	3.3%
Woodlake	7,358	7,489	1.8%
Balance Of County	143,345	144,075	0.5%
TUOLUMNE	56741	56799	0.1%
Sonora	4,707	4,698	-0.2%
Balance Of County	52,034	52,101	0.1%
VENTURA	823,129	831,587	1.0%
Camarillo	65,409	65,453	0.1%
Fillmore	15,201	15,641	2.9%
Moorpark	36,045	36,814	2.1%
Ojai	8,110	8,156	0.6%
Oxnard	192,440	194,905	1.3%
Port Hueneme	22,283	22,202	-0.4%
San Buenaventura	107,182	108,261	1.0%
Santa Paula	29,138	29,539	1.4%
Simi Valley	124,160	125,657	1.2%
Thousand Oaks	127,337	128,650	1.0%
Balance Of County	95,824	96,309	0.5%
YOLO	195,354	199,066	1.9%
Davis	65,397	65,814	0.6%
West Sacramento	45,259	47,068	4.0%
Winters	6,936	7,052	1.7%
Woodland	54,450	55,867	2.6%
Balance Of County	23,312	23,265	-0.2%
YUBA	70,683	71,929	1.8%
Marysville	12,716	12,719	0.0%
Wheatland	3,518	3,510	-0.2%
Balance Of County	54,449	55,700	2.3%

a/ Totals may not add due to independent rounding.

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TABLE B-5

POPULATION AND PERCENT DISTRIBUTION BY RACE AND HISPANIC ORIGIN
CALIFORNIA, CENSUS 2000

				Not Hispanic or Latino													
	Total Population	Hispanic or Latino	%	White alone	%	Black alone	%	American Indian and Alaska Native alone	%	Asian alone	%	Native Hawaiian & Other Pacific Islander alone	%	Some Other Race alone	%	Multirace	%
California	33,871,648	10,966,556	32.4	15,816,790	46.7	2,181,926	6.4	178,984	0.5	3,648,860	10.8	103,736	0.3	71,681	0.2	903,115	2.7
Alameda	1,443,741	273,910	19.0	591,095	40.9	211,124	14.6	5,306	0.4	292,673	20.3	8,458	0.6	4,676	0.3	56,499	3.9
Alpine	1,208	94	7.8	867	71.8	7	0.6	188	15.6	4	0.3	1	0.1	6	0.5	41	3.4
Amador	35,100	3,126	8.9	28,920	82.4	1,348	3.8	538	1.5	326	0.9	29	0.1	178	0.5	635	1.8
Butte	203,171	21,339	10.5	162,564	80.0	2,699	1.3	3,295	1.6	6,676	3.3	273	0.1	435	0.2	5,890	2.9
Calaveras	40,554	2,765	6.8	35,465	87.5	300	0.7	607	1.5	322	0.8	36	0.1	40	0.1	1,019	2.5
Colusa	18,804	8,752	46.5	9,018	48.0	88	0.5	316	1.7	220	1.2	67	0.4	34	0.2	309	1.6
Contra Costa	948,816	167,776	17.7	549,409	57.9	86,851	9.2	3,648	0.4	102,681	10.8	3,157	0.3	2,636	0.3	32,658	3.4
Del Norte	27,507	3,829	13.9	19,294	70.1	1,167	4.2	1,593	5.8	619	2.3	18	0.1	39	0.1	948	3.4
El Dorado	156,299	14,566	9.3	132,725	84.9	745	0.5	1,272	0.8	3,250	2.1	169	0.1	237	0.2	3,335	2.1
Fresno	799,407	351,636	44.0	317,522	39.7	40,291	5.0	6,223	0.8	63,029	7.9	682	0.1	1,451	0.2	18,573	2.3
Glenn	26,453	7,840	29.6	16,548	62.6	117	0.4	439	1.7	863	3.3	22	0.1	55	0.2	569	2.2
Humboldt	126,518	8,210	6.5	103,230	81.6	1,035	0.8	6,722	5.3	2,022	1.6	219	0.2	448	0.4	4,632	3.7
Imperial	142,361	102,817	72.2	28,768	20.2	5,148	3.6	1,736	1.2	2,446	1.7	75	0.1	97	0.1	1,274	0.9
Inyo	17,945	2,257	12.6	13,352	74.4	20	0.1	1,678	9.4	158	0.9	15	0.1	23	0.1	442	2.5
Kern	661,645	254,036	38.4	327,190	49.5	37,845	5.7	5,885	0.9	21,177	3.2	728	0.1	989	0.1	13,795	2.1
Kings	129,461	56,461	43.6	53,817	41.6	10,418	8.0	1,304	1.0	3,884	3.0	192	0.1	229	0.2	3,156	2.4
Lake	58,309	6,639	11.4	46,933	80.5	1,209	2.1	1,413	2.4	468	0.8	82	0.1	52	0.1	1,513	2.6
Lassen	33,828	4,681	13.8	23,893	70.6	2,976	8.8	959	2.8	244	0.7	134	0.4	267	0.8	674	2.0
Los Angeles	9,519,338	4,242,213	44.6	2,959,614	31.1	901,472	9.5	25,609	0.3	1,124,569	11.8	23,265	0.2	19,935	0.2	222,661	2.3
Madera	123,109	54,515	44.3	57,391	46.6	4,710	3.8	1,694	1.4	1,480	1.2	160	0.1	287	0.2	2,872	2.3
Marin	247,289	27,351	11.1	194,254	78.6	6,946	2.8	630	0.3	11,078	4.5	330	0.1	718	0.3	5,982	2.4
Mariposa	17,130	1,329	7.8	14,539	84.9	111	0.6	530	3.1	120	0.7	17	0.1	21	0.1	463	2.7
Mendocino	86,265	14,213	16.5	64,581	74.9	471	0.5	3,438	4.0	1,006	1.2	107	0.1	152	0.2	2,297	2.7
Merced	210,554	95,466	45.3	85,585	40.6	7,594	3.6	1,115	0.5	14,041	6.7	281	0.1	410	0.2	6,062	2.9
Modoc	9,449	1,088	11.5	7,663	81.1	59	0.6	340	3.6	58	0.6	7	0.1	26	0.3	208	2.2
Mono	12,853	2,274	17.7	9,837	76.5	53	0.4	267	2.1	140	1.1	10	0.1	82	0.6	190	1.5
Monterey	401,762	187,969	46.8	162,045	40.3	14,085	3.5	1,782	0.4	23,203	5.8	1,543	0.4	1,190	0.3	9,945	2.5
Napa	124,279	29,416	23.7	85,932	69.1	1,527	1.2	642	0.5	3,641	2.9	254	0.2	226	0.2	2,641	2.1
Nevada	92,033	5,201	5.7	83,098	90.3	234	0.3	663	0.7	702	0.8	70	0.1	175	0.2	1,890	2.1
Orange	2,846,289	875,579	30.8	1,458,978	51.3	42,639	1.5	8,414	0.3	383,810	13.5	8,086	0.3	4,525	0.2	64,258	2.3
Placer	248,399	24,019	9.7	207,236	83.4	1,896	0.8	1,687	0.7	7,148	2.9	324	0.1	336	0.1	5,753	2.3
Plumas	20,824	1,177	5.7	18,473	88.7	130	0.6	444	2.1	107	0.5	19	0.1	32	0.2	442	2.1
Riverside	1,545,387	559,575	36.2	788,831	51.0	92,403	6.0	10,135	0.7	55,199	3.6	3,284	0.2	2,425	0.2	33,535	2.2
Sacramento	1,223,499	195,890	16.0	706,655	57.8	118,073	9.7	9,070	0.7	132,601	10.8	6,788	0.6	3,406	0.3	51,016	4.2
San Benito	53,234	25,516	47.9	24,513	46.0	475	0.9	279	0.5	1,173	2.2	68	0.1	53	0.1	1,157	2.2
San Bernardino	1,709,434	669,387	39.2	752,222	44.0	150,201	8.8	9,804	0.6	78,154	4.6	4,387	0.3	3,039	0.2	42,240	2.5
San Diego	2,813,833	750,965	26.7	1,548,833	55.0	154,487	5.5	15,253	0.5	245,297	8.7	12,164	0.4	5,822	0.2	81,012	2.9
San Francisco	776,733	109,504	14.1	338,909	43.6	58,791	7.6	2,020	0.3	238,173	30.7	3,602	0.5	2,580	0.3	23,154	3.0
San Joaquin	563,598	172,073	30.5	267,002	47.4	36,139	6.4	3,531	0.6	62,126	11.0	1,624	0.3	1,225	0.2	19,878	3.5
San Luis Obispo	246,681	40,196	16.3	187,840	76.1	4,743	1.9	1,490	0.6	6,342	2.6	227	0.1	365	0.1	5,478	2.2

Continued on next page

TABLE B-5 (Continued)

POPULATION AND PERCENT DISTRIBUTION BY RACE AND HISPANIC ORIGIN
CALIFORNIA, CENSUS 2000

				Not Hispanic or Latino													
	Total Population	Hispanic or Latino	%	White alone	%	Black alone	%	American Indian and Alaska Native alone	%	Asian alone	%	Native Hawaiian & Other Pacific Islander alone	%	Some Other Race alone	%	Multirace	%
San Mateo	707,161	154,708	21.9	352,355	49.8	23,778	3.4	1,546	0.2	140,313	19.8	9,112	1.3	2,217	0.3	23,132	3.3
Santa Barbara	399,347	136,668	34.2	227,083	56.9	8,385	2.1	2,135	0.5	15,713	3.9	589	0.1	585	0.1	8,189	2.1
Santa Clara	1,682,585	403,401	24.0	744,282	44.2	44,475	2.6	5,270	0.3	426,771	25.4	5,040	0.3	3,522	0.2	49,824	3.0
Santa Cruz	255,602	68,486	26.8	167,464	65.5	2,160	0.8	1,180	0.5	8,464	3.3	311	0.1	858	0.3	6,679	2.6
Shasta	163,256	8,998	5.5	141,097	86.4	1,179	0.7	4,025	2.5	3,014	1.8	154	0.1	245	0.2	4,544	2.8
Sierra	3,555	213	6.0	3,210	90.3	6	0.2	56	1.6	5	0.1	3	0.1	2	0.1	60	1.7
Siskiyou	44,301	3,354	7.6	36,910	83.3	556	1.3	1,605	3.6	523	1.2	49	0.1	42	0.1	1,262	2.8
Solano	394,542	69,598	17.6	194,282	49.2	57,597	14.6	2,194	0.6	49,399	12.5	2,859	0.7	955	0.2	17,658	4.5
Sonoma	458,614	79,511	17.3	341,686	74.5	6,116	1.3	3,477	0.8	13,786	3.0	828	0.2	921	0.2	12,289	2.7
Stanislaus	446,997	141,871	31.7	256,001	57.3	10,621	2.4	3,483	0.8	18,234	4.1	1,354	0.3	971	0.2	14,462	3.2
Sutter	78,930	17,529	22.2	47,532	60.2	1,418	1.8	940	1.2	8,771	11.1	142	0.2	190	0.2	2,408	3.1
Tehama	56,039	8,871	15.8	43,972	78.5	279	0.5	1,008	1.8	423	0.8	48	0.1	109	0.2	1,329	2.4
Trinity	13,022	517	4.0	11,271	86.6	54	0.4	583	4.5	58	0.4	15	0.1	13	0.1	511	3.9
Tulare	368,021	186,846	50.8	153,916	41.8	5,122	1.4	3,011	0.8	11,457	3.1	257	0.1	444	0.1	6,968	1.9
Tuolumne	54,501	4,445	8.2	46,377	85.1	1,135	2.1	864	1.6	377	0.7	81	0.1	47	0.1	1,175	2.2
Ventura	753,197	251,734	33.4	427,449	56.8	13,490	1.8	3,177	0.4	39,452	5.2	1,379	0.2	1,122	0.1	15,394	2.0
Yolo	168,660	43,707	25.9	97,942	58.1	3,133	1.9	1,165	0.7	16,390	9.7	443	0.3	396	0.2	5,484	3.3
Yuba	60,219	10,449	17.4	39,320	65.3	1,795	3.0	1,306	2.2	4,480	7.4	98	0.2	120	0.2	2,651	4.4

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TABLE B-6

POPULATION AND PERCENT DISTRIBUTION, BY AGE AND BY RACE AND HISPANIC ORIGIN
CALIFORNIA, CENSUS 2000

				Not Hispanic or Latino													
Age group	Total Population	Hispanic or Latino	% in age group	White alone	% in age group	Black alone	% in age group	American Indian and Alaska Native alone	% in age group	Asian alone	% in age group	Native Hawaiian & Other Pacific Islander alone	% in age group	Some Other Race alone	% in age group	Multirace	% in age group
Under 5 years	2,486,981	1,187,878	47.8	788,472	31.7	160,116	6.4	11,585	0.5	214,466	8.6	7,761	0.3	6,932	0.3	109,771	4.4
5-9	2,725,880	1,236,768	45.4	918,430	33.7	195,303	7.2	14,080	0.5	238,473	8.7	9,339	0.3	7,442	0.3	106,045	3.9
10-14	2,570,822	1,043,433	40.6	961,056	37.4	194,672	7.6	14,834	0.6	246,037	9.6	9,298	0.4	6,626	0.3	94,866	3.7
15-17	1,466,146	582,746	39.7	554,900	37.8	103,729	7.1	8,613	0.6	156,771	10.7	5,408	0.4	3,579	0.2	50,400	3.4
18-19	984,742	406,737	41.3	358,372	36.4	64,587	6.6	5,704	0.6	111,031	11.3	3,808	0.4	2,279	0.2	32,224	3.3
20-24	2,381,288	1,021,676	42.9	841,794	35.4	150,101	6.3	12,992	0.5	270,740	11.4	9,209	0.4	5,955	0.3	68,821	2.9
25-34	5,229,062	2,037,046	39.0	2,055,428	39.3	327,088	6.3	26,124	0.5	627,484	12.0	18,178	0.3	11,621	0.2	126,093	2.4
35-44	5,485,341	1,581,468	28.8	2,716,173	49.5	376,974	6.9	31,426	0.6	626,085	11.4	17,387	0.3	11,611	0.2	124,217	2.3
45-54	4,331,635	922,954	21.3	2,492,751	57.5	268,363	6.2	26,079	0.6	513,304	11.9	11,735	0.3	8,032	0.2	88,417	2.0
55-59	1,467,252	268,529	18.3	909,072	62.0	87,871	6.0	8,668	0.6	159,687	10.9	3,629	0.2	2,245	0.2	27,551	1.9
60-64	1,146,841	204,552	17.8	704,203	61.4	73,577	6.4	6,286	0.5	132,759	11.6	2,847	0.2	1,632	0.1	20,985	1.8
65-74	1,887,823	296,106	15.7	1,232,017	65.3	103,212	5.5	7,762	0.4	211,740	11.2	3,467	0.2	2,151	0.1	31,368	1.7
75-84	1,282,178	137,917	10.8	951,354	74.2	57,472	4.5	3,726	0.3	112,027	8.7	1,329	0.1	1,150	0.1	17,203	1.3
85 and over	425,657	38,746	9.1	332,768	78.2	18,861	4.4	1,105	0.3	28,256	6.6	341	0.1	426	0.1	5,154	1.2
Total	33,871,648	10,966,556	32.4	15,816,790	46.7	2,181,926	6.4	178,984	0.5	3,648,860	10.8	103,736	0.3	71,681	0.2	903,115	2.7

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TABLE B-7

CALIFORNIA POPULATION BY RACE AND HISPANIC ORIGIN
1990 AND 2000 CENSUS

	1990 Census		2000 Census		Change 1990-2000	
	Number	% of total	Number	% of total	Number	Percent
Excluding Hispanic or Latino:						
White	17,029,126	57.2	15,816,790	46.7	(1,212,336)	(7.1)
Black	2,092,446	7.0	2,181,926	6.4	89,480	4.3
Native American	184,065	0.6	178,984	0.5	(5,081)	(2.8)
Asian	2,710,353	9.1	3,648,860	10.8	1,042,243	38.5
Pacific Islander			103,736	0.3		
Other	56,093	0.2	71,681	0.2	15,588	27.8
Multirace	n.a.	--	903,115	2.7	--	--
Hispanic or Latino	7,687,938	25.8	10,966,556	32.4	3,278,618	42.6
Total	29,760,021	100.0	33,871,648	100.0	4,111,627	13.8

n.a. Not available

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SECTION C
LABOR FORCE AND EMPLOYMENT

This section presents statistics relating to the civilian labor force of California, including employment, hours of work, earnings, apprenticeships, work injuries, and illnesses. The primary source of the data is the California Employment Development Department, Labor Market Information Division. Other sources include the United States Bureau of Labor Statistics and the California Department of Industrial Relations.

TABLE C-1

CIVILIAN EMPLOYMENT AND UNEMPLOYMENT: CALIFORNIA AND METROPOLITAN AREAS

Year/Area	(In thousands) Labor force	Employed a/	Unemployed b/	Unemployment rate (Percent)
California				
1971	8,407	7,669	739	8.8
1972	8,653	7,996	656	7.6
1973	8,910	8,286	624	7.0
1974	9,317	8,638	679	7.3
1975	9,539	8,598	941	9.9
1976	9,896	8,990	906	9.2
1977	10,367	9,513	853	8.2
1978	10,911	10,137	775	7.1
1979	11,268	10,566	702	6.2
1980	11,584	10,794	790	6.8
1981	11,811	10,937	874	7.4
1982	12,177	10,967	1,210	9.9
1983	12,282	11,095	1,187	9.7
1984	12,611	11,631	980	7.8
1985	12,982	12,048	934	7.2
1986	13,332	12,442	890	6.7
1987	13,738	12,947	791	5.8
1988	14,132	13,384	748	5.3
1989	14,517	13,780	737	5.1
1990	15,169	14,294	874	5.8
1991	15,105	13,932	1,174	7.8
1992	15,310	13,874	1,436	9.4
1993	15,265	13,808	1,456	9.5
1994	15,271	13,954	1,317	8.6
1995	15,264	14,062	1,201	7.9
1996	15,436	14,304	1,132	7.3
1997	15,793	14,781	1,012	6.4
1998	16,167	15,204	963	6.0
1999	16,431	15,567	864	5.3
2000	16,858	16,024	833	4.9
2001	17,152	16,220	932	5.4
2002	17,344	16,181	1,163	6.7
2003	17,391	16,200	1,191	6.8
2004	17,507	16,413	1,093	6.2
2005	17,703	16,742	961	5.4
2006	17,907	17,030	877	4.9
2007	18,188	17,209	979	5.4
Metropolitan Areas, 2007				
Bakersfield (Kern)	351.9	322.9	29.1	8.3
Chico (Butte)	103.3	96.4	6.9	6.7
El Centro (Imperial)	68.0	55.8	12.3	18.0
Fresno	428.1	391.2	36.8	8.6
Hanford-Corcoran (Kings)	58.5	53.4	5.1	8.7
Los Angeles-Long Beach-Glendale Division (Los Angeles)	4,921.2	4,675.3	245.9	5.0
Madera	64.4	59.5	4.9	7.6
Merced	102.1	91.7	10.4	10.2
Modesto (Stanislaus)	231.3	210.9	20.3	8.8
Napa	74.3	71.2	3.1	4.1
Oakland-Fremont-Hayward Division (Alameda, Contra Costa)	1,281.6	1,220.6	60.9	4.8
Santa Ana-Anaheim-Irvine Division (Orange)	1,633.1	1,568.8	64.3	3.9
Redding (Shasta)	84.8	78.4	6.4	7.6
Riverside-San Bernardino-Ontario (Riverside, San Bernardino)	1,794.9	1,688.9	105.9	5.9
Sacramento-Arden Arcade-Roseville (El Dorado, Placer, Sacramento, Yolo)	1,056.5	999.6	56.8	5.4
Salinas (Monterey)	209.2	194.1	15.1	7.3
San Diego-Carlsbad-San Marcos (San Diego)	1,542.5	1,471.6	70.9	4.6
San Francisco-San Mateo-Redwood City (Marin, San Francisco, San Mateo)	948.8	910.6	38.2	4.0
San Jose-Sunnyvale-Santa Clara (Santa Clara, San Benito)	880.3	838.0	42.3	4.8
San Luis Obispo-Paso Robles (San Luis Obispo)	137.1	131.3	5.9	4.3
Santa Barbara-Santa Maria-Goleta (Santa Barbara)	217.5	207.9	9.5	4.4
Santa Cruz-Watsonville (Santa Cruz)	148.8	140.0	8.8	5.9
Santa Rosa-Petaluma (Sonoma)	262.0	250.5	11.6	4.4
Stockton (San Joaquin)	294.9	270.8	24.2	8.2
Vallejo-Fairfield (Solano)	211.8	200.4	11.4	5.4
Oxnard-Thousand Oaks-Ventura (Ventura)	429.6	408.3	21.3	5.0
Visalia-Porterville (Tulare)	195.2	177.0	18.3	9.4
Yuba City (Sutter, Yuba)	70.2	63.5	6.7	9.5

a/ Includes wage and salary workers, employers, own-account workers, unpaid family workers and workers directly involved in work stoppages.
b/ Excludes the potential or latent supply of workers not active in the labor market.

Employment Development Department, Labor Market Information Division, (916) 262-2162, http://www.labormarketinfo.edd.ca.gov/

TABLE C-2

CIVILIAN UNEMPLOYMENT RATE
BY COUNTY, CALIFORNIA
2001-2007

County	2001	2002	2003	2004	2005	2006	2007
California	5.4	6.7	6.8	6.2	5.4	4.9	5.4
Alameda	4.8	6.7	6.9	5.9	5.2	4.5	4.8
Alpine	7.8	8.1	8.9	8.4	8.4	6.7	8.3
Amador	5.1	5.8	6.2	5.8	5.7	5.4	5.9
Butte	6.6	7.4	7.6	7.4	6.8	6.2	6.7
Calaveras	5.5	6.5	7.4	6.8	6.3	5.9	6.6
Colusa	12.9	14.0	14.5	13.8	12.9	12.5	11.9
Contra Costa	4.1	5.7	6.1	5.5	4.9	4.3	4.7
Del Norte	8.0	8.8	8.5	8.1	7.5	6.9	7.5
El Dorado	4.3	5.2	5.6	5.3	4.8	4.6	5.2
Fresno	10.7	11.6	11.8	10.5	9.1	8.1	8.6
Glenn	8.8	9.7	10.3	9.4	8.5	8.1	8.8
Humboldt	6.0	6.7	6.9	6.5	6.2	5.5	5.8
Imperial	15.9	15.0	15.6	17.1	16.1	15.4	18.0
Inyo	4.5	5.4	5.8	5.4	4.9	4.6	5.0
Kern	8.6	9.8	10.3	9.9	8.5	7.6	8.3
Kings	10.7	11.7	12.0	11.0	9.5	8.5	8.7
Lake	7.1	8.3	9.2	9.1	8.0	7.7	8.5
Lassen	7.3	7.7	7.7	7.6	8.1	7.9	8.2
Los Angeles	5.7	6.8	7.0	6.5	5.3	4.7	5.0
Madera	9.6	10.7	10.4	9.2	8.0	7.0	7.6
Marin	3.5	4.9	4.9	4.4	3.9	3.5	3.7
Mariposa	5.8	6.5	7.0	6.8	6.5	5.7	6.1
Mendocino	6.0	6.7	6.9	6.5	5.8	5.2	5.6
Merced	10.2	11.0	11.6	11.0	10.1	9.5	10.2
Modoc	7.0	7.9	8.8	8.8	8.1	7.8	8.2
Mono	4.7	5.2	5.1	5.1	4.9	4.5	5.0
Monterey	7.9	9.0	9.0	8.4	7.4	7.0	7.3
Napa	3.6	0.0	4.9	4.8	4.4	3.9	4.1
Nevada	4.4	5.3	5.6	5.3	4.8	4.4	4.9
Orange	4.0	5.0	4.8	4.3	3.8	3.4	3.9
Placer	4.0	4.9	5.1	4.8	4.3	4.2	4.9
Plumas	7.7	8.6	10.0	9.9	8.6	7.8	8.7
Riverside	5.5	6.5	6.5	6.0	5.4	5.1	6.2
Sacramento	4.5	5.7	5.9	5.6	5.0	4.8	5.5
San Benito	6.3	8.9	9.9	9.5	8.1	7.2	7.2
San Bernardino	5.1	6.1	6.3	5.8	5.3	4.8	5.6
San Diego	4.2	5.1	5.2	4.7	4.3	4.0	4.6
San Francisco	5.1	6.9	6.8	5.8	5.0	4.2	4.3
San Joaquin	7.5	8.9	9.2	8.8	8.0	7.5	8.2
San Luis Obispo	4.0	4.7	4.7	4.6	4.3	4.0	4.3
San Mateo	3.8	5.7	5.8	4.9	4.3	3.7	3.8
Santa Barbara	4.4	5.2	5.1	4.7	4.4	4.1	4.4
Santa Clara	5.1	8.4	8.4	6.5	5.4	4.5	4.7
Santa Cruz	5.7	7.4	7.8	7.1	6.3	5.7	5.9
Shasta	6.3	7.2	7.6	7.6	7.3	6.6	7.6
Sierra	7.6	8.8	9.5	9.8	8.5	7.6	8.2
Siskiyou	8.1	9.0	9.6	9.5	9.1	8.1	8.6
Solano	4.6	5.8	6.3	5.8	5.4	4.9	5.4
Sonoma	3.7	5.1	5.5	5.0	4.5	4.0	4.4
Stanislaus	8.4	9.7	9.9	9.3	8.5	8.0	8.8
Sutter	9.8	11.1	11.2	10.6	9.7	9.0	9.7
Tehama	6.6	7.2	7.7	7.4	6.9	6.5	7.4
Trinity	9.4	10.2	10.6	11.0	10.4	10.0	10.4
Tulare	11.4	12.0	12.3	11.6	9.5	8.6	9.4
Tuolumne	5.9	6.7	7.1	7.0	6.5	5.8	6.3
Ventura	4.9	5.8	5.8	5.4	4.8	4.3	5.0
Yolo	5.1	6.0	6.4	6.1	5.6	5.2	5.9
Yuba	8.6	9.9	10.8	9.7	9.1	8.8	9.4

Employment Development Department, Labor Market Information Division, (916) 262-2162
http://www.labormarketinfo.edd.ca.gov

TABLE C-3

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS
BY MAJOR INDUSTRY, CALIFORNIA, 1939 TO 2007 a
(In thousands)

Year	Total b/ c/	Mining	Construction d/	Manufacturing	Transportation and utilities	Wholesale trade	Retail trade	Finance, insurance, real estate	Services	Government e/
Standard Industrial Classification System: SIC										
1939	1,812.2	40.0	78.8	384.4	185.1	---504.7---		93.9	274.7	250.3
1940	1,931.8	40.0	92.1	440.2	190.3	---524.2---		98.3	280.4	266.3
1941	2,264.9	40.1	138.5	593.6	213.0	---572.1---		102.4	297.4	307.8
1942	2,689.6	33.8	155.5	876.0	233.8	---588.1---		97.2	321.3	384.1
1943	3,083.6	29.4	140.3	1,165.5	250.8	160.2	435.9	94.9	341.5	465.0
1944	3,116.4	29.9	135.9	1,109.7	268.0	156.3	457.7	93.2	355.2	510.6
1945	2,961.3	30.6	139.0	860.8	279.5	167.6	486.7	97.8	365.7	533.7
1946	2,972.6	33.5	177.7	706.7	295.5	189.2	547.9	116.9	405.0	500.2
1947	3,080.0	34.2	209.0	721.8	312.6	203.5	571.2	125.8	418.9	483.0
1948	3,162.8	35.6	232.7	734.2	317.9	213.3	577.2	132.3	418.7	500.9
1949	3,088.1	34.4	204.4	701.5	306.0	207.7	559.5	134.2	415.6	524.6
1950	3,209.4	32.3	235.0	759.7	307.1	211.7	571.5	142.1	416.8	533.3
1951	3,518.3	35.0	250.9	892.5	327.1	221.8	599.1	150.3	441.7	599.9
1952	3,737.8	35.9	250.6	994.6	336.3	226.6	626.0	157.9	469.0	640.9
1953	3,880.7	37.3	261.5	1,060.8	346.6	234.3	646.8	166.7	480.4	646.4
1954	3,866.1	36.1	255.0	1,048.6	336.5	235.7	641.5	170.4	487.8	654.5
1955	4,082.9	36.8	284.0	1,121.1	347.4	244.4	671.2	180.4	516.5	681.2
1956	4,352.3	37.0	302.3	1,218.0	364.9	259.9	703.2	193.2	549.2	724.6
1957	4,525.2	36.5	287.5	1,283.8	372.8	272.5	714.4	203.7	593.1	760.9
1958	4,498.6	33.4	286.7	1,217.4	353.7	268.8	704.2	212.6	623.2	798.6
1959	4,774.8	32.4	308.4	1,312.6	354.8	282.5	748.3	226.2	677.2	832.4
1960	4,896.0	30.6	294.8	1,317.2	356.9	292.2	775.4	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	296.3	784.3	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	303.3	818.1	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	311.9	857.1	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	320.0	904.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	330.5	939.2	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	345.4	983.9	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	352.7	1,006.0	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	361.8	1,056.3	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	377.0	1,116.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	--- 1,529.3 ---		374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	--- 1,545.2 ---		386.8	1,281.0	1,446.3
1972	7,209.9	29.2	312.4	1,542.7	454.1	409.6	1,199.0	409.3	1,361.0	1,492.7
1973	7,621.9	30.5	333.4	1,660.7	467.0	441.6	1,261.9	431.6	1,470.6	1,524.8
1974	7,834.3	32.7	317.8	1,701.3	470.7	460.6	1,291.4	444.8	1,529.1	1,586.0
1975	7,847.2	33.9	285.9	1,593.7	458.1	465.9	1,320.4	446.4	1,572.4	1,670.6
1976	8,154.2	34.7	301.3	1,659.8	463.9	485.3	1,390.2	468.7	1,654.6	1,695.6
1977	8,599.7	35.6	350.4	1,737.8	476.5	507.5	1,474.9	505.4	1,770.9	1,740.7
1978	9,199.8	37.1	401.9	1,884.6	506.4	534.3	1,591.7	553.2	1,937.4	1,753.1
1979	9,664.6	39.3	448.7	2,012.7	534.7	564.1	1,659.7	595.9	2,074.6	1,735.0
1980	9,848.8	43.5	428.3	2,018.2	546.3	583.7	1,683.2	623.1	2,158.8	1,763.9
1981	9,985.3	49.2	407.6	2,032.3	554.8	590.6	1,710.9	642.9	2,240.5	1,756.4
1982	9,810.3	50.4	349.0	1,957.7	542.8	582.1	1,693.1	642.4	2,257.7	1,735.2
1983	9,917.8	47.7	366.9	1,927.0	531.9	600.7	1,731.1	653.8	2,334.4	1,724.3
1984	10,390.0	47.6	407.4	2,004.1	540.0	634.6	1,838.5	677.8	2,492.7	1,747.4
1985	10,769.8	47.8	435.8	2,024.2	553.5	660.4	1,914.7	697.3	2,643.3	1,792.8
1986	11,085.5	40.7	450.0	2,039.1	568.4	672.3	1,982.5	728.6	2,765.1	1,838.8
1987	11,472.6	37.3	487.2	2,060.1	583.2	688.0	2,067.9	755.1	2,910.2	1,883.7
1988	11,911.5	37.7	529.2	2,096.7	588.4	733.5	2,154.1	773.0	3,064.8	1,934.1
1989	12,238.5	37.3	560.0	2,107.0	598.2	758.2	2,193.9	789.0	3,196.2	1,998.7

	Total b/ c/	Natural Resources and Mining	Construction d/	Manufacturing	Trade, Transportation and Utilities	Information	Financial Activities	Business and Business Services	Educational and Health Services	Leisure and Hospitality	Other Services f/	Government e/
North American Industry Classification System: NAICS												
1990	12,499.8	36.3	644.9	1,964.4	2,421.2	392.0	821.9	1,503.6	1,118.5	1,105.1	417.2	2,074.8
1991	12,358.9	34.6	562.3	1,889.9	2,383.4	395.9	808.2	1,497.9	1,155.3	1,120.6	420.3	2,090.6
1992	12,153.5	31.7	495.5	1,790.5	2,355.8	387.8	788.2	1,495.0	1,183.3	1,115.3	414.7	2,095.6
1993	12,045.4	29.8	459.4	1,697.7	2,340.7	386.7	784.2	1,530.2	1,197.1	1,125.9	413.2	2,080.6
1994	12,159.5	27.1	476.0	1,685.8	2,356.0	396.5	766.9	1,576.3	1,214.4	1,145.8	421.3	2,093.2
1995	12,422.0	26.1	500.5	1,717.5	2,403.6	416.8	738.0	1,655.7	1,241.5	1,183.9	431.5	2,107.0
1996	12,743.4	25.9	517.2	1,774.6	2,456.2	433.9	737.8	1,750.3	1,267.5	1,226.5	440.3	2,113.3
1997	13,129.7	25.9	556.0	1,823.4	2,520.6	462.5	751.4	1,871.2	1,293.9	1,238.1	446.0	2,140.7
1998	13,596.1	27.5	615.5	1,853.8	2,589.4	483.5	785.6	2,017.3	1,332.1	1,264.8	460.7	2,166.1
1999	13,991.8	26.3	684.9	1,826.7	2,650.6	518.3	804.6	2,096.8	1,370.9	1,299.4	474.0	2,239.3
2000	14,488.2	26.5	733.4	1,852.7	2,727.9	576.7	806.9	2,221.8	1,401.0	1,335.6	487.7	2,318.1
2001	14,602.0	25.6	780.4	1,778.6	2,748.8	551.9	836.0	2,186.3	1,447.9	1,365.1	499.2	2,382.1
2002	14,457.8	23.1	774.4	1,631.8	2,725.2	497.3	853.0	2,119.0	1,498.9	1,382.4	505.7	2,447.1
2003	14,392.8	22.2	796.8	1,542.4	2,718.4	476.1	885.7	2,084.4	1,536.3	1,400.1	504.3	2,426.1
2004	14,532.6	22.8	850.4	1,521.3	2,755.6	482.4	902.2	2,096.9	1,560.0	1,439.4	503.9	2,397.7
2005	14,801.3	23.6	905.3	1,502.6	2,822.1	473.6	927.2	2,159.8	1,586.5	1,475.2	505.5	2,420.2
2006	15,060.3	25.1	933.7	1,488.0	2,878.6	466.0	935.2	2,241.5	1,614.0	1,519.0	507.1	2,452.3
2007	15,163.2	25.9	892.3	1,463.2	2,910.9	472.8	906.6	2,263.3	1,664.3	1,553.1	513.6	2,497.4

a/ The historical data based on the Standard Industrial Classification (SIC) system is provided for research purposes only. These data will not be updated. The NAICS and SIC data are not comparable.
b/ Excludes employers, own-account workers, unpaid family workers, domestic servants, and agricultural workers.
c/ Detail may not add to totals due to rounding.
d/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.
e/ Includes civilian employees of Federal, State and local governments regardless of activity in which engaged.
f/ Includes repair and maintenance, personal and laundry services, and religious and civic organizations.

Employment Development Department, Labor Market Information Division, (916) 262-2162, http://www.labormarketinfo.edd.ca.gov

TABLE C-4

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY

CALIFORNIA, 1990 TO 2007

(In thousands)

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total a/ b/	12,499.8	12,358.9	12,153.5	12,045.4	12,159.5	12,422.0	12,743.4	13,129.7	13,596.1	13,991.8	14,488.2	14,602.0	14,457.8	14,392.8	14,532.6	14,801.3	15,060.3	15,163.2
Natural resources & mining	36.3	34.6	31.7	29.8	27.1	26.1	25.9	25.9	27.5	26.3	26.5	25.6	23.1	22.2	22.8	23.6	25.1	25.9
Construction c/	644.9	562.3	495.5	459.4	476.0	500.5	517.2	556.0	615.5	684.9	733.4	780.4	774.4	796.8	850.4	905.3	933.7	892.3
Buildings	167.9	138.4	118.4	107.7	113.3	119.2	120.4	126.5	141.7	157.0	167.3	176.9	176.2	182.5	195.7	212.2	221.8	213.4
Heavy & civil engineering	95.3	83.3	75.3	72.0	69.5	72.0	70.6	72.0	75.5	80.9	85.0	88.7	88.9	84.6	85.2	89.7	92.5	90.7
Specialty trade contractors	381.7	340.7	301.8	279.8	293.2	309.3	326.1	357.5	398.3	447.0	481.1	514.9	509.3	529.7	569.4	603.3	619.3	588.2
Manufacturing	1,964.4	1,889.9	1,790.5	1,697.7	1,685.8	1,717.5	1,774.6	1,823.4	1,853.8	1,826.7	1,852.7	1,778.6	1,631.8	1,542.4	1,521.3	1,502.6	1,488.0	1,463.2
Durable goods	1,322.9	1,246.9	1,158.2	1,083.1	1,061.9	1,080.9	1,128.6	1,170.6	1,202.2	1,179.7	1,205.9	1,161.4	1,047.0	976.4	963.9	956.9	945.4	927.8
Wood products	46.2	40.7	37.2	35.6	37.7	38.4	39.1	41.1	42.8	44.0	44.5	42.5	40.4	39.4	39.3	39.0	37.5	33.5
Nonmetallic mineral products	54.4	47.1	43.1	40.9	41.2	41.6	42.5	44.1	44.9	46.5	48.2	47.8	46.0	45.0	45.7	47.2	47.1	45.0
Primary metal products	35.1	32.4	28.9	27.8	27.7	28.1	29.0	29.6	30.9	30.3	31.0	29.1	26.9	25.2	25.2	25.1	24.9	24.9
Fabricated metal products	154.6	149.0	140.0	135.6	139.6	149.0	157.9	166.8	170.6	167.8	173.7	164.3	147.0	139.3	140.8	140.8	141.9	141.4
Machinery	99.2	96.8	91.6	89.5	90.9	95.8	100.2	105.0	109.1	104.2	108.7	104.9	92.7	86.6	84.0	82.3	79.8	79.8
Computer & electronic products	449.7	437.0	405.7	384.7	373.4	386.0	408.7	421.4	423.1	409.1	421.8	409.7	353.7	320.9	313.4	310.8	308.2	306.4
Electrical equipment & appliance	50.2	46.9	42.0	38.7	37.4	37.4	38.1	39.7	41.9	42.2	44.2	44.5	39.9	35.6	33.7	33.0	32.0	31.9
Transportation equipment	275.6	251.4	229.1	192.8	172.8	160.3	160.7	161.5	166.9	159.2	153.6	145.0	137.6	129.4	130.9	130.3	127.9	123.8
Furniture & related products	73.8	64.4	59.9	57.1	58.5	59.1	62.0	66.9	71.7	75.2	76.9	73.6	68.4	63.5	62.2	60.2	57.1	51.8
Miscellaneous manufacturing	84.2	81.3	80.6	80.5	82.7	85.2	90.4	94.5	100.4	101.2	103.5	100.0	94.4	91.4	88.7	88.3	89.1	89.2
Nondurable goods	641.5	643.0	632.4	614.6	623.9	636.6	646.0	652.8	651.6	647.0	646.8	617.2	584.9	566.0	557.4	545.7	542.6	535.4
Food	174.2	171.2	167.9	161.3	160.8	158.7	159.6	160.6	158.6	157.5	157.5	158.2	156.2	156.3	154.9	153.5	151.1	152.1
Beverage & tobacco product	28.1	28.3	28.3	28.8	28.0	27.7	29.3	30.3	31.2	32.0	33.1	34.9	35.3	35.8	37.0	37.9	42.1	42.9
Textile mills	11.2	11.9	12.3	13.0	14.4	14.9	15.4	16.7	17.1	17.8	17.9	15.6	14.7	13.2	13.5	13.5	12.4	11.5
Textile product mills	17.8	16.4	15.9	15.9	17.3	18.3	19.1	20.2	20.1	19.5	19.7	18.5	17.5	17.0	16.0	14.8	14.0	13.3
Apparel	116.9	121.9	121.6	116.2	124.1	134.1	137.9	134.2	129.7	125.2	122.9	106.1	96.0	91.5	87.5	81.0	77.8	75.3
Leather & allied products	7.8	7.8	7.6	7.5	8.9	8.3	7.8	8.0	7.7	7.1	7.0	6.3	5.5	4.9	4.4	4.1	4.0	4.0
Paper	37.8	37.4	36.8	36.1	36.0	36.0	36.3	37.0	37.1	36.2	35.5	33.5	31.5	29.7	28.2	28.1	27.7	27.1
Printing & related support activities	87.8	86.7	83.5	80.4	79.1	80.4	80.2	81.9	83.3	82.9	81.8	77.0	69.4	64.0	62.3	59.9	59.4	58.3
Petroleum & coal products	26.0	26.6	24.7	21.0	19.7	18.9	18.1	17.8	18.5	17.4	16.3	15.9	15.4	15.5	15.1	14.4	14.6	15.5
Chemical	68.6	70.6	72.0	71.8	70.4	71.1	74.0	76.5	77.1	79.5	81.8	81.9	79.8	78.7	80.8	82.1	84.0	82.1
Plastics & rubber products	65.5	64.4	61.9	62.8	65.4	68.1	68.4	69.6	71.1	72.0	73.2	69.3	63.5	59.5	57.7	56.6	55.5	53.4
Trade, transportation, & utilities	2,421.2	2,383.4	2,355.8	2,340.7	2,356.0	2,403.6	2,456.2	2,520.6	2,589.4	2,650.6	2,727.9	2,748.8	2,725.2	2,718.4	2,755.6	2,822.1	2,878.6	2,910.9
Wholesale trade	550.6	554.2	546.3	541.6	546.1	557.8	575.4	596.5	615.0	629.3	646.2	658.9	652.1	649.5	655.1	675.8	702.5	716.9
Retail trade	1,445.2	1,390.6	1,371.2	1,357.7	1,361.8	1,385.3	1,411.2	1,445.1	1,476.7	1,512.4	1,563.4	1,575.9	1,582.2	1,588.4	1,617.8	1,659.3	1,680.1	1,688.8
Transportation & warehousing	360.3	372.2	371.0	375.5	385.6	403.1	413.6	422.8	439.9	451.8	462.2	459.3	436.2	425.2	426.7	431.4	439.8	447.4
Utilities	65.2	66.5	67.3	65.9	62.5	57.5	56.0	56.3	57.8	57.1	56.1	54.8	54.8	55.4	56.1	55.7	56.3	57.8

TABLE C-4 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY

CALIFORNIA, 1990 TO 2007

(In thousands)

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Information	392.0	395.9	387.8	386.7	396.5	416.8	433.9	462.5	483.5	518.3	576.7	551.9	497.3	476.1	482.4	473.6	466.0	472.8
Publishing (except internet)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	98.9	99.0
Motion picture & sound recording	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	148.1	151.2
Broadcasting (except internet)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	47.7	49.6
Telecommunications	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	113.9	121.3
Internet service providers, web porta & data processing	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	20.9	21.4
Other information services	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	36.5	30.2
Financial activities	821.9	808.2	788.2	784.2	766.9	738.0	737.8	751.4	785.6	804.6	806.9	836.0	853.0	885.7	902.2	927.2	935.2	906.6
Finance & insurance	575.7	562.0	549.6	547.1	527.9	499.3	497.1	505.3	531.7	543.9	544.3	568.9	584.8	613.5	625.8	643.5	646.7	623.5
Real estate & rental & leasing	246.2	246.2	238.6	237.1	239.0	238.7	240.7	246.1	254.0	260.7	262.6	267.2	268.2	272.2	276.4	283.6	288.5	283.1
Professional & business services	1,503.6	1,497.9	1,495.0	1,530.2	1,576.3	1,655.7	1,750.3	1,871.2	2,017.3	2,096.8	2,221.8	2,186.3	2,119.0	2,084.4	2,096.9	2,159.8	2,241.5	2,263.3
Professional, scientific, & technical	690.7	709.5	686.0	680.0	683.8	703.9	725.8	764.1	810.7	857.0	930.6	945.6	913.8	906.6	918.9	970.2	1,026.5	1,058.5
Mgmt., of companies & enterprises	179.3	190.5	204.5	213.9	219.9	226.1	236.6	267.3	289.0	297.1	294.0	283.6	265.9	246.8	230.3	221.2	211.6	205.4
Admin. & support & waste services	633.7	597.9	604.6	636.2	672.7	725.6	787.9	839.8	917.6	942.8	997.2	957.1	939.3	931.0	947.8	968.3	1,003.3	999.5
Educational & health services	1,118.5	1,155.3	1,183.3	1,197.1	1,214.4	1,241.5	1,267.5	1,293.9	1,332.1	1,370.9	1,401.0	1,447.9	1,498.9	1,536.3	1,560.0	1,586.5	1,614.0	1,664.3
Educational	184.6	177.0	174.5	173.7	178.4	186.5	194.0	199.1	210.2	219.5	229.7	237.3	245.5	258.2	262.9	272.2	277.6	288.5
Health care & social assistance	934.0	978.3	1,008.8	1,023.4	1,036.0	1,055.0	1,073.5	1,094.8	1,121.9	1,151.3	1,171.3	1,210.7	1,253.4	1,278.1	1,297.1	1,314.3	1,336.4	1,375.7
Leisure & hospitality	1,105.1	1,120.6	1,115.3	1,125.9	1,145.8	1,183.9	1,226.5	1,238.1	1,264.8	1,299.4	1,335.6	1,365.1	1,382.4	1,400.1	1,439.4	1,475.2	1,519.0	1,553.1
Arts, entertainment, & recreation	187.5	182.9	177.1	180.6	181.8	189.0	195.1	198.8	204.9	214.5	216.5	222.8	229.8	232.4	237.0	239.0	245.2	250.0
Accommodation & food service	917.5	937.6	938.2	945.3	964.0	994.9	1,031.5	1,039.3	1,059.8	1,084.9	1,119.1	1,142.4	1,152.6	1,167.7	1,202.4	1,236.2	1,273.8	1,303.1
Other services	417.2	420.3	414.7	413.2	421.3	431.5	440.3	446.0	460.7	474.0	487.7	499.2	505.7	504.3	503.9	505.5	507.1	513.6
Repair & maintenance	135.7	135.0	130.6	128.1	130.8	136.9	143.1	145.8	149.9	154.4	158.6	160.9	160.5	157.6	158.3	160.5	159.2	159.3
Personal & laundry service	119.6	120.9	118.7	116.5	114.3	116.9	119.9	121.6	125.1	128.1	131.2	133.7	135.2	135.0	135.6	138.2	140.6	142.9
Religious, grants, civic, professional & like	161.9	164.4	165.3	168.6	176.3	177.7	177.4	178.6	185.7	191.5	197.9	204.7	209.9	211.7	210.0	206.8	207.3	211.4
Government d/	2,074.8	2,090.6	2,095.6	2,080.6	2,093.2	2,107.0	2,113.3	2,140.7	2,166.1	2,239.3	2,318.1	2,382.1	2,447.1	2,426.1	2,397.7	2,420.2	2,452.3	2,497.4
Federal	362.1	347.5	345.9	336.2	324.9	311.9	295.9	284.6	272.5	270.1	272.9	254.3	253.8	255.4	251.0	250.4	248.6	246.8
State & local e/	1,712.7	1,743.1	1,749.7	1,744.4	1,768.3	1,795.1	1,817.5	1,856.1	1,893.6	1,969.3	2,045.2	2,127.7	2,193.3	2,170.7	2,146.7	2,169.8	2,203.6	2,250.6

a/ Excludes employers, own-account workers, unpaid family workers, domestic servants & agricultural workers.
b/ Detail may not add to totals due to rounding.
c/ Includes employees of construction contractors & operative builders; does not include force-account & government construction workers.
d/ Includes civilian employees of Federal, State & local governments regardless of activity in which engaged.
e/ Includes all employees of State & local public schools.
n/a Not available

Note: Beginning in 1990, industry employment are based on the new North American Industry Classification System (NAICS). Data prior to 1990 are based on the Standard Industrial Classification (SIC) system. As a result, some industry titles will be different from those published in past years. The NAICS & SIC data are not comparable.

Employment Development Department, Labor Market Information Division, (916) 262-2162, http://www.labormarketinfo.edd.ca.gov

TABLE C-5

EMPLOYEES IN CALIFORNIA STATE GOVERNMENT a/
1975-76 TO 2006-07

Fiscal year	Total b/	Civil Service	State Colleges	University of California	Other
1975-76	206,361	119,866	32,384	52,356	1,786
1976-77	213,795	121,676	32,997	56,984	2,140
1977-78	221,251	126,873	33,778	58,168	2,432
1978-79	218,530	126,282	33,470	56,267	2,512
1979-80	220,193	128,202	33,089	56,332	2,569
1980-81	225,567	131,708	33,953	57,228	2,763
1981-82	228,813	132,503	33,838	59,451	3,021
1982-83	228,489	131,914	33,875	59,624	2,872
1983-84	226,695	131,026	33,407	59,009	3,047
1984-85	229,845	136,974	32,462	57,902	3,207
1985-86	229,641	137,777	32,219	57,652	3,220
1986-87	232,927	137,693	33,660	58,294	3,280
1987-88	237,761	144,244	32,984	56,627	3,905
1988-89	248,173	152,446	35,466	57,589	2,672
1989-90	254,589	156,478	36,630	58,701	2,780
1990-91	260,622	163,939	34,931	58,901	2,851
1991-92	261,713	166,742	34,308	57,800	2,864
1992-93	260,939	167,472	35,010	55,682	2,775
1993-94	265,035	171,392	36,474	54,417	2,753
1994-95	269,004	174,911	36,846	54,379	2,868
1995-96	271,076	175,622	36,949	55,766	2,739
1996-97	271,966	176,694	36,030	56,272	2,969
1997-98	264,551	171,045	35,744	54,791	2,970
1998-99	282,860	182,402	38,814	58,513	3,130
1999-00	296,076	189,309	41,548	62,073	3,146
2000-01	311,239	196,352	42,067	69,542	3,278
2001-02	323,603	201,393	44,865	73,639	3,706
2002-03	321,394	199,310	43,108	75,181	3,795
2003-04	316,860	194,466	44,493	74,279	3,622
2004-05	313,684	193,795	42,599	73,374	3,916
2005-06	317,593	195,358	43,360	75,401	3,474
2006-07	335,384	199,560	45,380	86,300	4,144

a/ The Department of Finance tracks Personnel Years, which are the actual or estimated portions of positions expended for the performance of work. The number of Personnel Years is roughly equal to the number of full-time equivalent employees.
b/ Detail may not add to total due to rounding.

Department of Finance
Economic Research Unit
(916) 322-2263
http://www.dof.ca.gov/

TABLE C-6

AVERAGE MONTHLY EMPLOYMENT
COVERED BY THE UNEMPLOYMENT INSURANCE CODE, BY INDUSTRY
CALIFORNIA, 2005 a/

Industry	2005
All industries	15,004,390
Private industry	12,648,057
Agriculture, forestry, fishing, and hunting	380,670
Mining	22,094
Utilities	55,755
Construction	901,171
Manufacturing	1,498,724
Wholesale trade	672,037
Retail trade	1,652,248
Transportation and warehousing	413,935
Information	470,239
Finance and insurance	641,070
Real estate and rental and leasing	284,166
Professional, scientific, and technical skills	960,096
Management of companies and enterprises	223,259
Administrative and support and waste management and remediation	959,886
Educational services	240,259
Health care and social assistance	1,299,163
Arts, entertainment, and recreation	237,093
Accommodation and food services	1,227,678
Other services	440,353
Non-classified	68,161
Federal, state, and local government	2,356,333

a/ Employers not engaged in an exempt activity and who have one or more persons in their employ and pay wages in excess of $100 during a calendar quarter are subject to Code. Exempt employment includes interstate railroads; self-employed; some Federal, State and local government; and some domestic workers in private homes. Exempt workers may be insured under the Code if the employer elects coverage.

Note: Detail may not add to total because of rounding.

Employment Development Department
Labor Market Information Division
(916) 262-2162
http://www.labormarketinfo.edd.ca.gov

TABLE C-7

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bakersfield (Kern)																		
Total Nonfarm	170.7	177.3	173.3	169.9	170.8	172.8	174.9	179.2	184.3	188.8	194.1	202.2	205.1	207.1	211.8	222.1	233.3	238.8
Total Private	126.7	131.7	127.8	124.2	124.1	125.4	127.6	131.0	135.4	138.6	142.5	148.6	149.9	152.6	157.7	166.3	175.7	178.8
Goods Producing	33.7	34.2	30.8	29.1	28.4	28.6	28.7	29.4	29.1	28.6	30.6	32.7	32.8	34.2	36.3	39.1	42.3	41.6
Natural Resources & Mining	11.9	11.9	10.8	10.2	10.1	10.0	9.9	9.9	8.6	7.3	8.2	8.6	7.9	8.0	8.1	8.5	9.4	9.8
Residual-Mining, except Oil & Gas	1.3	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.2	1.1	1.0	0.9	1.0	1.0	1.0	1.0
Residual-Oil & Gas Extraction, Well Drilling & S	10.6	10.7	9.7	9.2	9.1	9.0	8.8	8.8	7.6	6.3	7.0	7.5	6.9	7.1	7.2	7.5	8.4	8.8
Construction	12.0	12.0	9.8	9.2	8.9	9.1	9.0	9.4	10.0	10.7	11.6	13.0	13.3	13.6	15.4	18.2	20.0	18.6
Manufacturing	9.8	10.3	10.2	9.7	9.4	9.5	9.9	10.2	10.5	10.7	10.8	11.1	11.6	12.6	12.7	12.4	13.0	13.3
Durable Goods	5.6	5.8	5.6	5.1	4.8	4.8	5.0	5.3	5.4	5.5	5.5	5.5	5.4	5.6	5.6	5.3	5.5	5.7
Nondurable Goods	4.2	4.5	4.6	4.6	4.5	4.7	4.9	4.9	5.1	5.2	5.3	5.6	6.1	7.0	7.1	7.2	7.5	7.5
Food Manufacturing	2.6	2.7	2.7	2.7	2.6	2.8	3.1	3.1	3.1	3.2	3.4	3.5	4.0	4.7	4.6	4.7	4.9	4.9
Residual-Beverage & Tobacco Product Mfg	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.7	2.0	2.0	2.0	2.1	2.1	2.3	2.5	2.5	2.6	2.6
Service Providing	137.0	143.1	142.5	140.8	142.5	144.2	146.1	149.8	155.1	160.2	163.5	169.6	172.3	172.9	175.5	183.0	191.0	197.2
Private Service Producing	93.0	97.5	97.0	95.1	95.7	96.8	98.8	101.6	106.3	109.9	111.9	116.0	117.1	118.4	121.4	127.2	133.3	137.2
Trade, Transportation & Utilities	34.7	35.4	34.6	34.5	33.9	34.2	34.6	35.5	35.8	36.5	37.2	38.4	39.0	39.7	41.1	43.6	46.2	46.6
Wholesale Trade	6.3	6.2	5.9	5.8	5.8	5.6	5.6	5.9	5.6	5.5	5.7	5.9	6.1	6.2	6.5	6.8	7.6	8.1
Retail Trade	22.9	23.0	22.3	21.9	21.7	21.9	22.0	22.3	22.5	22.9	23.2	24.2	24.6	24.8	25.8	27.6	29.3	29.0
Food & Beverage Stores	5.6	5.1	4.7	4.6	4.8	4.7	4.7	4.8	4.8	5.0	4.9	5.2	5.2	5.2	5.5	5.6	5.9	5.9
Clothing & Clothing Accessories Stores	1.9	1.6	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.7	1.8
General Merchandise Stores	5.3	4.7	4.7	4.6	4.7	4.6	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.9	5.5	5.8	5.7
Department Stores	4.2	3.5	3.8	3.8	3.9	4.0	3.8	3.9	3.9	3.7	3.7	3.7	3.7	3.7	3.8	4.5	4.8	4.6
Other General Merchandise Stores	1.1	1.1	0.9	0.9	0.7	0.6	0.6	0.5	0.5	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1
Residual-Miscellaneous Store Retailers	10.1	11.7	11.5	11.3	11.0	11.3	11.7	11.9	12.1	12.3	12.6	13.2	13.5	13.5	14.1	15.0	15.8	15.6
Transportation, Warehousing & Utilities	5.5	6.1	6.4	6.7	6.4	6.7	7.0	7.2	7.8	8.2	8.4	8.3	8.3	8.7	8.8	9.2	9.4	9.5
Information	3.4	3.6	3.4	3.3	3.1	2.9	2.3	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.8
Financial Activities	6.7	7.1	6.7	6.2	6.2	6.3	6.8	6.8	7.6	7.7	7.6	7.8	8.0	8.3	8.6	8.7	9.0	9.1
Finance & Insurance	5.1	5.2	5.1	5.0	5.0	4.8	4.6	4.7	4.9	5.0	4.9	4.9	5.1	5.4	5.5	5.7	5.7	5.7
Real Estate & Rental & Leasing	1.6	1.8	1.6	1.2	1.2	1.5	2.2	2.2	2.7	2.7	2.7	2.8	2.9	2.9	3.1	3.1	3.2	3.4
Professional & Business Services	16.9	17.3	17.2	16.5	17.0	17.2	17.7	19.1	20.9	21.9	22.2	23.0	22.4	21.7	21.7	23.0	25.0	26.3
Professional, Scientific & Technical Services	6.9	8.0	8.2	7.2	7.1	7.0	6.6	6.4	6.9	6.8	6.9	8.5	8.4	8.8	9.2	9.2	9.7	10.0
Management of Companies & Enterprises	3.0	3.1	3.3	2.9	3.2	3.4	3.8	4.0	4.3	5.0	5.0	5.0	4.0	2.7	2.4	2.5	2.6	2.6
Administrative & Support & Waste Services	7.0	6.1	5.7	6.4	6.8	6.8	7.2	8.6	9.7	10.2	10.4	9.5	10.0	10.2	10.1	11.3	12.7	13.7
Employment Services	2.5	1.9	1.5	2.2	2.5	2.7	3.0	4.1	3.9	4.1	4.5	3.7	4.0	4.1	4.1	5.0	5.8	5.9
Residual-Waste Management & Remediation S	4.5	4.3	4.2	4.2	4.2	4.2	4.2	4.6	5.8	6.0	5.9	5.8	5.9	6.1	6.0	6.3	7.0	7.8
Educational & Health Services	13.0	14.4	15.5	15.2	15.2	15.6	15.9	16.2	17.1	18.1	19.2	20.2	20.7	21.3	21.6	22.2	23.0	24.4
Educational Services	0.7	0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.1	1.0	1.2	1.1	1.3	1.6	1.6	1.6	1.7	1.8
Health Care & Social Assistance	12.3	13.7	14.7	14.3	14.4	14.7	14.9	15.2	16.0	17.1	18.0	19.1	19.5	19.7	20.0	20.6	21.3	22.6
Ambulatory Health Care Services	4.9	5.7	6.2	6.0	6.1	6.2	6.5	6.4	6.8	7.1	7.6	8.2	8.5	8.8	9.2	9.5	9.9	10.2
Hospitals	4.4	4.8	5.1	4.8	4.6	4.7	4.9	5.1	5.0	5.2	5.2	4.8	4.7	4.8	4.8	4.8	4.9	5.4
Social Assistance	3.0	3.2	3.4	3.5	3.8	3.8	3.5	3.7	4.3	4.8	5.3	6.2	6.3	6.1	6.0	6.3	6.4	7.0
Leisure & Hospitality	13.2	14.4	14.4	14.3	15.0	15.2	15.7	15.5	15.9	16.5	16.5	17.2	17.6	18.0	19.0	20.1	20.7	21.3
Arts, Entertainment, & Recreation	1.4	1.5	1.4	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.8	1.8	2.0	2.1	2.3	2.3
Accommodation & Food Service	11.7	13.0	13.0	12.8	13.4	13.7	14.1	13.8	14.1	14.8	14.8	15.4	15.8	16.2	17.0	18.0	18.4	18.9
Accommodation	1.6	1.8	1.7	1.6	1.6	1.6	1.5	1.4	1.6	1.6	1.6	1.7	1.8	1.9	1.9	1.9	2.0	2.0
Food Services & Drinking Places	10.1	11.2	11.3	11.2	11.8	12.0	12.6	12.4	12.5	13.2	13.2	13.7	14.0	14.3	15.1	16.1	16.4	17.0
Limited-Service Eating Places	5.6	6.6	6.5	6.1	6.2	6.5	6.8	7.4	7.4	7.7	7.8	8.1	8.1	8.1	8.7	9.5	9.7	9.9
Residual-Full-Service Restaurants	4.6	4.6	4.8	5.1	5.6	5.6	5.8	5.0	5.1	5.4	5.4	5.7	5.8	6.2	6.4	6.5	6.7	7.1
Other Services	5.1	5.3	5.3	5.1	5.2	5.5	5.8	6.1	6.6	6.8	6.7	6.8	6.9	6.9	7.0	7.1	6.8	6.8
Government	44.0	45.6	45.5	45.7	46.7	47.3	47.3	48.2	48.8	50.3	51.6	53.6	55.2	54.5	54.0	55.8	57.7	60.0
Federal Government	12.5	12.2	12.0	11.6	11.5	11.3	10.6	10.2	9.7	9.8	9.7	9.4	9.6	9.8	9.5	9.3	9.4	9.6
Department of Defense	8.6	8.5	8.4	8.2	8.1	7.9	7.4	7.1	6.6	6.3	6.1	6.0	6.2	6.4	6.3	6.2	6.4	6.5
Other Federal Government	-	-	-	-	-	-	-	-	-	-	-	3.4	3.4	3.4	3.3	3.1	3.0	3.0
State & Local Government	31.5	33.3	33.6	34.1	35.2	36.1	36.7	38.0	39.1	40.5	42.0	44.2	45.6	44.8	44.5	46.5	48.3	50.4
State Government	4.0	4.5	4.8	5.2	5.7	5.9	6.2	6.3	6.5	6.7	6.9	7.0	7.1	7.3	7.2	7.8	8.9	9.5
State Government Education	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.3	1.2	1.3	1.4	1.4
Other State Government	-	-	-	-	-	-	-	-	-	-	-	5.7	5.8	5.9	5.9	6.5	7.5	8.1
Local Government	27.6	28.8	28.8	28.9	29.5	30.2	30.5	31.8	32.6	33.9	35.1	37.2	38.5	37.5	37.3	38.7	39.4	40.9
Local Government Education	16.7	17.3	17.4	17.7	18.2	18.7	19.1	20.3	20.9	22.0	22.7	23.9	24.9	24.1	24.4	25.2	25.5	25.6
County	7.3	7.7	7.5	7.3	7.6	7.7	7.5	7.6	7.7	8.0	8.5	9.2	9.3	9.0	8.7	9.0	9.4	10.4
City	1.9	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.3	2.3	2.2	2.4	2.5	2.6
Other Local Government	1.6	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.8	1.9	2.0	2.1	2.0	2.1	2.1	2.3
Chico MSA																		
Total Nonfarm	57.5	58.4	58.7	58.5	60.1	61.3	62.9	64.5	66.5	68.6	69.9	71.4	72.2	72.7	71.8	73.4	75.6	76.4
Total Private	44.5	45.2	45.6	45.4	46.8	47.8	48.9	50.4	51.9	53.4	53.2	54.8	55.3	55.7	55.7	56.8	58.1	58.0
Goods Producing	9.2	8.3	7.2	6.6	7.0	6.6	6.8	7.2	7.5	7.7	7.8	7.4	7.0	7.4	7.8	8.2	8.2	8.1
Natural Resources, Mining & Construction	3.5	3.1	2.6	2.3	2.4	2.2	2.4	2.3	2.5	2.8	2.7	2.9	3.1	3.4	3.8	4.1	4.2	3.9
Manufacturing	5.8	5.1	4.6	4.3	4.6	4.4	4.4	4.9	5.1	4.9	5.1	4.5	3.9	4.0	4.0	4.0	4.0	4.2
Durable Goods	4.0	3.4	2.9	2.6	3.0	2.9	2.6	3.0	3.3	3.1	3.2	2.7	2.2	2.2	2.2	2.1	2.2	2.3
Nondurable Goods	1.8	1.8	1.8	1.7	1.7	1.5	1.8	1.8	1.8	1.8	2.0	1.8	1.8	1.8	1.8	1.9	1.9	1.9
Service Providing	48.3	50.1	51.5	51.9	53.1	54.7	56.1	57.3	59.0	60.9	62.0	64.0	65.2	65.2	64.0	65.2	67.4	68.3
Private Service Producing	35.2	36.9	38.4	38.8	39.8	41.1	42.1	43.3	44.4	45.7	45.4	47.4	48.2	48.3	47.9	48.7	49.9	50.0
Trade, Transportation & Utilities	12.1	12.3	12.6	12.2	12.4	12.5	12.9	13.3	13.3	13.5	13.2	13.6	14.1	14.2	13.9	14.1	14.5	14.3
Wholesale Trade	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.7	1.8	1.6	1.7	1.8	1.9	1.8	1.9	2.1
Retail Trade	8.9	8.7	9.0	8.6	8.8	8.9	9.3	9.6	9.4	9.6	9.5	9.9	10.3	10.2	10.1	10.5	10.6	10.3
Food & Beverage Stores	1.9	1.9	1.7	1.5	1.6	1.7	2.3	2.3	1.9	2.1	2.2	2.4	2.4	2.2	2.1	2.1	2.1	1.9
General Merchandise Stores	1.9	2.0	2.2	2.2	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.9	2.0	2.1
Residual-Miscellaneous Store Retailers	5.1	4.8	5.1	4.9	5.2	5.2	5.1	5.4	5.7	5.8	5.5	5.7	6.2	6.2	6.1	6.4	6.5	6.3
Transportation, Warehousing & Utilities	1.8	2.1	2.1	2.1	2.0	2.0	1.9	2.1	2.2	2.2	2.0	2.1	2.2	2.2	1.8	1.8	1.9	2.0

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Information	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.2
Financial Activities	3.2	3.1	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.4	3.6	3.9	4.2	4.3	4.1	4.1	4.2	4.3
Finance & Insurance	2.1	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.5	1.8	1.9	2.2	2.4	2.5	2.4	2.5	2.7	2.8
Real Estate & Rental & Leasing	1.1	1.2	1.3	1.4	1.3	1.4	1.4	1.4	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.7	1.5	1.4
Professional & Business Services	3.9	4.2	4.0	4.0	4.3	4.5	4.8	5.3	5.9	6.2	6.3	6.4	6.2	5.6	5.5	5.6	5.8	5.6
Educational & Health Services	6.8	8.1	9.3	10.2	10.3	10.5	10.2	10.7	10.7	10.8	10.9	11.3	11.7	12.2	12.4	12.7	12.9	13.1
Educational Services	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.6	0.5	0.5
Health Care & Social Assistance	6.6	7.9	9.1	10.0	10.1	10.3	9.9	10.4	10.3	10.3	10.4	10.9	11.3	11.7	11.8	12.1	12.4	12.5
Leisure & Hospitality	5.7	6.0	5.9	5.8	6.1	6.5	7.0	6.6	6.5	6.8	7.2	7.3	7.1	6.9	6.9	7.3	7.7	7.9
Food Services & Drinking Places	4.8	5.2	5.2	5.0	5.3	5.6	6.1	5.7	5.6	5.7	6.2	6.2	6.0	5.8	5.9	6.3	6.6	6.8
Residual-Arts, Entertainment, & Recreation	0.9	0.8	0.7	0.8	0.8	0.9	0.9	1.0	0.9	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.1	1.2
Other Services	2.2	2.0	2.2	2.2	2.5	2.7	2.9	3.0	3.5	3.8	3.3	3.6	3.7	3.7	3.7	3.6	3.6	3.5
Government	13.1	13.2	13.1	13.1	13.3	13.6	14.0	14.0	14.6	15.1	16.3	16.6	16.9	17.0	16.1	16.6	17.5	18.3
Federal Government	0.5	0.6	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.5
State & Local Government	12.5	12.6	12.5	12.6	12.7	13.0	13.4	13.5	14.1	14.5	15.7	16.1	16.4	16.4	15.6	16.0	17.0	17.8
State Government	-	-	3.4	3.6	3.5	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1	3.9	3.6	3.6	3.7	3.8
State Government Education	-	-	2.6	2.7	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.0	2.8	2.8	2.9	2.9
Other State Government	-	-	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9
Local Government	-	-	9.1	9.0	9.3	9.5	9.9	9.8	10.3	10.7	11.7	12.0	12.3	12.5	12.0	12.4	13.3	14.0
El Centro MSA																		
Total Nonfarm	29.9	30.8	32.1	33.5	34.6	34.0	34.1	34.9	35.4	36.6	38.1	38.7	40.7	41.1	40.9	42.5	44.7	45.9
Total Private	20.4	21.6	21.3	21.8	21.8	20.8	20.6	21.0	21.0	21.8	22.7	22.6	24.0	24.2	24.4	25.7	27.3	27.8
Goods Producing	3.7	3.9	3.7	3.6	3.4	3.1	3.2	3.0	3.1	3.3	3.6	3.5	4.3	4.1	4.1	4.2	4.5	4.5
Natural Resources, Mining & Construction	2.1	2.2	2.1	1.9	1.7	1.4	1.6	1.4	1.4	1.7	2.0	1.7	1.7	1.6	1.8	1.9	2.0	1.9
Manufacturing	1.6	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.6	1.6	1.8	2.5	2.5	2.4	2.3	2.6	2.6
Durable Goods	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Nondurable Goods	1.0	1.0	0.9	1.0	1.0	0.9	0.9	0.8	0.9	0.8	0.7	1.0	1.6	1.6	1.5	1.5	1.7	1.8
Service Providing	26.2	26.9	28.4	29.9	31.2	30.9	30.9	32.0	32.3	33.3	34.5	35.1	36.4	37.0	36.8	38.2	40.2	41.4
Private Service Producing	16.7	17.7	17.6	18.2	18.4	17.7	17.4	18.0	18.0	18.5	19.1	19.1	19.8	20.1	20.2	21.4	22.8	23.2
Trade, Transportation & Utilities	8.0	8.3	8.5	8.6	8.8	8.1	8.0	8.4	8.4	8.9	9.4	9.6	9.6	10.0	10.1	10.8	11.2	11.1
Wholesale Trade	1.8	1.8	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.6	1.9
Retail Trade	5.4	5.7	6.1	6.1	6.2	5.4	5.2	5.4	5.5	5.9	6.2	6.1	6.2	6.5	6.7	7.3	7.7	7.5
Food & Beverage Stores	1.5	1.4	1.5	1.3	1.5	1.3	1.2	1.2	1.2	1.4	1.5	1.4	1.4	1.5	1.4	1.3	1.3	1.2
General Merchandise Stores	1.0	1.2	1.6	1.8	1.9	1.7	1.5	1.5	1.6	1.7	1.7	1.7	1.6	1.7	1.8	2.3	2.6	2.5
Residual-Miscellaneous Store Retailers	2.8	3.0	3.0	2.9	2.8	2.4	2.5	2.7	2.7	2.9	3.0	3.0	3.2	3.3	3.4	3.6	3.8	3.8
Transportation, Warehousing & Utilities	0.8	0.8	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.9	1.8	1.8	1.8	1.7
Information	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Financial Activities	1.2	1.2	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4
Finance & Insurance	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
Real Estate & Rental & Leasing	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Professional & Business Services	1.9	2.4	2.3	2.4	2.4	2.3	2.1	2.2	2.1	1.8	1.9	1.7	2.1	2.2	2.1	2.2	2.6	2.7
Educational & Health Services	1.7	1.7	1.8	1.9	1.9	1.9	2.1	2.2	2.2	2.3	2.2	2.3	2.4	2.5	2.5	2.8	2.9	2.9
Leisure & Hospitality	2.7	2.9	2.6	2.9	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.9	2.7	2.9	3.1	3.3	3.5
Food Services & Drinking Places	1.8	2.2	2.0	2.2	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.4	2.7	2.9	3.0
Residual-Arts, Entertainment, & Recreation	0.9	0.7	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.4	0.4	0.5
Other Services	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	1.0	1.0	1.0	0.9	1.0	1.1	1.2
Government	9.5	9.1	10.8	11.7	12.8	13.3	13.5	14.0	14.4	14.8	15.5	16.1	16.7	16.9	16.5	16.8	17.4	18.2
Federal Government	1.1	1.1	1.2	1.2	1.2	1.2	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	1.9	1.9	2.1
State & Local Government	8.4	8.1	9.6	10.5	11.6	12.0	12.1	12.5	12.8	13.1	13.7	14.3	14.8	14.9	14.5	14.9	15.5	16.1
State Government	-	-	1.1	1.4	2.2	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.8
Local Government	-	-	8.5	9.1	9.4	9.6	9.6	9.8	10.2	10.4	10.9	11.6	12.1	12.2	11.8	12.2	12.9	13.4
Fresno MSA																		
Total Nonfarm	224.5	227.3	230.2	233.6	237.2	243.5	246.8	249.8	253.5	262.0	270.6	275.9	282.0	282.7	286.9	294.3	302.6	306.0
Total Private	173.8	175.3	177.8	180.1	182.3	185.9	188.6	191.6	194.4	200.2	205.5	208.4	212.8	215.1	220.3	227.3	235.0	237.3
Goods Producing	39.8	38.9	36.3	36.1	36.5	37.1	37.4	38.9	40.7	42.1	43.1	43.5	44.0	45.4	47.7	49.0	50.9	49.1
Natural Resources & Mining	0.7	0.7	0.7	0.5	0.5	0.6	0.5	0.5	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Construction	14.7	14.1	12.3	12.1	11.9	11.8	11.8	11.9	13.3	14.7	15.1	15.9	16.9	18.1	19.9	21.6	23.2	21.2
Building, Develop & Gen Cont & Hvy Const	5.5	5.0	4.3	4.4	4.1	4.0	4.0	4.0	4.6	5.1	5.1	5.5	5.6	6.1	6.8	7.3	7.8	7.6
Specialty Trade Contractors	9.2	9.1	8.0	7.7	7.9	7.8	7.8	7.9	8.7	9.6	10.1	10.4	11.3	12.0	13.2	14.3	15.4	13.7
Manufacturing	24.3	24.2	23.4	23.5	24.1	24.7	25.1	26.5	27.0	27.1	27.6	27.2	26.9	27.1	27.5	27.2	27.5	27.8
Durable Goods	10.4	9.6	9.6	9.9	9.8	9.9	10.4	11.0	11.7	12.0	12.3	11.7	10.7	10.0	10.2	10.3	10.8	10.8
Nondurable Goods	13.9	14.5	13.7	13.6	14.3	14.8	14.7	15.5	15.4	15.1	15.3	15.5	16.2	17.1	17.3	16.8	16.7	17.0
Food Manufacturing	9.1	9.7	8.9	9.4	9.9	10.6	10.3	11.0	11.0	11.0	11.3	11.5	11.8	12.8	13.2	12.4	12.3	12.4
Residual-Beverage & Tobacco Product Mfg	4.8	4.8	4.9	4.2	4.4	4.2	4.4	4.5	4.4	4.1	4.0	4.0	4.3	4.3	4.1	4.4	4.5	4.6
Service Providing	184.8	188.4	193.9	197.5	200.7	206.5	209.4	210.9	212.9	219.9	227.5	232.4	238.0	237.3	239.3	245.4	251.8	256.8
Private Service Producing	134.0	136.4	141.6	144.0	145.8	148.8	151.2	152.7	153.8	158.1	162.4	165.0	168.8	169.7	172.7	178.4	184.2	188.2
Trade, Transportation & Utilities	48.6	48.5	49.8	50.7	51.2	51.3	51.0	50.8	50.7	51.8	52.9	53.9	54.9	55.9	55.7	57.1	58.5	60.4
Wholesale Trade	11.8	11.5	11.8	12.1	12.0	11.9	11.1	11.2	11.6	12.0	12.1	12.0	12.5	12.5	12.2	12.7	13.2	13.6
Merchant Wholesalers, Durable Goods	5.8	5.6	5.7	5.6	5.8	5.8	5.5	5.5	5.7	6.0	5.9	5.9	5.8	5.8	5.7	5.8	5.9	6.0
Merchant Wholesalers, Nondurable Goods	4.7	4.7	5.1	5.3	5.1	5.2	4.8	4.8	5.1	5.2	5.3	5.3	5.7	5.5	5.3	5.5	5.8	5.8
Wholesale Electronic Markets & Agents & Brok	1.4	1.2	1.1	1.2	1.1	0.9	0.8	0.9	0.8	0.8	0.9	0.9	1.0	1.2	1.2	1.4	1.6	1.8
Retail Trade	28.0	28.2	28.9	29.1	29.5	30.2	30.7	30.6	30.7	31.0	31.8	32.6	32.9	33.8	33.9	35.1	35.2	36.2
Food & Beverage Stores	6.3	6.5	6.6	6.2	6.2	6.4	6.3	6.2	6.2	6.0	6.0	6.4	6.4	6.4	6.2	6.1	6.0	6.0
Clothing & Clothing Accessories Stores	2.0	2.1	2.1	2.1	2.1	2.0	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.7	2.8	3.0
General Merchandise Stores	5.1	4.5	4.8	5.4	5.5	5.9	5.9	5.9	6.0	6.1	6.1	6.2	6.6	6.8	6.7	7.3	7.1	7.5
Residual-Miscellaneous Store Retailers	14.7	15.1	15.4	15.4	15.7	15.9	16.6	16.5	16.5	17.0	17.7	17.9	17.6	18.2	18.5	19.0	19.3	19.7
Transportation, Warehousing & Utilities	8.8	8.8	9.1	9.5	9.7	9.2	9.3	8.9	8.5	8.7	9.1	9.2	9.4	9.6	9.6	9.4	10.0	10.6
Transportation & Warehousing	7.0	7.0	7.3	7.8	8.1	7.7	7.9	7.5	7.1	7.3	7.6	7.8	8.0	8.2	8.1	8.0	8.5	8.8
Utilities	1.8	1.8	1.8	1.7	1.6	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.8

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Information	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.8	4.8	4.8	5.0	5.1	4.7	4.2	4.6	4.3	4.2	4.2
Financial Activities	12.6	12.7	12.8	12.9	12.8	12.9	12.9	12.8	12.6	13.1	13.4	14.1	14.1	13.7	13.9	14.7	15.5	15.3
Finance & Insurance	9.0	9.0	9.0	9.2	8.9	9.0	8.8	8.8	8.6	8.9	9.1	9.5	9.4	9.2	9.5	10.3	10.9	10.8
Insurance Carriers & Related	3.9	4.2	4.4	4.3	4.2	4.4	4.5	4.6	4.8	4.9	5.0	4.5	4.0	4.1	4.2	4.7	4.9	4.8
Residual-Credit Intermediation & Related Activ	5.1	4.8	4.7	4.9	4.7	4.6	4.3	4.2	3.8	4.0	4.1	5.0	5.4	5.2	5.3	5.6	6.0	6.0
Real Estate & Rental & Leasing	3.6	3.7	3.7	3.8	3.9	4.0	4.0	4.0	4.0	4.2	4.3	4.6	4.7	4.5	4.4	4.5	4.6	4.5
Professional & Business Services	16.8	18.2	19.3	20.0	20.7	21.6	21.4	22.2	23.1	23.9	25.5	23.5	25.2	26.4	27.7	28.8	29.5	30.0
Professional, Scientific & Technical Services	7.0	7.3	7.5	7.5	7.8	7.8	7.6	7.4	7.5	7.8	8.2	7.9	8.3	9.2	9.8	10.6	10.9	11.5
Management of Companies & Enterprises	2.0	2.4	2.8	3.0	3.0	3.0	3.1	3.8	4.2	4.2	4.3	3.8	4.0	4.0	3.7	3.1	3.0	3.0
Administrative & Support & Waste Services	7.8	8.6	8.9	9.4	10.0	10.8	10.6	11.1	11.5	11.9	13.1	11.8	12.9	13.2	14.2	15.1	15.6	15.5
Administrative & Support Services	6.9	7.5	7.8	8.3	9.3	10.2	10.1	10.6	11.0	11.5	12.6	11.2	12.2	12.6	13.6	14.3	14.7	14.5
Employment Services	1.9	2.1	2.2	2.6	3.2	3.5	3.2	3.6	3.9	4.2	4.9	4.1	4.2	4.4	5.4	5.9	5.9	5.8
Residual-Other Support Services	5.0	5.5	5.6	5.7	6.0	6.7	6.9	7.1	7.2	7.3	7.7	7.1	8.0	8.2	8.1	8.5	8.8	8.8
Waste Management & Remediation Services	0.9	1.0	1.1	1.1	0.7	0.6	0.5	0.5	0.5	0.4	0.6	0.6	0.7	0.6	0.6	0.8	0.9	1.0
Educational & Health Services	24.9	25.3	26.8	27.2	27.3	28.4	29.9	30.2	30.5	31.5	30.9	32.5	33.9	34.9	35.8	36.6	37.5	38.9
Educational Services	1.8	2.1	2.2	2.2	2.3	2.4	2.7	2.8	2.8	2.6	2.8	3.0	3.2	3.4	3.5	3.4	3.6	3.9
Health Care & Social Assistance	23.1	23.2	24.6	25.0	25.0	25.9	27.3	27.5	27.7	28.9	28.1	29.5	30.7	31.5	32.3	33.2	33.9	35.0
Health Care	20.5	21.5	22.0	22.5	22.8	23.5	24.1	25.1	24.4	24.5	24.9	26.2	27.1	27.7	28.2	28.8	29.5	30.5
Ambulatory Health Care Services	6.9	7.9	8.1	8.2	8.5	8.8	9.1	9.9	9.7	10.0	10.0	10.3	10.4	10.3	10.6	11.2	11.5	12.0
Hospitals	9.3	9.4	9.8	10.0	9.9	10.1	9.9	9.6	9.4	9.5	9.4	9.6	10.4	11.2	11.2	11.2	11.4	11.8
Nursing & Residential Care Facilities	4.3	4.3	4.2	4.3	4.4	4.6	5.1	5.6	5.3	5.0	5.5	6.3	6.3	6.2	6.4	6.4	6.6	6.7
Social Assistance	2.6	1.7	2.7	2.5	2.2	2.4	3.1	2.4	3.3	4.3	3.2	3.2	3.6	3.9	4.1	4.4	4.4	4.5
Leisure & Hospitality	17.5	18.0	18.9	19.3	19.8	20.4	21.5	22.2	22.1	22.9	24.3	24.5	24.2	23.6	24.3	25.9	28.1	28.3
Arts, Entertainment, & Recreation	2.1	2.0	2.1	2.0	2.3	2.2	2.7	2.6	2.5	2.7	3.0	2.8	3.0	2.9	2.8	2.9	2.9	3.0
Accommodation & Food Service	15.4	16.0	16.8	17.3	17.5	18.1	18.8	19.6	19.6	20.2	21.3	21.7	21.2	20.7	21.5	23.0	25.2	25.3
Accommodation	1.8	2.0	1.9	2.0	1.8	1.8	1.9	2.1	2.4	2.1	2.1	2.0	2.1	1.9	1.8	2.0	2.1	2.0
Food Services & Drinking Places	13.6	13.9	14.9	15.3	15.7	16.3	16.9	17.5	17.2	18.1	19.2	19.7	19.2	18.8	19.7	21.0	23.1	23.3
Full-Service Restaurants	5.2	5.4	5.9	5.6	5.7	6.1	6.3	6.9	7.2	7.9	8.6	8.5	8.1	7.9	8.4	8.9	10.0	10.0
Limited-Service Eating Places	7.3	7.6	8.0	8.8	8.9	9.0	9.4	9.5	9.1	9.4	9.6	10.2	10.1	9.9	10.1	10.7	11.6	11.8
Residual-Special Food Services	1.1	0.9	1.0	0.9	1.0	1.2	1.2	1.0	1.0	0.8	1.0	0.9	0.9	1.0	1.2	1.4	1.5	1.4
Other Services	9.3	9.3	9.5	9.4	9.5	9.8	9.9	9.7	9.9	10.2	10.4	11.3	11.9	11.0	10.7	10.8	10.9	11.1
Government	50.7	52.1	52.3	53.5	54.9	57.6	58.2	58.2	59.1	61.8	65.1	67.6	69.1	67.6	66.6	67.0	67.6	68.7
Federal Government	10.1	10.5	11.3	11.7	11.4	11.6	11.5	11.1	10.7	10.8	11.5	11.8	11.7	11.4	10.6	9.8	9.8	9.6
State & Local Government	40.7	41.6	41.0	41.8	43.5	46.0	46.7	47.0	48.4	51.0	53.6	55.8	57.4	56.2	56.0	57.2	57.8	59.1
State Government	6.7	6.8	6.4	6.5	6.7	7.4	7.6	7.6	7.8	8.3	8.8	9.5	9.7	9.4	9.3	9.6	10.1	10.6
State Government Education	3.5	3.4	3.0	2.8	2.9	3.0	3.0	3.0	3.1	3.2	3.4	3.6	3.7	3.5	3.3	3.2	3.3	3.5
Other State Government	3.2	3.4	3.4	3.6	3.8	4.4	4.6	4.5	4.7	5.2	5.5	5.9	6.0	5.9	6.1	6.4	6.7	7.1
Local Government	34.0	34.8	34.6	35.4	36.8	38.7	39.1	39.5	40.6	42.7	44.8	46.4	47.8	46.8	46.7	47.6	47.7	48.5
Local Government Education	21.2	21.7	21.3	22.1	23.2	23.8	24.4	25.8	26.5	27.8	28.9	29.9	30.6	29.9	29.5	29.7	29.9	30.5
County	7.3	7.4	7.5	7.5	7.7	8.1	7.8	6.5	6.8	7.3	7.9	8.1	8.5	8.3	8.2	8.3	8.2	8.2
City	4.0	4.2	4.3	4.2	4.3	4.4	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.5	5.7	5.9	6.1
Other Local Government	1.5	1.5	1.5	1.5	1.5	2.3	2.4	2.4	2.3	2.5	2.8	3.0	3.4	3.2	3.5	3.9	3.7	3.7
Hanford-Corcoran MSA																		
Total Nonfarm	24.4	25.0	23.2	24.0	25.0	25.7	26.2	27.0	28.0	28.8	30.3	31.2	31.9	32.6	32.9	33.5	34.3	35.7
Total Private	15.6	16.7	14.9	15.5	16.4	16.7	17.0	17.3	17.4	17.7	17.7	18.0	18.5	19.2	19.4	19.9	20.3	20.7
Goods Producing	4.3	4.2	4.0	3.9	3.9	4.1	4.3	4.5	4.3	4.6	4.7	4.6	4.9	5.0	5.1	5.3	5.3	5.6
Natural Resources, Mining & Construction	1.0	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.2	1.4	1.4	1.4
Manufacturing	3.3	3.1	3.0	3.0	3.0	3.2	3.4	3.6	3.4	3.5	3.6	3.5	3.6	3.8	3.8	3.9	3.9	4.3
Durable Goods	0.5	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6
Nondurable Goods	2.9	2.8	2.8	2.7	2.7	2.8	3.0	3.2	3.0	3.2	3.3	3.1	3.1	3.2	3.3	3.3	3.4	3.7
Food Man & Beverage & Tobacco	1.4	1.4	1.5	1.6	1.7	1.6	1.9	2.0	1.8	2.1	2.2	2.3	2.6	2.7	2.8	2.9	2.9	3.2
Residual-Textile Mills	1.5	1.4	1.3	1.2	1.0	1.2	1.0	1.2	1.2	1.2	1.2	0.8	0.6	0.5	0.5	0.4	0.4	0.4
Service Providing	19.8	20.9	19.2	19.9	21.1	21.6	21.9	22.4	23.6	24.2	25.6	26.6	27.1	27.6	27.9	28.3	29.0	30.0
Private Service producing	11.3	12.5	10.9	11.6	12.5	12.6	12.7	12.8	13.1	13.1	13.1	13.4	13.6	14.1	14.3	14.6	15.0	15.1
Trade, Transportation & Utilities	5.6	5.9	5.0	4.8	4.9	4.8	4.9	5.0	5.0	5.0	4.8	4.7	4.6	4.8	5.0	5.3	5.4	5.5
Wholesale Trade	0.7	0.6	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5
Retail Trade	4.5	4.7	3.7	3.6	3.7	3.7	3.9	3.9	3.9	3.8	3.6	3.4	3.3	3.5	3.7	3.9	4.1	4.2
Food & Beverage Stores	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9
General Merchandise Stores	0.4	0.4	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3
Residual-Miscellaneous Store Retailers	3.4	3.8	2.5	2.0	2.2	2.2	2.3	2.2	2.2	2.2	2.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0
Transportation, Warehousing & Utilities	0.4	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.8	0.8
Information	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Financial Activities	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.1	1.3	1.3	1.3	1.2	1.1	1.1	1.1
Finance & Insurance	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Real Estate & Rental & Leasing	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.7	0.7	0.6	0.5	0.5	0.5
Professional & Business Services	0.6	0.9	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.1
Educational & Health Services	1.6	2.3	2.2	2.6	3.0	3.0	3.0	2.9	3.0	2.9	2.8	3.0	3.1	3.3	3.3	3.4	3.6	3.6
Leisure & Hospitality	1.9	2.0	1.6	1.9	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.3	2.4	2.5	2.5	2.7	2.8	2.8
Other Services	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Government	8.6	8.4	8.4	8.4	8.6	8.9	9.2	9.6	10.5	11.1	12.5	13.2	13.4	13.4	13.6	13.7	14.0	14.9
Federal Government	1.5	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.2	1.1	1.1	0.9	1.0	1.0	1.0	1.0	1.1	1.2
State & Local Government	7.1	7.1	7.1	7.1	7.3	7.5	7.8	8.3	9.4	10.0	11.4	12.3	12.4	12.4	12.6	12.7	12.9	13.8
State Government	2.5	2.6	2.6	2.6	2.8	2.8	3.1	3.4	4.1	4.5	4.9	5.1	5.2	5.3	5.4	5.3	5.4	5.9
Local Government	4.6	4.5	4.5	4.4	4.5	4.7	4.7	4.9	5.2	5.5	6.6	7.2	7.2	7.1	7.2	7.4	7.5	7.9
Los Angeles-Long Beach-Glendale Metro. Div.																		
Total Nonfarm	4,135.7	3,982.7	3,804.5	3,707.6	3,701.9	3,746.6	3,788.5	3,865.0	3,943.5	4,002.9	4,072.1	4,073.6	4,026.8	3,982.9	3,996.5	4,024.2	4,092.5	4,115.8
Total Private	3,596.0	3,442.9	3,265.1	3,176.2	3,168.2	3,210.9	3,255.5	3,328.7	3,402.5	3,441.3	3,490.9	3,475.3	3,420.7	3,383.7	3,409.5	3,440.5	3,503.1	3,521.0
Goods Producing	965.3	889.3	816.7	759.3	740.6	745.5	745.2	752.5	766.2	755.5	747.2	718.5	673.0	638.4	627.5	624.1	623.2	608.8
Natural Resources & Mining	8.2	6.8	6.0	5.4	4.2	4.1	3.9	3.5	3.5	3.4	3.4	3.8	3.7	3.8	3.8	3.7	4.0	4.4

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Construction	145.1	130.7	112.4	102.6	109.1	113.3	108.7	110.6	119.1	126.9	131.7	136.8	134.5	134.6	140.2	148.7	157.5	157.2
Construction of Buildings	32.6	30.5	26.1	22.6	26.9	29.5	27.1	26.4	28.7	30.7	31.4	31.5	31.2	31.9	33.4	35.9	38.4	38.1
Residential Building Construction	17.7	16.4	13.7	11.4	14.0	16.5	15.2	14.7	16.0	16.9	17.1	17.8	18.1	19.5	20.9	23.2	25.3	25.0
Nonresidential Building Construction	14.9	14.2	12.5	11.3	12.9	13.0	12.0	11.7	12.7	13.8	14.4	13.7	13.1	12.4	12.5	12.7	13.1	13.1
Heavy & Civil Engineering Construction	21.7	19.5	17.6	17.6	16.4	14.8	12.4	12.4	13.0	13.2	14.2	15.2	14.8	13.6	13.2	13.3	13.6	14.7
Specialty Trade Contractors	90.9	80.7	68.7	62.3	65.8	69.0	69.2	71.9	77.4	83.1	86.1	90.2	88.4	89.2	93.6	99.4	105.5	104.4
Building Foundation & Exterior Contractors	19.4	16.3	14.1	13.0	13.2	14.5	14.4	15.1	16.8	17.4	17.1	19.1	19.0	20.4	22.1	23.3	24.6	23.7
Building Equipment Contractors	36.7	34.0	30.0	27.5	27.8	28.3	28.6	29.9	31.2	32.8	34.6	35.3	33.5	33.1	35.1	36.3	38.7	40.5
Building Finishing Contractors	24.1	20.9	16.8	14.8	16.8	18.1	18.2	19.0	20.8	23.4	24.6	26.1	26.7	26.6	27.2	30.3	31.7	29.4
Other Specialty Trade Contract	10.7	9.4	7.7	7.0	8.1	8.0	8.0	7.9	8.6	9.5	9.8	9.6	9.3	9.1	9.3	9.6	10.6	10.8
Manufacturing	812.0	751.7	698.4	651.3	627.3	628.1	632.6	638.4	643.6	625.1	612.2	577.9	534.8	500.0	483.6	471.7	461.7	447.1
Durable Goods	533.2	474.6	424.5	381.1	356.2	349.4	351.4	357.8	364.7	352.8	342.3	325.4	299.3	276.2	267.8	263.4	257.3	248.4
Residual-Wood Product Manufacturing	27.3	21.4	18.3	16.8	16.9	16.7	17.0	17.5	18.1	18.6	18.4	17.7	16.2	15.5	15.0	14.2	13.3	12.3
Primary Metal Manufacturing	15.8	13.5	12.7	12.0	11.7	11.7	12.2	13.0	13.2	12.8	12.9	12.4	11.3	10.3	9.9	9.7	9.5	9.2
Fabricated Metal Product Mfg	75.4	69.4	62.9	57.3	56.4	57.7	59.9	63.1	64.9	62.1	61.4	58.8	53.5	49.6	48.3	48.3	48.9	48.7
Machinery Manufacturing	37.8	36.4	32.7	31.5	30.3	30.3	28.9	29.4	29.9	29.3	29.7	26.0	24.2	22.6	20.9	19.8	19.1	18.9
Computer & Electronic Product Manufacturing	127.0	110.5	96.6	87.8	79.3	79.2	81.0	81.9	78.7	74.1	70.7	69.2	64.4	60.2	59.8	60.7	59.4	55.9
Electronic Instrument Manufacturing	77.8	69.2	60.9	52.4	44.7	44.4	46.4	47.7	46.2	43.5	40.6	40.5	40.1	38.8	38.8	40.0	39.0	36.2
Residual-Computer & Peripheral Equipment M	49.1	41.2	35.7	35.4	34.6	34.9	34.6	34.2	32.6	30.6	30.1	28.6	24.3	21.4	21.0	20.7	20.4	19.7
Electrical Equipment & Appliance Manufacturin	25.1	20.7	16.7	15.1	14.7	14.7	13.9	13.9	14.5	14.2	14.1	14.4	13.2	12.1	11.4	11.1	11.1	11.5
Transportation Equipment Manufacturing	156.3	142.3	129.6	106.9	92.6	84.3	82.5	80.5	84.2	78.8	72.0	66.9	60.8	54.5	53.6	52.6	51.3	49.3
Aerospace Product & Parts Manufacturing	130.1	119.0	107.0	87.1	73.7	64.9	62.9	61.5	65.2	59.3	52.4	47.1	43.8	39.9	39.8	39.0	38.7	38.0
Residual-Other Transportation Equipment Ma	26.2	23.4	22.6	19.8	18.9	19.4	19.6	18.9	19.1	19.6	19.7	19.8	17.0	14.6	13.9	13.6	12.6	11.4
Furniture & Related Product Manufacturing	38.3	31.7	27.6	26.4	27.0	27.0	28.2	30.1	31.4	32.9	32.9	31.4	29.6	27.7	26.5	25.3	23.5	21.4
Household & Institutional Furniture Manufactu	23.8	19.6	17.1	16.5	17.4	18.0	19.0	20.5	21.3	22.7	22.7	21.8	20.8	18.8	18.0	17.2	15.9	14.4
Residual-Other Furniture Related Product Ma	14.5	12.0	10.5	9.9	9.6	9.0	9.2	9.7	10.1	10.2	10.1	9.6	8.9	8.9	8.5	8.1	7.6	7.0
Miscellaneous Manufacturing	30.3	28.8	27.3	27.3	27.4	27.9	27.8	28.5	29.7	30.2	30.3	28.6	26.3	23.9	22.4	21.7	21.3	21.2
Nondurable Goods	278.8	277.2	273.9	270.2	271.1	278.7	281.2	280.7	278.9	272.3	269.9	252.5	235.5	223.8	215.8	208.3	204.4	198.8
Food Manufacturing	47.7	47.6	45.7	45.8	45.0	44.0	42.7	43.2	44.5	44.9	45.6	45.6	44.5	44.7	44.1	43.3	43.0	43.1
Dairy Product Manufacturing	5.8	5.5	5.4	5.3	5.3	5.4	5.2	5.4	5.5	5.6	5.4	5.5	5.4	5.4	5.4	5.1	5.0	5.1
Animal Slaughtering & Processing	6.6	6.2	5.9	5.6	5.4	5.5	5.5	5.7	5.7	6.0	6.0	5.7	5.7	5.4	5.3	5.4	5.3	5.2
Bakeries & Tortilla Manufacturing	21.7	20.7	19.2	17.9	17.2	17.3	16.8	17.0	17.4	17.4	17.7	17.4	16.8	17.3	16.8	16.5	16.2	16.5
Residual-Other Food Manufacturing	13.6	15.1	15.2	17.1	17.1	15.9	15.2	15.2	15.8	15.9	16.5	17.0	16.7	16.6	16.6	16.3	16.5	16.3
Beverage & Tobacco Product Mfg	6.1	5.8	5.6	5.3	5.1	5.0	4.9	4.9	4.6	4.4	4.3	4.7	4.6	4.3	4.2	4.2	5.0	5.5
Textile Mills	8.3	9.1	9.3	9.9	11.1	11.6	11.9	13.0	13.5	14.2	14.2	12.4	11.9	10.4	10.8	10.9	10.3	9.5
Apparel Manufacturing	90.2	92.0	90.1	84.7	91.9	100.9	104.3	101.6	98.3	93.7	92.5	80.6	72.9	69.3	66.4	61.8	59.6	56.5
Cut & Sew Apparel Manufacturing	85.2	86.5	84.6	79.3	86.1	94.7	97.9	95.1	92.1	87.6	86.2	74.8	67.6	64.7	61.9	57.6	55.6	52.6
Residual-Apparel Accessories & Other Appar	5.1	5.5	5.5	5.3	5.8	6.2	6.4	6.5	6.2	6.0	6.3	5.8	5.3	4.6	4.5	4.2	4.0	3.9
Residual-Textile Product Mills	10.9	8.6	13.8	17.6	12.5	12.3	13.9	14.3	14.5	13.8	13.5	12.3	11.3	10.5	9.6	9.2	8.8	8.6
Paper Manufacturing	15.1	14.9	14.5	14.4	14.2	14.3	14.6	14.7	14.6	13.9	13.3	12.7	11.9	10.9	10.3	10.3	10.1	9.7
Printing & Related Support Activities	36.1	35.6	33.2	32.0	30.6	30.5	29.8	30.5	30.7	30.5	30.1	29.6	27.0	24.8	24.2	23.5	23.4	23.2
Petroleum & Coal Products Manufacturing	10.8	9.7	9.2	8.8	8.8	8.2	7.8	7.4	7.0	6.4	6.0	5.8	5.2	5.2	4.8	4.4	4.2	4.4
Chemical Manufacturing	24.7	25.1	25.0	24.7	24.4	24.6	24.9	25.4	26.0	25.6	25.8	25.3	24.4	23.1	22.2	22.1	22.1	21.0
Pharmaceutical & Medicine Manufacturing	4.5	5.2	5.5	5.6	5.7	5.8	6.0	6.2	6.7	6.8	6.8	6.9	7.0	6.3	5.5	5.4	5.6	5.8
Residual-Other Chemical Products & Prepara	20.2	19.9	19.4	19.1	18.7	18.7	18.9	19.2	19.3	18.8	19.0	18.4	17.3	16.8	16.8	16.7	16.5	15.2
Plastics & Rubber Products Manufacturing	28.8	28.7	27.7	27.0	27.4	27.4	26.4	25.7	25.4	25.0	24.6	23.6	21.7	20.5	19.1	18.5	18.0	17.2
Service Providing	3,170.4	3,093.5	2,987.8	2,948.4	2,961.3	3,001.0	3,043.3	3,112.4	3,177.4	3,247.5	3,324.9	3,355.1	3,353.8	3,344.6	3,369.0	3,400.1	3,469.3	3,507.0
Private Service Producing	2,630.6	2,553.6	2,448.4	2,417.0	2,427.6	2,465.3	2,510.4	2,576.1	2,636.4	2,685.8	2,743.6	2,756.8	2,747.8	2,745.3	2,781.9	2,816.4	2,879.8	2,912.2
Trade, Transportation & Utilities	794.9	776.4	739.8	716.1	712.0	721.1	728.2	744.7	759.0	771.7	786.0	789.8	782.7	774.9	781.6	795.4	814.1	819.6
Wholesale Trade	228.3	222.6	209.6	201.6	202.0	204.5	206.2	213.3	216.0	217.9	219.4	219.4	217.3	214.1	215.1	219.3	225.7	229.6
Merchant Wholesalers, Durable Goods	128.0	123.5	116.6	110.2	110.3	112.8	115.2	120.5	122.2	122.4	122.7	119.7	116.3	111.0	108.2	108.2	110.3	111.5
Motor Vehicle & Motor Vehicle Parts Merchar	15.0	14.9	14.7	13.8	13.8	14.6	14.8	15.3	15.9	16.6	16.0	14.6	14.6	14.2	14.0	14.0	14.1	14.0
Professional & Commercial Equipment Merch	26.6	25.5	23.4	22.4	22.6	21.8	22.2	23.4	24.6	24.2	23.8	22.3	21.4	20.3	19.1	18.6	18.3	18.6
Electrical & Electronic Goods Merchant Whol	17.2	17.7	17.1	16.3	15.2	15.0	15.6	16.0	16.1	15.5	15.1	15.8	14.7	13.7	12.7	12.8	12.9	13.0
Machinery, Equipment & Supplies Merchant V	21.5	21.5	19.5	17.2	16.8	17.0	16.8	17.5	17.8	17.8	17.8	17.1	16.0	15.2	14.7	14.5	14.7	15.2
Miscellaneous Durable Goods Merchant Who	18.1	17.7	17.5	17.5	18.1	19.2	20.0	20.8	19.6	19.5	20.8	21.1	21.2	20.0	19.8	19.9	20.4	21.1
Residual-Furniture & Home Furnishing Merch	29.6	26.3	24.4	23.1	23.8	25.0	25.8	27.5	28.3	28.8	29.3	28.8	28.4	27.6	27.8	28.5	29.9	29.6
Merchant Wholesalers, Nondurable Goods	72.1	73.1	70.3	69.8	71.0	72.2	73.5	75.6	76.6	78.6	80.9	82.8	83.0	81.9	82.8	84.6	86.6	89.3
Apparel, Piece Gds & Notions Merch whole	14.1	14.0	13.9	14.2	15.1	16.2	16.4	17.4	17.7	18.1	19.2	19.6	19.3	18.3	17.9	18.4	19.1	19.6
Grocery & Related Products Merchant whole	25.9	25.0	24.1	24.1	24.5	24.5	24.9	25.0	25.4	26.3	27.1	28.1	28.1	28.3	29.8	30.4	30.4	30.7
Residual-Paper & Paper Products Merchant V	19.5	22.0	20.6	20.0	19.3	18.9	19.1	19.4	19.4	20.0	19.4	19.8	20.5	19.8	19.0	19.1	19.5	20.1
Misc Nondurable Merchant Wholesalers	12.6	12.1	11.7	11.5	12.1	12.7	13.1	13.8	14.1	14.3	15.3	15.3	15.1	15.6	16.1	16.7	17.7	19.0
Wholesale Electronic Markets & Agents & Brok	28.3	26.0	22.7	21.5	20.7	19.6	17.5	17.2	17.2	16.9	15.9	16.9	18.0	21.1	24.1	26.5	28.7	28.8
Retail Trade	405.5	393.6	376.2	363.5	358.6	361.9	365.7	370.6	375.0	381.4	392.0	394.8	398.2	399.3	405.4	414.4	423.3	423.6
Motor Vehicle & Parts Dealer	45.0	43.2	42.1	41.4	42.5	44.4	45.6	47.6	48.4	49.0	51.0	50.8	50.7	50.7	50.6	51.3	51.2	50.6
Automobile Dealers	27.4	26.1	25.5	26.0	27.2	28.2	29.1	30.2	31.0	32.2	33.7	34.6	35.8	36.0	35.9	36.4	36.4	35.7
Other Motor Vehicle Dealers	2.1	1.9	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.9	2.1	2.1	2.2	2.4	2.7	2.8	3.0	3.2
Automotive Parts, Accessories & Tire Stores	15.5	15.2	15.0	13.8	13.7	14.5	14.9	15.7	15.7	14.9	15.1	14.1	12.7	12.3	12.1	12.0	11.8	11.7
Furniture & Home Furnishings Stores	14.7	13.3	12.1	11.8	11.6	12.4	12.1	12.5	12.7	13.3	14.3	14.7	15.6	16.1	15.9	16.4	16.5	15.9
Electronics & Appliance Stores	18.9	18.5	17.2	16.9	17.0	17.3	19.1	20.3	21.4	22.2	22.5	21.3	20.0	20.0	20.1	20.7	21.3	20.9
Building Material & Garden Equipment Stores	26.7	24.9	22.9	21.5	20.6	20.1	19.4	19.1	19.6	20.2	21.4	23.3	24.6	24.2	25.7	26.6	27.1	25.7
Food & Beverage Stores	80.5	78.2	76.1	73.6	73.4	73.0	75.5	75.9	77.1	79.0	79.4	80.8	81.4	82.3	83.1	85.9	87.6	88.7
Grocery Stores	63.7	62.2	61.7	59.4	58.8	58.4	60.2	60.6	61.5	63.5	63.5	64.5	65.8	68.2	69.4	71.5	72.9	74.2
Residual-Specialty Food Stores	16.9	16.0	14.4	14.3	14.7	14.6	15.3	15.2	15.6	15.5	15.9	16.2	15.6	14.1	13.7	14.4	14.6	14.5
Health & Personal Care Stores	27.2	26.0	25.7	24.4	23.9	23.1	24.3	24.6	24.4	24.8	25.8	27.8	27.7	28.2	28.9	28.4	28.8	29.8
Gasoline Stations	13.6	13.2	12.8	12.5	12.4	12.6	13.3	13.2	12.8	12.0	11.3	10.9	11.4	11.2	11.2	10.9	11.3	11.2
Clothing & Clothing Accessories Stores	53.6	54.1	49.8	48.0	44.7	43.7	41.6	42.0	43.1	44.6	46.5	47.2	48.8	49.3	50.8	52.1	54.7	56.2
Sporting Goods, Hobby, Book & Music Stores	24.0	22.4	21.2	22.0	21.9	22.3	21.9	21.4	22.2	23.8	24.4	24.2	23.6	23.2	22.2	22.1	21.8	21.5
Sporting Goods, Hobby & Musical Instrument	13.2	12.2	11.4	12.1	11.9	11.9	11.5	11.6	11.7	13.0	13.5	13.8	13.7	13.8	13.7	13.7	13.7	14.2
Book, Periodical & Music Stores	10.8	10.3	9.8	9.9	10.0	10.4	10.4	9.8	10.4	10.9	10.9	10.4	9.9	9.4	8.5	8.4	8.1	7.3

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
General Merchandise Stores	64.5	65.9	62.6	59.7	58.3	59.0	59.1	60.4	58.4	57.0	57.6	56.7	58.5	59.1	62.0	64.3	66.6	67.2
Department Stores	49.6	50.2	46.6	43.9	42.3	43.2	43.0	44.3	43.8	42.6	43.6	42.4	41.7	40.3	42.2	44.1	46.1	45.5
Other General Merchandise Stores	14.9	15.7	16.0	15.8	16.0	15.8	16.2	16.0	14.6	14.3	14.0	14.3	16.9	18.8	19.8	20.1	20.5	21.7
Miscellaneous Store Retailers	29.5	26.9	25.7	25.1	25.8	27.1	27.2	26.8	27.6	27.2	28.3	28.2	27.9	27.1	26.2	26.2	26.7	26.3
Nonstore Retailers	7.5	7.2	8.2	6.6	6.4	7.0	6.7	7.0	7.2	8.4	9.7	8.8	7.9	8.0	8.7	9.5	9.8	9.7
Transportation, Warehousing & Utilities	161.0	160.2	154.0	151.0	151.4	154.7	156.3	160.8	168.0	172.4	174.6	175.6	167.2	161.5	161.1	161.7	165.2	166.4
Utilities	17.8	17.6	17.2	17.0	16.6	15.2	13.9	13.4	13.8	13.1	12.4	12.1	11.8	12.3	12.6	12.7	12.9	13.2
Transportation & Warehousing	143.2	142.7	136.8	134.0	134.9	139.5	142.4	147.3	154.2	159.3	162.2	163.5	155.4	149.2	148.5	149.1	152.3	153.1
Air Transportation	33.8	33.9	32.1	30.6	28.4	27.5	28.2	27.8	28.2	28.6	29.5	29.5	25.6	23.4	22.5	20.9	19.4	19.5
Residual-Rail Transportation	7.5	8.3	8.2	6.5	5.0	7.5	7.5	7.3	6.5	6.0	5.8	5.6	5.6	5.6	5.3	5.5	5.4	5.4
Truck Transportation	26.7	26.9	25.5	24.8	26.3	27.4	27.1	28.5	29.7	30.8	32.1	32.1	30.6	29.5	28.5	28.3	28.1	28.1
Transit & Ground Passenger Transportation	10.7	10.1	9.1	8.8	8.8	9.1	9.4	11.0	11.9	12.5	12.6	11.9	11.8	11.1	11.3	11.7	12.7	12.9
Support Activities for Transportation	25.5	24.6	24.2	26.0	27.5	26.6	28.1	30.5	34.4	37.5	39.9	41.7	41.4	40.5	42.0	44.2	48.0	47.9
Couriers & Messengers	20.7	20.4	20.1	20.1	21.7	22.8	23.5	23.4	25.2	25.0	24.2	24.7	22.8	22.3	22.1	21.9	22.3	22.1
Warehousing & Storage	18.3	18.5	17.6	17.3	17.3	18.6	18.8	18.8	18.3	18.9	18.2	18.2	17.6	16.8	16.8	16.6	16.5	17.2
Information	186.2	181.0	168.6	169.5	177.6	190.9	201.9	214.7	214.9	236.5	243.7	226.3	207.3	202.3	211.9	207.6	205.6	209.2
Publishing Industries (except Internet)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	20.3
Newspaper, Periodical, Book & Directory Publi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	13.5
Software Publishers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	6.8
Motion Picture & Sound Recording	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126.0	128.2
Broadcasting (except Internet)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.1	19.6
Radio & Television Broadcasting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.6	12.5
Cable & Other Subscription Programming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	7.1
Telecommunications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.4	28.3
Internet Service Providers, Web Search Portals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	5.8
Residual-Other Information Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	7.0
Financial Activities	279.9	265.2	248.2	240.5	231.8	223.9	217.3	220.5	224.2	226.8	224.5	228.9	232.6	239.8	241.6	244.0	248.8	245.0
Finance & Insurance	198.2	187.7	176.7	171.0	163.4	154.9	148.3	149.5	150.4	151.8	150.8	156.2	159.8	165.0	165.0	166.2	169.0	165.5
Credit Intermediation & Related Activities	102.9	97.6	92.9	90.7	84.6	77.9	72.6	71.4	69.9	68.5	66.6	70.7	74.7	80.4	81.4	82.9	84.9	82.0
Depository Credit Intermediation	81.8	77.6	71.9	68.3	63.3	59.1	54.0	52.6	49.7	48.1	46.5	48.5	49.6	49.8	50.2	51.8	52.5	51.4
Nondepository Credit Intermediation	15.3	14.7	15.3	16.2	14.8	13.2	12.9	12.8	13.7	13.5	12.9	14.3	15.5	18.3	18.0	18.9	20.0	19.6
Activities Related to Credit Intermediation	5.8	5.4	5.7	6.2	6.5	5.6	5.7	6.0	6.6	6.9	7.2	7.9	9.6	12.3	13.2	12.3	12.4	11.0
Securities, Commodity Contracts & Investment	22.4	20.4	18.4	18.1	18.7	18.4	18.1	19.6	21.9	22.6	24.7	25.7	24.6	23.9	24.3	25.5	26.5	25.9
Insurance Carriers & Related	70.5	65.3	61.3	59.4	57.5	55.9	55.2	56.3	56.5	58.3	57.1	57.1	57.7	58.0	56.4	54.6	54.1	53.8
Insurance Carriers	42.3	38.0	35.6	34.4	32.2	31.0	30.5	30.4	31.5	32.6	31.1	30.6	30.7	31.4	29.5	27.6	27.3	27.2
Agencies, Brokerages, & Other Insurance Re	28.2	27.3	25.7	25.0	25.3	24.9	24.8	25.9	25.0	25.7	26.0	26.5	27.0	26.6	26.9	27.0	26.8	26.6
Residual-Other Finance	2.4	4.3	4.0	2.9	2.6	2.6	2.4	2.2	2.0	2.4	2.5	2.7	2.9	2.8	2.9	3.2	3.6	3.9
Real Estate & Rental & Leasing	81.7	77.5	71.5	69.4	68.4	69.1	68.9	71.0	73.8	74.9	73.8	72.7	72.8	74.8	76.7	77.8	79.8	79.5
Real Estate	57.5	54.8	52.6	51.6	48.7	48.3	47.3	47.3	49.0	49.8	49.0	48.3	48.8	51.1	52.5	53.6	55.5	54.6
Lessors of Real Estate	26.5	25.7	25.1	24.7	22.3	22.4	21.8	21.7	21.5	20.5	19.9	18.6	17.2	16.8	16.7	16.5	16.3	16.2
Offices of Real Estate Agents & Brokers	11.7	10.5	10.2	10.4	10.0	10.0	9.6	9.5	10.3	10.8	10.6	10.8	11.4	12.0	12.7	13.3	14.6	14.1
Activities Related to Real Estate	19.3	18.5	17.4	16.6	16.4	16.0	15.9	16.1	17.2	18.6	18.5	18.9	20.1	22.3	23.2	23.8	24.6	24.4
Rental & Leasing Services	23.2	20.8	18.1	17.5	17.9	19.2	20.4	22.3	23.6	23.9	23.6	23.4	23.0	22.7	23.1	23.2	23.3	23.9
Automotive Equipment Rental & Leasing	8.4	7.4	6.8	6.3	6.1	6.3	6.4	6.8	7.1	7.8	8.1	8.1	8.2	8.2	8.5	8.4	8.2	8.0
Residual-Consumer Goods Rental	14.9	13.4	11.4	11.2	11.8	13.0	14.0	15.5	16.5	16.1	15.6	15.2	14.8	14.5	14.6	14.8	15.1	15.9
Lessors of Nonfinancial Intangible Assets	0.9	2.0	0.7	0.3	1.8	1.6	1.3	1.4	1.3	1.3	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0
Professional & Business Services	541.6	512.0	492.7	496.9	506.4	516.1	529.9	552.2	576.4	575.5	587.9	588.0	575.0	559.9	562.4	576.1	598.9	605.7
Professional, Scientific & Technical Services	242.9	238.5	218.8	212.8	207.9	208.9	207.6	215.7	226.8	222.9	227.7	233.6	231.6	233.5	237.7	250.9	264.0	273.1
Legal Services	53.2	55.7	53.8	52.3	48.9	46.1	45.1	44.6	46.1	46.8	46.5	48.0	49.0	50.4	49.7	49.9	49.2	49.5
Accounting, Tax Preparation & Bookkeeping S	49.9	50.1	41.9	38.9	37.8	40.5	40.6	44.3	48.8	38.1	34.6	36.3	37.0	37.3	38.7	41.5	46.4	49.6
Architectural, Engineering & Related Services	33.1	31.5	29.3	27.6	27.5	27.5	26.5	26.3	27.2	28.6	29.7	30.5	30.3	29.8	30.3	33.5	36.8	39.9
Specialized Design Services	24.0	24.6	24.1	23.8	23.4	24.8	24.9	25.0	26.1	26.3	27.1	27.0	24.7	21.2	22.0	22.8	24.4	25.2
Computer Systems Design & Related Services	19.0	18.6	17.1	16.4	17.9	18.5	18.7	20.9	22.4	24.9	26.9	27.9	26.7	26.8	26.0	25.6	26.3	27.3
Management, Scientific & Technical Consulting	22.1	19.7	17.2	17.8	17.5	16.3	16.3	17.5	18.4	19.7	23.8	25.5	25.3	27.6	30.0	35.6	39.0	40.4
Scientific Research & Development Services	17.7	15.8	14.1	14.2	13.4	13.1	12.3	13.1	13.3	13.7	13.5	13.4	15.0	18.1	18.1	18.8	17.9	17.1
Advertising & Related Services	23.9	22.5	21.4	21.8	21.6	22.1	23.2	24.1	24.6	24.8	25.7	25.1	23.6	22.4	22.9	23.2	24.0	24.1
Management of Companies & Enterprises	80.8	79.9	82.4	80.5	80.2	81.3	82.5	84.0	86.9	85.5	85.6	84.4	82.5	77.4	71.2	67.6	63.0	59.1
Administrative & Support & Waste Services	218.0	193.6	191.5	203.7	218.4	226.0	239.8	252.6	262.7	267.2	274.6	270.0	261.0	249.1	253.6	257.7	271.9	273.5
Administrative & Support Services	209.2	185.7	181.9	196.1	210.6	218.2	231.9	244.8	254.7	258.4	265.9	261.4	252.3	240.9	244.7	248.5	262.9	264.6
Employment Services	77.3	61.6	64.7	80.0	90.2	92.5	102.3	109.0	118.6	121.1	131.6	126.1	114.7	105.1	107.0	107.2	119.2	119.5
Business Support Services	16.8	16.8	16.2	16.7	16.7	18.2	17.0	18.2	19.7	19.5	18.1	17.9	17.1	17.4	16.9	16.2	15.9	15.7
Travel Arrangement & Reservation Services	13.7	13.2	12.2	11.4	11.9	12.1	12.0	12.4	12.7	13.3	13.4	13.3	12.3	11.5	11.8	12.2	11.5	11.8
Investigation & Security Services	37.4	35.0	33.9	33.2	35.8	37.7	40.6	42.4	41.4	41.6	40.6	40.9	45.5	44.4	43.7	43.7	45.0	46.4
Services to Buildings & Dwellings	37.8	35.3	33.3	32.4	32.9	34.4	35.9	37.3	37.4	39.6	40.3	40.7	39.6	39.4	40.2	42.0	43.3	42.7
Residual-Other Support Services	26.2	23.8	21.6	22.5	23.1	23.3	24.1	25.6	24.9	23.4	22.0	22.5	23.1	23.2	25.2	27.2	28.0	28.5
Waste Management & Remediation Services	8.8	7.9	9.5	7.6	7.8	7.8	7.9	7.8	8.0	8.8	8.6	8.6	8.6	8.2	8.9	9.2	9.1	8.9
Waste Treatment & Disposal	3.7	3.7	3.5	3.7	3.9	4.0	3.7	4.0	4.2	4.3	4.4	4.4	3.7	2.6	2.5	2.8	2.9	2.9
Residual-Waste Collection & Remediation Se	5.1	4.2	6.0	3.8	3.9	3.9	4.1	3.8	3.9	4.4	4.3	4.3	4.9	5.6	6.4	6.4	6.1	6.0
Educational & Health Services	384.7	373.7	363.5	361.4	367.4	372.2	384.9	386.3	395.0	402.4	416.8	432.2	450.4	460.4	467.0	471.3	478.7	488.3
Educational Services	84.9	74.9	65.7	61.6	63.9	68.0	71.9	72.4	76.9	80.3	86.2	88.6	93.0	94.8	95.4	97.4	99.4	101.9
Elementary & Secondary Schools	18.1	17.4	17.3	16.3	16.4	17.1	18.5	19.6	20.9	21.4	22.4	23.9	25.2	25.2	24.9	25.4	26.2	27.2
Junior Colleges	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.2	1.3	1.7	1.8	1.8	1.7	1.7	1.6	1.7
Colleges, Universities & Professional Schools	49.2	43.0	34.5	31.3	33.4	36.7	39.9	37.9	41.5	42.7	45.0	45.4	47.9	49.4	49.4	50.0	50.4	50.3
Residual- Business, Technical Schools & Supp	16.4	13.1	12.7	12.7	13.0	13.0	12.5	13.8	13.5	15.1	17.5	17.6	18.2	18.4	19.4	20.4	21.2	22.6
Health Care & Social Assistance	299.8	298.8	297.8	299.8	303.5	304.2	313.1	313.9	318.1	322.1	330.7	343.6	357.4	365.6	371.6	373.9	379.3	386.4
Ambulatory Health Care Services	115.5	117.8	118.0	117.9	121.0	124.0	126.8	127.6	127.5	127.4	129.4	132.7	141.1	147.2	152.3	154.3	156.3	159.1
Offices of Physicians	60.5	60.8	60.3	59.3	59.1	59.1	59.5	58.8	58.0	58.0	59.0	59.8	63.5	65.3	66.5	66.1	66.7	67.6
Offices of Dentists	20.0	20.3	20.3	20.5	20.8	21.5	22.0	22.5	23.5	23.6	24.0	24.9	25.8	27.5	27.7	27.8	28.0	28.1
Offices of Other Health Practitioners	11.0	12.2	12.6	12.8	12.9	12.6	11.6	11.1	10.9	10.8	11.4	12.2	13.8	14.4	14.7	14.7	14.9	15.6
Residual-Other Ambulatory Health Care Se	24.1	24.5	24.8	25.3	28.2	30.8	33.8	35.2	35.1	35.0	34.9	35.8	38.0	40.0	43.4	45.7	46.7	47.9

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Hospitals	101.1	100.0	100.0	99.6	98.7	94.1	98.9	97.3	98.1	98.3	99.6	102.1	104.1	103.8	105.3	106.0	106.9	107.4
Nursing & Residential Care Facilities	49.3	48.3	47.9	48.8	49.5	51.1	52.0	53.1	54.0	54.8	57.9	60.9	62.8	64.6	62.7	60.6	61.6	62.8
Nursing Care Facilities	26.8	26.1	25.6	26.6	27.4	27.5	27.7	28.3	28.4	28.7	29.5	30.9	31.4	32.3	32.8	33.0	33.6	34.7
Residual-Other Residential Care Facilities	22.5	22.2	22.2	22.2	22.1	23.6	24.3	24.8	25.6	26.1	28.3	30.0	31.4	32.3	29.9	27.7	28.0	28.1
Social Assistance	33.9	32.7	32.0	33.5	34.4	35.0	35.3	35.8	38.5	41.6	43.9	47.9	49.4	50.0	51.2	52.9	54.5	57.0
Individual & Family Services	10.9	10.9	10.8	10.9	11.3	11.9	11.9	12.6	13.7	15.0	16.1	17.7	18.9	20.0	21.5	23.2	24.8	26.2
Vocational Rehabilitation Services	8.2	8.1	7.7	7.8	7.8	7.8	7.5	7.4	7.7	8.5	9.0	9.8	8.6	8.0	7.7	7.6	7.2	7.7
Child Day Care Services	10.9	10.7	10.5	11.8	12.1	12.4	12.6	12.9	13.9	14.5	15.0	15.9	17.4	17.7	17.6	17.5	17.9	18.3
Community Food & Housing, & Emergency	4.0	3.1	2.9	3.0	3.2	3.0	3.3	2.9	3.2	3.5	3.9	4.5	4.5	4.3	4.4	4.6	4.6	4.8
Leisure & Hospitality	306.7	308.5	303.0	301.9	305.2	309.8	317.6	326.9	331.9	336.1	344.7	348.5	354.2	362.6	372.8	377.8	388.6	397.4
Arts, Entertainment, & Recreation	57.6	56.6	54.4	55.0	55.2	54.2	55.0	57.6	57.8	59.5	62.5	62.9	65.0	66.6	68.4	67.9	71.1	72.0
Performing Arts, Spectator Sports	26.4	27.1	24.7	25.4	24.9	23.8	23.7	25.1	24.3	25.5	28.0	26.8	27.9	29.0	28.7	27.5	29.0	28.9
Independent Artists, Writers, & Performers	8.5	7.5	7.3	8.6	8.1	8.6	8.9	9.6	9.7	10.4	11.2	10.8	11.5	11.4	10.3	9.7	10.5	10.0
Residual-Performing Arts Companies	17.9	19.6	17.4	16.8	16.8	15.2	14.8	15.6	14.7	15.1	16.8	16.1	16.4	17.5	18.4	17.8	18.5	18.8
Museums, Historical Sites, & Similar Institutio	2.0	1.8	1.8	1.7	1.8	2.1	2.3	2.6	3.3	3.5	3.6	3.8	3.9	3.9	4.1	4.2	4.2	4.2
Amusement, Gambling, & Recreation	29.2	27.7	27.9	27.9	28.5	28.3	29.1	29.8	30.2	30.5	30.9	32.3	33.1	33.7	35.6	36.2	37.9	38.8
Gambling Industries	4.8	5.1	5.4	5.6	5.9	6.0	6.0	6.2	6.1	5.9	6.5	6.9	7.2	7.1	7.4	7.9	8.3	8.6
Other Amusement & Recreation	21.8	19.9	19.9	19.5	19.8	19.5	19.9	20.3	21.3	21.5	21.4	22.2	22.5	22.4	23.4	23.9	25.0	26.0
Amusement Parks & Arcades	2.7	2.8	2.7	2.8	2.8	2.8	3.2	3.4	2.9	3.1	3.1	3.3	3.5	4.2	4.8	4.5	4.6	4.3
Accommodation & Food Service	249.1	251.9	248.6	246.8	250.1	255.7	262.6	269.3	274.1	276.7	282.3	285.6	289.3	296.0	304.4	309.9	317.5	325.4
Accommodation	43.0	41.1	37.4	35.5	36.7	37.3	38.5	39.0	40.0	39.4	40.0	39.1	36.9	37.4	38.1	38.5	39.1	40.4
Food Services & Drinking Places	206.1	210.8	211.2	211.3	213.4	218.4	224.1	230.3	234.1	237.3	242.2	246.5	252.3	258.6	266.3	271.3	278.4	285.0
Full-Service Restaurants	92.1	93.7	92.1	90.9	93.4	95.0	96.0	98.3	101.4	105.9	112.4	114.9	118.2	121.3	125.5	128.5	133.5	138.5
Limited-Service Eating Places	89.0	93.5	96.7	97.7	98.2	101.0	105.4	110.1	112.5	111.5	110.8	112.6	112.6	114.6	118.2	120.9	123.4	123.7
Special Food Services	17.3	16.0	15.5	15.9	15.2	15.7	16.0	15.5	13.5	13.3	12.5	12.0	14.4	15.9	16.1	15.5	15.0	16.0
Drinking Places (Alcoholic Beverages)	7.7	7.7	6.9	6.9	6.6	6.7	6.7	6.5	6.8	6.6	6.6	7.0	7.2	6.9	6.5	6.4	6.5	6.8
Other Services	136.7	136.9	132.6	130.7	127.2	131.3	130.6	130.9	135.1	136.8	140.0	143.2	145.6	145.5	144.7	144.3	145.2	147.1
Repair & Maintenance	42.7	42.0	39.9	39.1	38.4	39.5	39.7	39.4	40.1	40.8	41.1	41.2	41.6	41.2	41.4	42.3	43.1	43.3
Personal & Laundry Services	42.2	41.2	39.8	39.0	38.3	39.9	40.5	42.3	43.5	43.8	45.0	45.6	47.0	47.1	46.8	47.1	47.6	48.5
Residual-Personal Care Services	31.4	29.6	27.8	26.5	26.0	26.6	27.3	28.2	28.7	29.3	29.8	29.5	30.3	30.5	31.0	31.4	31.6	31.9
Other Personal Services	10.8	11.6	12.0	12.5	12.4	13.3	13.2	14.0	14.8	14.5	15.2	16.1	16.7	16.6	15.9	15.6	16.0	16.6
Religious, Grantmaking, Civic, Professional & S	51.7	53.7	52.9	52.7	50.4	52.0	50.4	49.3	51.4	52.2	53.9	56.3	57.0	57.1	56.5	54.9	54.5	55.3
Government	539.8	539.9	539.4	531.4	533.7	535.7	533.0	536.3	541.0	561.6	581.3	598.3	606.1	599.3	587.1	583.7	589.4	594.8
Federal Government	71.9	68.7	69.1	66.7	64.9	63.4	61.2	57.9	56.1	57.1	57.9	54.4	54.1	55.5	54.4	53.5	52.3	50.5
Department of Defense	11.1	11.0	11.5	10.6	9.1	8.3	6.7	4.9	4.0	3.8	3.7	3.7	3.6	3.5	3.4	3.2	3.1	3.0
Other Federal Government	60.8	57.8	57.6	56.0	55.8	55.2	54.5	52.9	52.1	53.3	54.2	50.7	50.6	52.0	51.0	50.3	49.2	47.5
State & Local Government	467.9	471.2	470.3	464.7	468.8	472.3	471.8	478.5	484.8	504.6	523.3	543.9	551.9	543.8	532.7	530.2	537.1	544.3
State Government	69.9	70.1	68.3	68.3	69.2	70.5	70.3	70.9	72.6	75.0	77.1	79.5	80.8	80.8	79.0	78.2	79.5	80.6
State Government Education	41.6	41.0	39.5	38.7	38.8	40.0	40.7	41.6	42.8	44.4	46.2	47.5	48.5	48.8	47.6	47.3	48.5	49.1
Other State Government	28.3	29.1	28.8	29.5	30.4	30.4	29.7	29.3	29.8	30.5	30.9	32.0	32.3	32.0	31.3	30.9	31.0	31.5
Local Government	398.1	401.1	402.0	396.4	399.7	401.8	401.5	407.6	412.3	429.6	446.2	464.5	471.1	463.0	453.8	452.0	457.6	463.7
Local Government Education	208.2	208.4	208.9	207.8	209.7	212.4	216.3	222.3	225.9	238.7	249.0	260.4	264.6	256.4	249.2	246.4	247.8	249.1
County	84.8	86.3	87.7	84.4	85.0	84.8	81.1	81.1	83.4	87.0	90.2	93.4	94.1	92.1	91.4	92.4	95.2	98.5
City	85.8	86.6	85.4	84.5	84.9	84.8	84.7	84.9	84.2	84.8	86.9	89.6	91.1	92.6	91.9	92.6	94.3	95.5
Other Local Government	19.3	19.7	19.9	19.8	20.2	19.8	19.4	19.3	18.8	19.1	20.1	21.1	21.3	21.9	21.3	20.6	20.3	20.7
Madera MSA																		
Total Nonfarm	18.8	20.3	21.0	21.6	21.8	23.4	24.0	24.5	25.5	26.7	27.3	27.9	28.9	31.5	33.3	33.5	34.9	35.0
Total Private	14.0	15.1	15.8	16.2	16.2	17.2	17.3	17.5	18.3	19.5	19.8	20.5	20.9	22.7	23.7	23.6	24.7	24.4
Goods Producing	4.7	4.7	4.7	4.5	3.9	4.1	4.0	4.0	4.0	4.5	4.4	4.7	4.9	5.6	5.8	5.9	6.2	5.7
Natural Resources, Mining & Construction	1.5	1.4	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.4	1.5	1.7	1.8	2.3	2.6	2.7	2.9	2.4
Manufacturing	3.2	3.3	3.5	3.5	2.8	2.8	2.8	2.9	2.9	3.1	2.9	3.0	3.1	3.4	3.3	3.2	3.3	3.3
Durable Goods	1.5	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.5	1.6	1.8	1.8	1.8	2.0	1.9	2.0	2.1	2.1
Nondurable Goods	1.7	1.6	1.7	1.9	1.3	1.2	1.2	1.3	1.5	1.4	1.1	1.2	1.3	1.4	1.4	1.2	1.2	1.2
Service Providing	14.0	15.6	16.3	17.1	17.9	19.3	20.0	20.6	21.5	22.3	23.0	23.2	24.0	25.9	27.5	27.6	28.7	29.3
Private Service Producing	9.3	10.4	11.1	11.7	12.3	13.2	13.4	13.6	14.3	15.0	15.4	15.8	16.0	17.1	17.8	17.7	18.4	18.8
Trade, Transportation & Utilities	3.4	3.8	4.0	4.0	4.1	4.3	4.3	4.3	4.3	4.1	4.2	4.5	4.6	4.8	5.0	5.1	5.4	5.3
Wholesale Trade	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
Retail Trade	2.7	2.7	2.9	2.8	2.8	3.0	2.9	2.9	2.9	2.9	3.0	3.1	3.2	3.4	3.5	3.5	3.8	3.8
Food & Beverage Stores	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0
Miscellaneous Store Retailers	2.0	2.0	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.8	2.8
Transportation, Warehousing & Utilities	0.2	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.8	0.8	0.8	0.8	0.8	0.9	1.0
Information	0.6	0.7	0.7	0.8	0.7	0.8	0.8	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
Financial Activities	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.8
Professional & Business Services	0.7	0.7	0.8	0.9	1.1	1.4	1.5	1.7	1.9	2.0	2.2	2.3	2.2	2.3	2.7	2.3	2.5	2.9
Educational & Health Services	1.7	1.9	2.2	2.5	2.6	2.9	3.1	3.5	3.7	4.2	4.4	4.5	4.9	5.4	5.5	5.6	5.8	5.7
Educational Services	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Health Care & Social Assistance	1.6	1.8	2.1	2.4	2.5	2.8	3.0	3.4	3.6	4.1	4.3	4.4	4.8	5.3	5.4	5.5	5.6	5.5
Health Care	1.3	1.4	1.6	1.8	1.8	1.8	2.0	2.5	3.0	3.4	3.7	3.8	4.1	4.7	4.7	4.9	5.0	4.9
Social Assistance	0.3	0.4	0.5	0.6	0.7	1.0	1.0	0.9	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.6
Leisure & Hospitality	1.8	2.0	2.1	2.2	2.3	2.4	2.3	2.2	2.4	2.6	2.5	2.5	2.4	2.4	2.5	2.5	2.6	2.7
Arts, Entertainment, & Recreation	0.1	0.2	0.1	0.2	0.2	0.2	0.1	-	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Accommodation & Food Service	1.6	1.8	2.0	2.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.4
Other Services	0.6	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.8	0.8	0.8	0.6	0.7	0.8	0.9	0.8	0.8
Government	4.8	5.2	5.3	5.4	5.7	6.1	6.7	7.0	7.2	7.3	7.6	7.5	8.0	8.8	9.7	9.9	10.2	10.5
Federal Government	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.5	0.5
State & Local Government	4.5	4.9	4.9	5.1	5.3	5.8	6.3	6.7	6.8	7.0	7.2	7.1	7.6	8.5	9.3	9.5	9.8	10.1
State Government	0.3	0.8	0.8	0.9	1.0	1.3	1.6	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.4

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Local Government	4.1	4.1	4.1	4.2	4.3	4.5	4.7	4.9	5.0	5.0	5.2	5.1	5.7	6.5	7.3	7.3	7.5	7.7
Local Government Education	2.8	2.7	2.7	2.8	2.9	3.0	3.2	3.4	3.5	3.5	3.6	3.7	3.9	3.9	4.0	4.0	4.0	4.2
County	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.4	1.5	1.4
City	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Other Local Government	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.2	1.0	1.6	1.6	1.6	1.7
Merced MSA																		
Total Nonfarm	43.2	45.5	47.8	47.9	48.7	47.3	47.7	49.4	51.6	52.0	52.2	53.1	55.5	56.0	57.1	58.3	58.2	59.0
Total Private	33.5	34.9	35.0	34.8	36.0	36.1	36.5	38.6	39.8	39.9	39.8	40.0	42.1	42.7	43.7	44.2	43.5	43.7
Goods Producing	9.2	10.0	10.6	10.6	10.9	10.7	11.0	12.5	13.9	13.5	12.5	12.1	13.1	13.7	14.4	14.7	13.4	12.6
Natural Resources, Mining & Construction	1.6	1.5	1.5	1.6	1.7	1.5	1.5	1.5	1.8	2.0	2.1	2.3	2.4	3.0	3.3	3.6	3.6	3.2
Natural Resources & Mining	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.8	2.0	2.1	2.3	2.4	3.0	3.3	3.6	3.6	3.2
Manufacturing	7.7	8.4	9.1	9.0	9.2	9.2	9.5	11.0	12.1	11.5	10.4	9.8	10.6	10.7	11.1	11.1	9.7	9.3
Durable Goods	1.9	2.0	2.0	1.9	1.8	1.8	1.9	2.5	2.9	2.8	2.3	1.9	1.8	1.7	1.7	1.8	1.9	1.8
Nondurable Goods	5.8	6.4	7.2	7.1	7.4	7.5	7.6	8.5	9.3	8.7	8.0	7.9	8.9	9.0	9.4	9.3	7.9	7.5
Service Providing	33.9	35.6	37.2	37.4	37.8	36.6	36.7	36.9	37.7	38.5	39.7	41.0	42.5	42.2	42.7	43.6	44.8	46.4
Private Service Producing	24.3	25.0	24.4	24.3	25.1	25.4	25.6	26.1	25.9	26.4	27.6	26.9	28.7	29.0	29.3	29.5	30.1	31.1
Trade, Transportation & Utilities	8.4	8.6	8.6	8.8	9.5	9.4	9.3	9.5	9.7	9.7	10.1	10.3	10.9	10.7	10.9	10.9	11.4	11.9
Wholesale Trade	1.5	1.5	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.8	1.8
Retail Trade	5.6	5.6	5.7	5.8	6.2	6.2	6.1	6.3	6.5	6.6	7.0	6.9	7.1	7.2	7.5	7.5	7.5	7.8
Food & Beverage Stores	1.1	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.7
General Merchandise Stores	1.2	1.2	1.2	1.3	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.8	1.8	1.8
Residual-Miscellaneous Store Retailers	3.3	3.2	3.2	3.2	3.3	3.2	3.3	3.4	3.5	3.6	3.9	3.8	4.0	4.0	4.3	4.3	4.3	4.4
Transportation, Warehousing & Utilities	1.4	1.5	1.4	1.5	1.8	1.8	1.8	1.8	1.7	1.6	1.7	1.9	2.3	2.1	1.9	1.9	2.1	2.3
Information	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.3	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.4	1.4
Financial Activities	2.1	2.1	2.0	1.8	1.7	1.6	1.6	1.6	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.0	1.9
Finance & Insurance	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.2
Real Estate & Rental & Leasing	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7
Professional & Business Services	2.9	3.1	3.0	2.8	2.9	2.9	2.9	2.9	3.1	3.3	3.3	3.4	3.3	3.4	3.3	3.4	3.8	4.1
Educational & Health Services	3.3	3.8	4.3	4.3	4.4	4.4	4.5	4.8	4.6	4.8	5.1	5.1	5.4	5.5	5.5	5.4	5.3	5.6
Leisure & Hospitality	3.0	3.8	4.2	4.2	4.2	4.3	4.4	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.7	4.7	4.8	4.9
Food Services & Drinking Places	2.4	3.3	3.7	3.6	3.6	3.7	3.8	3.6	3.7	3.7	3.7	3.8	3.7	3.7	4.0	4.0	4.0	4.1
Residual-Arts, Entertainment, & Recreation	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8
Other Services	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.5	1.5
Government	12.4	12.4	13.3	13.5	13.2	12.1	11.9	11.6	11.7	11.9	12.2	13.1	13.4	13.3	13.4	14.1	14.7	15.3
Federal Government	1.3	1.3	1.2	1.2	1.2	0.7	0.5	0.4	0.4	0.5	0.5	0.6	0.8	0.8	0.8	0.8	0.7	0.8
State & Local Government	11.0	11.1	12.1	12.3	12.0	11.4	11.4	11.2	11.2	11.4	11.7	12.5	12.6	12.5	12.6	13.3	14.0	14.5
State Government	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.7	1.0	1.3	1.6
State Government Education	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.5	0.8	1.1
Other State Government	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.5	0.5	0.5	0.6
Local Government	-	-	11.5	11.7	11.4	10.8	10.8	10.6	10.6	10.9	11.1	11.9	12.0	11.9	11.9	12.4	12.6	12.9
Modesto MSA																		
Total Nonfarm	117.5	117.8	120.0	121.6	122.2	124.0	127.8	131.7	137.2	141.7	144.2	149.7	150.7	152.3	154.6	159.1	159.8	160.0
Total Private	97.6	96.9	98.6	100.1	100.2	101.4	104.6	108.3	113.5	118.0	120.3	125.2	125.4	127.3	129.6	133.5	133.5	133.7
Goods Producing	30.8	28.4	28.2	28.5	28.6	28.5	29.3	30.2	31.0	31.8	32.4	34.0	33.2	34.5	35.0	36.0	35.4	34.1
Natural Resources, Mining & Construction	7.2	6.7	6.7	6.6	6.4	5.9	6.2	6.7	7.9	9.2	9.8	11.0	10.7	11.4	12.3	13.4	13.2	11.4
Manufacturing	23.6	21.7	21.5	21.9	22.2	22.6	23.2	23.5	23.1	22.7	22.6	23.0	22.5	23.1	22.7	22.6	22.2	22.7
Durable Goods	6.7	6.4	6.2	6.2	6.7	7.0	7.5	7.9	8.0	8.1	8.2	8.2	7.7	7.5	7.8	7.8	7.9	8.0
Nondurable Goods	17.0	15.2	15.3	15.7	15.5	15.5	15.6	15.6	15.1	14.6	14.4	14.9	14.8	15.6	15.0	14.8	14.2	14.8
Food Manufacturing	13.9	12.2	12.1	12.4	12.4	12.6	12.6	12.5	12.0	11.5	11.5	12.0	11.1	11.0	10.5	10.1	9.5	9.8
Residual-Beverage & Tobacco Product Mfg	3.0	3.0	3.2	3.3	3.1	3.0	3.0	3.1	3.1	3.1	3.0	2.9	3.7	4.5	4.4	4.8	4.8	5.0
Service Providing	86.7	89.4	91.8	93.1	93.7	95.5	98.5	101.4	106.2	109.9	111.8	115.7	117.5	117.8	119.7	123.1	124.4	125.9
Private Service Producing	66.8	68.5	70.4	71.6	71.6	72.9	75.3	78.1	82.4	86.2	87.8	91.1	92.2	92.9	94.6	97.5	98.1	99.6
Trade, Transportation & Utilities	25.1	24.6	25.0	25.5	25.0	25.3	25.6	26.6	27.9	29.3	29.3	30.8	31.7	32.0	32.2	33.7	33.6	33.8
Wholesale Trade	4.2	4.0	4.1	4.2	3.9	4.1	4.0	4.5	5.0	5.5	5.4	5.4	5.6	5.7	6.0	6.3	5.9	6.0
Retail Trade	17.0	16.9	17.0	17.3	17.1	17.4	17.8	18.3	19.1	19.8	20.1	21.1	21.7	21.8	21.5	22.3	22.5	22.2
Food & Beverage Stores	3.6	3.8	3.9	3.8	3.7	3.9	3.9	4.1	4.4	4.6	4.6	4.8	4.9	4.7	4.2	4.1	4.4	4.6
Clothing & Clothing Accessories Stores	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.4	1.5	1.4	1.6	1.6	1.7
General Merchandise Stores	3.4	3.4	3.5	3.8	3.7	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.4	4.3	4.9	5.2	5.2
Residual-Miscellaneous Store Retailers	8.8	8.5	8.4	8.5	8.6	8.7	9.2	9.4	9.8	10.1	10.3	10.9	11.1	11.3	11.5	11.7	11.4	10.8
Transportation, Warehousing & Utilities	3.9	3.7	3.8	4.0	3.9	3.9	3.9	3.8	3.8	4.0	3.8	4.3	4.5	4.6	4.7	5.2	5.2	5.6
Information	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.2	2.1	2.2	2.5	2.5	2.4	2.3
Financial Activities	5.1	5.0	5.1	5.2	5.1	5.0	5.2	5.0	5.2	5.3	5.1	5.4	5.6	6.0	6.1	6.2	6.3	6.2
Professional & Business Services	9.6	10.1	10.5	10.3	10.5	10.7	11.3	13.1	15.0	16.2	17.3	16.8	15.0	13.8	14.2	14.9	14.8	14.9
Professional, Scientific & Technical Services	6.5	6.8	7.0	7.0	7.1	7.2	7.5	8.0	8.1	8.4	8.5	8.8	7.7	6.5	6.7	6.9	7.1	7.3
Administrative & Support & Waste Services	3.1	3.3	3.5	3.3	3.4	3.5	3.8	5.1	6.9	7.8	8.7	8.0	7.3	7.3	7.5	8.0	7.7	7.6
Educational & Health Services	11.5	12.3	13.1	14.1	14.3	14.1	14.7	14.9	15.2	15.8	16.4	17.1	18.1	18.9	19.2	19.4	19.9	21.1
Educational Services	0.6	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.0	1.0	1.0	0.9	1.0	1.1	1.2	1.2	1.2	1.3
Health Care & Social Assistance	10.9	11.6	12.4	13.2	13.5	13.1	13.7	13.8	14.2	14.8	15.4	16.2	17.1	17.8	18.1	18.1	18.6	19.9
Health Care	10.0	10.3	11.0	11.8	11.9	11.8	12.6	12.8	13.0	13.6	14.0	14.6	15.1	15.8	16.0	16.2	16.6	17.6
Social Assistance	0.9	1.3	1.4	1.4	1.5	1.3	1.1	1.0	1.1	1.2	1.4	1.6	2.0	2.0	2.1	2.0	2.0	2.3
Leisure & Hospitality	9.5	10.6	10.5	10.2	10.2	11.0	11.4	11.2	11.7	11.9	12.1	13.0	13.6	13.7	14.2	14.8	15.3	15.4
Residual-Arts, Entertainment, & Recreation	2.0	2.3	2.1	2.2	2.0	2.0	2.0	1.9	2.0	1.9	1.9	1.9	2.1	2.2	2.3	2.5	2.6	2.6
Food Services & Drinking Places	7.5	8.3	8.5	8.0	8.2	9.0	9.4	9.3	9.8	10.0	10.2	11.1	11.5	11.5	11.9	12.3	12.7	12.8
Other Services	4.2	4.2	4.4	4.6	4.7	5.0	5.2	5.3	5.6	5.8	5.7	5.9	6.2	6.2	6.2	6.1	5.9	6.0
Government	19.9	20.9	21.4	21.4	22.1	22.6	23.2	23.4	23.7	23.7	23.9	24.6	25.3	24.9	25.1	25.6	26.3	26.3
Federal Government	1.0	0.9	0.8	0.9	0.9	1.1	1.4	1.3	1.2	1.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.1
State & Local Government	18.9	20.0	20.6	20.6	21.2	21.6	21.9	22.1	22.5	22.5	22.6	23.4	24.1	23.7	23.9	24.4	25.1	25.2

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State Government	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.9	1.7	1.7	1.8	1.8
State Government Education	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.4	1.4
Other State Government	-	-	-	-	-	-	-	-	-	-	-	0.4	0.5	0.5	0.4	0.4	0.4	0.4
Local Government	17.5	18.6	19.3	19.2	19.8	20.2	20.5	20.6	20.9	20.9	20.9	21.6	22.2	21.9	22.1	22.7	23.3	23.3
Local Government Education	10.3	10.9	11.4	11.7	12.1	12.3	12.5	12.5	13.0	12.8	12.4	12.7	13.1	13.1	13.3	13.5	14.0	14.1
County	3.7	4.0	4.3	4.0	4.1	4.2	4.2	4.2	4.2	4.4	4.7	5.1	5.1	4.7	4.6	4.9	5.0	5.2
City	1.9	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5	2.5	2.6	2.4
Other Local Government	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.7	1.7
Napa MSA																		
Total Nonfarm	42.2	42.8	43.0	43.0	43.2	44.1	47.1	49.3	52.6	55.5	57.1	61.0	60.9	60.4	60.9	61.6	62.8	63.5
Total Private	33.8	34.2	34.5	34.8	35.0	36.0	38.7	40.9	44.0	46.4	47.6	51.3	50.9	50.7	51.2	51.6	52.8	53.3
Goods Producing	9.3	8.7	9.1	9.5	9.3	9.4	10.4	11.2	12.4	13.2	13.9	15.1	15.2	14.9	15.3	15.9	16.7	16.2
Natural Resources, Mining & Construction	3.1	3.0	2.6	2.6	2.3	2.0	2.2	2.6	3.0	3.2	3.6	4.1	4.3	4.3	4.6	4.5	5.1	4.5
Natural Resources & Mining	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	0.1	0.1
Construction	3.1	2.9	2.5	2.5	2.2	1.9	2.1	2.5	2.9	3.1	3.5	4.0	4.2	4.3	4.6	4.5	5.1	4.4
Manufacturing	6.2	5.9	6.5	6.8	7.0	7.4	8.3	8.6	9.4	10.0	10.3	11.0	10.9	10.5	10.8	11.4	11.6	11.7
Durable Goods	1.0	1.2	1.3	1.2	1.3	1.5	1.7	1.9	2.2	2.5	2.3	2.4	2.4	2.2	2.2	2.4	2.4	2.5
Nondurable Goods	5.1	4.7	5.2	5.7	5.7	5.9	6.6	6.7	7.3	7.5	8.0	8.6	8.5	8.3	8.6	8.9	9.1	9.2
Beverage & Tobacco Product Mfg	4.3	3.7	4.3	4.6	4.6	4.7	5.4	5.4	5.9	6.0	6.3	6.8	6.7	6.7	7.2	7.5	7.7	7.8
Chemical Manufacturing	0.8	1.0	0.9	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.6	1.4	1.4	1.4	1.4
Service Providing	33.0	34.1	34.0	33.5	33.9	34.7	36.7	38.1	40.1	42.3	43.2	45.9	45.7	45.6	45.6	45.8	46.1	47.3
Private Service Producing	24.5	25.5	25.4	25.4	25.7	26.6	28.3	29.7	31.5	33.3	33.7	36.2	35.8	35.8	35.9	35.8	36.1	37.1
Trade, Transportation & Utilities	6.1	6.1	6.0	6.0	6.0	6.2	6.9	7.1	7.5	7.7	8.1	8.8	8.6	9.0	9.0	8.9	9.0	9.3
Wholesale Trade	0.6	0.8	0.9	0.8	0.9	1.0	1.1	1.1	1.1	1.1	1.3	1.3	1.2	1.3	1.4	1.4	1.5	1.7
Retail Trade	4.8	4.4	4.4	4.4	4.3	4.4	4.9	5.1	5.4	5.6	5.8	6.3	6.1	6.2	6.2	6.2	6.1	6.1
Transportation, Warehousing & Utilities	0.8	0.9	0.8	0.8	0.9	0.8	0.9	0.9	1.0	1.0	1.1	1.3	1.3	1.5	1.4	1.3	1.4	1.6
Information	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7
Financial Activities	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.6	2.8	3.0	2.7	2.5	2.7	2.8	2.6
Finance & Insurance	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.3	1.4	1.3	1.4	1.6	1.6	1.5	1.7	1.8	1.7
Real Estate & Rental & Leasing	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.1	1.0	1.1	1.0	0.9
Professional & Business Services	3.0	3.6	3.6	3.6	3.8	4.1	4.4	4.7	5.0	5.9	5.9	5.9	5.5	5.4	5.5	5.4	5.7	6.0
Residual-Professional, Scientific & Technical Se	1.7	2.3	2.3	2.2	2.1	2.3	2.4	2.4	2.5	3.2	3.5	3.1	2.1	2.0	2.0	2.0	2.1	2.5
Administrative & Support & Waste Services	1.4	1.3	1.3	1.4	1.6	1.9	2.0	2.3	2.5	2.8	2.4	2.8	3.4	3.3	3.5	3.4	3.6	3.5
Educational & Health Services	5.7	6.1	6.2	6.1	6.2	6.3	6.5	6.7	7.2	7.3	7.3	7.9	8.1	7.8	7.9	7.8	7.7	7.8
Educational Services	1.0	1.4	1.4	1.0	1.1	1.0	1.2	1.3	1.4	1.4	1.3	1.6	1.9	1.8	1.9	1.8	1.9	1.8
Health Care & Social Assistance	4.7	4.7	4.9	5.1	5.1	5.3	5.3	5.4	5.8	5.9	6.0	6.3	6.2	6.0	6.0	6.0	5.9	6.1
Health Care	4.2	4.2	4.3	4.5	4.5	4.7	4.6	4.7	5.0	5.1	5.2	5.3	5.1	5.0	5.0	4.9	4.9	5.1
Social Assistance	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.9	0.9	0.8	1.0	1.1	1.0	1.0	1.1	0.9	1.0
Leisure & Hospitality	5.9	5.7	5.6	5.6	5.7	6.0	6.4	7.0	7.2	7.6	7.7	8.3	8.0	8.4	8.5	8.5	8.5	9.1
Arts, Entertainment, & Recreation	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.8
Accommodation & Food Service	5.2	5.0	4.9	4.9	4.9	5.3	5.8	6.3	6.4	6.8	6.8	7.4	7.2	7.5	7.6	7.7	7.7	8.3
Accommodation	1.8	1.9	1.8	1.8	1.7	1.9	2.0	2.2	2.2	2.4	2.4	2.6	2.5	2.6	2.8	2.8	2.8	3.0
Food Services & Drinking Places	3.4	3.1	3.1	3.1	3.2	3.4	3.9	4.1	4.3	4.4	4.5	4.8	4.7	4.8	4.8	5.0	4.9	5.2
Other Services	0.9	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.6	1.7	1.8	1.8	1.8	1.7	1.7
Government	8.5	8.6	8.6	8.2	8.2	8.1	8.4	8.5	8.6	9.0	9.5	9.7	9.9	9.7	9.7	10.0	10.0	10.2
Federal Government	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
State & Local Government	8.1	8.3	8.3	7.9	7.9	7.8	8.1	8.2	8.2	8.6	9.0	9.3	9.5	9.3	9.3	9.6	9.6	9.8
State Government	3.5	3.6	3.5	3.1	3.0	3.1	3.2	3.0	3.0	3.2	3.4	3.5	3.5	3.4	3.4	3.4	3.5	3.5
Local Government	4.6	4.7	4.8	4.8	4.9	4.8	5.0	5.2	5.2	5.4	5.6	5.8	6.0	5.9	6.0	6.2	6.1	6.3
Local Government Education	2.9	3.0	3.0	3.1	3.1	3.0	3.1	3.3	3.3	3.4	3.5	3.6	3.7	3.6	3.6	3.8	3.7	3.9
County	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	1.4	1.4	1.5	1.4	1.5
City	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.8
Other Local Government	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Oakland-Fremont-Hayward Metro. Div.																		
Total Nonfarm	879.2	879.7	870.2	873.5	877.4	897.5	916.4	947.8	976.2	1,008.0	1,044.6	1,054.8	1,039.8	1,025.6	1,023.7	1,032.2	1,045.4	1,047.6
Total Private	711.2	711.0	700.4	703.9	707.5	727.7	748.3	779.9	807.3	834.9	868.0	875.9	855.7	843.3	843.9	852.2	863.4	860.8
Goods Producing	158.2	149.8	142.3	137.9	137.7	145.2	154.0	162.7	170.0	174.6	184.9	184.5	171.4	166.0	169.2	169.5	170.3	167.3
Natural Resources & Mining	3.2	3.1	3.2	3.1	2.7	2.4	2.3	2.4	2.2	2.3	2.4	1.6	1.2	0.9	1.2	1.1	1.2	1.2
Construction	49.9	45.7	41.0	40.3	40.1	42.5	45.9	48.9	53.2	60.0	65.6	69.7	66.6	67.1	69.8	72.8	73.3	72.4
Construction of Buildings	12.5	10.7	9.6	9.9	10.0	10.4	10.5	10.8	12.3	13.8	14.5	15.4	15.9	16.9	17.9	18.7	18.9	17.7
Residential Building Construction	7.7	6.9	6.2	6.4	6.1	5.9	6.4	6.8	7.9	8.9	9.5	10.7	11.2	12.2	12.8	13.3	13.3	12.2
Nonresidential Building Construction	4.8	3.8	3.4	3.5	4.0	4.6	4.1	4.0	4.4	4.8	4.9	4.7	4.6	4.8	5.1	5.4	5.6	5.6
Heavy & Civil Engineering Construction	7.6	6.9	6.5	6.6	6.0	6.2	7.9	7.3	7.4	8.0	8.8	9.9	9.1	8.7	8.8	9.5	9.7	9.2
Highway, Street, & Bridge Const	3.6	3.0	3.2	3.3	2.8	2.9	3.6	3.3	3.1	3.2	3.7	4.0	4.0	3.9	3.5	3.9	3.9	3.5
Residual-Other Heavy & Civil Engineer	4.0	4.0	3.3	3.3	3.1	3.3	4.2	4.0	4.3	4.8	5.1	5.9	5.1	4.8	5.3	5.6	5.8	5.8
Specialty Trade Contractors	29.9	28.1	25.0	23.8	24.1	25.9	27.6	30.8	33.6	38.3	42.3	44.4	41.6	41.4	43.1	44.7	44.7	45.4
Building Foundation & Exterior Contractors	6.3	5.9	5.6	5.2	5.6	6.5	7.3	7.8	8.6	9.5	10.3	10.4	9.6	9.6	10.0	11.2	11.1	10.4
Building Equipment Contractors	11.2	10.6	8.7	8.7	8.9	9.3	9.3	10.6	11.6	13.1	14.8	15.5	14.5	13.7	14.0	13.9	14.2	15.1
Other Specialty Trade Contract	12.4	11.6	10.7	9.9	9.7	10.2	11.0	12.4	13.3	15.8	17.2	18.6	17.5	18.2	19.1	19.6	19.4	19.9
Manufacturing	105.1	101.0	98.1	94.5	94.9	100.2	105.8	111.4	114.6	112.2	116.9	113.2	103.6	98.0	98.2	95.6	95.8	93.7
Durable Goods	57.4	56.3	53.5	52.6	54.5	58.7	65.2	69.9	72.9	72.2	76.4	73.1	64.9	61.3	62.3	60.8	61.2	59.3
Computer & Electronic Product Manufacturing	18.0	19.4	17.6	16.8	17.2	19.4	22.9	25.6	27.9	28.2	30.0	28.6	24.4	21.8	22.4	21.6	21.2	19.9
Transportation Equipment Manufacturing	6.2	5.7	6.4	6.4	6.7	7.1	7.3	7.3	7.5	7.3	7.3	7.4	8.0	7.9	7.9	7.8	7.7	7.6
Residual-Miscellaneous Manufacturing	33.2	31.3	29.6	29.3	30.5	32.2	35.0	37.0	37.5	36.6	39.1	37.1	32.5	31.7	32.0	31.4	32.3	31.8
Nondurable Goods	47.7	44.7	44.6	42.0	40.4	41.6	40.6	41.5	41.7	40.0	40.5	40.1	38.7	36.8	35.9	34.9	34.6	34.4
Petroleum & Coal Products Manufacturing	9.1	9.4	8.8	7.8	6.4	6.4	5.9	6.3	7.0	6.9	6.8	7.1	7.2	7.0	6.9	6.6	6.8	7.3
Chemical Manufacturing	10.0	9.3	9.5	9.3	8.5	8.4	7.7	8.1	7.3	7.4	7.8	8.1	8.1	7.8	7.3	7.1	7.2	7.2
Residual-Food Manufacturing	28.6	26.0	26.3	24.9	25.5	26.8	27.0	27.1	27.4	25.7	25.8	24.8	23.4	22.0	21.8	21.2	20.6	19.9

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Service Providing	721.0	729.8	727.8	735.6	739.7	752.3	762.5	785.1	806.2	833.4	859.7	870.3	868.5	859.5	854.5	862.6	875.1	880.4
Private Service Producing	553.0	561.1	558.1	566.1	569.7	582.5	594.3	617.2	637.3	660.4	683.2	691.4	684.3	677.3	674.8	682.7	693.1	693.5
Trade, Transportation & Utilities	178.2	180.6	177.3	178.3	179.7	183.8	186.5	193.2	195.6	202.9	208.5	210.0	204.6	197.2	193.8	195.0	197.1	198.1
Wholesale Trade	41.1	40.9	41.4	41.1	41.2	42.3	43.8	46.5	49.8	51.5	53.8	55.4	53.1	50.6	49.2	48.6	48.8	48.8
Merchant Wholesalers, Durable Goods	22.0	22.1	22.6	22.7	23.2	24.1	25.7	26.8	27.6	28.7	30.7	32.1	29.2	26.6	25.5	25.1	25.0	24.4
Merchant Wholesalers, Nondurable Goods	12.7	12.5	12.6	13.1	13.2	13.3	13.1	14.4	16.7	17.4	17.6	17.5	17.9	18.1	17.7	17.5	18.0	18.6
Wholesale Electronic Markets & Agents & Brok	6.4	6.4	6.2	5.3	4.8	4.9	5.1	5.2	5.5	5.5	5.5	5.8	6.0	5.9	6.0	6.0	5.7	5.8
Retail Trade	103.8	105.3	102.2	103.3	102.4	103.6	103.9	106.6	105.7	109.6	112.8	113.3	112.0	110.5	110.5	112.1	113.3	113.1
Motor Vehicle & Parts Dealer	11.1	10.5	10.1	10.1	10.2	10.8	11.4	12.1	12.2	12.9	13.2	13.5	13.5	13.3	13.2	13.0	12.8	12.8
Food & Beverage Stores	24.8	22.9	21.6	21.4	21.6	21.7	20.6	20.7	21.0	21.9	22.6	23.9	24.7	24.2	23.8	23.3	24.7	25.8
Grocery Stores	20.3	19.5	18.3	18.0	18.1	18.0	16.8	16.8	17.0	17.6	18.1	19.5	20.3	20.1	19.8	19.6	21.4	22.4
Residual-Specialty Food Stores	4.5	3.4	3.4	3.4	3.5	3.7	3.8	3.9	4.0	4.3	4.4	4.4	4.4	4.1	4.0	3.7	3.3	3.4
Health & Personal Care Stores	6.5	7.3	7.2	7.2	6.8	7.0	7.1	7.4	7.5	7.7	7.8	7.4	6.7	6.7	6.8	6.9	6.9	7.0
Clothing & Clothing Accessories Stores	11.3	10.5	10.0	10.2	10.2	9.9	9.6	9.5	9.6	10.1	10.4	10.2	9.7	9.8	9.9	10.3	10.2	10.0
Sporting Goods, Hobby, Book & Music Stores	7.9	7.3	6.9	7.0	6.7	6.7	6.5	6.5	6.8	6.7	7.0	7.2	6.9	6.5	6.5	6.7	6.2	5.7
General Merchandise Stores	17.3	17.3	17.4	17.3	15.9	15.7	15.9	16.3	16.5	16.5	16.9	16.8	17.2	17.5	17.8	19.0	19.4	19.4
Miscellaneous Store Retailers	7.0	7.0	6.6	6.5	6.7	7.1	7.6	7.8	7.9	7.9	7.6	7.7	7.3	6.8	6.8	6.8	7.0	6.8
Residual-Furniture & Home Furnishings Stores	18.0	22.5	22.4	23.6	24.3	24.8	25.4	26.2	24.3	25.9	27.3	26.7	26.0	25.7	25.8	26.1	26.1	25.6
Transportation, Warehousing & Utilities	33.2	34.4	33.7	33.9	36.1	38.0	38.8	40.2	40.1	41.7	41.8	41.3	39.5	36.0	34.2	34.3	35.0	36.1
Utilities	4.7	4.8	4.9	4.7	4.4	3.6	3.3	3.4	3.4	3.5	3.4	3.3	3.3	3.0	2.9	2.8	3.0	3.5
Transportation & Warehousing	28.6	29.6	28.8	29.2	31.8	34.4	35.5	36.8	36.7	38.2	38.4	38.0	36.2	33.0	31.2	31.6	32.0	32.7
Air Transportation	2.6	2.5	2.4	2.6	2.8	3.9	4.3	4.4	4.2	4.6	4.8	4.8	4.5	4.0	3.2	3.1	3.0	3.1
Residual-Rail Transportation	8.9	9.2	8.1	6.4	7.9	8.4	8.3	8.4	8.5	9.5	9.4	9.3	10.5	9.9	9.2	9.5	10.1	10.7
Truck Transportation	8.1	8.5	8.3	8.5	8.4	8.7	8.7	8.9	8.4	8.4	8.5	8.6	7.7	7.0	7.2	7.5	7.6	7.6
Couriers & Messengers	3.8	4.4	4.9	6.2	7.3	8.0	8.8	9.1	9.6	9.9	10.0	10.4	9.7	8.5	7.8	7.7	7.4	7.3
Warehousing & Storage	5.1	5.1	5.2	5.5	5.3	5.4	5.4	5.9	6.1	5.8	5.7	5.0	3.8	3.6	3.8	3.7	3.9	4.0
Information	29.7	31.5	29.5	28.9	29.1	29.1	29.7	32.6	34.3	35.0	39.1	37.7	35.2	32.6	31.3	30.7	30.1	29.4
Publishing Industries (except Internet)	5.0	5.1	5.3	5.7	6.3	7.0	7.8	9.3	9.8	9.9	11.0	10.9	9.6	8.6	7.7	7.2	6.9	6.6
Newspaper, Periodical, Book & Directory Publi	3.5	3.8	3.9	3.7	3.8	4.1	4.3	4.5	4.3	4.2	4.3	4.3	4.5	4.6	4.3	4.0	3.9	3.6
Software Publishers	1.5	1.2	1.5	2.0	2.5	2.9	3.5	4.8	5.5	5.7	6.7	6.6	5.2	4.1	3.4	3.2	3.0	3.0
Telecommunications	20.2	21.4	18.6	17.7	17.4	16.7	16.3	17.9	18.3	18.0	18.1	17.7	15.9	14.5	14.3	14.2	14.1	13.7
Residual-Motion Picture & Sound Recording	4.3	5.1	5.6	5.5	5.4	5.4	5.7	5.4	6.2	7.1	9.9	9.2	9.6	9.5	9.2	9.2	9.1	9.1
Financial Activities	57.4	54.9	54.3	53.8	52.3	50.6	49.9	48.4	48.8	50.7	52.5	58.6	62.5	67.7	67.6	69.5	67.7	62.3
Finance & Insurance	40.7	37.7	38.5	37.7	36.3	34.4	33.3	31.4	31.8	33.1	34.9	40.3	44.2	49.4	49.5	50.8	49.4	45.4
Credit Intermediation & Related Activities	26.1	22.8	22.4	22.8	21.4	19.7	19.1	17.0	16.7	16.7	18.8	22.5	24.3	25.4	25.5	26.1	25.3	23.3
Securities, Commodity Contracts & Investment	2.7	2.8	3.5	2.7	2.7	2.7	2.8	2.8	3.0	3.3	3.8	4.3	4.7	4.9	5.2	5.5	5.3	5.4
Insurance Carriers & Related	11.9	12.2	12.6	12.2	12.2	12.1	11.5	11.6	12.1	13.1	12.7	13.5	15.2	19.2	18.7	19.1	18.8	16.8
Real Estate & Rental & Leasing	16.8	17.2	15.7	16.0	16.0	16.2	16.6	17.0	16.9	17.6	17.6	18.3	18.3	18.2	18.1	18.7	18.2	16.9
Real Estate	10.9	10.9	10.8	11.5	11.5	11.4	11.6	11.5	11.1	11.5	11.4	11.8	12.1	12.4	12.5	12.7	12.5	11.7
Residual-Rental & Leasing Services	5.8	6.3	4.9	4.6	4.5	4.8	5.1	5.4	5.8	6.0	6.2	6.5	6.2	5.9	5.7	6.0	5.8	5.2
Professional & Business Services	107.9	111.6	112.4	116.4	119.1	123.7	129.7	142.4	151.6	159.1	166.3	159.0	149.6	144.9	147.7	150.6	154.9	155.5
Professional, Scientific & Technical Services	44.6	47.2	47.9	48.5	47.7	50.0	49.0	52.4	55.9	59.8	67.2	71.2	69.4	68.1	70.2	72.4	74.4	75.4
Architectural, Engineering & Related Services	10.8	11.0	11.0	10.9	10.2	10.1	10.2	10.9	11.6	12.5	13.6	14.6	14.8	14.6	14.9	15.5	15.9	16.1
Computer Systems Design & Related Services	5.0	6.2	6.5	6.5	7.0	7.4	8.3	10.7	12.6	14.6	18.1	18.4	16.2	15.5	16.6	16.8	17.4	18.2
Residual-Other Professional, Scientific & Tech	28.8	30.0	30.5	31.1	30.5	32.4	30.6	30.8	31.7	32.8	35.4	38.2	38.4	38.0	38.7	40.0	41.1	41.1
Management of Companies & Enterprises	17.4	18.8	20.1	21.4	22.3	22.1	22.6	27.1	31.0	32.1	28.9	26.1	24.8	23.4	22.1	22.4	23.1	22.7
Administrative & Support & Waste Services	45.9	45.7	44.3	46.5	49.1	51.7	58.0	62.9	64.7	67.2	70.1	61.7	55.4	53.5	55.4	55.8	57.5	57.4
Administrative & Support Services	42.8	42.5	41.0	43.0	45.4	48.0	54.1	59.0	60.9	63.3	66.2	57.5	51.5	49.2	50.9	51.3	52.8	52.6
Employment Services	15.9	15.2	14.7	15.8	18.0	19.5	23.6	27.2	30.9	32.8	35.1	25.6	21.2	19.9	21.3	21.9	21.9	21.6
Investigation & Security Services	5.6	5.7	5.4	5.6	5.8	6.4	6.8	7.1	6.8	7.4	7.3	7.3	6.7	6.5	6.2	6.5	7.6	7.4
Services to Buildings & Dwellings	12.0	11.2	11.0	11.2	11.1	11.2	12.6	12.7	12.2	12.7	13.5	14.0	13.8	13.2	13.5	13.7	13.9	13.8
Residual-Other Support Services	9.4	10.4	9.9	10.4	10.5	10.9	11.1	12.0	11.0	10.4	10.2	10.6	9.9	9.6	9.9	9.1	9.4	9.9
Waste Management & Remediation Services	3.1	3.2	3.3	3.5	3.7	3.7	3.9	3.9	3.8	3.9	4.0	4.3	4.0	4.2	4.4	4.5	4.7	4.8
Educational & Health Services	88.5	90.9	93.3	96.0	95.4	97.5	97.2	100.1	105.8	109.2	111.0	112.5	114.7	117.0	117.2	118.5	121.8	124.7
Educational Services	12.1	11.4	12.0	12.5	12.6	13.0	12.1	13.2	13.6	13.5	14.8	15.4	16.2	17.9	18.3	19.0	19.1	19.4
Health Care & Social Assistance	76.4	79.5	81.3	83.5	82.8	84.5	85.1	86.9	92.3	95.6	96.2	97.1	98.4	99.2	98.9	99.5	102.8	105.3
Ambulatory Health Care Services	29.0	30.2	30.7	32.1	32.0	32.5	33.2	33.8	35.3	36.5	36.9	38.7	37.7	35.1	35.8	36.5	37.2	37.4
Hospitals	25.4	26.1	26.8	25.8	25.2	26.0	25.0	25.0	27.4	28.3	28.6	27.4	29.1	32.1	31.9	32.1	32.7	32.5
Nursing & Residential Care Facilities	11.3	11.7	12.6	13.9	13.7	13.9	14.5	14.5	15.2	16.2	16.1	16.0	16.8	17.2	17.1	16.4	17.1	17.6
Social Assistance	10.7	11.4	11.3	11.7	11.9	12.1	12.5	13.7	14.4	14.6	14.7	15.1	14.8	14.7	14.1	14.4	15.7	17.8
Leisure & Hospitality	63.8	63.9	64.1	65.2	65.7	68.7	71.4	70.3	70.8	72.4	73.9	77.9	79.9	80.4	80.6	83.0	85.6	87.5
Arts, Entertainment, & Recreation	11.5	10.6	10.4	11.1	11.1	12.3	12.9	11.2	11.2	12.1	13.1	14.2	14.8	14.5	14.2	14.6	14.7	14.7
Accommodation & Food Service	52.3	53.3	53.7	54.0	54.6	56.4	58.5	59.1	59.6	60.3	60.8	63.7	65.1	65.9	66.4	68.4	70.9	72.8
Accommodation	6.6	6.2	6.1	6.0	5.7	5.6	5.5	5.9	6.2	6.4	7.0	7.3	7.5	7.1	6.7	6.9	7.3	7.4
Food Services & Drinking Places	45.6	47.1	47.6	48.0	48.9	50.8	53.0	53.2	53.4	53.8	53.8	56.4	57.6	58.8	59.7	61.5	63.6	65.5
Other Services	27.5	27.7	27.2	27.6	28.5	29.1	29.9	30.2	30.5	31.1	32.0	35.8	37.8	37.5	36.6	35.6	35.9	36.2
Repair & Maintenance	9.5	9.7	9.3	9.4	9.8	10.3	11.0	11.2	11.2	11.3	11.5	12.0	12.3	12.6	12.2	12.3	12.1	11.8
Personal & Laundry Services	8.0	8.1	8.3	8.3	8.2	8.3	8.3	8.4	8.7	9.0	9.4	9.8	9.4	9.1	9.2	9.1	9.2	8.9
Religious, Grantmaking, Civic, Professional & S	10.1	9.8	9.7	9.9	10.5	10.6	10.7	10.6	10.6	10.8	11.0	14.0	16.2	15.8	15.2	14.2	14.7	15.5
Government	168.0	168.7	169.8	169.6	169.9	169.8	168.2	167.9	168.9	173.0	176.6	178.8	184.2	182.3	179.7	180.0	182.0	186.8
Federal Government	31.0	30.3	30.2	29.0	28.1	26.8	24.7	22.1	20.9	20.4	21.0	19.2	18.6	18.6	17.6	17.3	17.3	17.1
Department of Defense	12.1	11.9	12.3	11.8	10.2	8.5	6.5	3.9	2.4	1.3	0.9	0.7	0.6	0.5	0.5	0.4	0.4	0.3
Other Federal Government	18.9	18.4	17.9	17.3	17.9	18.3	18.1	18.2	18.5	19.0	20.1	18.5	18.0	18.1	17.1	16.9	16.9	16.8
State & Local Government	137.0	138.4	139.6	140.6	141.8	143.0	143.5	145.8	148.0	152.7	155.6	159.6	165.6	163.7	162.2	162.7	164.7	169.8
State Government	40.7	40.4	41.4	42.8	43.4	43.8	43.2	43.0	43.9	45.6	45.9	47.3	49.1	48.8	47.0	46.2	45.8	46.4
State Government Education	23.3	23.0	22.9	22.9	23.4	23.9	24.0	24.3	24.6	25.1	25.1	26.0	27.0	26.7	25.8	25.6	25.7	26.1
Other State Government	17.4	17.4	18.5	19.9	20.0	19.9	19.3	18.7	19.3	20.5	20.8	21.2	22.1	22.1	21.3	20.6	20.2	20.2
Local Government	96.3	98.0	98.2	97.7	98.4	99.2	100.3	102.8	104.1	107.1	109.7	112.3	116.5	115.0	115.1	116.5	118.9	123.4
Local Government Education	45.8	46.1	45.6	46.3	46.9	47.5	49.0	51.7	53.4	55.3	56.5	57.5	59.6	57.8	58.4	59.7	61.7	65.5
County	19.0	19.4	19.8	19.4	19.6	19.8	19.6	19.8	20.2	20.8	21.5	22.2	23.6	24.1	23.2	22.1	22.2	22.4
City	16.4	16.9	16.9	16.5	16.5	16.6	16.7	17.1	17.4	17.8	18.3	18.9	19.3	19.1	18.8	19.0	19.1	19.6
Other Local Government	15.1	15.6	15.9	15.7	15.4	15.2	15.0	14.1	13.1	13.3	13.4	13.7	14.1	14.0	14.8	15.8	15.9	15.9

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Santa Ana-Anaheim-Irvine Metro. Div.																		
Total Nonfarm	1,172.4	1,143.7	1,126.0	1,115.4	1,126.8	1,151.7	1,184.3	1,233.8	1,299.1	1,345.2	1,388.9	1,413.7	1,403.7	1,429.0	1,456.7	1,491.0	1,518.9	1,513.0
Total Private	1,046.3	1,015.0	998.4	987.7	997.6	1,023.5	1,054.6	1,101.1	1,162.8	1,204.1	1,242.3	1,262.8	1,248.6	1,274.8	1,303.3	1,335.6	1,362.2	1,353.7
Goods Producing	290.7	269.5	252.8	237.2	237.6	241.7	254.4	267.3	279.2	284.7	292.7	289.8	270.6	268.1	276.3	283.5	289.9	284.5
Natural Resources & Mining	1.3	1.2	1.0	0.9	0.8	0.7	0.7	0.8	1.0	0.8	0.6	0.6	0.6	0.5	0.6	0.7	0.6	0.6
Construction	63.9	56.9	51.2	46.9	48.7	51.3	54.2	58.9	64.9	71.8	76.6	80.7	79.2	83.7	92.2	99.9	106.6	103.7
Construction of Buildings	14.5	12.9	11.2	10.8	11.1	11.5	12.2	12.6	14.3	15.9	16.9	17.4	16.8	17.9	19.9	22.7	24.2	24.4
Heavy & Civil Engineering Construction	8.9	8.0	7.0	6.1	6.5	7.3	7.3	8.1	7.0	6.8	7.3	6.7	7.1	7.3	7.3	7.5	8.5	8.6
Specialty Trade Contractors	40.6	36.0	33.1	30.0	31.0	32.6	34.8	38.2	43.6	49.2	52.4	56.6	55.3	58.4	65.0	69.7	73.9	70.7
Manufacturing	225.4	211.4	200.6	189.4	188.1	189.6	199.4	207.6	213.3	212.1	215.5	208.5	190.8	183.9	183.5	182.9	182.7	180.3
Durable Goods	163.4	151.3	141.9	131.8	129.9	130.8	139.4	146.4	152.5	150.5	152.5	147.8	133.6	127.2	127.1	128.3	128.0	126.1
Fabricated Metal Product Mfg	23.5	22.1	20.2	19.2	19.2	20.7	22.3	23.9	25.2	24.9	24.9	25.3	22.6	21.9	22.9	23.0	23.5	24.1
Machinery Manufacturing	15.6	14.9	14.1	13.6	12.8	13.2	13.4	14.0	14.8	14.0	13.4	12.3	11.4	11.4	10.9	11.2	11.2	11.0
Computer & Electronic Product Manufacturing	59.3	55.4	52.5	48.1	47.1	46.7	49.5	49.8	51.1	49.3	50.4	49.5	44.2	41.8	42.3	42.5	42.1	40.7
Semiconductor & Electronic Component Man	15.2	13.9	13.2	12.6	13.0	14.9	18.1	18.6	18.6	18.3	19.9	19.8	16.5	13.4	13.7	14.5	15.1	14.7
Electronic Instrument Manufacturing	28.0	27.1	25.8	22.2	21.4	18.1	17.2	17.2	18.4	17.2	16.4	16.2	15.9	17.9	18.5	18.2	17.8	16.9
Residual-Magnetic Media Manufacturing & Re	16.1	14.4	13.5	13.3	12.7	13.7	14.3	14.0	14.1	13.7	14.0	13.5	11.8	10.5	10.0	9.9	9.2	9.1
Transportation Equipment Manufacturing	23.2	22.6	20.2	17.5	16.5	16.4	17.4	19.7	20.3	20.3	20.6	19.5	18.1	17.2	17.3	17.0	16.7	15.8
Aerospace Product & Parts Manufacturing	18.2	18.0	15.1	12.5	11.2	10.9	11.3	12.9	13.7	13.7	14.1	13.0	11.7	10.9	11.1	11.3	11.3	11.0
Residual-Other Transportation Equipment Ma	5.0	4.7	5.0	5.0	5.3	5.5	6.1	6.8	6.6	6.6	6.5	6.5	6.5	6.3	6.2	5.7	5.4	4.8
Residual-Miscellaneous Manufacturing	41.9	36.2	35.0	33.3	34.3	33.8	36.8	39.1	41.2	42.0	43.3	41.3	37.2	34.9	33.8	34.6	34.5	34.5
Nondurable Goods	62.1	60.1	58.7	57.7	58.2	58.8	60.0	61.2	60.8	61.6	63.0	60.7	57.2	56.7	56.4	54.6	54.7	54.2
Service Providing	881.8	874.2	873.2	878.2	889.3	910.0	929.9	966.5	1,020.0	1,060.5	1,096.2	1,123.9	1,133.1	1,160.9	1,180.5	1,207.4	1,229.0	1,228.4
Private Service Producing	755.6	745.5	745.6	750.5	760.0	781.8	800.3	833.9	883.6	919.4	949.6	973.0	978.0	1,006.7	1,027.1	1,052.1	1,072.3	1,069.2
Trade, Transportation & Utilities	215.6	215.4	214.0	215.3	220.7	229.0	231.9	237.4	245.8	252.8	258.0	264.4	262.5	265.0	264.9	269.8	272.8	276.5
Wholesale Trade	63.3	62.1	63.2	63.2	64.7	68.4	72.0	75.5	78.3	80.9	80.8	83.9	82.4	83.2	82.4	83.0	83.7	87.1
Merchant Wholesalers, Durable Goods	40.5	38.8	38.9	38.7	39.3	42.1	44.9	47.6	50.2	52.2	51.4	53.7	51.4	50.1	47.7	48.0	48.3	49.4
Merchant Wholesalers, Nondurable Goods	13.4	13.8	14.7	14.7	15.6	16.4	17.4	18.4	18.7	19.3	20.1	20.5	20.8	21.7	22.3	21.6	22.3	23.1
Wholesale Electronic Markets & Agents & Brok	9.5	9.5	9.6	9.8	9.8	10.0	9.8	9.4	9.4	9.4	9.3	9.7	10.3	11.4	12.5	13.3	13.1	14.6
Retail Trade	128.0	127.3	124.6	124.4	125.5	129.8	130.0	132.3	138.9	142.8	147.0	150.1	151.4	152.8	153.2	158.1	160.8	160.7
Motor Vehicle & Parts Dealer	14.8	14.5	14.1	14.2	14.7	15.2	15.7	16.3	17.7	18.0	18.4	18.5	19.0	19.7	20.0	20.3	20.2	19.7
Building Material & Garden Equipment Stores	9.5	9.0	8.9	8.1	7.4	7.4	7.7	8.4	8.8	9.7	10.9	11.7	11.5	11.7	11.9	12.2	12.4	11.9
Food & Beverage Stores	23.3	23.2	23.5	23.6	22.6	22.5	22.2	22.5	23.4	24.2	22.8	24.8	25.5	25.3	25.5	26.3	26.5	27.6
Grocery Stores	19.4	18.6	19.6	20.2	18.8	19.4	19.4	19.6	20.3	21.1	19.8	21.4	21.8	21.8	22.2	22.9	23.2	24.3
Residual-Specialty Food Stores	3.8	4.6	3.9	3.3	3.8	3.1	2.8	2.9	3.1	3.1	3.1	3.4	3.6	3.5	3.3	3.4	3.3	3.3
Health & Personal Care Stores	8.2	8.2	8.2	7.9	8.0	8.5	8.9	9.0	8.9	8.5	9.0	9.5	9.7	10.0	10.2	9.8	10.0	10.4
Clothing & Clothing Accessories Stores	15.4	13.6	13.7	13.9	15.4	15.5	14.6	14.8	15.1	16.1	17.1	17.6	18.3	18.7	19.3	20.7	21.3	21.2
Sporting Goods, Hobby, Book & Music Stores	8.6	7.7	7.6	8.0	7.6	8.0	8.0	7.5	7.9	8.7	8.7	8.9	8.5	8.4	8.4	8.4	8.6	8.7
General Merchandise Stores	20.7	18.4	19.9	19.2	19.0	19.8	19.5	19.5	21.0	20.7	20.7	20.8	21.8	22.4	22.4	24.1	25.2	25.1
Residual-Miscellaneous Store Retailers	27.5	32.8	28.8	29.7	30.7	32.9	33.5	34.3	36.2	37.0	39.4	38.4	37.2	36.6	35.5	36.3	36.6	36.1
Transportation, Warehousing & Utilities	24.2	26.0	26.2	27.7	30.5	30.8	29.9	29.6	28.6	29.0	30.3	30.4	28.7	29.0	29.2	28.7	28.2	28.7
Utilities	3.0	3.0	3.0	3.1	3.0	3.0	2.7	2.6	2.7	2.9	3.4	3.4	3.6	3.5	3.5	3.5	3.6	3.8
Transportation & Warehousing	21.2	23.0	23.2	24.7	27.5	27.8	27.1	27.1	25.9	26.2	26.9	27.0	25.1	25.5	25.7	25.2	24.7	25.0
Residual-Air Transportation	11.2	12.4	13.0	14.6	17.3	17.2	16.1	15.4	14.2	14.1	13.4	14.1	13.4	13.1	13.1	12.9	12.7	12.8
Couriers & Messengers	4.2	4.7	4.6	5.2	5.7	6.6	7.6	7.8	7.4	7.5	8.2	7.8	7.2	7.1	7.0	6.8	6.6	6.8
Warehousing & Storage	5.8	5.9	5.6	4.9	4.5	4.0	3.5	4.0	4.3	4.5	5.3	5.1	4.5	5.4	5.6	5.5	5.3	5.3
Information	29.0	29.1	28.3	28.1	28.4	28.6	29.0	32.3	34.4	36.3	41.2	40.2	36.8	35.2	33.8	32.8	31.9	31.3
Publishing Industries (except Internet)	9.3	10.0	10.1	10.3	10.5	10.6	10.5	10.6	11.3	11.6	12.0	12.2	10.6	10.3	9.9	9.6	9.3	9.4
Telecommunications	10.7	10.6	9.7	10.6	10.5	10.9	10.8	12.8	14.2	15.5	16.7	16.5	16.3	15.7	14.7	13.7	12.7	12.8
Residual-Other Telecommunications	9.0	8.4	8.5	7.2	7.3	7.1	7.7	8.9	8.8	9.2	12.5	11.5	9.8	9.3	9.2	9.5	9.9	9.1
Financial Activities	92.0	90.7	91.2	91.2	89.5	84.5	85.4	91.6	99.5	101.2	100.9	105.9	110.2	122.2	132.3	138.4	138.2	128.5
Finance & Insurance	63.0	61.7	62.6	63.0	61.1	57.4	58.1	63.0	69.7	70.7	70.0	73.8	77.4	88.0	96.0	100.9	99.0	89.6
Credit Intermediation & Related Activities	30.5	28.8	28.7	28.6	28.5	28.1	27.8	30.2	31.7	32.4	33.5	35.6	38.6	45.2	50.2	54.0	52.0	44.9
Depository Credit Intermediation	17.6	17.5	18.1	17.7	16.7	15.2	15.0	15.0	14.6	14.4	14.2	15.1	16.5	17.5	17.2	16.6	17.5	18.7
Nondepository Credit Intermediation	7.4	7.2	8.0	9.0	8.3	7.5	8.7	11.6	14.4	14.2	13.2	14.3	15.5	19.1	22.0	23.8	22.2	18.3
Activities Related to Credit Intermediation	5.5	4.1	2.7	1.9	3.4	5.5	4.2	3.6	2.7	3.8	6.1	6.2	6.7	8.6	11.1	13.5	12.3	7.9
Insurance Carriers & Related	26.4	26.6	27.2	26.8	26.7	26.8	26.7	26.9	27.8	28.7	28.9	29.5	29.8	33.5	36.0	36.1	35.8	33.5
Insurance Carriers	16.3	16.5	17.6	18.0	17.8	17.7	17.1	16.8	17.1	17.4	17.1	17.3	17.6	20.6	22.5	22.7	22.6	19.6
Agencies, Brokerages, & Other Insurance Re	10.1	10.1	9.6	8.8	8.9	9.1	9.6	10.1	10.7	11.3	11.8	12.2	12.2	12.9	13.5	13.4	13.3	13.8
Residual-Other Finance	6.0	6.3	6.7	7.6	6.0	2.5	3.6	5.9	10.2	9.6	7.6	8.7	9.0	9.3	9.8	10.9	11.3	11.2
Real Estate & Rental & Leasing	29.1	29.0	28.6	28.2	28.4	27.1	27.3	28.6	29.8	30.5	30.9	32.1	32.7	34.2	36.3	37.5	39.1	38.9
Real Estate	23.0	23.1	22.6	21.7	21.9	21.0	21.0	21.8	22.1	22.5	23.3	25.0	26.3	28.0	29.7	30.7	32.5	32.3
Residual-Rental & Leasing Services	6.1	6.0	6.0	6.5	6.5	6.1	6.4	6.8	7.6	8.0	7.6	7.1	6.4	6.3	6.6	6.8	6.6	6.7
Professional & Business Services	167.6	161.7	163.9	164.8	169.3	181.2	185.5	195.6	219.1	234.4	247.5	248.4	248.8	252.6	254.9	264.3	274.5	272.3
Professional, Scientific & Technical Services	73.5	70.4	68.3	68.2	69.0	68.0	68.5	72.9	79.4	86.6	91.2	94.3	95.1	96.4	97.6	103.2	109.3	112.1
Legal Services	10.7	10.8	11.3	11.4	10.6	10.5	10.6	10.8	11.3	11.8	12.0	12.8	13.3	14.1	14.5	14.7	14.3	14.3
Accounting, Tax Preparation & Bookkeeping S	8.8	9.6	9.6	9.1	9.4	9.1	8.3	9.0	8.8	9.2	9.2	9.9	10.4	10.3	10.0	11.0	12.1	12.1
Architectural, Engineering & Related Services	17.2	17.0	16.1	15.3	15.0	14.8	15.3	15.7	18.1	19.5	19.7	20.8	20.7	19.9	20.6	22.0	23.3	24.1
Computer Systems Design & Related Services	6.2	6.5	7.6	8.3	9.1	10.5	11.2	12.4	14.0	16.3	17.8	17.0	15.3	15.5	15.3	15.8	16.9	17.7
Management, Scientific & Technical Consulting	7.2	7.1	6.0	6.3	6.8	6.7	6.7	6.8	7.7	8.8	10.0	10.8	12.5	14.3	15.3	16.8	19.2	20.4
Residual-Other Professional, Scientific & Tech	23.4	19.4	17.7	17.9	18.1	16.4	16.3	18.2	19.5	21.0	22.5	23.1	22.8	22.3	22.0	22.8	23.5	23.6
Management of Companies & Enterprises	15.7	17.4	19.3	20.3	22.1	25.2	28.1	30.2	35.9	37.1	38.6	39.7	35.8	32.9	30.6	30.0	28.9	28.0
Administrative & Support & Waste Services	78.3	73.9	76.3	76.2	78.1	88.0	89.0	92.4	103.9	110.7	117.7	114.5	118.0	123.3	126.7	131.1	136.4	132.1
Administrative & Support Services	75.3	70.9	73.3	72.9	74.6	84.1	84.9	88.5	99.9	106.7	113.5	110.2	114.1	119.3	122.6	126.9	132.2	127.8
Employment Services	31.9	28.9	30.4	27.7	28.8	34.2	37.1	38.8	44.5	47.2	54.6	50.3	53.0	56.3	58.0	60.3	63.3	58.1
Investigation & Security Services	5.7	6.4	6.9	8.1	8.0	8.3	7.5	7.8	7.9	9.1	10.1	10.9	11.1	11.0	11.2	11.4	11.8	11.3
Services to Buildings & Dwellings	17.5	16.8	17.7	17.9	18.2	20.8	21.7	22.9	25.5	27.8	28.4	28.4	27.6	28.2	29.0	29.3	31.4	32.5
Residual-Other Support Services	20.2	18.8	18.4	19.2	19.6	20.8	18.6	19.0	22.0	22.7	20.4	20.6	22.4	23.8	24.3	26.0	25.8	26.0
Waste Management & Remediation Services	3.1	3.0	3.0	3.3	3.5	3.9	4.1	3.9	4.0	4.0	4.2	4.3	3.9	4.0	4.2	4.2	4.2	4.3

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Educational & Health Services	89.4	92.1	95.1	96.1	96.7	98.3	102.5	105.7	107.1	109.6	112.1	114.6	118.4	126.3	131.0	133.5	137.7	141.6
Educational Services	9.9	10.2	10.8	11.8	12.3	13.2	14.1	15.4	16.4	16.9	17.7	16.0	15.9	18.9	19.2	19.8	20.8	21.4
Colleges, Universities & Professional Schools	3.5	3.6	3.8	3.8	4.1	4.5	4.9	5.4	5.6	5.1	5.8	4.1	4.0	4.4	4.4	4.4	4.8	5.0
Residual-Elementary & Secondary Schools	6.4	6.6	7.0	8.0	8.2	8.7	9.1	10.0	10.9	11.8	12.0	11.9	12.0	14.4	14.7	15.4	16.0	16.4
Health Care & Social Assistance	79.6	81.9	84.3	84.3	84.4	85.1	88.5	90.3	90.7	92.7	94.4	98.6	102.5	107.5	111.8	113.7	117.0	120.2
Ambulatory Health Care Services	36.5	38.4	40.7	40.5	39.6	40.0	41.1	42.2	41.9	42.8	44.4	45.4	47.7	50.3	52.6	54.1	56.1	57.2
Hospitals	24.4	24.4	24.6	24.6	24.8	24.8	25.9	25.5	25.2	25.7	25.1	26.3	27.5	28.5	29.4	29.1	29.5	31.0
Nursing & Residential Care Facilities	10.8	11.4	11.3	11.7	12.1	12.3	13.2	13.8	14.2	14.3	14.7	15.6	15.7	17.2	17.7	17.7	18.4	19.0
Social Assistance	7.8	7.7	7.6	7.6	7.8	8.1	8.2	8.8	9.4	9.9	10.3	11.3	11.5	11.5	12.1	12.8	12.9	13.1
Leisure & Hospitality	126.1	121.2	118.4	119.8	120.1	122.8	127.4	131.2	136.0	142.6	145.9	154.3	155.4	158.6	162.9	165.0	169.6	171.6
Arts, Entertainment, & Recreation	25.5	26.0	25.0	25.7	26.5	28.1	29.3	30.1	31.8	34.2	35.5	37.4	37.0	35.7	35.3	34.4	34.3	35.2
Amusement, Gambling, & Recreation	19.0	19.1	19.7	21.8	22.8	24.3	25.7	26.3	28.0	29.7	30.7	32.7	32.0	30.8	30.5	29.4	29.1	29.7
Residual-Performing Arts, Spectator Sports	6.5	7.0	5.4	3.9	3.7	3.8	3.6	3.8	3.8	4.5	4.7	4.6	5.0	5.0	4.8	5.1	5.2	5.5
Accommodation & Food Service	100.6	95.2	93.4	94.1	93.6	94.8	98.2	101.1	104.2	108.4	110.4	117.0	118.5	122.8	127.5	130.5	135.3	136.3
Accommodation	20.7	20.1	19.2	19.3	17.8	17.5	17.4	17.5	18.8	19.3	18.7	19.1	18.7	20.5	21.7	21.4	22.4	23.1
Food Services & Drinking Places	79.9	75.0	74.2	74.8	75.8	77.2	80.8	83.6	85.4	89.1	91.8	97.8	99.7	102.4	105.8	109.2	112.9	113.3
Full-Service Restaurants	36.0	36.6	36.7	36.2	37.7	38.3	38.9	40.2	41.2	43.7	44.9	47.7	49.7	52.2	54.0	56.0	58.8	59.6
Limited-Service Eating Places	32.6	32.4	32.8	33.8	33.4	34.1	36.7	38.4	39.4	41.0	42.5	44.0	43.8	43.2	44.6	45.9	47.1	47.2
Residual-Special Food Services	11.3	6.0	4.8	4.8	4.7	4.8	5.2	5.0	4.9	4.4	4.4	6.1	6.3	7.0	7.3	7.2	7.1	6.5
Other Services	36.0	35.3	34.7	35.3	35.4	37.4	38.5	40.0	41.9	42.6	43.9	45.2	45.9	46.7	47.4	48.4	47.7	47.6
Government	126.1	128.7	127.5	127.8	129.2	128.2	129.7	132.7	136.4	141.1	146.6	150.9	155.1	154.2	153.4	155.3	156.7	159.2
Federal Government	15.9	15.6	15.5	15.6	15.8	15.4	14.5	13.5	13.2	12.7	13.0	12.0	11.8	12.1	11.8	11.6	11.4	11.5
Department of Defense	3.9	3.6	3.1	3.3	3.1	2.8	2.7	2.4	2.1	1.7	1.4	1.3	1.2	1.1	1.1	1.0	1.0	1.0
Other Federal Government	-	-	-	-	-	-	-	-	-	-	-	10.7	10.6	11.0	10.7	10.6	10.4	10.5
State & Local Government	110.3	113.1	112.1	112.2	113.5	112.8	115.1	119.2	123.2	128.4	133.6	138.9	143.3	142.1	141.7	143.8	145.3	147.7
State Government	20.8	21.1	21.0	20.9	20.9	21.0	20.6	20.8	21.7	23.1	24.4	25.5	26.4	26.8	26.9	26.8	27.4	27.7
State Government Education	12.1	12.3	12.0	11.9	12.1	12.3	12.4	12.8	13.3	13.9	14.7	15.4	16.1	16.6	16.7	16.6	17.2	17.6
Other State Government	-	-	-	-	-	-	-	-	-	-	-	10.2	10.3	10.2	10.3	10.2	10.2	10.1
Local Government	89.5	91.9	91.1	91.2	92.6	91.7	94.6	98.4	101.5	105.3	109.2	113.3	116.9	115.3	114.7	116.9	117.9	120.0
Local Government Education	52.7	53.5	53.0	53.0	54.4	55.1	58.2	62.2	65.2	67.7	70.5	73.2	75.9	74.5	73.6	74.7	75.3	76.1
County	16.1	17.0	17.1	17.6	17.7	16.7	16.6	17.0	17.5	18.1	18.5	18.9	19.4	19.6	20.1	21.3	21.5	22.2
City	17.0	17.6	17.2	17.0	16.8	16.4	16.5	16.2	16.2	16.6	16.9	17.5	17.7	17.2	17.0	16.9	17.2	17.7
Other Local Government	3.6	3.9	3.8	3.7	3.7	3.5	3.3	3.0	2.6	2.9	3.4	3.7	3.9	4.0	4.1	4.1	4.0	4.1
Redding MSA																		
Total Nonfarm	49.8	51.5	51.7	51.4	51.8	52.8	53.9	55.3	55.5	57.3	59.4	61.3	63.4	64.0	63.8	63.9	65.5	65.4
Total Private	40.3	41.7	41.8	41.6	41.7	42.7	43.6	44.7	44.8	46.2	47.2	48.8	50.4	51.3	51.0	50.8	52.5	52.5
Goods Producing	9.5	8.9	7.9	7.5	7.0	7.3	7.4	7.5	6.9	7.4	7.7	8.0	8.1	8.1	7.8	8.0	8.6	8.0
Natural Resources, Mining & Construction	5.1	4.7	3.9	3.6	3.5	3.7	3.8	4.0	3.6	4.0	4.1	4.5	4.8	5.1	4.9	5.1	5.6	5.0
Natural Resources & Mining	0.9	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5
Construction	4.2	4.0	3.1	2.9	2.9	3.1	3.2	3.4	3.0	3.3	3.5	3.9	4.2	4.5	4.5	4.6	5.1	4.5
Manufacturing	4.4	4.2	4.0	3.9	3.5	3.6	3.6	3.5	3.3	3.5	3.6	3.5	3.3	3.0	2.8	2.9	3.0	3.0
Durable Goods	2.8	2.3	2.2	2.2	2.0	2.0	2.1	2.1	2.2	2.3	2.5	2.6	2.8	2.6	2.4	2.4	2.5	2.5
Wood Product Manufacturing	1.7	1.3	1.3	1.3	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0
Residual-Miscellaneous Manufacturing	1.2	1.0	0.8	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.5	1.6	1.7	1.6	1.3	1.4	1.5	1.5
Nondurable Goods	1.6	1.9	1.9	1.7	1.5	1.6	1.5	1.4	1.2	1.2	1.2	0.9	0.5	0.4	0.4	0.4	0.5	0.5
Service Providing	40.3	42.6	43.7	43.9	44.8	45.5	46.5	47.8	48.7	49.9	51.6	53.3	55.4	55.9	56.0	55.9	56.9	57.4
Private Service producing	30.8	32.9	33.9	34.1	34.8	35.4	36.2	37.2	38.0	38.8	39.5	40.8	42.4	43.3	43.2	42.9	44.0	44.6
Trade, Transportation & Utilities	11.8	11.9	12.2	11.9	12.2	12.4	12.5	12.9	12.8	13.0	12.9	12.9	13.3	13.5	13.6	13.8	14.2	14.1
Wholesale Trade	2.2	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.6	1.6	1.6	1.8	1.9
Retail Trade	7.6	8.1	8.4	8.3	8.4	8.6	8.8	9.2	9.0	9.0	9.0	8.9	9.2	9.5	9.6	9.7	10.0	9.9
Food & Beverage Stores	2.4	2.3	2.4	2.2	2.1	2.2	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.6	1.6	1.6
General Merchandise Stores	1.3	1.2	1.2	1.2	1.2	1.3	1.4	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.9	2.1	2.2
Residual-Miscellaneous Store Retailers	3.9	4.6	4.9	4.9	5.0	5.2	5.6	5.8	5.7	5.7	5.8	5.5	5.8	6.0	6.1	6.2	6.3	6.1
Transportation, Warehousing & Utilities	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.4	2.6	2.7	2.4	2.4	2.5	2.4	2.4
Utilities	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.3	0.3	0.3	0.3	0.4
Transportation & Warehousing	1.5	1.5	1.5	1.5	1.7	1.8	1.9	1.9	1.9	2.0	1.9	2.0	2.1	2.1	2.1	2.2	2.1	2.0
Information	1.1	1.0	1.0	1.1	1.1	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.0	1.0	1.0
Financial Activities	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.8	2.9	3.2	3.3	3.3	3.2	2.9
Finance & Insurance	1.1	1.2	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.9	2.2	2.2	2.2	2.0
Real Estate & Rental & Leasing	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9	1.2	1.3	1.3	1.1	1.1	1.1	0.9
Professional & Business Services	3.3	4.4	4.4	4.5	4.4	4.5	4.8	5.2	5.1	5.2	5.9	5.8	5.8	5.9	6.2	6.2	6.5	6.8
Educational & Health Services	5.6	6.2	6.9	7.1	7.3	7.4	7.9	8.4	9.1	9.5	9.3	9.8	10.3	10.5	10.0	9.7	9.8	10.2
Leisure & Hospitality	5.4	5.7	5.6	5.7	5.9	6.1	5.8	5.8	5.9	6.0	6.2	6.1	6.4	6.6	6.4	6.4	6.7	7.0
Arts, Entertainment, & Recreation	0.9	0.8	0.7	0.8	0.9	1.0	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
Accommodation & Food Service	4.5	4.9	4.9	4.8	5.0	5.0	5.1	5.1	5.2	5.2	5.4	5.3	5.6	5.8	5.7	5.6	5.9	6.1
Accommodation	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.9
Food Services & Drinking Places	3.6	4.1	4.1	4.1	4.3	4.3	4.5	4.4	4.5	4.5	4.6	4.6	4.9	5.1	5.0	4.9	5.1	5.2
Other Services	1.5	1.6	1.6	1.6	1.6	1.8	1.9	1.7	1.8	1.9	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.6
Government	9.5	9.8	9.8	9.8	10.0	10.1	10.2	10.6	10.7	11.1	12.1	12.4	13.0	12.6	12.8	13.0	13.0	12.9
Federal Government	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.2
State & Local Government	8.1	8.5	8.6	8.6	8.8	8.9	9.0	9.4	9.5	9.9	10.8	11.2	11.7	11.3	11.5	11.8	11.7	11.7
State Government	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.5	1.6	1.7	1.7	1.7	1.8	1.9	1.8	1.8
Local Government	6.8	7.2	7.2	7.2	7.4	7.5	7.7	8.0	8.1	8.4	9.2	9.5	9.9	9.6	9.7	9.8	9.9	9.9
Local Government Education	4.1	4.3	4.3	4.3	4.4	4.5	4.5	4.8	4.9	5.1	5.2	5.3	5.5	5.3	5.3	5.3	5.3	5.3
Riverside-San Bernardino-Ontario MSA																		
Total Nonfarm	712.6	718.9	729.6	733.9	751.3	779.9	803.5	841.5	882.2	939.0	988.4	1,029.7	1,064.5	1,099.2	1,160.0	1,222.0	1,267.7	1,268.8
Total Private	562.4	563.8	572.0	578.2	593.5	617.3	636.1	669.9	707.6	755.8	796.3	829.5	851.8	887.6	947.5	1,001.6	1,045.2	1,043.0
Goods Producing	138.8	127.1	122.6	119.1	127.8	135.0	143.1	156.2	171.4	188.2	200.9	208.3	207.5	216.3	233.1	245.7	252.3	233.0
Natural Resources & Mining	1.4	1.4	1.3	1.2	1.2	1.3	1.4	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.4	1.4	1.4

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Construction	59.1	46.8	42.1	39.1	41.7	44.8	47.9	53.5	61.0	71.7	79.9	88.5	90.9	99.0	111.8	123.3	127.5	112.8
Construction of Buildings	10.1	8.3	6.9	6.4	7.2	7.7	7.4	8.4	10.2	11.7	13.1	14.5	14.1	15.3	17.5	20.1	21.5	19.4
Heavy & Civil Engineering Construction	8.7	7.8	7.4	6.9	6.6	7.1	7.8	7.8	8.8	9.8	10.6	10.9	11.0	10.8	11.2	12.2	12.6	12.8
Specialty Trade Contractors	40.4	30.7	27.8	25.8	27.9	30.1	32.7	37.2	42.0	50.2	56.2	63.1	65.8	72.9	83.0	91.0	93.3	80.7
Building Foundation & Exterior Contractors	10.6	9.0	7.8	7.5	8.2	8.6	10.3	12.0	13.7	16.9	19.2	21.4	22.5	26.2	29.3	33.9	34.3	27.2
Building Equipment Contractors	10.6	8.9	7.8	7.3	8.1	8.4	9.0	10.1	11.3	13.5	15.2	17.1	17.7	18.6	20.5	21.9	22.5	21.4
Building Finishing Contractors	11.8	8.2	8.2	7.3	7.6	8.5	8.6	9.4	10.9	13.6	15.4	17.4	18.2	20.2	24.0	24.7	25.2	21.5
Other Specialty Trade Contract	7.4	4.6	4.0	3.8	4.0	4.5	4.9	5.7	6.1	6.1	6.4	7.2	7.3	8.0	9.2	10.5	11.4	10.6
Manufacturing	78.3	78.8	79.3	78.7	84.8	89.0	93.7	101.3	109.0	115.2	119.7	118.7	115.4	116.1	120.1	121.0	123.4	118.9
Durable Goods	56.8	57.5	57.2	56.3	60.7	62.8	66.5	72.3	78.8	83.0	85.3	84.2	82.0	82.4	85.5	86.1	86.9	82.5
Fabricated Metal Product Mfg	9.5	9.4	9.8	9.7	11.1	12.5	13.3	13.6	15.0	16.1	16.6	16.6	15.8	15.9	16.5	16.7	16.6	16.1
Transportation Equipment Manufacturing	11.9	11.7	11.5	10.3	10.4	9.4	10.0	12.2	12.9	13.5	12.4	12.1	12.0	12.7	14.2	13.9	13.3	11.0
Residual-Miscellaneous Manufacturing	35.4	36.4	35.9	36.3	39.3	40.9	43.2	46.6	50.9	53.3	56.3	55.5	54.1	53.9	54.8	55.4	57.0	55.4
Nondurable Goods	21.5	21.3	22.2	22.5	24.1	26.2	27.2	29.0	30.3	32.3	34.4	34.4	33.4	33.7	34.6	35.0	36.5	36.4
Food Man & Beverage & Tobacco	5.8	5.5	5.7	5.6	5.7	5.7	6.0	6.1	6.3	6.8	7.6	8.4	8.2	8.8	9.1	9.6	10.6	10.9
Plastics & Rubber Products Manufacturing	6.3	6.0	6.6	6.6	7.5	8.4	8.5	9.5	11.0	12.0	12.7	12.4	11.5	11.0	11.4	11.1	11.6	11.7
Residual-Textile Mills	9.4	9.8	9.9	10.2	10.9	12.2	12.7	13.4	13.0	13.5	14.1	13.7	13.8	13.8	14.1	14.2	14.2	13.8
Service Providing	573.8	591.8	607.0	614.8	623.5	644.8	660.4	685.3	710.8	750.8	787.5	821.4	857.0	882.9	926.9	976.3	1,015.4	1,035.7
Private Service Producing	423.6	436.7	449.4	459.2	465.8	482.2	493.1	513.7	536.2	567.6	595.4	621.2	644.3	671.4	714.4	755.9	793.0	810.0
Trade, Transportation & Utilities	148.6	152.5	158.9	163.5	164.7	172.5	177.1	184.5	190.9	201.1	211.5	219.8	226.3	236.3	254.9	275.9	291.1	298.5
Wholesale Trade	24.5	24.1	25.2	26.2	26.6	27.7	30.7	32.0	33.1	34.8	38.2	41.6	41.9	43.5	45.6	49.9	54.2	56.4
Merchant Wholesalers, Durable Goods	12.7	12.7	13.0	13.8	14.5	15.7	17.8	19.2	20.5	22.1	24.2	27.0	26.4	26.5	27.5	31.1	33.8	34.2
Merchant Wholesalers, Nondurable Goods	7.8	8.3	9.4	9.8	9.7	9.8	10.5	10.5	10.2	10.6	11.8	12.3	12.7	13.3	13.1	13.7	14.7	16.2
Wholesale Electronic Markets & Agents & Brok	4.0	3.0	2.8	2.6	2.4	2.2	2.3	2.3	2.3	2.2	2.2	2.3	2.8	3.8	4.9	5.1	5.7	6.0
Retail Trade	99.8	101.3	105.9	106.9	105.4	108.9	110.4	114.8	115.9	121.5	127.0	132.5	137.5	142.7	153.8	165.7	173.2	175.4
Motor Vehicle & Parts Dealer	13.9	13.2	13.2	13.5	14.5	15.3	16.2	16.9	17.1	18.3	19.6	20.5	21.6	22.7	23.6	24.9	25.4	24.9
Automobile Dealers	8.4	7.7	7.7	7.9	8.5	9.1	9.8	10.3	10.3	11.0	12.1	12.6	13.5	14.0	14.6	15.5	15.9	15.6
Other Motor Vehicle Dealers	1.0	0.9	0.9	0.9	1.1	1.2	1.2	1.2	1.2	1.4	1.4	1.7	1.9	2.1	2.4	2.8	2.9	2.8
Automotive Parts, Accessories & Tire Stores	4.6	4.6	4.6	4.7	4.9	5.0	5.2	5.4	5.7	6.0	6.1	6.2	6.2	6.6	6.6	6.7	6.6	6.5
Building Material & Garden Equipment Stores	7.5	7.8	7.5	7.1	6.8	6.9	7.1	7.7	8.1	9.1	9.4	11.0	11.6	12.3	13.9	14.8	15.8	14.8
Building Material & Supplies Dealers	6.6	6.5	6.3	5.9	5.6	5.7	5.9	6.5	6.6	7.1	7.7	9.5	10.2	10.9	12.5	13.4	14.3	13.7
Lawn & Garden Equipment & Supplies Stores	0.9	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.5	2.0	1.8	1.5	1.4	1.3	1.4	1.4	1.5	1.2
Food & Beverage Stores	21.4	21.7	22.3	21.8	21.5	22.9	22.9	23.3	23.2	24.4	24.9	26.1	27.1	27.9	29.0	31.0	32.0	33.8
Health & Personal Care Stores	5.1	5.9	6.6	6.8	5.8	5.6	5.9	6.0	6.1	6.6	6.7	6.9	7.4	7.7	8.2	7.9	8.3	9.0
Clothing & Clothing Accessories Stores	9.0	9.4	9.8	9.9	9.9	9.6	9.7	10.2	10.1	10.8	11.7	11.8	12.2	12.6	13.1	14.3	15.1	16.5
Clothing Stores	6.1	6.9	7.3	7.2	7.3	7.1	7.0	7.5	7.4	8.2	8.9	8.9	9.0	9.3	9.8	10.8	11.4	12.6
Residual-Shoe Stores	2.9	2.5	2.5	2.7	2.6	2.5	2.6	2.7	2.7	2.6	2.8	2.9	3.2	3.3	3.4	3.5	3.7	3.9
General Merchandise Stores	23.2	22.3	24.5	25.3	25.0	26.1	24.8	25.7	25.3	25.1	26.3	27.9	28.5	29.4	32.7	37.1	39.6	39.6
Department Stores	16.8	15.8	18.3	20.1	20.6	21.6	20.5	21.7	21.2	20.9	22.2	23.0	22.7	22.1	25.2	29.4	31.6	30.9
Other General Merchandise Stores	6.4	6.5	6.2	5.2	4.4	4.5	4.3	4.1	4.1	4.2	4.1	4.9	5.8	7.4	7.5	7.7	8.0	8.7
Residual-Furniture & Home Furnishings Stores	19.6	21.1	22.1	22.5	21.9	22.5	23.9	25.0	26.0	27.2	28.4	28.3	29.1	30.2	33.3	35.8	36.9	36.8
Transportation, Warehousing & Utilities	24.3	27.2	27.9	30.4	32.7	35.9	36.1	37.8	42.0	44.8	46.3	45.7	46.8	50.1	55.5	60.2	63.8	66.7
Utilities	4.4	4.5	4.6	4.7	4.8	4.8	4.3	4.0	4.4	4.4	4.6	4.8	5.0	5.0	5.0	5.3	5.6	5.9
Transportation & Warehousing	19.9	22.6	23.3	25.7	27.9	31.1	31.8	33.8	37.6	40.3	41.7	40.8	41.8	45.1	50.5	54.9	58.1	60.9
Residual-Air Transportation	6.3	7.7	7.2	7.4	8.2	9.8	9.3	10.5	11.7	12.3	11.9	11.7	12.0	12.6	13.5	13.9	14.3	15.3
Truck Transportation	8.9	8.8	9.0	9.6	10.4	11.3	12.1	12.6	14.5	15.5	16.9	16.5	17.2	19.1	21.1	23.0	23.2	23.6
General Freight Trucking	6.1	5.9	6.2	6.2	6.7	7.1	7.7	8.1	9.4	9.8	10.8	10.2	10.7	12.2	14.3	16.0	16.3	16.9
Specialized Freight Trucking	2.8	2.9	2.8	3.4	3.7	4.1	4.4	4.5	5.2	5.8	6.1	6.2	6.6	6.9	6.8	7.1	6.9	6.6
Couriers & Messengers	2.0	2.8	3.5	4.2	4.3	4.6	4.8	5.2	5.5	5.9	6.2	6.2	6.4	7.1	7.5	7.9	8.3	8.1
Warehousing & Storage	2.7	3.3	3.6	4.5	5.1	5.5	5.7	5.5	5.8	6.6	6.7	6.4	6.2	6.4	8.3	10.1	12.3	13.9
Information	13.5	13.6	13.4	13.9	12.8	12.3	11.7	11.5	12.4	13.4	14.3	14.6	14.1	13.9	14.0	14.5	15.3	15.2
Publishing Industries (except Internet)	3.3	3.7	3.8	4.3	4.1	4.0	4.1	3.3	3.4	3.6	4.1	3.7	3.2	3.5	3.6	3.3	3.4	3.2
Telecommunications	7.1	6.6	6.5	6.4	5.6	5.2	4.4	4.6	5.0	5.4	5.8	6.0	5.8	5.8	5.9	6.2	6.3	6.8
Residual-Other Information Services	3.1	3.3	3.1	3.2	3.1	3.2	3.3	3.6	4.0	4.4	4.3	4.9	5.1	4.6	4.6	5.0	5.6	5.2
Financial Activities	33.2	33.6	33.5	34.2	34.4	32.1	32.5	32.7	33.5	34.8	35.7	37.3	39.5	42.6	45.7	49.0	51.6	50.1
Finance & Insurance	21.4	22.3	22.5	22.8	21.7	19.8	19.5	20.2	20.7	21.0	21.5	22.0	23.5	25.7	28.0	30.1	31.7	30.9
Credit Intermediation & Related Activities	13.2	13.6	13.8	14.1	13.3	11.8	12.1	12.8	13.0	12.7	13.1	13.0	14.0	15.0	16.5	18.1	19.0	18.1
Depository Credit Intermediation	8.4	9.9	9.9	9.8	9.4	8.9	8.9	9.3	9.0	8.1	8.5	8.3	8.5	8.7	9.4	9.9	10.5	10.9
Nondepository Credit Intermediation	2.1	2.3	2.8	3.3	3.2	2.4	2.7	2.9	3.3	3.6	3.6	3.8	4.5	5.0	5.6	6.6	6.7	5.4
Activities Related to Credit Intermediation	2.7	1.5	1.0	1.1	0.7	0.5	0.5	0.7	0.7	1.0	1.0	0.9	1.1	1.3	1.4	1.7	1.8	1.7
Insurance Carriers & Related	6.2	7.0	7.3	7.4	7.1	6.6	6.3	6.2	6.3	6.8	6.9	7.1	7.4	8.7	9.7	10.0	10.7	10.8
Insurance Carriers	3.9	4.3	4.6	4.7	4.6	4.3	3.9	3.5	3.4	3.6	3.8	3.6	3.7	4.6	5.4	5.5	5.6	5.6
Agencies, Brokerages, & Other Insurance Re	2.4	2.7	2.7	2.7	2.6	2.4	2.4	2.7	2.9	3.2	3.1	3.5	3.7	4.1	4.3	4.6	5.0	5.2
Residual-Other Finance	2.0	1.7	1.4	1.3	1.3	1.3	1.1	1.2	1.4	1.5	1.6	1.9	2.1	2.1	1.9	1.9	2.1	2.0
Real Estate & Rental & Leasing	11.8	11.3	11.1	11.4	12.7	12.4	13.0	12.5	12.8	13.8	14.2	15.3	15.9	16.9	17.7	18.9	19.9	19.2
Real Estate	7.7	7.5	7.2	7.2	8.5	7.7	8.1	7.8	8.1	8.7	8.8	9.5	10.0	11.0	11.8	12.8	13.5	12.8
Residual-Rental & Leasing Services	4.1	3.8	3.9	4.2	4.2	4.7	5.0	4.8	4.8	5.1	5.4	5.8	6.0	5.9	5.9	6.1	6.4	6.3
Professional & Business Services	59.1	61.4	64.5	64.6	65.4	68.2	68.3	73.7	81.6	89.4	96.8	101.8	106.8	115.4	125.5	133.2	142.3	145.5
Professional, Scientific & Technical Services	24.5	25.1	24.5	22.2	20.5	20.6	18.5	18.2	19.1	20.7	22.1	24.6	27.1	28.7	31.0	35.0	39.9	40.7
Management of Companies & Enterprises	7.0	6.6	7.2	8.2	8.5	8.8	9.3	9.1	9.2	9.9	10.3	10.6	11.3	11.0	11.6	12.0	10.8	9.7
Administrative & Support & Waste Services	27.6	29.8	32.7	34.2	36.3	38.8	40.6	46.4	53.3	58.8	64.4	66.6	68.4	75.7	82.9	86.2	91.7	95.1
Administrative & Support Services	24.9	27.5	30.6	32.3	34.3	36.7	38.4	44.2	50.8	56.4	61.7	64.1	65.7	72.7	79.9	83.5	89.0	92.2
Employment Services	7.9	8.9	10.5	11.5	12.8	13.9	15.2	20.8	25.4	28.9	32.4	32.5	32.7	38.4	43.6	46.9	50.2	53.3
Investigation & Security Services	3.0	3.3	4.0	4.3	4.6	5.2	5.2	5.3	5.7	5.7	5.7	5.8	6.3	6.3	6.8	7.3	7.9	8.1
Services to Buildings & Dwellings	9.6	10.6	11.0	11.0	11.4	11.8	11.9	12.0	12.7	14.0	14.5	16.3	16.8	16.7	16.6	17.8	18.7	18.4
Residual-Other Support Services	4.4	4.7	5.2	5.4	5.6	5.8	6.1	6.0	7.0	7.7	9.1	9.5	9.9	11.3	13.0	11.5	12.1	12.5
Waste Management & Remediation Services	2.7	2.3	2.1	2.0	2.0	2.1	2.2	2.2	2.4	2.4	2.7	2.6	2.7	3.0	3.1	2.7	2.7	2.9
Educational & Health Services	69.3	74.4	75.7	78.3	81.1	85.9	88.9	92.8	96.3	99.7	101.9	106.1	112.4	115.8	118.4	119.9	122.1	126.5
Educational Services	9.5	9.5	8.8	9.0	9.1	9.6	10.0	10.5	10.7	10.6	11.1	11.8	12.6	13.2	13.4	13.6	14.1	14.9
Colleges, Universities & Professional Schools	4.3	5.0	4.2	3.9	4.0	4.3	4.5	4.7	5.1	4.7	5.1	4.8	5.2	5.3	5.3	5.4	5.3	5.6
Residual-Elementary & Secondary Schools	5.2	4.5	4.7	5.1	5.1	5.4	5.5	5.7	5.6	5.9	6.0	7.1	7.4	7.9	8.1	8.2	8.8	9.3

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Health Care & Social Assistance	59.8	64.9	66.9	69.3	72.0	76.2	78.9	82.4	85.6	89.0	90.7	94.3	99.8	102.7	104.9	106.3	108.0	111.6
Ambulatory Health Care Services	19.9	23.2	24.4	25.9	26.9	28.6	30.0	31.2	31.2	34.1	34.9	36.8	39.5	41.3	42.9	44.8	46.4	47.1
Offices of Physicians	11.3	12.8	13.4	14.0	14.4	15.5	16.3	17.0	17.1	19.0	19.4	20.5	21.1	21.2	21.2	21.0	21.4	20.9
Residual-Other Ambulatory Health Care Se	8.6	10.4	11.0	11.9	12.5	13.1	13.7	14.2	14.1	15.1	15.5	16.4	18.3	20.1	21.7	23.8	25.0	26.3
Hospitals	23.0	22.9	22.6	22.3	22.9	23.8	24.0	25.0	27.0	27.6	27.4	27.0	28.0	29.2	29.1	28.8	28.7	30.1
Nursing & Residential Care Facilities	11.6	12.5	13.1	14.3	15.1	16.4	17.4	19.1	18.8	18.1	19.0	19.8	20.7	20.0	19.5	19.5	19.6	20.4
Nursing Care Facilities	6.5	6.6	6.4	6.8	7.2	7.6	7.9	8.2	8.4	8.5	8.8	8.9	8.8	8.8	8.5	8.9	9.2	9.5
Residual-Other Residential Care Facilities	5.0	5.9	6.7	7.5	7.9	8.8	9.5	10.9	10.4	9.6	10.1	11.0	11.9	11.2	11.0	10.5	10.4	10.8
Social Assistance	5.4	6.3	6.7	6.8	7.1	7.4	7.5	7.1	8.6	9.4	9.4	10.7	11.6	12.1	13.5	13.3	13.4	14.1
Leisure & Hospitality	75.7	75.7	77.3	78.5	80.5	83.7	86.3	88.9	90.7	95.7	100.6	104.5	107.2	109.0	116.7	122.6	128.1	131.7
Arts, Entertainment, & Recreation	11.6	11.6	10.7	10.9	12.4	11.5	11.9	12.0	13.2	14.4	14.6	14.6	14.7	14.8	15.3	15.6	16.0	16.8
Accommodation & Food Service	64.1	64.1	66.7	67.6	68.1	72.3	74.4	76.8	77.4	81.3	86.0	89.9	92.5	94.2	101.4	107.1	112.1	115.0
Accommodation	15.9	14.5	13.9	13.4	13.0	13.1	13.2	14.3	14.2	15.0	15.8	15.5	16.2	16.2	17.3	17.9	17.8	17.7
Food Services & Drinking Places	48.2	49.6	52.8	54.2	55.1	59.1	61.3	62.5	63.2	66.3	70.2	74.4	76.3	78.0	84.0	89.1	94.2	97.2
Full-Service Restaurants	20.5	20.8	21.8	21.2	22.3	23.7	24.5	26.3	26.1	27.8	29.8	32.1	32.9	33.6	35.9	38.6	40.1	40.8
Limited-Service Eating Places	24.3	26.3	28.6	30.6	30.6	32.9	33.9	33.6	34.4	35.7	37.6	39.2	40.4	41.2	44.8	47.5	51.0	53.0
Residual-Special Food Services	3.4	2.5	2.4	2.4	2.2	2.5	2.8	2.7	2.8	2.7	2.9	3.1	3.1	3.1	3.3	3.1	3.1	3.4
Other Services	24.2	25.4	26.0	26.3	26.9	27.4	28.2	29.5	30.8	33.6	34.8	37.1	38.1	38.4	39.3	40.8	42.5	42.6
Repair & Maintenance	8.6	9.1	9.3	9.1	9.7	10.6	11.6	12.4	12.7	13.9	15.3	15.7	16.1	16.0	16.3	16.9	17.3	17.3
Personal & Laundry Services	5.9	6.2	6.4	6.5	6.0	6.5	6.6	6.3	6.7	7.5	7.3	7.8	7.9	8.2	8.3	8.9	9.5	10.0
Religious, Grantmaking, Civic, Professional & S	9.7	10.1	10.3	10.7	11.2	10.4	10.0	10.8	11.4	12.2	12.3	13.6	14.1	14.2	14.7	15.0	15.7	15.3
Government	150.2	155.1	157.5	155.6	157.8	162.6	167.3	171.6	174.7	183.1	192.1	200.2	212.7	211.6	212.5	220.4	222.5	225.7
Federal Government	21.6	20.6	20.5	19.4	18.6	18.7	18.9	18.5	17.5	17.5	18.2	16.9	16.9	17.0	17.3	18.7	19.3	20.0
Department of Defense	8.3	8.2	7.8	7.2	6.7	6.4	6.2	6.4	6.2	5.9	5.8	5.5	5.4	5.3	5.3	5.6	5.7	5.6
Other Federal Government	-	-	-	-	-	-	-	-	-	-	-	11.4	11.5	11.7	12.0	13.1	13.6	14.3
State & Local Government	128.6	134.5	137.1	136.3	139.2	143.9	148.5	153.2	157.1	165.7	174.0	183.4	195.8	194.5	195.1	201.8	203.2	205.8
State Government	18.9	19.4	19.1	19.2	20.2	21.2	21.6	22.1	22.5	23.5	24.6	25.8	26.6	26.6	26.5	27.0	27.4	28.7
State Government Education	6.4	6.5	6.6	6.6	6.8	7.2	7.3	7.5	7.8	8.3	8.9	9.5	9.8	9.7	9.5	9.5	9.8	10.2
Other State Government	-	-	-	-	-	-	-	-	-	-	-	16.3	16.7	16.9	17.0	17.4	17.6	18.5
Local Government	109.7	115.1	117.9	117.1	119.0	122.7	126.9	131.1	134.6	142.1	149.3	157.6	169.3	167.9	168.7	174.8	175.7	177.0
Local Government Education	64.8	67.7	69.2	68.3	70.2	72.0	75.4	79.6	82.3	88.0	90.7	94.0	101.0	98.7	99.0	99.3	96.3	94.6
County	23.6	25.0	25.6	25.4	25.8	26.1	26.4	27.3	28.5	29.9	30.5	32.1	34.3	34.0	32.5	32.9	35.3	37.0
City	12.9	13.4	13.6	13.9	13.8	13.7	13.6	13.1	13.0	13.3	13.6	14.2	14.5	14.9	15.0	15.3	16.0	17.0
Other Local Government	8.5	9.0	9.6	9.6	9.3	11.0	11.5	11.2	10.9	10.9	14.5	17.3	19.4	20.4	22.2	27.3	28.1	28.5
Sacramento-Arden Arcade-Roseville MSA																		
Total Nonfarm	618.5	630.9	623.2	626.0	643.8	662.8	681.5	702.0	731.4	770.5	797.1	818.9	832.2	846.0	859.1	880.9	899.0	904.0
Total Private	434.2	446.4	439.3	441.2	455.1	471.7	489.6	507.5	533.4	564.4	586.4	600.8	605.4	619.9	637.5	656.9	670.6	668.9
Goods Producing	81.9	76.6	70.1	67.0	69.3	73.0	78.3	82.7	88.0	96.8	101.3	105.2	104.1	108.6	114.1	117.2	114.2	108.8
Natural Resources & Mining	0.7	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7
Construction	41.9	35.4	30.7	28.2	30.0	31.0	33.0	36.4	40.8	48.1	53.1	59.5	61.3	66.5	70.8	73.4	70.7	67.5
Construction of Buildings	10.6	9.5	7.6	6.7	6.7	7.0	7.5	7.9	8.9	10.4	11.4	12.5	12.3	12.6	13.8	15.2	15.4	15.2
Heavy & Civil Engineering Construction	6.7	5.1	5.1	4.3	3.9	3.9	4.1	4.6	5.1	5.8	6.1	6.8	6.8	7.0	6.9	6.6	6.5	6.0
Specialty Trade Contractors	24.6	20.8	18.1	17.2	19.5	20.0	21.5	23.9	26.9	32.0	35.6	40.3	42.3	46.9	50.1	51.7	48.7	46.2
Building Foundation & Exterior Contractors	5.4	4.6	4.0	4.0	4.5	4.7	5.1	5.7	6.3	7.3	8.6	10.5	11.1	12.7	13.2	14.0	13.0	12.4
Building Equipment Contractors	8.5	7.7	7.0	6.6	7.6	7.9	8.4	9.2	10.3	11.8	12.9	14.0	14.0	15.6	16.4	16.4	15.4	15.3
Building Finishing Contractors	7.7	6.0	4.9	4.6	5.2	5.2	5.5	6.2	7.4	9.3	10.0	11.7	13.0	13.7	14.8	15.4	14.3	12.7
Other Specialty Trade Contract	3.0	2.5	2.2	2.0	2.2	2.2	2.5	2.9	2.9	3.6	4.1	4.2	4.3	4.9	5.6	5.8	6.1	5.9
Manufacturing	39.3	40.2	38.4	37.9	38.4	41.4	44.6	45.7	46.5	47.9	47.4	44.9	42.0	41.5	42.6	43.1	42.8	40.7
Durable Goods	20.8	19.8	18.3	19.1	20.4	23.9	26.8	28.0	28.9	30.6	31.2	30.5	27.8	27.5	28.9	29.8	29.7	28.1
Computer & Electronic Product Manufacturing	6.1	5.6	5.2	5.3	5.5	8.6	11.2	11.7	11.7	12.7	11.9	10.9	8.3	7.5	8.2	8.0	8.3	7.9
Computer & Peripheral Equipment Manufactu	3.0	3.3	3.2	3.2	3.2	5.7	7.9	8.2	7.9	8.2	7.3	6.2	4.5	4.8	5.2	5.0	4.7	4.7
Semiconductor & Electronic Component Man	1.1	1.1	0.5	0.5	0.7	1.1	1.3	1.3	1.4	1.7	1.9	1.9	1.2	0.8	1.4	1.3	1.8	1.4
Residual-Communications Equipment Manufa	1.9	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.5	2.8	2.7	2.8	2.5	1.9	1.6	1.6	1.9	1.8
Residual-Miscellaneous Manufacturing	14.6	14.2	13.1	13.8	14.9	15.3	15.6	16.3	17.2	17.9	19.3	19.6	19.6	20.1	20.8	21.8	21.4	20.3
Nondurable Goods	18.6	20.4	20.1	18.8	18.1	17.4	17.8	17.7	17.6	17.3	16.2	14.4	14.2	13.9	13.7	13.3	13.1	12.5
Food Manufacturing	7.1	8.6	8.2	7.9	7.4	7.1	7.2	6.7	6.6	6.8	6.0	5.3	5.2	5.1	4.9	4.9	4.7	4.3
Residual-Beverage & Tobacco Product Mfg	11.4	11.8	11.9	10.9	10.7	10.4	10.5	11.0	11.0	10.5	10.2	9.1	9.0	8.9	8.7	8.4	8.4	8.2
Service Providing	536.7	554.3	553.2	558.9	574.5	589.8	603.2	619.4	643.5	673.8	695.9	713.6	728.1	737.4	745.0	763.7	784.9	795.2
Private Service Producing	352.4	369.8	369.2	374.2	385.8	398.7	411.3	424.9	445.5	467.7	485.2	495.5	501.3	511.3	523.4	539.7	556.5	560.1
Trade, Transportation & Utilities	113.5	113.6	111.6	109.6	112.4	116.0	118.1	123.3	127.4	134.5	138.7	140.6	140.6	143.1	146.1	148.9	153.6	153.4
Wholesale Trade	19.9	21.5	21.4	20.7	20.9	21.3	22.0	22.9	23.2	24.5	25.1	25.8	25.6	26.3	26.5	26.9	28.4	28.1
Merchant Wholesalers, Durable Goods	11.3	11.2	11.3	10.8	11.1	11.4	11.9	12.4	12.9	13.8	13.6	13.9	13.7	13.8	14.1	14.6	15.3	15.5
Merchant Wholesalers, Nondurable Goods	5.9	7.2	7.6	7.6	7.7	7.9	8.3	8.5	8.4	8.7	9.3	9.3	9.3	10.0	9.8	9.4	9.7	9.2
Wholesale Electronic Markets & Agents & Brok	2.7	3.0	2.5	2.2	2.1	2.0	1.9	2.1	2.0	2.1	2.2	2.6	2.6	2.4	2.6	3.0	3.4	3.4
Retail Trade	77.5	74.5	72.7	71.2	73.1	75.2	76.2	79.8	83.0	87.2	89.9	91.6	92.7	94.9	96.7	98.7	100.7	99.9
Motor Vehicle & Parts Dealer	9.7	9.7	9.3	9.6	10.0	10.6	10.7	11.4	11.8	12.5	13.7	13.6	13.7	13.8	14.5	14.7	14.7	13.8
Building Material & Garden Equipment Stores	5.9	6.2	5.7	5.1	5.1	5.2	5.3	5.5	5.7	6.5	7.3	8.1	8.6	9.4	9.5	9.7	9.4	9.0
Food & Beverage Stores	17.0	16.9	16.8	16.2	16.6	16.5	16.5	16.9	17.0	18.0	18.0	18.3	18.9	19.5	19.1	19.1	19.5	19.5
Grocery Stores	14.9	14.9	14.8	14.3	14.6	14.5	14.4	14.7	14.8	15.5	15.6	15.9	16.5	17.0	16.8	16.9	17.3	17.3
Residual-Specialty Food Stores	2.1	2.0	2.0	1.9	1.9	2.1	2.1	2.2	2.2	2.4	2.3	2.4	2.4	2.5	2.3	2.2	2.2	2.2
Health & Personal Care Stores	3.8	4.3	4.3	4.2	4.4	4.4	4.4	5.2	5.4	5.5	5.3	5.7	5.6	5.4	5.2	5.1	5.0	5.4
Clothing & Clothing Accessories Stores	6.1	6.1	5.9	5.8	5.9	5.8	5.6	5.9	6.3	6.6	6.8	7.3	7.3	7.8	8.2	8.1	8.0	8.0
Sporting Goods, Hobby, Book & Music Stores	5.0	5.0	5.0	4.4	4.5	4.6	4.6	4.8	5.5	5.7	5.8	5.7	5.4	5.1	5.3	5.6	5.6	5.5
General Merchandise Stores	12.9	12.5	11.6	11.8	11.7	12.5	11.9	12.3	13.1	13.0	13.3	13.0	13.7	14.9	15.6	16.8	17.8	18.7
Residual-Miscellaneous Store Retailers	17.2	13.8	14.2	14.2	15.0	15.5	17.1	17.7	18.1	19.4	19.8	19.9	19.7	19.0	19.4	19.7	20.7	19.9
Transportation, Warehousing & Utilities	16.2	17.6	17.5	17.7	18.4	19.5	19.9	20.6	21.2	22.8	23.6	23.3	22.4	21.9	22.9	23.4	24.5	25.4
Information	15.0	15.3	16.3	17.2	17.5	17.8	17.5	17.4	17.7	18.7	18.6	22.3	23.1	21.9	20.9	19.9	20.0	20.3
Publishing Industries (except Internet)	3.2	3.5	3.4	3.6	3.5	3.6	3.6	3.9	4.2	4.5	4.7	4.6	4.8	4.5	4.2	4.0	3.9	3.7
Telecommunications	7.7	8.1	9.3	9.9	10.2	10.3	9.5	8.8	9.1	9.4	9.5	10.8	11.5	11.8	11.6	10.9	11.0	11.5
Residual-Other Information Services	4.1	3.7	3.6	3.8	3.8	3.8	4.4	4.7	4.5	4.8	4.4	7.0	6.7	5.6	5.2	5.0	5.1	5.1

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Financial Activities	40.5	42.7	42.2	43.0	42.2	40.7	42.8	46.4	52.2	53.3	52.3	52.5	55.2	59.4	60.4	63.5	64.6	62.5
Finance & Insurance	29.3	31.2	31.1	32.1	31.3	29.6	31.2	34.1	39.3	39.8	38.5	38.7	41.3	44.8	45.4	47.0	47.7	46.5
Credit Intermediation & Related Activities	13.3	14.2	14.2	14.7	14.0	13.0	13.3	14.7	15.9	16.7	15.7	14.8	16.1	17.2	17.7	19.0	19.5	18.6
Depository Credit Intermediation	10.8	11.6	11.1	10.8	9.9	9.0	8.5	8.9	9.0	8.9	9.2	9.3	9.8	10.1	10.0	10.3	10.6	10.8
Nondepository Credit Intermediation	2.1	2.0	2.2	2.5	2.5	2.2	2.9	3.2	4.3	4.9	4.3	4.6	4.7	4.9	4.8	5.1	5.5	5.0
Activities Related to Credit Intermediation	0.3	0.6	1.0	1.4	1.6	1.9	1.9	2.7	2.6	2.9	2.2	0.9	1.7	2.2	2.9	3.6	3.5	2.8
Residual-Other Finance	1.5	1.4	1.4	1.6	1.4	1.0	1.4	2.5	5.1	3.8	3.7	4.0	4.4	5.1	4.6	4.7	4.8	4.7
Insurance Carriers & Related	14.6	15.6	15.4	15.8	15.9	15.5	16.5	17.0	18.2	19.3	19.2	19.9	20.8	22.6	23.1	23.3	23.4	23.3
Real Estate & Rental & Leasing	11.2	11.5	11.1	11.0	11.0	11.1	11.6	12.3	12.9	13.5	13.7	13.7	13.9	14.6	15.1	16.4	16.9	16.0
Real Estate	8.2	8.5	8.3	8.1	7.9	7.7	7.8	8.1	8.5	8.8	9.1	9.1	9.6	10.5	11.0	11.9	12.0	11.2
Residual-Rental & Leasing Services	3.0	3.0	2.8	2.8	3.1	3.4	3.8	4.1	4.4	4.7	4.6	4.6	4.3	4.0	4.0	4.6	4.9	4.8
Professional & Business Services	54.9	62.4	62.0	64.1	70.1	77.0	81.0	85.6	94.0	101.6	108.0	104.2	101.0	100.6	103.1	108.6	112.5	111.4
Professional, Scientific & Technical Services	27.3	29.2	29.4	30.3	31.5	34.1	34.2	35.2	38.0	40.9	44.0	45.3	46.0	46.9	47.7	51.5	54.3	55.0
Architectural, Engineering & Related Services	5.0	5.4	4.9	4.7	4.9	5.3	5.6	6.2	6.4	7.1	8.1	8.4	8.2	8.1	8.5	9.3	10.1	10.6
Residual-Other Professional, Scientific & Techı	22.4	23.8	24.5	25.5	26.7	28.8	28.6	29.0	31.7	33.7	35.9	37.0	37.8	38.8	39.2	42.1	44.2	44.3
Management of Companies & Enterprises	5.6	8.0	8.1	9.0	10.1	11.4	12.2	12.8	14.0	15.5	15.0	13.5	11.6	10.5	9.6	9.0	8.4	8.1
Administrative & Support & Waste Services	22.0	25.3	24.5	24.8	28.4	31.5	34.6	37.6	41.8	45.2	48.9	45.4	43.5	43.2	45.8	48.2	49.9	48.3
Administrative & Support Services	20.8	24.1	23.5	23.7	27.3	30.1	32.8	35.7	40.0	43.3	47.3	43.7	42.0	41.4	44.1	46.2	47.9	46.3
Employment Services	6.2	7.8	7.6	7.4	9.9	11.6	13.5	16.4	19.8	21.9	25.3	21.5	19.6	18.1	19.8	20.7	21.1	19.3
Investigation & Security Services	4.9	5.4	5.2	5.3	5.5	5.4	5.7	6.1	5.4	5.4	5.4	4.6	4.6	4.7	4.6	4.9	5.5	5.7
Services to Buildings & Dwellings	5.6	6.4	6.3	6.8	7.1	7.5	8.1	8.2	9.1	9.6	10.0	10.5	10.7	11.2	11.8	12.4	12.7	12.7
ResidualOther Support Services	4.1	4.5	4.4	4.3	4.8	5.6	5.6	5.0	5.7	6.5	6.7	7.1	7.1	7.4	7.9	8.2	8.7	8.6
Waste Management & Remediation Services	1.2	1.1	1.0	1.1	1.1	1.4	1.8	1.9	1.8	1.9	1.7	1.7	1.5	1.7	1.8	1.9	1.9	2.0
Educational & Health Services	53.4	57.3	59.0	61.1	61.9	63.3	64.4	64.3	64.7	67.0	70.6	75.9	78.0	81.0	84.6	88.2	92.1	96.9
Educational Services	5.1	5.5	5.4	5.6	5.3	5.5	6.0	6.8	7.0	7.9	8.1	9.4	10.3	11.0	12.0	12.0	12.7	13.1
Health Care & Social Assistance	48.3	51.8	53.6	55.5	56.6	57.9	58.4	57.5	57.7	59.1	62.5	66.5	67.7	70.0	72.6	76.2	79.4	83.9
Ambulatory Health Care Services	19.3	20.2	21.2	22.4	23.4	24.3	23.9	23.2	23.5	24.4	25.2	25.9	24.1	22.7	24.5	25.6	27.3	29.0
Hospitals	14.2	15.4	15.7	15.8	15.2	15.1	15.0	15.6	16.4	16.9	17.6	17.9	19.8	23.5	24.8	26.3	26.8	27.8
Nursing & Residential Care Facilities	8.3	9.0	9.3	9.8	10.0	10.2	10.5	10.2	10.0	10.3	10.4	11.2	12.1	12.2	11.7	12.4	13.0	13.9
Social Assistance	6.4	7.2	7.4	7.5	8.0	8.3	9.0	8.5	7.7	7.6	9.3	11.5	11.7	11.6	11.6	11.9	12.3	13.2
Leisure & Hospitality	53.4	57.0	57.0	57.9	60.5	62.5	65.0	64.5	64.3	66.5	70.3	72.2	75.2	77.3	79.9	82.1	85.3	86.8
Arts, Entertainment, & Recreation	9.2	9.6	9.1	9.2	9.2	9.8	10.4	10.3	9.9	10.4	10.9	11.8	12.1	12.6	13.0	12.8	13.2	13.5
Accommodation & Food Service	44.2	47.4	47.9	48.7	51.3	52.6	54.7	54.2	54.5	56.1	59.4	60.4	63.1	64.7	66.8	69.3	72.1	73.4
Accommodation	6.7	7.0	6.9	6.9	6.9	6.9	7.3	7.1	7.4	7.4	7.7	7.5	8.5	8.6	8.5	8.4	8.7	8.6
Food Services & Drinking Places	37.5	40.4	41.0	41.8	44.4	45.8	47.4	47.1	47.0	48.7	51.7	52.9	54.6	56.2	58.3	60.9	63.4	64.8
Full-Service Restaurants	18.0	17.7	17.4	16.8	18.4	18.8	19.6	20.1	20.9	22.4	23.9	24.1	24.8	25.2	26.5	27.9	29.1	30.7
Limited-Service Eating Places	16.9	19.8	20.5	21.8	22.1	23.2	24.4	24.0	23.5	24.0	25.6	25.8	26.7	27.6	28.4	29.6	30.7	30.6
Residual-Special Food Services	2.6	2.9	3.1	3.2	4.0	3.8	3.3	3.0	2.7	2.3	2.2	2.9	3.1	3.3	3.5	3.5	3.5	3.5
Other Services	21.7	21.6	21.1	21.3	21.2	21.6	22.4	23.5	25.2	26.1	26.8	27.7	28.2	28.0	28.5	28.5	28.3	28.8
Repair & Maintenance	5.8	6.5	6.1	6.3	6.4	7.0	7.7	8.3	8.9	9.7	10.0	10.2	9.5	9.1	9.0	9.1	9.1	9.4
Residual-Personal & Laundry Services	15.9	15.1	14.9	15.0	14.8	14.6	14.8	15.3	16.3	16.5	16.8	17.5	18.7	18.9	19.5	19.4	19.2	19.4
Government	184.3	184.5	184.0	184.7	188.7	191.1	192.0	194.5	198.0	206.1	210.7	218.1	226.8	226.2	221.6	224.0	228.4	235.1
Federal Government	29.9	27.7	25.8	25.2	23.8	22.7	21.4	20.8	19.2	17.2	15.5	12.8	12.7	12.9	12.6	12.8	12.6	12.4
Department of Defense	17.9	15.9	15.0	13.3	11.6	10.7	10.3	9.8	8.3	6.1	3.8	2.2	2.0	1.8	1.7	1.6	1.6	1.6
Other Federal Government	12.0	11.8	10.8	11.9	12.2	11.9	11.2	11.0	10.9	11.1	11.7	10.6	10.7	11.1	10.9	11.1	11.0	10.8
State & Local Government	154.4	156.9	158.2	159.6	164.9	168.4	170.5	173.7	178.8	189.0	195.2	205.3	214.1	213.3	209.0	211.3	215.8	222.7
State Government	85.3	85.2	85.2	86.5	90.1	92.5	92.8	92.9	94.2	98.3	101.2	106.2	108.2	106.7	102.3	102.5	105.4	110.0
State Government Education	20.8	20.2	20.2	20.1	20.3	20.6	20.8	21.2	21.7	22.5	23.6	24.6	25.6	26.1	26.3	26.5	26.7	27.3
Other State Government	64.4	65.0	65.0	66.4	69.8	71.9	72.1	71.7	72.5	75.8	77.6	81.6	82.6	80.6	76.0	76.0	78.7	82.7
Local Government	69.1	71.6	72.9	73.0	74.8	75.9	77.7	80.7	84.6	90.7	94.0	99.1	105.9	106.6	106.8	108.8	110.4	112.7
Local Government Education	40.1	41.3	41.6	42.3	43.7	44.4	45.9	48.3	51.2	55.2	57.0	60.2	64.5	63.4	62.6	63.1	64.0	65.2
County	14.8	15.6	15.8	15.3	15.8	16.2	16.4	16.6	17.0	18.3	19.1	20.1	21.3	21.3	20.6	20.6	20.9	21.4
City	7.5	7.8	8.2	8.1	8.0	8.0	8.1	8.6	8.8	9.3	9.8	10.2	10.8	10.8	10.8	11.0	11.2	11.7
Other Local Government	6.7	6.9	7.3	7.4	7.4	7.4	7.2	7.2	7.6	7.8	8.1	8.6	9.4	11.2	12.8	14.1	14.2	14.5
Salinas MSA																		
Total Nonfarm	110.1	108.3	108.5	107.9	107.5	108.2	112.2	116.3	119.5	123.6	127.3	130.1	129.6	127.8	126.9	127.4	127.9	128.4
Total Private	82.4	80.5	80.6	80.9	81.7	82.4	85.5	88.2	90.4	93.8	97.0	99.7	98.3	96.8	96.6	97.1	97.3	96.9
Goods Producing	14.0	12.6	12.0	12.3	12.8	12.9	13.4	13.6	13.8	14.5	15.1	16.1	15.1	14.4	14.1	13.6	13.5	13.1
Natural Resources & Mining	0.2	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	4.7	4.3	3.7	3.5	3.6	3.8	4.1	4.5	5.3	5.9	6.3	6.7	6.6	6.7	6.7	6.7	7.2	7.0
Manufacturing	9.1	8.0	8.1	8.5	9.0	9.0	9.2	9.1	8.5	8.4	8.7	9.3	8.3	7.5	7.2	6.7	6.1	6.0
Durable Goods	3.3	3.0	2.9	2.8	2.8	3.1	3.2	2.9	2.8	2.6	2.5	2.5	2.0	1.7	1.7	1.7	1.7	1.7
Nondurable Goods	5.7	5.1	5.2	5.8	6.3	5.9	6.0	6.1	5.7	5.9	6.2	6.8	6.3	5.8	5.5	5.0	4.5	4.2
Food Manufacturing	3.7	3.0	3.2	3.7	4.3	4.1	4.2	4.3	3.9	4.1	4.5	5.0	4.5	4.2	3.7	3.3	3.1	2.7
Residual-Beverage & Tobacco Product Mfg	2.1	2.0	2.0	2.1	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.7	1.8	1.7	1.4	1.5
Service Providing	96.1	95.7	96.5	95.7	94.8	95.2	98.8	102.7	105.7	109.2	112.2	113.9	114.5	113.4	112.8	113.8	114.4	115.3
Private Service Producing	68.5	67.9	68.6	68.7	69.0	69.4	72.1	74.6	76.5	79.4	81.9	83.5	83.2	82.4	82.5	83.5	83.8	83.7
Trade, Transportation & Utilities	22.0	21.3	20.9	20.6	20.9	20.3	21.1	22.3	22.9	23.8	24.5	25.4	25.5	25.2	25.2	25.0	25.3	25.5
Wholesale Trade	4.2	4.1	3.6	3.5	3.5	3.4	3.6	3.8	4.0	4.4	4.6	4.8	5.0	4.9	4.7	4.8	5.0	4.9
Retail Trade	14.7	14.1	14.3	14.0	14.2	14.1	14.4	15.3	15.6	15.8	16.4	17.1	17.1	17.1	17.2	16.8	16.8	17.0
Food & Beverage Stores	3.0	2.8	2.9	2.9	3.0	2.9	3.1	3.2	3.2	3.3	3.5	3.6	3.6	3.7	3.7	3.4	3.3	3.4
Residual-Miscellaneous Store Retailers	11.8	11.3	11.4	11.1	11.3	11.1	11.3	12.1	12.4	12.5	12.9	13.5	13.5	13.3	13.5	13.4	13.5	13.6
Transportation, Warehousing & Utilities	3.0	3.1	3.0	3.0	3.1	2.9	3.1	3.2	3.3	3.6	3.5	3.5	3.4	3.2	3.3	3.4	3.4	3.6
Information	3.4	3.3	3.1	3.2	3.3	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.4	2.4	2.3	2.4	2.2	2.1
Financial Activities	6.6	6.5	6.9	7.1	6.9	6.7	6.2	6.1	6.2	6.3	6.3	6.5	6.5	6.5	5.9	6.1	6.2	6.0
Professional & Business Services	7.3	8.5	8.9	9.1	9.3	9.6	11.1	11.5	11.6	12.9	12.9	12.5	12.3	11.8	11.8	12.5	12.4	12.0
Educational & Health Services	8.0	8.3	8.8	8.9	8.9	9.3	9.4	10.0	10.7	10.7	11.2	11.7	12.0	12.3	12.3	12.2	12.5	12.6
Educational Services	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8
Health Care & Social Assistance	6.7	7.0	7.5	7.5	7.5	7.8	7.9	8.3	8.9	9.0	9.4	10.0	10.2	10.6	10.5	10.5	10.7	10.8

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Leisure & Hospitality	17.8	16.4	16.2	16.2	16.1	16.8	17.5	17.9	18.2	18.8	20.0	20.4	20.1	19.7	20.3	20.8	20.7	21.1
Arts, Entertainment, & Recreation	2.0	1.4	1.3	1.4	1.3	1.2	1.3	1.4	1.6	2.1	2.2	2.3	2.4	2.4	2.3	2.3	2.2	2.2
Accommodation & Food Service	15.8	15.0	14.9	14.8	14.9	15.6	16.2	16.5	16.6	16.8	17.8	18.0	17.6	17.3	18.0	18.4	18.5	18.9
Accommodation	6.4	6.1	5.8	5.7	5.9	6.4	6.5	6.7	6.8	6.5	7.1	7.2	6.8	6.8	7.2	7.2	7.3	7.3
Food Services & Drinking Places	9.4	8.9	9.1	9.1	9.0	9.2	9.7	9.7	9.8	10.3	10.7	10.8	10.8	10.5	10.8	11.2	11.2	11.6
Other Services	3.5	3.6	3.7	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.6	4.5	4.5
Government	27.7	27.9	28.0	27.0	25.8	25.8	26.7	28.1	29.2	29.8	30.4	30.4	31.3	31.1	30.3	30.3	30.6	31.5
Federal Government	8.6	8.2	7.9	7.3	6.0	5.5	5.5	5.5	5.2	5.0	5.0	4.8	4.9	4.8	4.7	4.8	4.8	5.0
Other Federal Government	3.5	3.2	3.0	2.6	2.0	1.9	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.8
Department of Defense	5.1	5.0	4.9	4.7	4.1	3.7	3.7	3.7	3.5	3.2	3.0	3.0	3.1	3.1	3.0	3.0	3.1	3.2
State & Local Government	19.1	19.7	20.0	19.7	19.8	20.3	21.2	22.6	23.9	24.8	25.4	25.6	26.4	26.3	25.6	25.4	25.8	26.6
State Government	2.4	2.5	2.4	2.3	2.4	2.6	3.4	4.3	4.3	4.5	4.5	4.6	4.8	5.0	4.9	4.6	4.8	5.0
State Government Education	-	-	-	-	-	0.2	0.4	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	1.0
Other State Government	2.4	2.5	2.4	2.3	2.4	2.5	3.0	3.6	3.5	3.6	3.5	3.6	3.7	4.0	3.9	3.7	3.8	4.0
Local Government	16.7	17.2	17.6	17.4	17.4	17.6	17.8	18.4	19.6	20.3	20.9	21.0	21.7	21.3	20.7	20.9	21.0	21.6
Local Government Education	9.4	9.6	9.6	9.5	9.5	9.4	9.6	9.7	10.6	11.0	11.3	11.2	11.3	11.4	11.3	11.1	11.0	11.2
County	3.4	3.6	3.8	3.7	3.7	4.0	3.9	4.1	4.3	4.6	4.7	4.7	5.1	4.7	4.3	4.5	4.5	4.7
City	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.3	2.2	2.2	2.4
Other Local Government	1.9	2.1	2.1	2.2	2.2	2.1	2.1	2.3	2.4	2.4	2.6	2.7	2.7	2.7	2.9	3.1	3.3	3.3
San Diego-Carlsbad-San Marcos MSA																		
Total Nonfarm	966.6	962.6	947.7	947.0	955.3	978.5	1,006.2	1,054.3	1,105.5	1,152.9	1,193.8	1,218.4	1,230.7	1,240.1	1,260.3	1,282.1	1,301.6	1,308.2
Total Private	789.3	783.6	768.4	768.0	773.8	792.4	816.1	862.3	910.9	953.5	987.2	1,004.7	1,011.0	1,022.9	1,046.0	1,067.0	1,083.6	1,086.1
Goods Producing	184.2	169.3	157.2	147.6	147.7	151.6	157.1	169.3	184.5	190.2	192.6	194.4	189.0	185.8	192.4	195.7	197.1	189.7
Natural Resources & Mining	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4
Construction	60.2	49.7	44.6	41.0	41.8	44.5	46.5	51.9	60.2	67.0	69.7	75.1	76.4	80.2	87.7	90.8	92.7	87.2
Construction of Buildings	13.8	11.5	10.0	8.9	9.2	10.3	10.5	11.5	13.1	14.8	15.6	16.2	16.3	17.6	19.7	21.7	21.8	20.6
Heavy & Civil Engineering Construction	7.8	6.7	5.8	6.1	5.8	6.0	6.5	5.8	6.8	7.6	7.9	8.8	8.9	9.1	9.8	9.9	10.4	9.7
Specialty Trade Contractors	38.6	31.5	28.8	25.9	26.8	28.2	29.5	34.6	40.3	44.6	46.2	50.0	51.2	53.5	58.2	59.2	60.4	56.9
Building Foundation & Exterior Contractors	8.7	6.6	5.9	5.4	5.5	6.0	6.7	8.6	10.0	10.7	11.1	12.5	12.7	13.4	14.9	14.8	14.3	12.6
Building Equipment Contractors	10.9	10.3	9.6	8.7	9.0	9.5	9.8	11.4	13.4	14.7	15.2	16.5	16.7	17.4	18.6	19.1	20.1	20.6
Building Finishing Contractors	12.8	10.8	9.8	8.6	9.0	9.2	9.2	10.2	12.3	14.0	14.4	15.1	15.6	16.2	17.6	17.8	18.2	16.4
Residual-Other Specialty Trade Contract	6.2	3.9	3.4	3.2	3.3	3.5	3.8	4.4	4.7	5.2	5.5	5.9	6.3	6.5	7.2	7.5	7.8	7.3
Manufacturing	123.5	119.0	112.2	106.2	105.6	106.8	110.4	117.1	124.0	122.9	122.6	119.0	112.3	105.3	104.3	104.5	103.9	102.1
Durable Goods	100.6	95.8	86.5	79.0	77.3	79.5	82.9	87.8	93.6	92.4	92.2	89.3	84.7	78.8	78.1	79.1	78.4	77.1
Computer & Electronic Product Manufacturing	32.5	31.2	28.3	27.2	26.3	27.3	28.0	29.7	32.5	33.6	33.4	30.5	26.7	25.7	25.5	27.0	26.7	26.0
Computer & Peripheral Equipment Manufactu	5.7	5.0	3.9	4.0	3.9	4.1	4.2	4.7	5.0	5.4	5.4	5.5	5.2	5.2	4.3	4.2	4.0	3.4
Audio & Video Equipment Manufacturing	3.3	3.8	3.9	3.8	3.9	4.2	4.3	4.5	5.2	5.3	5.6	3.1	2.7	2.4	2.0	2.3	2.3	2.0
Residual-Semiconductor & Electronic Compo	12.4	12.2	11.7	11.4	11.3	11.8	12.2	13.6	15.6	16.2	16.2	15.8	13.4	12.7	13.1	13.0	12.1	12.0
Electronic Instrument Manufacturing	11.1	10.3	8.8	8.0	7.2	7.3	7.3	6.9	6.7	6.7	6.3	6.1	5.5	5.5	6.0	7.5	8.4	8.5
Transportation Equipment Manufacturing	31.1	30.0	24.3	18.1	16.0	14.5	14.3	14.3	14.8	14.1	13.5	13.2	13.6	12.7	13.7	13.9	14.1	14.7
Residual-Motor Vehicle Manufacturing	0.9	1.1	1.1	1.0	1.2	1.3	1.4	1.5	1.6	1.8	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3
Aerospace Product & Parts Manufacturing	22.9	21.5	15.9	10.6	8.7	6.7	5.4	5.8	6.7	6.0	6.2	6.4	6.0	5.4	5.2	5.5	5.9	6.3
Ship & Boat Building	7.3	7.5	7.3	6.5	6.2	6.5	7.5	7.1	6.4	6.4	5.7	5.3	6.1	6.0	7.1	7.0	6.7	7.1
Residual-Miscellaneous Manufacturing	37.0	34.6	33.9	33.8	35.0	37.7	40.7	43.7	46.2	44.7	45.3	45.6	44.4	40.4	39.0	38.2	37.6	36.4
Nondurable Goods	22.9	23.2	25.7	27.2	28.3	27.3	27.5	29.4	30.4	30.5	30.4	29.8	27.7	26.5	26.2	25.4	25.5	25.0
Service Providing	782.4	793.3	790.5	799.4	807.6	826.9	849.1	885.0	921.0	962.7	1,001.2	1,024.0	1,041.7	1,054.3	1,067.9	1,086.4	1,104.5	1,118.5
Private Service Producing	605.0	614.4	611.3	620.4	626.1	640.8	659.0	693.0	726.4	763.3	794.6	810.2	822.0	837.0	853.6	871.3	886.5	896.4
Trade, Transportation & Utilities	171.6	172.2	168.7	171.1	172.9	175.7	178.6	187.7	187.9	194.2	202.6	209.0	208.6	209.7	215.3	219.4	222.0	223.0
Wholesale Trade	32.2	31.1	30.8	30.3	31.4	33.4	31.9	33.8	34.7	36.8	39.1	41.5	41.3	41.6	41.9	43.6	45.1	45.5
Merchant Wholesalers, Durable Goods	17.8	18.1	18.1	17.9	18.4	19.6	17.9	19.0	19.5	20.6	22.4	24.6	23.9	23.3	22.6	23.6	24.1	24.3
Merchant Wholesalers, Nondurable Goods	9.9	9.5	9.7	9.5	10.0	10.7	10.9	11.4	11.9	13.0	13.4	13.4	13.3	13.3	13.6	13.9	14.5	14.6
Wholesale Electronic Markets & Agents & Brok	4.6	3.5	3.0	3.0	3.0	3.2	3.1	3.4	3.3	3.2	3.3	3.4	4.1	5.0	5.7	6.1	6.5	6.6
Retail Trade	115.2	114.3	111.7	114.2	114.3	115.5	119.0	125.1	124.7	128.2	133.8	135.6	138.0	140.8	144.9	147.4	148.3	148.7
Motor Vehicle & Parts Dealer	14.6	14.4	14.0	14.6	14.8	15.0	15.7	16.7	17.1	17.5	18.6	19.3	19.7	20.3	20.7	20.3	19.8	19.2
Residual-Furniture & Home Furnishings Stores	20.5	18.9	17.6	17.5	17.6	18.6	20.5	22.2	20.1	21.1	22.3	22.3	21.9	21.9	21.1	21.4	20.7	20.0
Building Material & Garden Equipment Stores	8.5	7.3	7.4	7.3	7.0	7.5	7.5	7.6	8.0	8.6	9.1	9.6	10.2	10.6	11.0	11.4	11.2	10.5
Food & Beverage Stores	21.4	22.3	21.8	21.9	21.2	21.4	21.6	22.4	21.9	22.1	22.2	22.6	23.4	24.0	24.3	25.0	25.9	27.6
Grocery Stores	18.6	19.8	19.0	18.7	17.9	17.9	18.1	19.0	18.5	19.0	19.1	19.6	20.4	21.0	21.5	22.1	22.8	24.2
Residual-Specialty Food Stores	2.9	2.6	2.8	3.3	3.3	3.5	3.5	3.5	3.5	3.1	3.1	3.0	3.1	3.0	2.9	2.9	3.1	3.4
Health & Personal Care Stores	5.8	6.4	6.2	6.2	6.2	6.2	6.8	6.9	7.0	7.3	7.6	8.0	7.9	8.3	9.0	8.7	8.7	8.9
Clothing & Clothing Accessories Stores	13.7	13.4	13.3	14.1	13.8	12.5	12.1	12.7	13.2	13.7	14.4	14.7	14.9	15.5	16.5	17.0	17.7	18.6
Clothing Stores	10.6	10.1	10.2	11.1	10.8	9.7	9.4	10.0	10.2	10.9	11.4	11.6	11.7	12.2	13.0	13.5	14.1	14.9
Residual-Shoe Stores	3.1	3.3	3.1	3.0	2.9	2.8	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.3	3.4	3.4	3.6	3.7
Sporting Goods, Hobby, Book & Music Stores	5.0	5.1	5.8	6.2	6.6	6.6	7.0	7.4	7.8	8.1	8.2	8.2	8.4	8.3	8.3	8.2	8.5	8.7
General Merchandise Stores	18.7	19.4	18.4	19.1	19.5	19.5	18.9	19.6	19.9	19.5	20.6	20.3	21.0	21.5	23.6	25.2	25.9	25.7
Department Stores	12.9	14.4	13.7	14.1	14.5	14.8	14.6	15.3	15.6	15.6	16.6	16.1	16.3	15.9	17.4	19.1	19.3	19.2
Other General Merchandise Stores	5.8	4.9	4.6	5.0	5.0	4.7	4.3	4.3	4.2	3.9	4.1	4.2	4.7	5.6	6.2	6.1	6.6	6.6
Miscellaneous Store Retailers	7.0	7.1	7.2	7.3	7.7	8.2	9.0	9.6	9.8	10.3	10.8	10.7	10.7	10.5	10.5	10.3	9.8	9.6
Transportation, Warehousing & Utilities	24.1	26.7	26.2	26.6	27.2	26.9	27.6	28.8	28.6	29.2	29.8	32.0	29.3	27.3	28.4	28.4	28.7	28.8
Utilities	6.6	6.7	6.8	6.7	6.5	6.5	6.2	6.1	6.2	5.9	5.7	6.9	6.3	6.1	6.4	6.4	6.5	6.6
Transportation & Warehousing	17.5	20.0	19.5	19.9	20.7	20.4	21.4	22.7	22.4	23.3	24.1	25.0	23.0	21.2	22.1	21.9	22.2	22.2
Residual-Air Transportation	14.3	15.9	15.3	15.6	16.1	16.0	17.0	17.9	17.6	18.3	19.0	19.5	18.8	18.8	19.3	18.9	19.2	19.0
Warehousing & Storage	3.2	4.1	4.2	4.3	4.6	4.4	4.4	4.8	4.8	4.9	5.1	5.5	4.2	2.5	2.7	3.0	3.1	3.2
Information	21.7	22.6	22.2	22.9	24.1	26.1	28.0	30.6	34.3	36.2	39.2	38.8	37.7	36.9	36.6	37.4	37.3	38.0
Publishing Industries (except Internet)	7.9	8.2	8.1	7.9	8.2	8.7	8.7	9.2	9.8	10.2	12.0	11.9	11.5	10.8	10.7	10.8	10.7	10.5
Newspaper, Periodical, Book & Directory Publi	6.9	7.0	6.8	6.5	6.3	6.6	6.5	6.8	7.0	7.1	7.7	7.3	6.9	6.7	6.6	6.8	6.8	6.3
Software Publishers	1.0	1.2	1.3	1.4	1.9	2.2	2.2	2.5	2.8	3.1	4.4	4.5	4.6	4.1	4.0	4.0	3.9	4.2
Broadcasting (except Internet)	3.0	3.1	2.9	3.0	3.2	3.3	3.5	3.3	3.3	3.5	3.6	3.4	3.7	4.4	4.4	4.6	4.6	4.8

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Telecommunications	6.5	7.0	7.1	7.9	8.9	9.9	11.3	13.2	15.8	16.3	15.6	16.5	16.9	15.8	15.3	15.8	16.2	17.5
Wireless Telecommunications Carriers	0.2	0.7	1.1	1.6	2.3	3.6	5.5	7.2	8.9	9.2	7.7	8.1	8.4	8.0	7.9	8.7	9.3	10.5
Residual-Other Telecommunications	6.4	6.3	6.0	6.2	6.6	6.3	5.8	6.0	7.0	7.2	7.8	8.5	8.6	7.8	7.5	7.1	6.9	7.0
Residual-Other Information Services	4.3	4.3	4.1	4.0	3.9	4.2	4.5	5.0	5.3	6.1	8.0	7.0	5.7	6.0	6.2	6.2	5.8	5.2
Financial Activities	65.3	63.8	61.1	61.5	58.6	57.3	59.0	62.3	66.0	70.4	71.2	72.0	75.0	79.9	81.9	83.2	83.7	80.4
Finance & Insurance	42.3	41.3	39.4	39.6	36.6	35.0	35.7	37.7	39.7	43.3	44.0	44.9	47.3	51.2	52.8	53.5	53.2	50.5
Residual-Other Finance	0.5	0.1	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.4	0.6	0.8	1.1	1.3	1.1	1.5	1.3
Credit Intermediation & Related Activities	26.6	25.2	23.0	22.8	19.7	17.9	18.3	19.4	19.9	21.3	20.4	21.1	22.9	25.3	26.6	27.3	26.6	24.7
Securities, Commodity Contracts & Investment	3.0	3.1	3.3	3.6	4.1	4.3	4.7	5.3	5.9	6.7	7.5	7.6	7.5	7.4	7.6	8.0	8.2	7.7
Insurance Carriers & Related	12.2	12.8	12.9	13.0	12.7	12.6	12.5	12.6	13.7	15.0	15.6	15.6	16.1	17.4	17.3	17.1	16.9	16.8
Real Estate & Rental & Leasing	23.0	22.5	21.7	21.9	21.9	22.3	23.3	24.6	26.3	27.2	27.2	27.2	27.7	28.8	29.1	29.7	30.5	30.0
Real Estate	17.8	17.5	17.1	17.4	17.2	17.0	17.1	17.7	18.8	19.6	19.5	19.4	20.5	21.8	22.1	22.7	23.7	23.5
Residual-Rental & Leasing Services	5.2	5.0	4.6	4.5	4.7	5.3	6.2	7.0	7.5	7.6	7.7	7.8	7.3	7.0	7.1	7.0	6.8	6.4
Professional & Business Services	124.1	122.3	123.1	126.9	130.2	135.2	143.3	155.2	173.1	185.0	195.2	198.2	201.7	201.2	204.5	210.4	213.6	216.5
Professional, Scientific & Technical Services	65.6	64.2	62.4	64.1	64.5	66.0	67.9	70.9	78.1	85.3	92.3	98.3	100.8	101.6	99.8	105.9	109.7	112.4
Legal Services	9.7	10.2	9.9	9.6	9.5	9.3	9.3	9.6	9.9	10.2	10.5	11.1	11.4	11.7	11.8	12.0	12.4	12.6
Architectural, Engineering & Related Services	11.9	10.8	10.2	10.2	11.1	11.6	11.4	11.8	13.1	15.1	16.8	18.2	19.2	19.6	19.7	22.2	23.4	24.0
Scientific Research & Development Services	16.6	18.4	17.8	19.3	17.9	17.5	17.1	18.2	19.2	19.9	21.2	24.1	24.3	24.4	24.4	25.3	24.0	25.0
Residual-Other Professional, Scientific & Tech	27.5	24.8	24.4	25.1	26.0	27.6	30.1	31.3	35.9	40.0	43.8	44.9	46.0	46.0	43.9	46.5	49.9	50.7
Management of Companies & Enterprises	12.5	13.8	14.9	15.0	14.2	14.1	15.1	15.5	16.7	17.6	18.7	18.6	19.9	19.1	18.2	17.4	16.9	16.3
Administrative & Support & Waste Services	46.0	44.3	45.9	47.8	51.6	55.1	60.3	68.8	78.3	82.1	84.2	81.3	81.0	80.5	86.6	87.2	87.1	87.8
Administrative & Support Services	43.7	42.5	44.0	45.7	49.7	53.3	58.5	66.9	76.2	80.1	82.1	79.0	78.7	78.2	84.1	84.6	84.5	85.1
Employment Services	14.2	14.4	14.7	15.5	17.8	19.3	22.7	29.0	36.6	38.7	40.7	36.5	35.0	34.6	38.6	38.1	37.3	36.6
Investigation & Security Services	5.6	5.4	5.8	6.2	6.5	7.3	7.4	7.4	7.7	7.3	6.8	7.6	8.4	8.4	8.6	8.8	9.1	9.4
Services to Buildings & Dwellings	11.7	11.5	11.5	11.6	12.5	13.5	14.9	16.1	17.3	18.8	19.9	19.7	19.8	19.6	20.7	21.6	21.6	21.8
Residual-Other Support Services	12.3	11.3	12.0	12.5	12.9	13.1	13.6	14.5	14.7	15.3	14.7	15.2	15.5	15.7	16.3	16.1	16.5	17.4
Waste Management & Remediation Services	2.3	1.9	1.9	2.0	1.9	1.9	1.8	1.8	2.1	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5	2.7
Educational & Health Services	84.1	88.7	92.9	93.3	95.4	97.5	99.0	102.9	107.1	112.2	115.3	116.0	119.7	121.8	121.7	122.5	125.1	128.8
Educational Services	11.1	11.3	12.2	12.2	12.4	13.4	14.0	15.4	16.9	17.6	18.2	17.2	17.2	18.8	20.1	21.1	21.3	21.7
Residual-Elementary & Secondary Schools	7.5	7.4	7.8	8.2	8.2	8.4	8.6	9.3	10.7	11.8	12.8	11.6	11.5	12.5	13.7	14.6	14.9	15.2
Colleges, Universities & Professional Schools	3.6	3.9	4.4	4.0	4.2	4.9	5.3	6.1	6.2	5.8	5.4	5.5	5.7	6.3	6.4	6.5	6.4	6.5
Health Care & Social Assistance	73.0	77.4	80.8	81.1	83.0	84.2	85.0	87.5	90.2	94.6	97.2	98.8	102.5	103.0	101.6	101.4	103.8	107.1
Ambulatory Health Care Services	31.2	32.7	34.7	34.3	35.4	35.6	36.6	37.3	38.2	40.4	41.1	40.6	43.8	43.8	43.2	43.5	44.8	45.9
Hospitals	19.6	20.5	20.9	21.2	21.1	20.6	20.5	20.9	21.5	22.1	22.3	23.0	23.1	23.1	23.5	23.9	24.0	24.5
Nursing & Residential Care Facilities	12.4	13.8	14.3	14.0	13.7	14.6	15.1	15.5	15.8	16.6	17.1	17.6	17.9	18.2	17.7	17.3	17.9	19.0
Social Assistance	9.8	10.5	10.9	11.6	12.9	13.4	12.8	13.8	14.7	15.5	16.7	17.5	17.8	17.8	17.2	16.8	17.2	17.6
Leisure & Hospitality	104.3	110.4	109.2	110.4	109.9	113.3	114.2	116.2	118.6	124.4	129.0	131.4	133.8	140.7	145.7	149.6	156.5	160.9
Arts, Entertainment, & Recreation	15.9	16.1	15.6	15.2	14.7	15.4	15.7	16.1	16.1	17.0	17.8	17.5	18.6	21.2	22.1	22.6	23.7	24.6
Amusement, Gambling, & Recreation	8.4	8.3	8.2	8.1	9.4	9.5	10.5	11.1	10.7	11.5	12.0	10.9	12.5	14.2	14.8	15.2	15.7	16.7
Residual-Other Amusement & Recreation	7.5	7.7	7.4	7.1	5.3	5.9	5.1	5.0	5.4	5.5	5.8	6.6	6.1	7.0	7.3	7.5	7.9	7.9
Accommodation & Food Service	88.5	94.3	93.6	95.3	95.2	97.9	98.5	100.1	102.5	107.4	111.2	113.8	115.2	119.5	123.6	127.0	132.8	136.4
Accommodation	23.9	24.0	24.4	24.1	23.7	24.1	23.1	24.1	24.2	26.4	26.5	26.7	25.2	26.3	27.7	29.2	30.5	31.5
Food Services & Drinking Places	64.6	70.3	69.2	71.1	71.5	73.9	75.4	76.1	78.4	81.1	84.7	87.1	89.9	93.3	95.9	97.8	102.3	104.9
Full-Service Restaurants	26.6	27.5	28.3	29.2	30.5	32.1	34.6	35.9	37.2	39.0	41.2	42.7	43.5	44.6	46.4	48.0	51.0	52.7
Residual-Limited-Service Eating Places	37.9	42.9	40.9	42.0	41.1	41.8	40.9	40.2	41.2	42.1	43.5	44.4	46.4	48.7	49.5	49.8	51.2	52.2
Other Services	33.8	34.4	34.0	34.4	35.0	35.6	37.0	38.0	39.5	40.9	42.2	44.9	45.6	46.8	47.9	48.8	48.4	48.8
Repair & Maintenance	11.6	11.9	11.7	11.6	11.9	12.0	12.0	12.4	12.4	12.8	13.0	13.0	13.2	12.8	13.2	13.0	12.7	12.3
Personal & Laundry Services	10.1	11.0	10.7	10.7	10.7	10.8	11.9	12.0	12.3	13.1	13.6	13.8	13.9	14.2	14.3	15.0	15.2	15.4
Religious, Grantmaking, Civic, Professional & S	12.1	11.5	11.7	12.1	12.4	12.8	13.1	13.5	14.8	15.0	15.6	18.0	18.6	19.8	20.4	20.8	20.4	21.1
Government	177.4	178.9	179.3	179.1	181.5	186.1	190.1	192.0	194.5	199.3	206.6	213.8	219.7	217.3	214.3	215.1	217.9	222.1
Federal Government	49.2	47.1	45.4	44.3	45.4	45.7	45.8	44.6	43.3	42.5	42.1	40.2	40.1	40.1	39.7	39.7	40.4	40.8
Other Federal Government	25.5	23.8	22.7	22.1	22.8	22.9	22.7	21.8	20.9	20.8	20.9	19.9	20.0	20.2	20.0	20.2	21.8	22.2
Department of Defense	23.7	23.4	22.7	22.2	22.6	22.8	23.2	22.8	22.4	21.7	21.2	20.2	20.2	20.0	19.6	19.4	18.7	18.6
State & Local Government	128.2	131.8	133.9	134.7	136.1	140.4	144.3	147.4	151.2	156.8	164.6	173.6	179.6	177.1	174.6	175.4	177.5	181.4
State Government	28.1	29.2	29.2	29.8	30.2	31.1	31.3	31.3	32.2	33.6	35.0	36.1	37.7	38.1	38.0	38.2	39.1	40.3
State Government Education	18.0	18.6	18.3	18.6	18.9	19.8	20.4	20.7	21.3	22.2	22.7	23.4	24.8	25.3	25.3	25.6	26.2	26.8
Other State Government	10.1	10.6	10.9	11.2	11.3	11.3	11.0	10.6	10.8	11.4	12.2	12.8	13.0	12.8	12.7	12.6	12.9	13.5
Local Government	100.1	102.6	104.7	104.9	105.9	109.3	113.0	116.1	119.0	123.2	129.6	137.5	141.8	139.0	136.6	137.3	138.4	141.1
Local Government Education	55.0	56.0	57.2	58.6	59.5	60.7	63.4	66.7	69.2	72.1	74.1	76.5	77.8	74.8	72.0	72.4	73.0	74.9
County	16.9	17.1	17.6	17.5	17.9	18.1	17.9	17.7	17.8	17.9	18.2	18.7	20.1	19.3	18.9	19.2	20.0	20.5
City	15.8	16.6	16.7	16.1	16.3	16.7	17.0	17.3	17.8	18.2	18.9	19.8	20.3	20.2	19.9	19.8	19.5	19.2
Other Local Government	12.3	13.0	13.2	12.7	12.2	13.9	14.8	14.3	14.2	15.1	18.4	22.5	23.7	24.8	25.9	25.8	25.9	26.4
Marin, San Francisco, San Mateo Counties																		
Total Nonfarm	947.3	939.5	914.4	908.3	903.6	916.5	948.2	983.5	1,012.2	1,040.0	1,082.1	1,053.9	987.1	950.7	939.3	945.8	964.4	986.8
Total Private	808.3	800.8	781.1	778.9	776.6	791.5	824.1	859.5	889.6	914.5	951.0	923.6	854.1	819.0	809.0	812.9	829.0	850.0
Goods Producing	100.5	98.7	92.7	89.2	89.5	91.9	97.3	102.5	106.7	108.0	108.6	104.8	95.3	89.0	86.4	84.1	86.9	89.6
Natural Resources, Mining	0.8	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Construction	33.0	31.6	28.3	26.6	26.9	28.8	32.2	36.6	40.3	43.6	46.2	48.1	45.4	43.6	42.2	41.3	43.1	45.4
Building & Heavy Construction	14.9	14.7	13.1	12.0	11.8	12.7	14.4	16.8	18.6	20.3	21.9	22.9	21.5	20.2	19.5	19.0	20.1	20.7
Specialty Trade Contractors	18.1	17.0	15.3	14.6	15.1	16.1	17.8	19.8	21.6	23.4	24.3	25.2	23.9	23.4	22.7	22.3	23.0	24.7
Manufacturing	66.7	66.5	63.8	62.1	62.1	62.7	64.7	65.4	66.0	64.1	62.2	56.5	49.7	45.2	44.1	42.6	43.5	44.0
Durable Goods	30.6	29.3	27.1	26.2	27.5	27.9	28.9	30.2	31.4	31.2	32.0	30.3	25.6	22.6	22.0	21.0	21.2	21.5
Computer & Electronic Product Manufacturing	11.5	10.4	9.6	9.2	9.7	9.5	9.4	10.1	11.9	13.4	14.1	14.0	11.5	10.2	9.7	8.6	8.8	9.8
Residual-Miscellaneous Manufacturing	19.1	18.9	17.5	17.0	17.8	18.4	19.6	20.1	19.5	17.8	17.9	16.3	14.2	12.4	12.3	12.4	12.4	11.8
Nondurable Goods	36.1	37.2	36.7	35.9	34.6	34.8	35.7	35.2	34.6	32.9	30.2	26.2	24.1	22.6	22.1	21.6	22.3	22.4
Residual-Food Manufacturing	32.5	33.5	33.2	32.3	31.0	31.1	31.7	30.9	30.3	28.7	25.8	21.4	18.9	17.0	15.5	13.9	13.5	13.3
Chemical Manufacturing	3.7	3.7	3.5	3.6	3.6	3.7	4.0	4.3	4.3	4.2	4.4	4.8	5.2	5.7	6.6	7.7	8.8	9.1
Service Providing	846.8	840.8	821.7	819.1	814.1	824.6	850.9	881.0	905.6	932.0	973.5	949.1	891.8	861.7	852.9	861.7	877.5	897.2
Private Service Producing	707.8	702.1	688.4	689.8	687.1	699.6	726.8	757.0	782.9	806.5	842.4	818.8	758.7	730.0	722.6	728.7	742.2	760.4
Trade, Transportation & Utilities	196.8	191.2	183.4	179.3	176.3	176.9	181.5	188.4	191.2	190.9	193.5	188.6	175.2	168.2	164.7	163.3	162.4	162.8

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Wholesale Trade	40.0	39.4	36.7	35.6	35.4	35.2	35.9	36.3	34.9	33.6	32.6	31.4	29.1	27.4	26.5	26.1	26.7	27.2
Merchant Wholesalers, Durable Goods	20.1	19.7	18.3	18.0	18.3	17.9	18.0	18.1	18.2	17.7	17.2	16.2	14.3	13.0	12.3	11.9	12.1	12.2
Merchant Wholesalers, Nondurable Goods	13.5	13.9	13.5	13.1	12.7	13.0	13.5	14.0	12.6	12.2	11.9	11.7	11.2	11.0	10.7	10.4	10.7	10.9
Wholesale Electronic Markets & Agents & Brok	6.4	5.8	5.0	4.5	4.3	4.3	4.5	4.2	4.1	3.7	3.5	3.5	3.6	3.4	3.5	3.8	4.0	4.1
Retail Trade	96.9	90.8	86.4	85.5	84.3	85.7	88.6	92.7	96.0	99.2	102.4	101.8	97.4	94.7	93.3	93.8	93.6	95.1
Residual-Motor Vehicle & Parts Dealer	34.3	29.5	28.3	28.8	28.8	29.7	31.0	32.1	36.0	37.6	40.1	39.7	37.2	35.3	34.1	34.0	33.2	32.9
Food & Beverage Stores	16.1	16.9	16.2	16.2	16.4	16.6	17.4	18.6	18.9	19.4	18.7	19.5	19.3	19.4	19.4	19.6	19.1	19.6
Health & Personal Care Stores	5.3	5.7	5.5	5.5	5.5	5.6	5.8	6.1	6.0	6.4	7.1	7.3	7.0	6.5	6.6	6.8	6.8	6.8
Clothing & Clothing Accessories Stores	17.4	15.7	14.8	14.1	14.2	14.1	13.8	14.5	14.7	15.0	15.4	15.0	14.4	14.7	14.7	14.7	15.0	15.9
General Merchandise Stores	15.4	14.9	14.0	13.3	12.0	11.9	12.4	12.6	11.7	11.7	11.8	11.3	11.1	10.8	10.6	10.9	11.6	12.1
Miscellaneous Store Retailers	8.4	8.1	7.6	7.6	7.4	7.7	8.3	8.8	8.7	9.2	9.3	9.0	8.4	8.1	8.0	7.9	7.9	7.7
Transportation, Warehousing & Utilities	60.0	61.0	60.3	58.3	56.6	56.0	57.0	59.4	60.3	58.1	58.5	55.4	48.7	46.0	44.9	43.5	42.1	40.6
Utilities	10.1	10.3	10.3	9.9	9.2	8.9	9.1	10.7	10.6	10.2	9.3	7.4	7.7	7.9	8.0	7.9	7.3	6.1
Transportation & Warehousing	49.8	50.8	50.0	48.3	47.4	47.1	47.9	48.7	49.6	47.8	49.2	48.0	41.0	38.1	37.0	35.6	34.8	34.6
Air Transportation	25.2	25.7	25.5	24.6	22.4	22.0	22.6	23.1	23.7	23.5	23.8	24.3	19.7	17.4	16.5	15.3	14.2	14.2
Residual-Rail Transportation	18.5	19.5	19.3	18.2	18.4	18.2	18.6	18.9	18.9	16.9	17.0	16.5	15.1	15.1	15.3	15.4	15.7	15.3
Couriers & Messengers	6.1	5.6	5.2	5.5	6.6	6.8	6.8	6.8	7.0	7.5	8.4	7.2	6.2	5.6	5.1	4.9	4.9	5.0
Information	28.9	30.6	29.5	31.3	31.7	33.6	34.1	38.0	44.1	52.6	67.8	60.6	50.8	46.3	43.5	40.8	39.0	39.1
Publishing Industries (except Internet)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	17.8
Motion Picture & Sound Recording	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	3.5
Broadcasting (except Internet)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	5.1
Telecommunications	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	7.0
Residual-Other Information Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	5.8
Financial Activities	101.7	98.2	95.4	97.1	94.8	94.1	95.3	97.2	99.2	100.3	102.2	103.0	95.6	90.0	87.4	87.8	88.7	89.5
Finance & Insurance	77.4	74.0	71.6	73.2	71.3	70.0	71.1	72.8	74.6	76.1	78.1	79.6	73.5	68.5	66.6	66.9	67.5	68.3
Residual-Other Finance	3.0	1.0	0.9	3.0	2.8	2.9	2.6	2.6	3.2	2.4	1.9	1.8	2.0	1.9	2.3	2.6	2.5	2.5
Credit Intermediation & Related Activities	39.4	37.2	35.2	33.9	31.2	29.3	29.4	27.8	28.6	28.5	27.5	27.8	26.5	25.2	25.1	25.8	26.6	26.4
Depository Credit Intermediation	32.4	30.7	28.5	27.0	24.3	23.1	22.5	20.4	20.1	19.2	18.0	18.6	18.5	18.0	18.3	18.8	19.2	19.4
Nondepository Credit Intermediation	5.5	4.7	4.5	4.4	4.3	3.8	4.2	4.3	4.8	5.2	5.1	5.1	5.5	5.4	4.7	4.6	4.9	4.8
Activities Related to Credit Intermediation	1.5	1.7	2.2	2.5	2.6	2.4	2.7	3.1	3.7	4.2	4.4	4.0	2.5	1.8	2.1	2.4	2.5	2.3
Securities, Commodity Contracts & Investment	11.2	12.0	12.5	13.3	14.6	15.3	17.4	19.7	20.6	23.0	27.7	30.0	25.6	21.8	20.7	20.6	21.0	21.9
Insurance Carriers & Related	23.8	23.8	23.0	23.0	22.7	22.6	21.8	22.7	22.2	22.2	21.1	20.0	19.4	19.6	18.5	17.9	17.4	17.5
Real Estate & Rental & Leasing	24.3	24.2	23.8	23.9	23.5	24.0	24.2	24.5	24.6	24.2	24.1	23.4	22.1	21.5	20.8	20.9	21.2	21.2
Real Estate	16.4	16.3	15.9	15.9	15.7	15.7	15.8	16.2	16.4	16.1	15.7	15.5	15.8	16.0	15.7	16.0	16.4	16.7
Residual-Lessors of Nonfinancial Intangible As	7.9	7.9	8.0	8.0	7.8	8.4	8.4	8.3	8.2	8.1	8.4	8.0	6.3	5.5	5.1	4.9	4.8	4.5
Professional & Business Services	160.9	164.0	164.4	165.6	163.0	167.5	181.3	188.0	196.1	206.9	225.0	212.0	186.7	176.3	176.0	183.0	191.7	200.4
Professional, Scientific & Technical Services	77.2	81.5	79.0	78.7	80.1	82.4	88.2	94.9	99.7	108.9	125.2	122.5	106.2	97.9	100.4	107.5	114.9	120.9
Legal Services	17.4	17.9	17.3	17.1	16.6	16.8	16.8	17.4	17.9	18.4	18.8	19.4	18.9	18.2	18.1	19.2	19.3	19.1
Accounting, Tax Preparation & Bookkeeping S	9.9	10.1	9.5	8.7	8.6	8.4	8.9	9.3	9.9	10.1	10.7	10.9	8.8	7.8	7.6	8.2	9.8	10.1
Architectural, Engineering & Related Services	15.2	15.2	14.2	13.8	13.6	13.5	13.6	14.4	15.2	15.9	16.5	16.7	15.7	13.8	13.5	13.7	14.2	14.6
Computer Systems Design & Related Services	9.0	11.0	11.9	12.4	12.3	12.8	15.9	19.2	19.8	24.2	34.7	32.5	23.3	20.5	21.8	24.4	26.6	28.9
Residual-Other Professional, Scientific & Tech	25.7	27.4	26.2	26.7	28.9	31.0	33.0	34.6	36.8	40.3	44.4	43.1	39.5	37.6	39.3	42.0	45.1	48.2
Management of Companies & Enterprises	33.1	34.2	34.8	34.4	34.4	34.3	32.7	31.8	31.9	31.6	29.2	27.5	25.3	23.9	21.9	20.3	19.7	21.0
Administrative & Support & Waste Services	50.6	48.3	50.5	52.5	48.5	50.8	60.4	61.3	64.5	66.4	70.7	61.9	55.2	54.5	53.7	55.1	57.1	58.5
Administrative & Support Services	48.1	46.3	48.4	50.3	46.1	48.7	58.3	59.4	62.7	64.5	68.9	59.8	52.9	51.9	51.1	52.7	54.6	55.9
Employment Services	15.2	15.9	15.8	16.1	15.6	17.3	25.0	24.5	26.6	29.2	32.6	22.2	16.4	14.9	15.1	15.2	16.0	16.5
Investigation & Security Services	6.1	6.1	6.0	5.7	5.4	5.7	6.1	6.0	5.9	6.0	6.2	6.5	7.3	8.2	8.7	9.0	8.7	9.2
Services to Buildings & Dwellings	11.1	11.1	10.6	11.6	11.7	11.5	12.0	12.8	13.3	14.0	14.7	15.3	14.8	14.3	14.2	14.7	15.5	16.1
Residual-Other Support Services	15.7	13.2	16.0	16.8	13.4	14.2	15.2	16.1	16.8	15.2	15.3	15.8	14.4	14.5	13.2	13.8	14.3	14.1
Waste Management & Remediation Services	2.5	2.0	2.1	2.2	2.4	2.1	2.1	1.9	1.9	2.0	1.9	2.2	2.4	2.6	2.6	2.4	2.5	2.7
Educational & Health Services	86.9	87.3	87.2	87.3	88.0	90.2	92.4	96.4	99.8	101.2	96.6	97.0	97.5	99.0	100.1	100.8	103.2	105.5
Educational Services	16.7	14.6	14.5	15.3	15.7	16.8	17.8	19.2	21.4	21.6	22.7	21.8	21.8	22.0	22.5	23.3	24.2	25.4
Residual-Elementary & Secondary Schools	10.8	9.7	9.6	9.8	10.0	10.7	11.0	12.3	14.2	14.3	15.5	14.5	14.5	14.0	14.2	14.8	15.3	15.9
Colleges, Universities & Professional Schools	5.9	4.9	5.0	5.5	5.7	6.1	6.8	7.0	7.2	7.3	7.1	7.2	7.3	8.1	8.3	8.5	8.9	9.5
Health Care & Social Assistance	70.2	72.7	72.7	72.1	72.2	73.4	74.6	77.1	78.5	79.6	73.9	75.2	75.7	77.0	77.6	77.5	79.0	80.1
Ambulatory Health Care Services	22.8	25.5	25.9	25.1	25.4	26.6	27.1	28.0	27.8	28.0	28.0	28.6	26.6	24.2	24.6	24.5	24.9	25.8
Hospitals	24.9	24.3	23.8	23.3	22.0	20.8	20.7	22.2	22.6	23.0	18.2	17.7	19.6	23.1	23.8	24.6	24.9	24.6
Nursing & Residential Care Facilities	9.2	9.4	9.4	9.6	10.1	11.0	11.0	11.3	11.8	11.8	11.4	11.9	12.6	12.5	11.9	11.7	12.2	12.2
Social Assistance	13.4	13.5	13.6	14.0	14.7	15.1	15.8	15.7	16.3	16.7	16.3	17.0	17.0	17.1	17.2	16.9	17.0	17.5
Leisure & Hospitality	96.0	94.6	92.0	92.7	95.4	99.8	104.3	108.8	111.1	113.6	116.3	116.9	113.9	112.5	114.0	116.1	119.9	124.5
Arts, Entertainment, & Recreation	16.0	14.8	14.5	14.1	13.2	13.6	14.1	15.5	16.1	17.4	18.1	18.6	18.5	18.2	18.2	18.5	19.1	19.8
Performing Arts, Spectator Sports	9.4	8.0	7.3	7.0	5.8	5.7	5.8	6.1	6.6	6.6	7.3	7.0	7.1	6.9	6.8	6.8	7.4	7.3
Residual-Museums, Historical Sites, & Similar	6.6	6.8	7.2	7.1	7.4	7.9	8.3	9.4	9.6	10.8	10.8	11.6	11.5	11.3	11.4	11.7	11.8	12.5
Accommodation & Food Service	80.0	79.8	77.5	78.6	82.2	86.2	90.2	93.3	95.0	96.3	98.2	98.4	95.3	94.3	95.8	97.6	100.8	104.7
Accommodation	24.2	24.2	23.3	22.9	23.7	24.4	24.8	25.2	25.1	25.2	25.0	25.0	24.0	23.9	24.2	24.6	24.9	25.4
Food Services & Drinking Places	55.8	55.6	54.2	55.7	58.6	61.8	65.4	68.1	70.0	71.1	73.2	73.3	71.4	70.4	71.6	73.0	75.9	79.3
Full-Service Restaurants	28.4	28.1	27.8	28.3	30.2	32.2	34.0	36.0	37.8	39.7	40.0	39.5	38.3	38.0	38.8	39.9	41.8	43.6
Limited-Service Eating Places	20.9	21.4	20.3	20.8	20.6	21.9	23.1	23.6	23.5	22.6	24.4	25.4	25.3	24.7	25.1	25.3	26.2	27.4
Special Food Services	3.2	2.9	3.1	3.6	4.6	4.4	5.1	5.1	5.1	5.5	5.7	5.2	4.5	4.6	4.8	4.9	5.0	5.2
Drinking Places (Alcoholic Beverages)	3.2	3.2	3.1	3.1	3.2	3.3	3.2	3.5	3.6	3.3	3.2	3.3	3.2	3.1	2.9	2.9	2.8	3.1
Other Services	36.6	36.1	36.5	36.5	38.0	37.6	37.9	40.2	41.4	41.0	40.9	40.7	39.1	37.8	36.9	36.9	37.3	38.5
Repair & Maintenance	7.2	7.5	7.4	7.2	7.4	7.8	7.8	8.3	8.6	9.0	8.6	9.0	8.7	8.1	8.0	8.2	8.2	8.2
Personal & Laundry Services	9.6	9.8	9.7	9.8	9.8	10.0	10.5	10.7	10.7	11.0	11.2	11.2	10.8	10.4	10.3	10.5	11.0	11.8
Religious, Grantmaking, Civic, Professional & S	19.9	18.8	19.5	19.5	20.8	19.8	19.6	21.2	22.1	21.0	21.1	20.5	19.6	19.3	18.6	18.2	18.1	18.5
Government	139.0	138.8	133.3	129.4	127.1	125.0	124.1	124.0	122.7	125.5	131.1	130.3	133.1	131.7	130.3	133.0	135.4	136.9
Federal Government	36.0	35.7	33.0	30.9	29.1	26.5	25.3	24.7	24.4	24.3	25.4	22.3	22.5	22.5	21.4	20.4	19.9	19.3
Other Federal Government	28.7	28.7	28.4	28.0	27.0	25.0	24.0	23.6	23.5	23.5	24.7	21.8	22.0	21.9	20.9	19.9	19.4	18.9
Department of Defense	7.2	7.0	4.6	2.9	2.1	1.6	1.3	1.1	0.9	0.9	0.7	0.5	0.5	0.5	0.5	0.5	0.4	0.4
State & Local Government	103.1	103.1	100.3	98.5	98.0	98.5	98.8	99.4	98.3	101.2	105.7	108.0	110.6	109.2	108.9	112.6	115.5	117.6

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State Government	28.9	30.3	29.9	28.4	28.0	27.6	27.5	27.3	23.4	23.6	27.2	29.0	29.9	30.5	31.1	32.8	34.1	34.9
State Government Education	13.7	14.0	14.0	14.1	14.5	14.7	15.2	15.6	16.3	17.1	16.5	16.4	17.0	17.5	17.5	17.9	18.8	19.3
Other State Government	15.3	16.4	15.9	14.3	13.5	12.9	12.3	11.7	7.1	6.6	10.7	12.5	13.0	13.0	13.6	14.9	15.3	15.6
Local Government	74.1	72.7	70.4	70.1	70.0	70.9	71.4	72.1	74.9	77.6	78.6	79.0	80.7	78.7	77.8	79.8	81.4	82.7
Local Government Education	29.5	29.3	28.6	28.6	28.3	28.5	28.8	29.8	31.4	33.1	33.3	33.8	34.5	32.5	30.3	30.6	30.7	31.0
County	7.3	7.3	7.1	6.9	7.0	7.1	7.2	7.2	7.4	7.7	7.9	7.9	8.3	8.3	8.7	9.3	9.6	9.9
City	31.5	30.2	28.5	28.4	28.4	29.0	29.7	30.3	31.3	32.4	33.1	33.1	33.5	33.7	34.6	35.7	36.9	37.5
Other Local Government	5.8	6.0	6.2	6.2	6.3	6.3	5.7	4.7	4.8	4.4	4.2	4.2	4.3	4.3	4.2	4.2	4.2	4.2
San Jose-Sunnyvale-Santa Clara MSA																		
Total Nonfarm	824.2	815.4	801.7	806.7	810.3	842.8	891.9	939.7	969.7	985.1	1,044.3	1,017.9	917.2	870.3	862.0	869.9	891.2	908.1
Total Private	731.5	722.9	709.4	715.2	718.4	751.4	800.8	847.4	876.8	889.6	945.6	919.1	814.7	771.1	765.7	774.0	794.7	810.9
Goods Producing	283.8	272.5	256.6	250.2	243.8	256.9	275.0	286.6	288.9	281.6	301.3	290.2	245.5	217.3	210.3	209.6	210.8	213.3
Natural Resources & Mining	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.2	0.2	0.2	0.1	0.2	0.3	0.3
Construction	29.3	28.3	28.0	27.1	26.9	29.9	33.8	38.0	42.9	46.5	49.5	49.9	44.4	41.6	43.0	44.5	46.8	47.0
Residual-Building, Develop & Gen Cont & Hvy C	9.8	9.0	8.9	8.1	7.9	8.4	8.7	9.3	10.6	11.8	12.2	12.8	12.1	11.3	11.4	12.7	13.3	13.4
Specialty Trade Contractors	19.5	19.3	19.2	19.0	19.0	21.5	25.1	28.7	32.3	34.7	37.3	37.2	32.3	30.3	31.6	31.9	33.5	33.6
Building Equipment Contractors	7.9	7.8	7.9	7.9	8.1	9.6	11.6	13.4	14.9	15.3	17.3	16.9	14.3	12.8	13.0	13.3	14.3	14.5
Building Finishing Contractors	6.3	5.8	5.5	5.4	5.6	6.0	6.9	8.1	9.3	10.4	10.9	11.1	9.6	9.1	10.2	10.6	10.9	10.5
Residual-Other Specialty Trade Contract	5.3	5.7	5.8	5.7	5.3	5.9	6.6	7.2	8.1	9.0	9.0	9.2	8.4	8.3	8.4	8.0	8.3	8.6
Manufacturing	254.2	244.0	228.4	222.9	216.7	226.9	240.9	248.3	245.7	234.7	251.4	240.1	200.9	175.5	167.2	164.9	163.7	166.0
Durable Goods	227.8	220.8	206.8	200.4	195.1	205.1	218.9	227.0	224.1	213.5	231.2	221.5	185.2	162.6	155.3	152.8	151.0	153.0
Fabricated Metal Product Mfg	10.0	9.6	9.7	10.4	10.9	13.1	15.0	15.9	15.0	13.7	16.2	13.5	10.1	9.2	10.2	10.2	10.7	10.6
Machinery Manufacturing	8.2	8.3	8.1	8.1	9.1	11.2	14.7	15.3	16.1	15.0	19.1	19.7	16.6	13.9	12.2	11.6	10.3	9.3
Industrial Machinery Manufacturing	3.4	3.6	3.7	3.8	4.6	6.3	8.1	7.6	8.0	6.7	7.9	8.9	7.9	7.0	5.9	5.6	5.5	5.5
Commercial & Service Industry Manufacturing	2.4	2.3	2.2	2.1	2.4	2.8	3.6	4.3	4.8	5.3	7.9	7.6	5.9	4.5	4.0	3.6	2.5	1.7
ResidualOther General Purpose Machinery M	2.4	2.3	2.2	2.2	2.1	2.1	2.9	3.4	3.4	3.1	3.4	3.2	2.8	2.4	2.3	2.4	2.3	2.1
Computer & Electronic Product Manufacturing	167.3	163.4	152.6	149.2	146.2	154.0	162.8	170.1	165.7	157.5	169.9	163.6	134.8	117.4	110.7	108.6	107.6	110.6
Computer & Peripheral Equipment Manufactu	51.7	52.4	48.4	45.5	41.9	42.1	43.7	47.5	47.3	47.7	50.6	49.5	42.4	35.8	33.7	32.6	31.7	33.0
Electronic Computer Manufacturing	42.2	42.5	38.5	34.9	32.4	32.8	34.1	37.2	37.2	38.5	42.3	42.0	36.3	30.9	29.1	28.2	27.8	30.6
ResidualOther Computer & Peripheral Equi	9.5	9.9	9.9	10.6	9.5	9.3	9.6	10.3	10.1	9.2	8.3	7.5	6.1	4.9	4.6	4.5	3.9	2.5
Residual-Audio & Video Equip Mfg	13.8	12.6	10.9	11.9	10.4	11.0	12.2	12.9	13.2	13.4	15.7	15.1	10.5	8.5	8.3	8.0	7.9	8.5
Semiconductor & Electronic Component Man	62.1	60.0	56.8	55.7	57.1	63.1	66.6	67.2	64.5	60.9	69.0	64.9	52.8	46.5	44.7	45.0	46.4	47.8
Bare Printed Circuit Board Manufacturing	9.4	9.5	9.5	10.1	10.2	11.2	12.6	13.4	14.6	15.3	18.1	14.9	9.2	7.8	7.8	7.3	6.7	6.9
Semiconductor & Related Devices Manufac	36.4	35.7	33.9	31.6	31.6	35.2	35.4	36.4	36.1	33.7	37.3	35.7	30.3	27.6	26.4	26.7	27.6	28.9
ResidualOther Semiconductor & Electronic	16.3	14.9	13.4	14.0	15.3	16.8	18.7	17.4	13.8	11.9	13.5	14.3	13.4	11.1	10.5	11.0	12.1	12.1
Electronic Instrument Manufacturing	35.7	34.5	32.7	31.8	32.2	32.4	34.2	36.1	35.3	31.3	31.0	31.0	26.8	22.7	20.3	19.6	18.5	18.3
Magnetic Media Manufacturing & Reproducin	4.0	3.9	3.8	4.2	4.6	5.3	6.0	6.4	5.4	4.2	3.7	3.1	2.3	4.0	3.7	3.4	3.1	2.9
Transportation Equipment Manufacturing	28.5	26.5	23.8	20.2	16.8	15.2	14.4	13.9	13.0	11.7	11.0	9.9	9.8	9.6	9.3	9.4	9.7	10.0
Residual-Motor Vehicle Manufacturing	4.5	4.0	3.4	2.9	2.6	2.6	2.4	2.3	2.0	2.0	2.3	1.9	1.7	1.4	1.0	1.1	1.3	1.4
Aerospace Product & Parts Manufacturing	24.0	22.5	20.3	17.3	14.1	12.6	12.0	11.6	10.9	9.8	8.7	8.0	8.2	8.2	8.3	8.2	8.4	8.6
Residual-Miscellaneous Manufacturing	13.8	13.1	12.7	12.6	12.2	11.7	12.1	11.8	14.3	15.6	14.9	14.8	13.9	12.6	13.0	13.0	12.6	12.5
Nondurable Goods	26.4	23.3	21.5	22.5	21.5	21.7	22.0	21.2	21.6	21.2	20.3	18.5	15.6	12.9	11.9	12.2	12.8	13.1
Food Manufacturing	8.7	7.0	5.7	6.3	5.9	5.9	5.6	5.0	5.3	5.2	4.5	4.3	4.0	3.3	3.2	3.4	3.6	3.9
Residual-Beverage & Tobacco Product Mfg	10.7	9.6	9.6	9.8	9.9	10.3	11.1	11.2	11.0	10.6	10.2	8.8	7.0	5.6	5.1	5.0	5.2	5.0
Chemical Manufacturing	7.0	6.7	6.3	6.4	5.7	5.6	5.4	5.0	5.3	5.4	5.6	5.5	4.7	3.9	3.6	3.8	4.0	4.2
Service Providing	540.4	542.9	545.1	556.5	566.4	585.8	616.9	653.2	680.8	703.5	743.0	727.7	671.7	653.0	651.7	660.3	680.4	694.8
Private Service Providing	447.7	450.4	452.8	465.0	474.6	494.5	525.8	560.8	587.9	608.0	644.3	628.9	569.2	553.9	555.4	564.4	583.9	597.6
Trade, Transportation & Utilities	128.8	128.0	126.1	126.5	125.2	129.1	137.9	143.9	146.2	149.5	153.9	148.8	137.4	132.0	130.9	132.8	137.1	139.9
Wholesale Trade	37.7	36.4	36.3	35.5	34.8	36.8	39.6	42.3	42.9	42.8	42.7	41.2	36.2	34.1	34.5	35.8	38.3	39.7
Merchant Wholesalers, Durable Goods	25.8	25.0	23.3	22.8	23.1	24.7	27.2	28.6	30.1	30.1	30.7	30.4	25.9	23.8	23.5	24.2	26.6	27.5
Residual-Merchant Wholesalers, Nondurable G	11.8	11.4	13.0	12.6	11.7	12.1	12.4	13.7	12.8	12.7	12.1	10.8	10.3	10.3	10.9	11.6	11.7	12.2
Retail Trade	77.0	76.7	75.7	76.4	75.6	77.2	81.9	84.7	86.2	89.2	93.4	91.0	86.0	83.6	82.9	83.9	85.8	86.7
Electronics & Appliance Stores	8.1	8.3	8.1	8.3	8.0	8.6	9.4	10.0	10.1	10.6	11.6	9.9	9.1	9.2	8.9	8.5	8.8	8.3
Building Material & Garden Equipment Stores	4.8	4.9	4.9	5.0	4.8	4.6	4.9	5.3	5.3	5.4	5.8	5.8	6.3	6.3	6.6	6.7	6.8	6.4
Food & Beverage Stores	13.9	14.3	13.9	13.3	13.3	13.6	14.8	15.4	15.6	16.1	16.6	17.0	16.5	16.1	16.1	16.0	15.5	16.0
Health & Personal Care Stores	5.0	5.2	5.2	5.1	5.0	5.0	5.2	5.3	5.3	5.3	5.5	5.6	5.2	5.0	4.9	4.9	4.9	5.0
Clothing & Clothing Accessories Stores	8.4	8.3	8.2	8.5	8.5	8.2	8.1	8.2	8.2	8.4	8.8	9.0	8.8	9.1	9.2	10.0	10.3	10.3
General Merchandise Stores	13.7	12.5	11.7	11.9	11.0	11.0	11.9	12.2	13.0	13.3	13.4	12.7	12.2	12.0	11.7	12.7	13.2	13.4
Residual-Miscellaneous Store Retailers	23.2	23.3	23.9	24.4	25.1	26.3	27.6	28.5	28.9	30.1	31.7	31.0	28.0	26.0	25.4	25.1	26.3	27.4
Transportation, Warehousing & Utilities	14.2	14.8	14.1	14.6	14.7	15.1	16.4	16.9	17.1	17.6	17.8	16.6	15.2	14.3	13.5	13.1	13.0	13.5
Utilities	2.1	2.3	2.3	2.3	2.2	1.9	1.9	1.7	1.8	1.8	2.1	2.0	1.6	1.5	1.4	1.4	1.5	1.7
Transportation & Warehousing	12.1	12.5	11.8	12.3	12.5	13.2	14.4	15.2	15.4	15.7	15.8	14.7	13.6	12.8	12.1	11.7	11.5	11.8
Residual-Air Transportation	9.7	10.1	9.2	9.4	9.9	10.2	11.0	11.7	11.6	12.0	11.9	11.0	10.2	9.8	9.5	9.2	8.9	9.2
Couriers & Messengers	2.3	2.4	2.6	2.9	2.6	3.0	3.5	3.5	3.7	3.7	3.8	3.7	3.3	3.0	2.6	2.5	2.6	2.6
Information	21.1	21.4	21.8	23.1	23.6	24.6	26.1	28.2	29.3	32.6	42.8	42.0	34.3	31.4	32.6	35.3	37.5	39.5
Publishing Industries (except Internet)	8.6	10.0	10.7	11.1	11.2	12.1	12.7	12.5	12.2	12.9	14.1	14.1	12.2	11.7	11.4	11.6	11.9	12.7
Newspaper, Periodical, Book & Directory Publi	4.0	4.2	4.1	3.9	3.7	3.6	3.4	3.5	3.5	3.4	3.4	3.4	3.1	3.0	2.8	2.6	2.4	2.2
Software Publishers	4.6	5.8	6.6	7.2	7.5	8.5	9.2	9.0	8.8	9.5	10.7	10.7	9.1	8.7	8.6	9.0	9.5	10.5
Residual-Motion Picture & Sound Recording	5.4	4.6	4.2	4.2	4.4	4.6	5.4	6.6	7.3	9.1	14.9	14.7	11.8	10.5	11.6	13.2	14.2	15.6
Telecommunications	6.2	6.0	6.3	7.1	7.2	7.2	7.1	7.9	8.4	8.7	10.2	9.5	7.6	6.7	6.8	6.9	7.2	6.5
Internet Service Providers, Web Search Portals	0.9	0.8	0.7	0.7	0.7	0.8	1.0	1.3	1.4	2.0	3.6	3.7	2.7	2.5	2.9	3.6	4.2	4.7
Financial Activities	33.2	33.0	32.5	33.0	31.5	30.7	31.7	32.7	34.2	34.6	34.4	35.7	35.6	35.1	35.4	36.3	37.1	37.1
Finance & Insurance	20.4	20.3	20.1	20.5	19.2	18.1	18.1	18.2	18.9	19.2	19.1	20.0	20.3	20.2	20.7	21.3	22.1	21.8
Credit Intermediation & Related Activities	12.3	11.8	11.5	11.6	10.5	10.0	9.9	9.9	10.5	10.8	10.2	10.4	11.0	11.1	11.7	12.0	12.6	12.6
Residual-Securities, Commodity Contracts & In	1.1	2.1	2.3	2.4	2.5	2.5	2.4	2.5	2.6	2.8	3.4	4.3	4.1	3.8	3.8	4.0	4.3	4.2
Insurance Carriers & Related	7.1	6.5	6.3	6.5	6.1	5.7	5.8	5.9	5.9	5.7	5.5	5.3	5.2	5.2	5.3	5.3	5.2	5.1
Real Estate & Rental & Leasing	12.7	12.7	12.5	12.5	12.3	12.6	13.6	14.5	15.3	15.4	15.3	15.7	15.2	14.9	14.7	15.0	15.0	15.3
Real Estate	9.6	9.6	9.4	9.2	9.1	9.1	9.6	9.8	10.3	10.4	10.5	10.9	10.8	10.7	10.5	10.9	11.0	11.3
Residual-Rental & Leasing Services	3.2	3.1	3.0	3.2	3.3	3.5	4.0	4.7	5.0	5.0	4.8	4.8	4.4	4.2	4.2	4.1	4.0	4.0
Professional & Business Services	111.5	112.5	117.0	124.1	132.7	145.0	161.2	181.8	198.5	208.7	227.5	212.1	175.0	167.6	165.6	165.8	172.0	177.7

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Professional, Scientific & Technical Services	61.6	62.8	65.0	68.0	70.9	75.6	83.4	95.7	106.7	115.1	131.0	131.1	110.9	104.1	100.9	102.4	108.2	112.0
Legal Services	6.8	7.0	7.1	7.1	6.9	6.8	7.2	7.7	8.0	8.6	9.4	9.8	8.9	8.2	8.0	8.1	8.2	8.2
Accounting, Tax Preparation & Bookkeeping S	6.4	6.5	6.2	6.2	6.1	5.6	5.6	6.0	6.4	6.6	6.4	6.5	6.1	5.9	6.1	6.6	7.1	7.4
Architectural, Engineering & Related Services	10.8	10.1	10.1	11.1	11.2	12.5	13.7	16.6	19.3	20.1	21.2	19.9	15.7	13.0	11.8	11.8	12.0	12.7
Computer Systems Design & Related Services	12.4	15.0	17.4	18.7	20.3	23.5	29.0	35.3	39.8	45.1	57.3	58.4	47.4	44.9	43.0	44.4	47.6	49.5
Scientific Research & Development Services	14.6	14.8	15.2	15.6	17.0	17.4	17.0	18.1	19.8	20.3	21.1	21.8	20.5	20.1	20.0	19.3	19.6	19.3
residual-Other Professional, Scientific & Techn	10.7	9.4	9.2	9.5	9.5	9.8	10.8	12.0	13.4	14.5	15.7	14.7	12.3	12.0	12.0	12.2	13.7	14.9
Management of Companies & Enterprises	5.2	6.4	8.4	10.0	11.0	11.7	13.6	17.2	20.2	21.1	19.7	17.9	13.9	12.7	12.1	11.2	10.0	8.6
Administrative & Support & Waste Services	44.7	43.4	43.6	46.1	50.8	57.7	64.3	68.9	71.6	72.5	76.9	63.1	50.3	50.7	52.6	52.2	53.8	57.0
Administrative & Support Services	43.3	41.9	42.2	44.6	49.3	56.2	62.6	67.3	69.6	70.5	74.8	61.0	48.2	48.9	50.7	50.0	51.5	54.7
Employment Services	18.8	17.5	18.1	19.0	22.8	30.3	34.3	38.0	39.1	38.8	42.7	27.7	19.6	22.0	24.1	23.3	22.8	23.3
Investigation & Security Services	4.7	4.9	4.6	5.0	5.4	5.5	6.7	6.6	7.4	7.8	8.0	7.5	6.7	6.2	6.1	6.3	6.9	7.5
Services to Buildings & Dwellings	10.4	10.4	10.6	11.1	11.4	11.8	13.0	14.1	14.8	15.4	15.3	16.4	14.9	14.3	14.0	14.3	14.3	14.6
Residual-Other Support Services	9.5	9.1	9.0	9.5	9.8	8.7	8.6	8.6	8.3	8.5	8.9	9.4	7.0	6.4	6.4	6.2	7.4	9.3
Waste Management & Remediation Services	1.4	1.5	1.4	1.5	1.5	1.5	1.7	1.7	2.0	2.0	2.0	2.1	2.1	1.9	2.0	2.2	2.3	2.3
Educational & Health Services	71.9	74.8	75.0	75.9	77.9	78.2	79.1	82.1	84.9	86.1	85.9	90.4	91.7	93.5	95.0	96.8	100.4	102.2
Educational Services	21.6	21.9	21.9	21.9	23.0	22.0	22.4	23.1	23.7	23.9	23.9	25.9	25.4	27.2	28.4	29.0	30.2	30.8
Residual-Elementary & Secondary Schools	5.6	5.6	5.6	5.8	6.0	6.2	6.8	7.1	7.7	8.5	8.6	7.7	7.6	7.7	8.0	8.5	9.3	10.0
Colleges, Universities & Professional Schools	16.0	16.3	16.3	16.1	17.0	15.8	15.6	16.0	16.0	15.4	15.2	18.2	17.8	19.5	20.4	20.5	20.9	20.9
Health Care & Social Assistance	50.4	52.9	53.1	54.0	55.0	56.2	56.7	59.0	61.2	62.2	62.1	64.5	66.3	66.3	66.6	67.9	70.2	71.4
Ambulatory Health Care Services	21.6	22.4	22.5	22.9	23.2	23.4	23.4	24.2	25.6	26.1	26.1	26.9	26.4	24.4	24.4	24.7	25.5	26.0
Offices of Physicians	10.5	10.6	10.7	10.7	10.4	10.1	10.1	10.5	11.1	11.4	11.8	12.3	10.9	8.8	9.2	9.2	9.4	9.6
Residual-Other Ambulatory Health Care Se	11.2	11.8	11.8	12.2	12.9	13.3	13.3	13.7	14.5	14.7	14.3	14.6	15.5	15.6	15.2	15.4	16.1	16.4
Hospitals	13.7	14.6	14.9	15.2	15.7	16.3	16.3	17.1	17.7	17.8	17.4	18.0	19.8	22.4	23.2	23.8	24.1	23.6
Nursing & Residential Care Facilities	7.4	7.9	8.0	8.0	7.8	7.8	7.8	8.4	8.6	8.7	8.9	9.6	10.0	9.8	9.5	9.7	10.4	10.8
Social Assistance	7.7	8.1	7.8	8.0	8.3	8.7	9.2	9.4	9.3	9.6	9.6	10.1	10.0	9.7	9.6	9.7	10.3	11.1
Leisure & Hospitality	58.4	57.3	56.4	58.4	59.6	61.9	63.6	66.2	68.2	70.1	72.8	73.3	68.8	69.0	70.9	72.8	75.2	76.1
Arts, Entertainment, & Recreation	11.4	9.7	9.5	10.0	9.6	10.6	9.6	10.5	10.5	10.3	10.7	10.6	10.7	10.4	11.5	11.6	11.7	11.5
Accommodation & Food Service	47.0	47.6	47.0	48.3	50.0	51.3	54.0	55.7	57.7	59.7	62.1	62.7	58.2	58.6	59.3	61.2	63.5	64.6
Accommodation	7.2	7.2	6.7	6.9	6.8	6.9	6.8	7.1	7.7	7.8	8.5	8.6	7.3	7.7	7.8	7.9	8.2	8.4
Food Services & Drinking Places	39.8	40.4	40.2	41.4	43.2	44.4	47.2	48.6	50.0	51.9	53.7	54.1	50.9	50.9	51.6	53.3	55.3	56.2
Residual-Full-Service Restaurants	21.9	21.8	21.4	22.4	24.3	25.2	27.2	28.4	29.0	30.8	31.9	32.1	29.9	30.0	30.1	30.7	31.8	32.2
Limited-Service Eating Places	17.9	18.6	18.9	19.0	18.9	19.2	20.0	20.2	21.0	21.1	21.8	22.0	21.0	20.9	21.4	22.6	23.6	24.0
Other Services	22.8	23.3	23.9	24.1	24.2	24.9	26.1	25.8	26.7	26.4	27.0	26.7	26.4	25.3	25.0	24.6	24.8	25.1
Repair & Maintenance	6.2	6.6	6.6	6.8	7.0	7.7	8.4	8.6	8.8	8.6	8.7	8.8	8.6	7.7	7.5	7.6	7.7	7.6
Personal & Laundry Services	16.6	16.8	17.3	17.4	17.2	17.2	17.7	17.2	17.9	17.8	18.4	17.9	17.9	17.6	17.5	17.1	17.1	17.4
Government	92.7	92.5	92.3	91.5	91.8	91.4	91.1	92.4	92.9	95.5	98.7	98.8	102.5	99.2	96.3	95.9	96.4	97.2
Federal Government	14.9	14.3	14.1	14.0	14.7	14.6	13.9	13.5	12.8	12.9	13.2	11.9	11.9	11.7	11.4	11.3	11.1	11.0
Other Federal Government	13.5	13.0	13.0	12.8	13.1	13.0	12.5	12.1	11.5	11.8	12.1	10.9	11.0	10.8	10.6	10.4	10.2	10.2
Department of Defense	1.4	1.3	1.2	1.2	1.6	1.6	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9
State & Local Government	77.8	78.3	78.2	77.5	77.1	76.8	77.2	78.9	80.1	82.6	85.5	86.9	90.6	87.4	84.8	84.6	85.4	86.2
State Government	8.7	8.7	8.2	8.1	8.1	7.9	7.6	7.6	7.6	7.8	7.9	8.0	8.3	8.1	7.5	7.4	7.5	7.6
State Government Education	4.4	4.4	3.9	3.8	3.9	3.8	3.8	3.9	4.0	4.1	4.1	4.1	4.4	4.3	4.0	4.1	4.2	4.4
Other State Government	4.3	4.4	4.2	4.3	4.3	4.1	3.8	3.7	3.6	3.7	3.8	3.9	4.0	3.8	3.5	3.4	3.3	3.2
Local Government	69.1	69.6	70.0	69.5	69.0	68.9	69.6	71.3	72.5	74.8	77.7	79.0	82.3	79.3	77.3	77.2	77.9	78.5
Local Government Education	37.2	37.1	37.4	37.8	38.0	38.6	38.8	39.9	40.4	41.5	43.1	43.3	44.7	42.7	41.7	41.9	42.3	42.8
County	15.2	15.2	15.1	14.6	14.6	14.4	14.6	14.8	15.1	15.7	16.2	16.8	17.9	17.5	16.9	16.9	17.4	17.8
City	12.2	12.6	12.7	12.4	12.5	12.7	13.0	13.3	13.5	13.9	14.2	14.7	15.2	15.0	14.6	14.2	14.1	13.8
Other Local Government	4.5	4.7	4.8	4.7	3.9	3.1	3.3	3.4	3.5	3.7	4.1	4.2	4.5	4.2	4.1	4.2	4.1	4.1
Santa Barbara Santa Maria Goleta MSA																		
Total Nonfarm	148.3	149.7	144.7	143.4	143.6	144.5	145.5	151.4	155.0	159.4	164.7	166.1	165.4	166.0	168.9	171.9	172.5	173.6
Total Private	119.0	120.5	115.5	114.2	114.3	114.8	115.9	120.5	123.2	126.9	131.9	131.6	129.7	130.4	133.1	135.6	136.4	136.6
Goods Producing	29.1	28.4	25.1	23.4	22.3	21.3	22.3	24.2	24.0	24.5	25.1	24.6	22.2	22.8	23.7	24.6	25.2	24.9
Natural Resources & Mining	1.6	1.7	1.5	1.6	1.4	1.6	1.4	1.5	1.4	1.2	1.2	1.2	0.9	0.8	0.8	0.9	1.1	1.2
Construction	7.5	7.1	6.3	5.4	5.2	5.5	6.1	7.1	6.9	8.0	8.1	8.4	8.0	8.6	9.7	10.1	10.5	10.5
Manufacturing	20.0	19.5	17.2	16.5	15.6	14.2	14.8	15.7	15.7	15.3	15.9	15.1	13.4	13.3	13.2	13.6	13.6	13.2
Durable Goods	16.3	15.8	14.2	13.5	12.8	11.4	11.8	12.7	12.7	12.1	12.6	11.8	10.2	10.1	10.0	10.2	10.2	10.0
Nondurable Goods	3.8	3.7	3.0	3.0	2.9	2.8	3.0	3.0	3.0	3.1	3.3	3.2	3.2	3.3	3.3	3.3	3.3	3.3
Service Providing	119.2	121.4	119.7	120.0	121.3	123.2	123.2	127.2	131.0	134.9	139.6	141.5	143.2	143.2	145.2	147.4	147.3	148.7
Private Service Producing	89.9	92.2	90.4	90.7	92.0	93.5	93.5	96.3	99.2	102.5	106.7	107.0	107.4	107.7	109.4	111.0	111.2	111.7
Trade, Transportation & Utilities	25.2	25.5	26.0	25.5	25.9	25.9	25.5	26.9	27.2	28.5	29.0	28.5	27.9	27.3	27.7	27.9	28.2	28.2
Wholesale Trade	4.3	4.5	5.4	4.7	4.5	4.1	4.1	4.4	4.7	4.9	5.2	5.4	4.8	4.3	4.5	4.7	4.9	4.8
Retail Trade	17.4	17.7	17.2	17.4	17.8	18.0	17.6	18.7	19.2	20.7	21.0	20.2	20.3	20.1	20.2	20.3	20.3	20.3
Food & Beverage Stores	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.8	3.6	3.8	3.8	4.0	4.1	4.1	4.1	4.3
Clothing & Clothing Accessories Stores	2.4	2.4	2.3	2.4	2.3	2.3	2.0	2.0	2.1	2.2	2.2	2.1	1.9	2.1	2.2	2.3	2.3	2.3
Residual-Miscellaneous Store Retailers	11.7	12.0	11.6	11.5	12.0	12.1	12.1	13.1	13.5	14.8	15.2	14.3	14.6	14.0	13.9	13.9	13.9	13.7
Transportation, Warehousing & Utilities	3.4	3.4	3.4	3.4	3.6	3.8	3.8	3.8	3.3	2.9	2.9	3.0	2.8	2.9	2.9	3.0	3.1	3.1
Information	4.4	4.6	4.2	4.0	4.1	4.1	4.1	4.2	4.4	4.1	4.3	4.5	4.1	4.1	4.0	4.1	4.0	3.9
Financial Activities	8.2	8.0	7.7	7.5	7.6	7.4	7.0	7.5	8.0	8.1	8.4	8.8	8.6	8.4	8.5	8.6	8.7	8.2
Finance & Insurance	5.2	5.0	4.8	4.7	4.8	4.4	4.1	4.4	5.0	4.9	4.9	5.2	5.1	5.2	5.3	5.5	5.6	5.2
Real Estate & Rental & Leasing	3.1	3.0	2.9	2.8	2.8	2.9	3.0	3.1	3.0	3.1	3.5	3.7	3.5	3.2	3.2	3.1	3.1	3.0
Professional & Business Services	15.8	15.4	15.3	15.6	15.9	17.3	18.5	17.2	17.5	18.1	20.2	19.6	20.6	21.1	22.1	22.8	22.3	22.5
Professional, Scientific & Technical Services	7.8	7.8	7.5	6.8	6.7	6.2	6.2	6.7	7.3	7.9	8.4	8.8	9.5	9.9	9.9	10.7	10.6	11.2
Management of Companies & Enterprises	0.4	0.9	1.0	1.0	1.1	1.4	1.8	2.0	1.8	1.9	1.9	1.7	1.5	1.4	1.5	1.6	1.7	1.8
Administrative & Support & Waste Services	7.7	6.7	6.8	7.8	8.1	9.7	10.5	8.5	8.4	8.4	10.0	9.1	9.7	9.7	10.7	10.5	10.0	9.5
Educational & Health Services	14.6	15.9	15.7	15.8	15.8	16.3	15.9	16.4	17.2	18.0	18.4	18.6	19.3	19.3	19.6	19.4	19.5	20.3
Educational Services	2.2	2.5	2.5	2.5	2.7	2.8	2.5	2.3	3.1	3.3	3.3	2.8	2.6	2.6	2.7	2.7	2.8	2.8
Health Care & Social Assistance	12.4	13.4	13.2	13.3	13.2	13.5	13.3	14.0	14.1	14.8	15.2	15.8	16.6	16.7	16.9	16.7	16.7	17.5
Health Care	10.4	11.3	11.0	11.0	11.0	11.0	11.1	11.8	11.6	12.0	12.2	12.4	13.2	13.4	13.6	13.2	13.6	14.4
Social Assistance	2.0	2.1	2.3	2.3	2.2	2.5	2.2	2.3	2.4	2.7	3.0	3.3	3.5	3.3	3.3	3.4	3.2	3.1

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Leisure & Hospitality	16.4	17.4	16.5	17.5	17.9	17.8	17.7	19.1	19.6	20.2	20.8	21.0	21.0	21.7	21.9	22.4	22.7	22.7
Arts, Entertainment, & Recreation	2.1	2.2	2.0	2.3	2.4	2.3	2.1	2.2	2.7	2.5	2.5	2.5	2.6	2.5	2.7	2.8	2.9	2.9
Accommodation & Food Service	14.3	15.3	14.5	15.2	15.5	15.6	15.6	16.9	16.9	17.7	18.3	18.5	18.4	19.2	19.3	19.7	19.8	19.8
Accommodation	4.2	4.4	3.9	4.0	4.0	3.6	3.8	4.2	4.0	4.4	4.6	4.8	4.5	4.7	4.7	4.6	4.6	4.7
Food Services & Drinking Places	10.2	10.9	10.6	11.3	11.6	12.0	11.8	12.7	12.9	13.3	13.7	13.7	13.9	14.4	14.6	15.1	15.2	15.1
Other Services	5.3	5.3	5.1	4.9	4.8	4.8	4.9	5.1	5.4	5.5	5.6	6.0	6.0	5.8	5.6	5.7	5.8	5.9
Government	29.3	29.2	29.2	29.2	29.3	29.7	29.7	30.9	31.8	32.4	32.8	34.5	35.8	35.6	35.9	36.4	36.1	37.0
Federal Government	4.4	4.2	4.1	4.1	4.0	3.7	3.4	3.7	4.0	3.9	3.9	3.8	3.9	3.9	3.8	3.8	3.8	3.7
State & Local Government	24.9	25.1	25.1	25.1	25.3	26.0	26.3	27.2	27.9	28.6	29.0	30.6	31.8	31.7	32.1	32.6	32.3	33.3
State Government	8.9	8.9	8.9	8.8	9.0	9.5	9.4	9.5	9.6	9.8	9.8	10.1	10.4	10.6	10.4	10.4	10.3	10.6
State Government Education	8.2	8.2	8.2	8.1	8.3	8.7	8.7	8.8	8.9	9.1	9.1	9.4	9.7	9.9	9.8	9.9	9.7	9.9
Other State Government	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.7
Local Government	16.1	16.2	16.2	16.4	16.3	16.5	16.8	17.7	18.3	18.8	19.2	20.5	21.4	21.1	21.7	22.2	22.0	22.7
Local Government Education	8.5	8.4	8.4	8.6	8.7	8.8	9.2	9.8	10.1	10.4	10.6	11.1	11.8	11.5	11.8	11.9	11.9	12.2
County	3.9	4.0	4.0	4.1	4.0	4.0	4.1	4.2	4.4	4.5	4.7	4.8	4.8	4.8	4.7	4.8	4.7	4.6
City	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.9
Other Local Government	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	2.0	2.1	2.2	2.6	2.7	2.7	3.0
Santa Cruz-Watsonville MSA																		
Total Nonfarm	84.1	85.0	83.3	83.4	84.4	86.0	87.5	90.4	92.0	94.1	97.2	98.5	94.6	91.8	93.0	93.4	95.1	96.7
Total Private	67.7	68.4	66.8	67.3	68.1	69.2	70.6	72.8	74.1	75.2	77.7	78.2	74.0	71.5	72.1	72.2	73.3	73.7
Goods Producing	16.1	15.5	14.3	13.8	13.0	13.2	13.9	14.2	13.7	13.7	13.9	13.8	12.3	11.7	12.5	12.6	12.4	11.6
Natural Resources, Mining & Construction	5.1	4.2	3.5	2.9	2.8	3.1	3.2	3.4	3.8	4.2	4.5	4.9	4.8	4.8	5.5	5.8	5.9	5.4
Manufacturing	11.0	11.3	10.9	10.9	10.2	10.1	10.7	10.8	9.9	9.5	9.3	8.9	7.5	6.9	7.0	6.9	6.5	6.3
Durable Goods	4.7	5.3	5.3	5.2	5.3	5.6	6.0	6.0	5.8	5.3	5.3	5.2	4.2	3.8	3.8	3.7	3.4	3.7
Computer & Electronic Product Manufacturing	2.3	3.3	3.1	3.1	3.3	3.7	3.9	3.8	3.6	3.2	3.1	3.0	2.2	1.9	1.7	1.6	1.3	1.3
Residual-Miscellaneous Manufacturing	2.4	2.1	2.1	2.1	1.9	1.9	2.2	2.1	2.2	2.2	2.2	2.3	2.0	1.9	2.2	2.1	2.1	2.3
Nondurable Goods	6.3	6.0	5.6	5.7	4.9	4.5	4.7	4.8	4.2	4.1	4.0	3.7	3.3	3.2	3.2	3.2	3.1	2.6
Food Man & Beverage & Tobacco	5.1	4.8	4.5	4.4	3.6	3.1	3.2	3.3	2.6	2.6	2.7	2.3	2.1	2.2	2.2	2.2	2.0	1.5
Residual-Textile Mills	1.2	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.3	1.3	1.2	1.0	1.0	1.1	1.1	1.1
Service Providing	68.1	69.6	69.0	69.6	71.4	72.8	73.5	76.1	78.3	80.4	83.4	84.7	82.4	80.1	80.5	80.8	82.7	85.1
Private Service Producing	51.6	52.9	52.5	53.5	55.2	56.1	56.6	58.6	60.3	61.5	63.9	64.5	61.7	59.8	59.5	59.5	60.9	62.0
Trade, Transportation & Utilities	14.6	15.3	15.3	15.6	16.3	16.8	16.7	17.6	18.4	18.7	19.0	19.1	18.4	17.9	18.2	18.3	18.7	19.3
Wholesale Trade	3.0	3.2	3.3	3.1	3.2	3.4	3.6	3.8	3.7	3.6	3.6	3.5	3.3	3.3	3.6	3.7	4.0	4.4
Retail Trade	9.9	10.8	10.7	11.1	11.8	12.1	11.6	12.3	13.1	13.6	14.0	14.0	13.5	13.2	13.1	13.1	13.3	13.2
Food & Beverage Stores	3.0	3.1	3.2	3.5	3.6	3.7	3.4	3.2	3.3	3.4	3.5	3.6	3.5	3.4	3.4	3.4	3.6	3.7
General Merchandise Stores	1.3	1.4	1.4	1.3	1.5	1.5	1.4	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
Residual-Miscellaneous Store Retailers	5.6	6.3	6.2	6.3	6.7	6.9	6.8	7.7	8.3	8.6	9.0	8.9	8.6	8.2	8.2	8.2	8.1	7.9
Transportation, Warehousing & Utilities	1.7	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.7	1.6	1.5	1.5	1.5	1.5	1.6
Information	4.1	2.9	2.8	2.9	2.9	2.6	2.4	2.2	2.4	2.4	2.6	2.6	2.2	2.0	1.8	1.6	1.4	1.3
Financial Activities	3.7	3.3	3.4	3.5	3.4	3.2	3.1	3.4	3.5	3.8	4.1	3.9	3.8	3.8	3.7	3.7	3.8	3.6
Finance & Insurance	2.5	2.0	2.0	2.1	1.9	1.7	1.7	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.2	2.2	2.2	2.2
Real Estate & Rental & Leasing	1.3	1.3	1.4	1.3	1.4	1.5	1.5	1.5	1.6	1.8	2.0	1.7	1.6	1.5	1.5	1.5	1.5	1.4
Professional & Business Services	8.1	9.3	8.8	8.8	9.3	9.9	10.2	10.7	10.5	10.9	11.7	11.4	9.9	9.0	9.0	9.3	10.0	10.2
Educational & Health Services	8.3	9.1	9.4	9.6	9.8	10.1	10.1	10.3	10.5	10.4	10.6	11.0	11.7	11.9	12.0	11.9	12.1	12.4
Leisure & Hospitality	9.4	9.6	9.4	9.9	10.1	10.1	10.4	10.4	10.8	11.1	11.5	12.1	11.6	11.4	11.2	11.0	11.1	11.5
Arts, Entertainment, & Recreation	1.7	1.9	1.8	1.9	1.9	1.8	1.8	1.7	1.8	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.8	1.9
Accommodation & Food Service	7.7	7.7	7.6	8.0	8.2	8.4	8.6	8.7	9.0	9.2	9.7	10.2	9.8	9.5	9.3	9.1	9.3	9.6
Accommodation	1.2	1.1	1.0	1.0	1.2	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.4	1.4	1.5	1.2	1.3	1.4
Food Services & Drinking Places	6.5	6.6	6.7	7.0	7.0	7.2	7.3	7.4	7.6	7.8	8.1	8.5	8.3	8.1	7.8	7.9	8.0	8.3
Other Services	3.4	3.4	3.3	3.3	3.4	3.5	3.9	4.0	4.2	4.3	4.4	4.5	4.1	3.9	3.8	3.7	3.8	3.9
Government	16.4	16.6	16.6	16.1	16.3	16.7	16.9	17.6	18.0	18.8	19.5	20.2	20.7	20.3	21.0	21.3	21.8	23.1
Federal Government	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.6	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
State & Local Government	15.8	16.0	16.0	15.6	15.7	16.1	16.4	17.1	17.4	18.3	18.8	19.6	20.1	19.7	20.5	20.8	21.3	22.6
State Government	-	-	5.3	5.3	5.4	5.7	5.8	6.1	6.1	6.4	6.5	6.9	7.1	7.3	7.5	7.5	7.8	8.3
State Government Education	-	-	4.8	4.7	4.8	5.1	5.2	5.5	5.5	5.7	5.9	6.2	6.4	6.6	6.8	6.9	7.2	7.6
Other State Government	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7
Local Government	-	-	10.7	10.3	10.3	10.5	10.5	11.0	11.3	11.9	12.3	12.7	12.9	12.4	13.0	13.3	13.5	14.2
Santa Rosa-Petaluma MSA																		
Total Nonfarm	139.3	143.0	142.0	144.1	147.0	150.3	157.5	165.4	173.0	179.3	186.1	189.8	186.6	183.2	184.9	186.4	189.1	190.4
Total Private	115.2	118.4	116.9	119.6	122.1	125.2	132.6	140.2	147.4	152.6	158.5	161.8	158.2	154.8	155.3	156.1	158.4	159.3
Goods Producing	31.2	29.7	28.2	27.9	28.5	29.7	32.1	35.8	38.9	41.5	43.7	44.3	40.9	38.6	38.1	37.9	37.8	36.9
Natural Resources & Mining	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Construction	10.4	9.0	7.9	7.4	7.4	7.6	8.4	9.4	10.1	11.9	13.1	13.7	13.3	13.0	13.7	14.2	14.7	14.4
Residual-Building, Develop & Gen Cont & Hvy C	4.8	4.1	3.4	3.2	3.2	3.2	3.4	3.8	3.9	4.7	5.0	5.1	5.1	5.0	5.3	5.4	5.6	5.3
Specialty Trade Contractors	5.6	5.0	4.4	4.2	4.1	4.3	4.9	5.6	6.2	7.2	8.1	8.6	8.3	8.0	8.4	8.8	9.1	9.1
Manufacturing	20.2	20.1	19.8	19.9	20.6	21.6	23.2	25.9	28.3	29.2	30.2	30.4	27.3	25.3	24.2	23.5	22.9	22.3
Durable Goods	13.6	13.1	12.4	12.1	12.7	13.3	14.7	16.5	18.4	18.6	19.2	19.4	16.0	13.8	12.7	12.0	11.1	10.6
Computer & Electronic Product Manufacturing	4.9	5.3	5.2	4.9	5.1	5.5	6.1	6.8	7.3	7.1	7.6	8.7	7.0	5.1	4.2	3.7	3.3	3.1
Residual-Computer & Peripheral Equipment M	0.9	1.2	1.3	1.2	1.3	1.4	1.6	1.9	2.1	2.1	2.4	2.4	2.1	1.7	1.4	1.3	1.3	1.3
Electronic Instrument Manufacturing	4.0	4.1	3.9	3.8	3.9	4.1	4.4	4.9	5.2	5.0	5.3	6.2	4.9	3.4	2.7	2.5	1.9	1.9
Residual-Miscellaneous Manufacturing	8.7	7.7	7.2	7.1	7.6	7.9	8.6	9.7	11.1	11.6	11.6	10.7	9.0	8.7	8.5	8.3	7.8	7.4
Nondurable Goods	6.6	7.1	7.4	7.8	7.8	8.3	8.5	9.4	9.9	10.5	11.0	11.0	11.2	11.5	11.5	11.5	11.8	11.7
Service Providing	108.1	113.2	113.8	116.2	118.5	120.6	125.4	129.6	134.2	137.8	142.4	145.4	145.7	144.7	146.8	148.5	151.4	153.5
Private Service Producing	84.0	88.7	88.6	91.7	93.6	95.5	100.4	104.4	108.5	111.2	114.8	117.4	117.3	116.2	117.1	118.1	120.7	122.5
Trade, Transportation & Utilities	28.7	29.1	28.7	28.7	29.3	29.7	31.2	32.3	33.1	33.2	33.6	34.1	34.1	33.9	34.2	34.8	35.5	36.3
Wholesale Trade	4.9	5.1	4.9	4.9	4.9	5.0	5.2	5.3	5.5	5.5	5.8	6.0	6.0	6.3	6.7	7.3	7.5	7.7
Retail Trade	20.2	20.2	20.0	19.9	20.4	20.6	21.8	22.8	23.3	23.5	23.7	24.1	24.0	23.8	23.6	23.8	23.8	24.1

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Food & Beverage Stores	4.7	4.8	4.8	4.9	4.8	5.0	5.4	5.6	5.8	5.8	5.8	6.1	6.1	6.0	5.9	5.9	5.8	6.2
Grocery Stores	3.8	4.0	4.0	4.0	4.1	4.2	4.5	4.7	4.9	4.9	4.9	5.3	5.3	5.3	5.2	5.2	5.2	5.5
Residual-Specialty Food Stores	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.7
General Merchandise Stores	2.9	3.0	3.0	3.1	2.9	2.9	2.8	3.0	3.1	3.3	3.3	3.3	3.2	3.3	3.3	3.5	3.7	3.6
Residual-Miscellaneous Store Retailers	12.6	12.4	12.1	11.9	12.6	12.7	13.6	14.1	14.5	14.5	14.6	14.8	14.7	14.5	14.4	14.3	14.3	14.2
Transportation, Warehousing & Utilities	3.5	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.2	4.1	4.1	4.0	4.1	3.8	3.9	3.7	4.2	4.5
Information	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.4	3.6	4.1	4.5	4.2	4.0	4.3	3.7	3.2	3.0
Financial Activities	8.6	8.9	9.2	9.8	10.4	9.8	9.2	9.0	9.4	10.0	10.2	10.4	10.3	10.3	10.0	9.8	9.7	9.3
Finance & Insurance	6.4	6.6	7.0	7.5	7.8	7.2	6.6	6.5	6.8	7.2	7.2	7.3	7.3	7.3	7.0	6.8	6.8	6.5
Real Estate & Rental & Leasing	2.3	2.3	2.3	2.3	2.5	2.6	2.6	2.5	2.6	2.8	3.0	3.1	3.0	3.1	3.0	3.0	3.0	2.9
Professional & Business Services	11.7	12.8	12.4	13.0	13.3	14.2	15.5	17.6	18.8	19.5	20.6	20.0	19.0	19.0	19.6	20.4	22.1	23.0
Professional, Scientific & Technical Services	5.0	5.4	5.2	5.4	5.5	5.6	5.9	6.2	6.6	7.0	7.5	7.5	8.0	8.6	9.2	9.9	11.0	12.2
Management of Companies & Enterprises	1.1	1.3	1.3	1.7	1.8	1.7	2.1	2.5	2.8	2.9	3.0	3.2	2.5	2.0	1.8	1.6	1.6	1.8
Administrative & Support & Waste Services	5.6	6.2	5.9	5.9	6.0	6.9	7.6	8.9	9.4	9.6	10.1	9.3	8.5	8.5	8.7	9.0	9.5	9.0
Administrative & Support Services	5.1	5.7	5.5	5.5	5.6	6.4	7.1	8.4	8.9	9.0	9.6	8.8	7.9	7.9	8.1	8.4	9.0	8.4
Employment Services	1.9	1.5	1.4	1.5	2.0	2.6	2.8	3.6	3.6	3.7	4.2	3.4	2.6	2.8	2.9	3.2	3.4	3.0
Residual-Other Support Services	3.3	4.2	4.1	4.0	3.6	3.8	4.3	4.8	5.3	5.4	5.4	5.4	5.3	5.1	5.2	5.2	5.5	5.4
Waste Management & Remediation Services	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Educational & Health Services	13.7	15.7	16.3	17.3	17.6	18.3	19.4	19.9	20.7	21.1	22.0	22.9	23.3	22.7	22.5	22.8	23.1	23.6
Educational Services	1.2	1.5	1.6	1.8	1.9	2.0	2.3	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Health Care & Social Assistance	12.5	14.2	14.7	15.5	15.7	16.3	17.2	17.5	18.2	18.7	19.6	20.0	20.4	19.8	19.7	19.9	20.2	20.7
Health Care	10.6	12.1	12.5	13.0	13.2	13.6	14.2	14.7	15.3	16.0	16.8	17.1	17.2	16.7	16.7	17.0	17.3	17.7
Social Assistance	1.9	2.1	2.2	2.5	2.5	2.7	3.0	2.9	3.0	2.8	2.9	3.0	3.2	3.1	2.9	2.9	2.9	3.0
Leisure & Hospitality	13.7	14.3	14.1	14.8	15.2	15.4	16.4	16.6	17.1	17.5	17.9	18.7	19.7	19.9	20.2	20.5	20.7	20.8
Arts, Entertainment, & Recreation	1.8	2.0	1.9	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.9	3.0	3.0	3.2	3.1	3.1	3.0
Accommodation & Food Service	11.9	12.3	12.2	12.7	13.0	13.2	14.0	14.3	14.5	14.9	15.2	15.8	16.7	16.9	17.0	17.3	17.6	17.8
Accommodation	2.5	2.4	2.2	2.2	2.2	2.1	2.1	2.2	2.5	2.7	2.7	2.9	3.4	3.5	3.4	3.6	3.6	3.7
Food Services & Drinking Places	9.4	9.9	10.0	10.5	10.8	11.1	11.9	12.0	12.0	12.1	12.5	12.9	13.3	13.4	13.6	13.7	13.9	14.1
Other Services	4.9	5.1	5.1	5.2	5.0	5.3	5.6	5.9	6.2	6.3	6.4	6.8	6.7	6.4	6.4	6.2	6.3	6.4
Government	24.1	24.6	25.1	24.6	24.9	25.1	25.0	25.2	25.6	26.6	27.6	28.0	28.4	28.5	29.7	30.4	30.7	31.0
Federal Government	2.0	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.8	1.9	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.9
State & Local Government	22.2	22.7	23.2	22.7	23.0	23.2	23.1	23.4	23.8	24.7	25.5	26.1	26.5	26.7	28.0	28.7	29.1	29.1
State Government	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.6	4.7	5.1	5.5	5.6	5.7	5.7	5.6	5.4	5.3	5.2
State Government Education	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.0	1.9	2.0	2.0
Other State Government	3.3	3.2	3.2	3.2	3.3	3.4	3.2	3.1	3.1	3.4	3.6	3.8	3.7	3.7	3.6	3.5	3.3	3.3
Local Government	17.5	18.1	18.7	18.4	18.6	18.6	18.6	18.8	19.1	19.6	20.0	20.5	20.8	21.0	22.4	23.3	23.8	23.9
Local Government Education	9.3	9.3	9.7	10.0	10.2	10.3	10.7	11.4	11.6	12.0	12.2	12.5	12.6	12.4	13.8	14.3	14.7	14.7
County	4.8	5.1	5.2	4.6	4.6	4.7	4.3	4.1	4.3	4.4	4.5	4.7	4.9	4.8	4.7	4.7	4.8	4.8
City	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.7	2.6	2.6	2.6	2.7	2.9
Other Local Government	1.4	1.6	1.6	1.6	1.7	1.5	1.4	1.0	0.8	0.8	0.8	0.8	0.7	1.1	1.3	1.6	1.6	1.6
San Joaquin County																		
Total Nonfarm	152.7	155.2	154.8	156.2	157.3	160.3	163.5	167.4	171.5	178.7	185.8	191.1	194.0	197.3	200.7	205.8	209.1	211.8
Total Private	118.9	120.8	120.0	122.2	123.7	126.7	129.9	133.1	136.7	143.0	148.9	152.2	153.9	157.8	161.3	166.3	169.4	171.4
Goods Producing	33.9	31.6	30.1	29.1	29.0	29.3	30.2	31.0	31.9	34.4	36.5	35.9	34.5	35.0	36.2	37.8	37.7	36.5
Natural Resources & Mining	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	9.5	7.6	6.6	6.1	6.3	6.5	6.8	7.8	8.8	10.5	11.6	13.2	13.5	14.4	15.3	16.7	15.9	13.7
Building, Develop & Gen Cont & Hvy Const	4.3	3.3	2.8	2.6	2.7	2.7	2.8	3.3	3.4	4.0	4.3	4.7	4.8	4.7	4.7	5.0	4.7	4.1
Specialty Trade Contractors	5.3	4.3	3.8	3.5	3.6	3.8	4.0	4.5	5.4	6.5	7.4	8.5	8.7	9.7	10.5	11.8	11.1	9.6
Manufacturing	24.3	23.8	23.4	23.0	22.6	22.8	23.3	23.1	22.9	23.8	24.7	22.5	20.8	20.4	20.7	20.9	21.7	22.6
Durable Goods	11.3	10.9	10.7	10.6	10.7	11.5	11.8	11.8	11.9	12.3	13.1	12.5	11.1	10.9	10.9	11.1	11.0	10.7
Nondurable Goods	13.0	12.9	12.7	12.4	11.9	11.3	11.5	11.3	11.0	11.5	11.6	10.1	9.7	9.6	9.9	9.8	10.7	11.9
Food Manufacturing	8.0	7.5	7.6	7.6	7.0	6.7	7.0	6.7	6.3	6.9	6.9	5.4	5.1	5.1	5.3	5.4	6.0	7.0
Residual-Beverage & Tobacco Product Mfg	5.0	5.5	5.0	4.9	4.9	4.6	4.5	4.6	4.7	4.6	4.7	4.7	4.6	4.4	4.6	4.4	4.7	4.9
Service Providing	118.8	123.6	124.7	127.1	128.3	131.0	133.3	136.4	139.6	144.3	149.4	155.1	159.5	162.2	164.5	168.0	171.3	175.3
Private Service Producing	85.0	89.2	89.9	93.1	94.7	97.3	99.7	102.1	104.9	108.6	112.4	116.3	119.4	122.8	125.1	128.5	131.7	134.9
Trade, Transportation & Utilities	30.8	32.4	33.3	34.9	36.1	36.6	37.2	38.1	38.7	40.4	41.7	43.6	44.8	46.5	47.3	49.0	50.5	51.3
Wholesale Trade	6.8	6.0	6.1	6.0	5.9	6.2	6.1	6.1	6.3	6.3	6.4	6.7	7.2	7.8	8.2	9.1	9.8	10.4
Retail Trade	17.9	19.7	19.7	20.4	20.6	20.6	21.0	21.5	21.8	22.5	23.6	24.6	24.8	25.3	25.9	26.9	27.2	27.0
Clothing & Clothing Accessories Stores	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.7	1.8	1.9	1.9	1.8	1.9
General Merchandise Stores	3.1	3.4	3.7	4.3	4.5	4.3	4.3	4.3	4.4	4.5	4.7	4.9	4.8	4.8	5.4	6.1	6.3	6.1
Department Stores	2.3	2.8	3.3	3.8	4.1	4.0	4.0	4.0	4.1	4.1	4.3	4.5	4.3	4.0	4.3	5.0	5.2	5.0
Residual-Other General Merchandise Stores	0.8	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.9	1.1	1.1	1.1	1.1
Residual-Miscellaneous Store Retailers	13.4	15.0	14.7	14.8	14.9	15.0	15.5	16.0	16.2	16.8	17.4	18.0	18.4	18.6	18.6	18.9	19.0	19.0
Transportation, Warehousing & Utilities	6.1	6.7	7.5	8.6	9.6	9.8	10.2	10.5	10.5	11.6	11.7	12.3	12.7	13.4	13.3	13.0	13.5	13.9
Utilities	1.0	1.2	1.1	1.1	1.0	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.3
Transportation & Warehousing	5.1	5.6	6.3	7.5	8.6	9.1	9.3	9.7	9.7	10.6	10.7	11.3	11.6	12.2	12.1	11.8	12.3	12.6
Residual-Air Transportation	1.2	1.4	1.4	1.6	1.7	1.6	1.7	1.5	1.5	1.6	1.7	2.3	2.5	2.8	2.6	2.5	2.7	2.7
Truck Transportation	3.6	3.3	3.3	3.5	4.0	4.4	4.6	4.8	5.0	5.6	5.5	5.4	5.3	5.2	5.0	4.9	5.0	5.2
Warehousing & Storage	0.4	0.9	1.7	2.5	3.0	3.1	3.0	3.3	3.2	3.3	3.5	3.6	3.9	4.2	4.5	4.5	4.5	4.6
Information	2.7	2.7	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.0	3.3	3.1	2.9	2.8	2.6	2.5	2.5
Financial Activities	9.3	9.1	8.7	8.8	8.5	8.1	8.1	8.3	8.2	8.4	8.5	8.9	9.4	9.9	9.6	9.8	9.9	9.9
Finance & Insurance	6.6	6.5	6.3	6.4	6.1	5.8	5.8	6.0	5.7	5.7	5.6	5.9	6.3	6.8	6.4	6.6	6.7	6.8
Residual-Other Finance	2.4	2.5	2.4	2.6	2.6	2.6	2.7	2.8	2.6	2.8	2.7	2.7	2.7	3.0	2.8	2.8	2.9	3.1
Credit Intermediation & Related Activities	4.3	4.0	3.9	3.8	3.5	3.3	3.1	3.2	3.1	2.9	2.9	3.2	3.6	3.8	3.7	3.7	3.9	3.7
Real Estate & Rental & Leasing	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.5	2.7	2.9	2.9	3.1	3.1	3.2	3.2	3.2	3.1
Professional & Business Services	9.2	10.2	10.3	11.0	11.4	11.8	12.7	13.9	15.0	16.1	16.8	16.9	16.8	17.0	17.9	18.1	18.5	18.2
Residual-Professional, Scientific & Technical Se	3.4	4.7	4.8	5.3	5.2	5.0	5.2	5.5	5.7	6.0	6.1	6.5	6.7	6.6	6.6	6.9	6.7	6.4
Administrative & Support & Waste Services	5.8	5.5	5.5	5.7	6.1	6.9	7.5	8.4	9.3	10.1	10.8	10.4	10.2	10.4	11.3	11.3	11.9	11.8
Educational & Health Services	16.5	17.6	18.0	18.4	18.5	19.6	20.1	20.3	21.2	21.5	22.0	22.3	23.2	23.9	24.4	25.6	26.1	27.5
Educational Services	2.4	2.6	2.7	2.7	2.7	3.1	3.3	3.5	3.5	3.4	3.5	3.4	3.5	3.7	3.8	4.0	4.0	4.2

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Health Care & Social Assistance	14.1	15.0	15.3	15.7	15.9	16.5	16.8	16.9	17.8	18.1	18.5	19.0	19.7	20.1	20.6	21.6	22.2	23.3
Health Care	12.0	13.0	13.3	13.6	13.7	14.4	14.7	14.7	15.4	15.4	15.5	15.8	16.4	17.1	17.4	18.1	18.4	19.3
Social Assistance	2.1	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.4	2.6	3.0	3.2	3.2	3.0	3.2	3.5	3.7	4.1
Leisure & Hospitality	11.7	12.3	12.1	12.3	12.6	13.3	13.6	13.3	13.7	13.8	14.4	15.3	15.9	16.4	16.8	17.1	17.3	17.9
Arts, Entertainment, & Recreation	1.7	1.9	1.6	1.5	1.6	1.9	1.9	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.1	2.2	2.2
Accommodation & Food Service	10.0	10.4	10.6	10.8	11.0	11.4	11.8	11.5	11.8	11.8	12.3	13.1	13.7	14.0	14.4	15.0	15.1	15.8
Accommodation	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	1.0	1.1	1.0	1.0	1.0	1.0	0.9	1.0
Food Services & Drinking Places	9.2	9.5	9.8	9.9	10.2	10.7	11.0	10.7	10.9	11.0	11.4	12.0	12.7	13.1	13.4	14.0	14.3	14.8
Residual-Full-Service Restaurants	4.9	4.5	4.5	4.2	4.5	4.7	4.8	5.0	5.1	5.1	5.3	5.7	6.0	6.3	6.2	6.4	6.3	6.7
Limited-Service Eating Places	4.2	5.0	5.2	5.7	5.7	6.0	6.2	5.8	5.9	5.9	6.1	6.3	6.7	6.8	7.2	7.6	7.9	8.2
Other Services	4.8	5.1	5.2	5.2	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	6.3	6.3	6.3	6.4	6.8	7.6
Government	33.8	34.4	34.8	34.0	33.7	33.7	33.6	34.3	34.8	35.6	37.0	38.8	40.1	39.5	39.4	39.6	39.6	40.4
Federal Government	5.7	5.4	5.3	5.0	4.6	4.4	4.3	4.6	4.3	4.0	3.7	4.0	4.1	3.9	4.0	4.0	3.9	4.0
Other Federal Government	-	-	-	-	-	-	-	-	-	-	-	2.2	2.3	2.2	2.2	2.1	2.1	2.2
Department of Defense	3.6	3.4	3.3	3.1	2.7	2.5	2.5	2.8	2.5	2.1	1.8	1.8	1.8	1.7	1.8	1.9	1.8	1.8
State & Local Government	28.1	29.1	29.5	29.0	29.0	29.3	29.3	29.7	30.5	31.7	33.3	34.8	36.0	35.5	35.4	35.6	35.7	36.4
State Government	4.6	4.8	5.0	4.9	4.9	4.8	4.2	4.2	4.2	4.3	4.4	4.5	4.5	4.2	4.3	4.3	4.2	4.3
Local Government	23.5	24.2	24.5	24.1	24.2	24.5	25.1	25.5	26.3	27.4	28.9	30.3	31.5	31.3	31.2	31.3	31.6	32.1
Local Government Education	12.9	13.2	13.1	13.2	13.4	13.6	14.1	14.4	14.9	15.7	16.7	17.6	18.3	18.0	18.3	18.4	18.7	19.4
County	6.6	6.7	7.0	6.4	6.4	6.6	6.8	6.9	7.2	7.4	7.7	8.1	8.5	8.4	8.1	8.0	8.1	8.0
City	3.0	3.2	3.2	3.2	3.1	3.2	3.3	3.4	3.5	3.5	3.7	3.8	3.9	3.9	3.8	3.9	3.7	3.7
Other Local Government	1.1	1.1	1.2	1.2	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0
Vallejo-Fairfield MSA																		
Total Nonfarm	95.8	96.1	98.3	97.8	97.4	97.5	97.4	100.8	104.1	109.8	115.2	117.1	120.5	123.5	124.8	128.1	129.0	127.3
Total Private	66.4	67.3	69.5	70.2	71.3	72.7	74.9	78.4	81.0	85.5	90.6	91.6	94.1	97.8	99.8	102.6	103.0	100.7
Goods Producing	14.4	13.9	13.5	13.3	14.3	15.2	16.2	17.4	17.7	19.2	20.5	20.8	20.6	20.7	21.5	23.1	22.7	20.6
Natural Resources & Mining	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.3	0.3
Construction	6.7	6.7	6.3	5.7	6.4	6.3	6.6	7.6	7.7	8.8	9.9	10.6	10.9	11.3	12.1	13.4	12.6	10.6
Residual-Building, Develop & Gen Cont & Hvy C	1.9	1.7	1.6	1.3	1.6	1.5	1.2	1.6	1.5	1.5	1.8	1.7	2.3	3.0	3.4	4.0	3.6	3.0
Specialty Trade Contractors	4.7	5.0	4.7	4.4	4.9	4.9	5.4	6.0	6.3	7.3	8.1	8.8	8.6	8.3	8.7	9.4	9.0	7.5
Manufacturing	7.4	7.0	6.9	7.3	7.7	8.6	9.3	9.4	9.7	10.1	10.3	10.0	9.5	9.0	9.1	9.3	9.7	9.7
Durable Goods	3.4	3.4	3.4	3.4	3.5	3.7	4.1	4.5	4.8	4.7	4.7	4.6	4.3	4.2	4.0	3.9	4.1	4.1
Non-Durable Goods	4.0	3.6	3.5	4.0	4.3	5.0	5.2	4.9	4.9	5.4	5.6	5.4	5.2	4.9	5.1	5.4	5.6	5.6
Service Providing	81.4	82.2	84.8	84.5	83.1	82.3	81.1	83.4	86.4	90.6	94.7	96.2	99.9	102.8	103.3	105.0	106.3	106.7
Private Service producing	52.0	53.4	56.0	56.9	57.0	57.5	58.6	61.0	63.3	66.3	70.1	70.8	73.5	77.1	78.3	79.5	80.3	80.1
Trade, Transportation & Utilities	19.5	19.5	21.2	21.7	21.1	21.2	21.5	22.7	22.6	23.3	23.4	23.9	24.8	26.1	26.8	27.7	27.7	27.2
Wholesale Trade	2.1	1.9	2.0	2.0	1.9	2.3	2.5	3.0	3.0	3.4	3.6	3.9	4.0	4.3	4.2	4.4	4.2	4.2
Retail Trade	14.3	14.6	15.6	16.0	15.6	15.4	15.3	15.9	15.8	16.2	16.5	17.0	17.7	18.1	18.2	18.6	18.7	18.4
Food & Beverage Stores	3.8	3.9	3.9	3.9	3.7	3.6	3.5	3.6	3.2	3.2	3.2	3.6	3.7	3.5	3.3	3.2	3.1	3.2
Clothing & Clothing Accessories Stores	1.2	1.3	1.4	1.5	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.7	1.7	1.9	2.1	2.2	2.2	2.3
General Merchandise Stores	2.6	2.7	3.3	3.5	3.5	3.3	3.1	3.0	3.1	3.2	3.3	3.3	3.5	3.8	3.9	4.2	4.2	4.2
Residual-Miscellaneous Store Retailers	6.6	6.6	7.1	7.1	7.0	7.2	7.5	8.1	8.2	8.5	8.7	8.4	8.8	9.0	8.9	9.0	9.2	8.7
Transportation, Warehousing & Utilities	3.2	3.1	3.6	3.7	3.7	3.5	3.7	3.8	3.8	3.6	3.3	3.0	3.0	3.8	4.4	4.7	4.7	4.6
Information	1.4	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.9	1.7	1.7	1.6	1.6
Financial Activities	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.4	3.6	3.8	3.8	4.7	5.8	6.0	6.3	6.2	5.7
Finance & Insurance	2.5	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.6	2.8	3.3	3.4	3.7	3.7	3.6
Real Estate & Rental & Leasing	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.9	2.6	2.6	2.6	2.6	2.1
Professional & Business Services	5.0	5.1	5.6	5.4	6.1	6.6	7.1	7.5	8.6	9.8	11.5	11.2	11.7	11.1	11.4	11.3	11.5	11.5
Residual-Professional, Scientific & Technical Se	1.6	2.1	2.2	2.4	2.5	2.5	2.8	2.7	2.8	3.4	4.1	4.8	5.3	4.7	4.5	4.2	4.5	4.4
Administrative & Support & Waste Services	3.4	3.0	3.4	3.0	3.6	4.1	4.4	4.8	5.7	6.4	7.3	6.3	6.4	6.4	6.9	7.1	6.9	7.0
Administrative & Support Services	3.1	2.7	3.1	2.7	3.0	3.4	3.6	4.3	5.2	5.8	6.8	5.8	5.8	5.8	6.3	6.5	6.3	6.4
Employment Services	1.2	0.9	0.9	0.8	1.2	1.4	1.4	1.7	2.5	2.8	3.5	2.6	2.6	2.7	3.2	3.4	3.4	3.6
Residual-Other Support Services	2.0	1.8	2.1	1.9	1.9	2.0	2.2	2.5	2.7	3.0	3.2	3.2	3.2	3.2	3.2	3.1	2.9	2.8
Waste Management & Remediation Services	0.3	0.3	0.3	0.4	0.6	0.7	0.7	0.6	0.5	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Educational & Health Services	9.3	10.0	10.1	10.4	10.5	10.4	10.7	11.4	11.9	12.5	13.7	14.3	14.5	15.6	15.4	15.8	16.2	16.9
Educational Services	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.9	1.0	0.9	1.3	1.4	1.4	1.4	1.5
Health Care & Social Assistance	8.6	9.4	9.5	9.7	9.8	9.6	9.9	10.5	11.1	11.7	12.8	13.3	13.6	14.2	14.0	14.3	14.8	15.4
Health Care	7.4	8.0	8.0	8.1	8.2	8.0	8.2	8.7	9.1	9.8	10.8	11.2	11.5	12.3	12.1	12.5	12.9	13.5
Social Assistance	1.2	1.4	1.5	1.6	1.6	1.6	1.7	1.8	2.0	1.8	2.0	2.1	2.1	2.0	1.9	1.9	1.9	2.0
Leisure & Hospitality	9.6	10.1	10.3	10.5	10.4	10.8	10.6	10.6	11.2	11.7	12.0	12.4	12.3	12.6	12.8	12.6	13.0	13.3
Arts, Entertainment, & Recreation	1.7	2.1	2.1	1.9	1.8	1.9	1.9	1.5	2.0	2.2	1.9	2.4	2.1	2.1	2.4	2.2	2.3	2.4
Accommodation & Food Service	7.9	8.0	8.2	8.5	8.6	8.9	8.7	9.1	9.2	9.5	10.1	9.9	10.2	10.6	10.4	10.4	10.7	10.8
Accommodation	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
Food Services & Drinking Places	7.2	7.3	7.5	7.8	8.0	8.3	7.9	8.2	8.3	8.6	9.1	8.9	9.2	9.7	9.6	9.8	10.0	10.1
Limited-Service Eating Places	3.6	3.8	3.9	4.1	4.0	4.2	4.1	4.5	4.7	4.7	4.8	4.6	4.7	5.0	5.1	5.2	5.3	5.3
Special Food Services	3.7	3.5	3.6	3.7	4.0	4.1	3.8	3.7	3.6	3.9	4.3	4.4	4.4	4.7	4.6	4.5	4.7	4.8
Other Services	3.9	3.9	4.1	4.0	3.9	3.6	3.7	3.8	3.8	3.8	4.0	3.6	3.7	4.0	4.3	4.2	4.1	4.0
Government	29.4	28.9	28.8	27.6	26.1	24.8	22.5	22.4	23.1	24.3	24.5	25.5	26.4	25.7	25.0	25.5	26.0	26.6
Federal Government	13.3	12.1	11.7	10.8	9.1	7.2	4.9	4.4	4.2	4.4	4.4	4.4	4.4	4.3	4.0	4.0	3.9	4.0
State & Local Government	16.1	16.8	17.1	16.8	17.0	17.6	17.7	18.0	18.9	19.9	20.1	21.1	22.0	21.5	21.1	21.5	22.1	22.6
State Government	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.8	4.0	4.0	3.9	4.0	4.1	4.2	4.2	4.2	4.4	4.7
State Government Education	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Other State Government	2.8	2.9	3.0	3.1	3.1	3.1	3.2	3.5	3.7	3.7	3.7	3.7	3.8	3.9	3.9	3.9	4.1	4.4
Local Government	13.1	13.6	13.9	13.6	13.8	14.2	14.2	14.2	15.0	15.9	16.2	17.1	17.9	17.3	16.9	17.3	17.7	17.8
Local Government Education	7.9	8.1	8.2	8.1	8.2	8.4	8.4	8.6	9.2	10.0	10.0	10.7	11.2	10.7	10.4	10.7	10.9	10.9
County	2.5	2.6	2.7	2.6	2.7	2.9	2.8	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.3	3.2	3.4	3.5
City	2.1	2.3	2.4	2.3	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.8	2.9	2.9	2.8	2.8	2.9	2.9
Other Local Government	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Oxnard-Thousand Oaks-Ventura MSA																		
Total Nonfarm	230.3	230.4	226.6	227.0	233.3	237.3	237.9	242.7	252.3	263.6	275.0	279.9	281.8	284.2	286.2	291.2	297.7	295.8
Total Private	186.1	185.5	181.8	183.7	190.6	194.3	194.4	199.4	209.3	219.7	230.7	234.8	236.6	239.4	243.7	249.0	255.2	253.0
Goods Producing	51.7	46.5	43.2	41.4	42.9	43.8	45.2	48.5	51.8	54.6	57.2	57.2	54.4	54.3	55.9	57.3	59.9	57.5
Natural Resources & Mining	1.9	1.8	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.8	0.7	0.6	0.7	0.6	0.7	0.8	1.1	1.1
Construction	16.1	12.2	10.2	9.2	10.3	11.2	10.7	11.5	13.2	14.6	15.4	16.1	15.7	16.6	16.9	18.8	20.5	18.6
Building, Develop & Gen Cont & Hvy Const	6.4	5.0	4.0	3.5	3.6	4.0	3.8	4.0	4.3	4.6	4.4	4.4	4.5	4.7	4.8	5.3	6.0	5.7
Specialty Trade Contractors	9.8	7.2	6.2	5.7	6.7	7.2	6.9	7.5	8.9	10.0	11.0	11.6	11.2	11.9	12.1	13.5	14.5	13.0
Manufacturing	33.7	32.4	31.2	30.7	31.2	31.4	33.4	36.1	37.9	39.2	41.2	40.5	38.0	37.1	38.3	37.7	38.4	37.8
Durable Goods	25.9	23.8	22.1	21.4	21.6	21.5	22.9	25.0	25.8	26.0	27.7	26.6	24.9	24.0	24.2	23.9	24.1	23.8
Computer & Electronic Product Manufacturing	8.9	9.3	9.2	9.5	9.5	9.4	9.8	10.6	10.6	10.9	11.9	11.8	10.6	9.8	9.0	8.7	8.4	8.4
Residual- Miscellaneous Manufacturing	17.1	14.5	12.9	11.9	12.1	12.1	13.1	14.4	15.2	15.1	15.8	14.8	14.3	14.3	15.2	15.2	15.6	15.4
Nondurable Goods	7.7	8.7	9.1	9.2	9.6	9.9	10.5	11.1	12.1	13.2	13.4	13.9	13.1	13.0	14.1	13.9	14.3	14.1
Residual-Food Manufacturing	6.4	6.7	6.6	6.0	6.0	6.0	6.0	6.1	6.4	6.4	6.2	6.3	6.0	5.5	5.7	5.5	5.5	5.3
Chemical Manufacturing	1.3	1.9	2.5	3.2	3.7	3.9	4.5	5.0	5.8	6.8	7.2	7.6	7.1	7.5	8.5	8.3	8.9	8.8
Service Providing	178.6	183.9	183.3	185.5	190.4	193.5	192.7	194.2	200.5	209.0	217.8	222.8	227.5	229.9	230.3	233.9	237.8	238.3
Private Service Producing	134.4	139.0	138.5	142.3	147.7	150.5	149.2	150.9	157.5	165.1	173.4	177.6	182.2	185.1	187.8	191.7	195.3	195.4
Trade, Transportation & Utilities	41.5	42.2	40.6	40.4	41.8	43.3	43.2	45.1	45.1	46.7	49.5	51.0	51.6	52.0	53.2	54.8	56.4	56.5
Wholesale Trade	7.9	8.1	8.1	7.6	7.9	8.5	8.4	8.6	8.9	9.4	10.3	11.0	11.7	11.8	12.2	12.5	12.6	13.1
Retail Trade	28.5	28.5	26.9	27.1	27.9	29.0	29.3	31.1	30.8	31.9	33.6	34.0	34.2	34.5	35.3	36.5	37.6	37.4
Food & Beverage Stores	5.3	5.6	5.5	5.5	5.2	5.3	5.7	6.2	6.1	6.2	6.1	6.4	6.4	6.5	6.5	7.0	7.0	7.2
Clothing & Clothing Accessories Stores	2.9	2.3	2.1	2.1	2.3	2.5	2.3	2.5	2.6	2.6	3.0	3.2	3.2	3.2	3.3	3.6	3.9	4.1
General Merchandise Stores	5.3	6.0	5.2	5.4	5.7	5.7	5.3	5.6	5.5	5.8	6.1	5.9	5.9	6.1	6.4	6.5	6.6	6.3
Residual-Miscellaneous Store Retailers	15.0	14.6	14.0	14.1	14.7	15.5	16.1	16.8	16.6	17.3	18.4	18.5	18.7	18.7	19.1	19.4	20.1	19.7
Transportation, Warehousing & Utilities	5.2	5.6	5.6	5.7	6.0	5.8	5.5	5.4	5.3	5.4	5.6	5.9	5.8	5.6	5.7	5.8	6.1	6.1
Utilities	1.1	1.1	1.1	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
Transportation & Warehousing	4.1	4.4	4.5	4.5	4.8	4.7	4.5	4.6	4.5	4.5	4.7	5.1	4.9	4.7	4.7	4.8	5.1	5.1
Information	8.0	7.0	6.6	6.6	6.4	6.2	6.0	6.5	7.1	8.2	7.9	8.4	8.1	7.2	6.8	6.2	6.0	5.9
Residual-Publishing Industries (except Internet)	3.2	2.9	2.8	2.8	2.5	2.5	2.6	2.8	2.9	3.3	3.8	4.3	4.0	3.8	3.8	3.5	3.4	3.3
Telecommunications	4.9	4.1	3.8	3.8	3.9	3.7	3.3	3.7	4.2	4.9	4.1	4.1	4.1	3.4	3.0	2.7	2.6	2.6
Financial Activities	12.3	14.0	13.4	13.9	14.0	13.5	13.3	13.8	15.6	17.1	17.7	19.7	22.2	23.4	24.2	24.5	24.0	22.7
Finance & Insurance	8.2	9.9	9.5	9.9	10.0	9.9	9.8	10.5	12.0	13.1	13.8	15.5	17.7	19.2	19.8	20.0	19.6	18.0
Residual-Other Finance	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.7	0.9	0.9	0.9	1.0	1.0	1.0	1.0
Credit Intermediation & Related Activities	4.2	4.5	4.5	4.9	4.6	4.4	4.5	4.8	5.2	5.7	6.1	7.1	9.1	10.8	11.3	11.4	11.1	9.9
Insurance Carriers & Related	3.6	5.0	4.4	4.4	4.8	4.9	4.7	5.0	6.1	6.7	7.0	7.5	7.6	7.5	7.6	7.7	7.5	7.2
Real Estate & Rental & Leasing	4.1	4.1	4.0	4.0	4.0	3.7	3.4	3.3	3.6	4.1	4.0	4.2	4.6	4.3	4.4	4.4	4.5	4.7
Professional & Business Services	26.6	27.4	27.6	29.8	32.6	33.4	33.1	31.8	35.1	36.4	39.4	37.2	36.6	36.9	37.3	38.3	39.3	38.4
Professional, Scientific & Technical Services	11.4	11.7	11.4	11.6	11.1	11.3	11.2	10.8	11.9	12.6	13.2	13.8	13.7	13.6	14.2	15.1	16.0	16.1
Management of Companies & Enterprises	2.2	2.3	2.7	3.0	2.7	2.8	2.9	3.2	3.4	3.6	3.7	3.4	3.3	3.9	3.6	3.5	3.3	3.2
Administrative & Support & Waste Services	13.0	13.4	13.5	15.2	18.8	19.4	19.1	17.8	19.7	20.2	22.6	20.0	19.6	19.4	19.5	19.8	20.1	19.0
Administrative & Support Services	12.5	12.7	13.0	14.6	18.2	18.7	18.6	17.3	19.1	19.6	21.9	19.3	19.0	18.7	18.8	19.0	19.4	18.2
Employment Services	5.2	5.4	5.3	6.7	9.8	9.3	8.9	9.4	10.7	10.5	12.1	9.1	8.7	7.8	7.8	8.6	9.5	8.7
Residual-Other Support Services	7.4	7.3	7.7	7.9	8.4	9.4	9.7	7.9	8.4	9.1	9.8	10.3	10.2	10.9	11.0	10.4	9.8	9.5
Waste Management & Remediation Services	0.5	0.7	0.6	0.6	0.6	0.7	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.8	0.7	0.8
Educational & Health Services	18.2	19.4	20.9	22.1	23.0	23.4	22.8	22.6	23.3	23.9	24.1	25.3	26.3	27.6	27.5	28.3	28.9	30.2
Residual-Educational Services	3.9	4.3	4.4	4.7	5.6	5.5	5.2	5.1	5.6	6.5	6.5	6.8	7.4	7.8	7.6	7.8	7.9	8.6
Health Care	14.3	15.1	16.4	17.4	17.3	17.8	17.6	17.5	17.6	17.4	17.6	18.5	18.9	19.9	19.9	20.5	21.0	21.6
Leisure & Hospitality	20.3	20.8	21.2	21.2	21.5	22.2	22.3	22.0	22.2	23.4	25.1	26.6	27.2	27.6	28.5	29.2	30.5	31.9
Arts, Entertainment, & Recreation	2.9	3.3	3.0	2.8	2.7	2.7	2.8	3.0	3.1	3.4	3.9	4.1	4.4	4.6	4.8	4.9	5.1	5.4
Accommodation & Food Service	17.5	17.4	18.1	18.3	18.8	19.5	19.5	19.1	19.1	20.0	21.2	22.4	22.9	23.0	23.7	24.3	25.4	26.4
Accommodation	3.0	2.9	2.8	2.7	2.8	2.6	2.3	2.2	2.3	2.8	3.0	3.0	2.6	2.4	2.3	2.6	2.7	2.8
Food Services & Drinking Places	14.5	14.6	15.3	15.6	16.1	16.9	17.2	16.9	16.8	17.2	18.2	19.4	20.3	20.6	21.4	21.7	22.7	23.6
Other Services	7.4	8.2	8.2	8.3	8.4	8.5	8.6	9.0	9.2	9.5	9.7	9.6	10.2	10.4	10.3	10.4	10.2	9.9
Government	44.2	44.9	44.8	43.2	42.7	43.0	43.4	43.3	43.1	43.9	44.3	45.1	45.3	44.8	42.5	42.2	42.5	42.9
Federal Government	12.1	12.3	12.2	11.4	10.8	10.4	9.9	9.3	8.8	8.5	8.2	8.0	7.9	7.8	7.7	7.4	7.5	7.1
Other Federal Government	-	-	-	-	-	-	-	-	-	-	-	2.4	2.3	2.4	2.4	2.5	2.7	2.5
Department of Defense	9.2	9.4	9.4	8.9	8.3	7.9	7.5	6.9	6.5	6.1	5.8	5.6	5.5	5.4	5.3	5.0	4.8	4.6
State & Local Government	32.1	32.6	32.6	31.9	31.9	32.7	33.6	34.1	34.3	35.4	36.2	37.2	37.4	37.0	34.7	34.8	35.1	35.8
State Government	3.6	3.7	3.8	3.7	3.5	3.5	3.4	2.4	1.9	1.8	1.7	1.8	2.0	2.2	2.2	2.3	2.4	2.6
State Government Education	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.4	0.5	0.6	0.7	0.8
Other State Government	-	-	-	-	-	-	-	-	-	-	-	-	1.8	1.8	1.7	1.7	1.7	1.8
Local Government	28.4	28.9	28.8	28.2	28.4	29.2	30.2	31.7	32.4	33.6	34.5	35.3	35.4	34.8	32.5	32.4	32.7	33.2
Local Government Education	16.2	16.3	16.2	15.9	16.1	16.5	17.3	18.2	18.9	20.3	21.1	21.6	21.4	20.4	18.4	18.4	18.4	18.5
County	7.0	7.3	7.3	7.1	7.3	7.4	7.6	7.5	7.5	7.7	7.7	8.0	8.3	8.3	8.1	7.9	8.1	8.4
City	3.7	3.7	3.7	3.6	3.5	3.7	3.8	4.1	4.2	4.0	4.0	4.1	4.1	4.4	4.3	4.2	4.3	4.4
Other Local Government	1.6	1.6	1.7	1.6	1.5	1.6	1.5	1.9	1.9	1.7	1.6	1.6	1.7	1.8	1.8	1.9	1.9	1.9
Visalia-Porterville MSA																		
Total Nonfarm	85.1	88.6	85.5	85.1	86.6	87.8	87.5	89.9	92.1	94.6	98.2	100.3	102.5	102.7	104.5	108.3	112.6	113.4
Total Private	61.4	64.4	63.3	62.9	63.9	64.2	63.5	65.2	66.7	68.0	69.9	71.2	72.9	73.7	75.1	78.4	82.4	82.5
Goods Producing	17.3	18.3	16.8	15.4	15.9	16.3	15.3	16.0	16.5	17.0	16.9	17.0	16.8	17.3	18.0	19.2	20.3	19.8
Natural Resources, Mining & Construction	4.7	4.5	4.4	4.1	4.1	4.1	4.0	4.1	4.4	5.1	5.2	5.5	5.6	6.2	6.7	7.6	8.4	7.7
Natural Resources & Mining	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1
Construction	4.7	4.5	4.4	4.1	4.1	4.1	4.0	4.1	4.4	5.1	5.2	5.5	5.6	6.1	6.6	7.5	8.3	7.6
Manufacturing	12.6	13.8	12.3	11.3	11.8	12.2	11.4	11.9	12.1	11.9	11.7	11.5	11.2	11.2	11.3	11.6	11.9	12.1
Durable Goods	5.1	5.0	4.3	4.0	4.2	4.6	4.4	4.3	4.4	4.3	4.2	4.0	3.8	3.7	3.5	3.6	3.6	3.5
Wood Product Manufacturing	1.3	1.2	0.9	0.8	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5
Machinery Manufacturing	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.7	0.8	0.8
Computer & Electronic Product Manufacturing	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.5
Residual-Miscellaneous Manufacturing	2.4	2.5	2.1	1.9	2.0	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.0	1.9	1.8	1.7	1.8	1.7

TABLE C-7 (Continued)

WAGE & SALARY WORKERS IN NONFARM ESTABLISHMENTS BY INDUSTRY
CALIFORNIA METROPOLITAN AREAS, 1990 TO 2007 a/ d/
(In thousands)

Metropolitan Area (Component County/Counties)	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Nondurable Goods	7.5	8.8	8.1	7.3	7.6	7.6	7.0	7.6	7.6	7.6	7.5	7.5	7.4	7.5	7.8	8.0	8.3	8.6
Food Man & Beverage & Tobacco	4.5	6.0	4.9	4.3	4.6	4.4	3.6	3.7	3.5	3.9	4.1	4.2	4.4	4.5	4.7	5.1	5.5	5.9
Residual-Textile Mills	3.0	2.9	3.2	3.0	3.0	3.2	3.4	3.9	4.1	3.7	3.5	3.3	3.0	2.9	3.1	2.9	2.8	2.7
Service Providing	67.9	70.3	68.8	69.7	70.8	71.5	72.2	73.9	75.7	77.7	81.2	83.3	85.6	85.4	86.5	89.2	92.3	93.6
Private Service producing	44.1	46.1	46.5	47.5	48.0	48.0	48.2	49.1	50.2	51.1	53.0	54.2	56.1	56.4	57.1	59.2	62.1	62.7
Trade, Transportation & Utilities	18.3	18.9	19.1	19.4	19.8	19.9	20.4	20.7	20.9	21.0	21.7	22.0	21.8	21.9	22.3	23.0	24.0	24.6
Wholesale Trade	3.2	3.0	2.9	3.1	3.1	3.2	3.3	3.6	3.2	3.3	3.6	3.6	3.4	3.4	3.6	3.8	3.8	3.9
Retail Trade	12.4	13.1	13.3	12.9	13.1	13.2	13.3	13.5	13.8	13.5	13.5	13.3	13.2	13.3	13.6	14.1	14.8	15.3
Food & Beverage Stores	3.1	2.9	3.1	3.2	3.1	2.9	2.8	2.7	2.9	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
General Merchandise Stores	2.4	2.7	2.6	2.8	2.9	3.0	3.1	3.3	3.3	3.2	3.2	3.0	2.9	2.9	2.9	3.4	3.6	3.6
Residual-Miscellaneous Store Retailers	6.5	7.5	7.6	6.9	7.1	7.3	7.4	7.4	7.6	7.6	7.6	7.5	7.5	7.6	7.8	8.0	8.5	8.9
Transportation, Warehousing & Utilities	2.7	2.8	2.9	3.3	3.6	3.6	3.7	3.7	4.0	4.2	4.6	5.1	5.2	5.1	5.1	5.0	5.3	5.4
Utilities	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
Transportation & Warehousing	1.7	1.5	2.2	2.6	3.0	3.0	3.2	3.2	3.5	3.7	4.1	4.6	4.7	4.6	4.5	4.4	4.7	4.8
Information	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.8	0.9	1.0	1.1	1.0	1.0	1.1	1.2	1.1	1.1	1.1
Financial Activities	3.7	4.2	4.2	4.1	3.8	3.7	3.6	3.6	3.7	4.0	3.9	4.2	4.5	4.5	4.3	4.5	4.5	4.4
Finance & Insurance	2.8	3.1	3.1	3.1	2.9	2.8	2.7	2.8	2.8	3.0	2.9	3.2	3.5	3.4	3.2	3.2	3.1	3.1
Real Estate & Rental & Leasing	0.9	1.1	1.1	1.0	0.9	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.3	1.4
Professional & Business Services	5.2	5.5	5.6	5.9	6.0	6.6	7.2	7.5	7.8	8.0	8.5	8.4	9.2	9.0	9.1	9.8	10.8	10.0
Educational & Health Services	7.4	7.6	7.1	8.3	8.3	7.4	6.6	6.9	7.0	7.1	7.6	8.3	8.9	9.3	9.5	9.8	10.3	10.7
Leisure & Hospitality	6.3	6.7	7.3	6.7	6.9	7.1	7.2	7.1	7.3	7.4	7.4	7.4	7.9	7.9	7.9	8.1	8.6	9.0
Arts, Entertainment, & Recreation	0.9	0.5	0.5	0.6	0.6	0.7	0.6	0.7	0.8	0.7	0.8	0.9	0.8	0.8	0.7	0.8	0.9	0.8
Accommodation & Food Service	5.5	6.2	6.8	6.1	6.3	6.5	6.6	6.4	6.5	6.6	6.6	6.6	7.1	7.1	7.2	7.2	7.8	8.1
Accommodation	0.9	1.0	1.0	0.8	0.7	0.8	0.7	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.5
Food Services & Drinking Places	4.6	5.2	5.8	5.3	5.6	5.7	5.9	5.8	5.9	6.0	6.0	6.0	6.4	6.4	6.6	6.7	7.3	7.6
Other Services	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.7	2.8	2.9	2.9	2.8	2.8	2.9	2.9	2.9
Government	23.7	24.2	22.3	22.2	22.8	23.6	24.0	24.7	25.5	26.6	28.3	29.1	29.6	29.0	29.4	29.9	30.2	30.9
Federal Government	1.3	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.2	1.2
State & Local Government	22.5	22.8	20.9	20.8	21.3	22.1	22.6	23.4	24.3	25.3	27.0	27.7	28.2	27.7	28.1	28.7	29.0	29.7
State Government	-	-	2.2	2.2	2.0	2.0	1.9	2.0	2.2	2.4	2.6	2.6	2.8	2.6	2.4	2.4	2.4	2.3
Local Government	-	-	18.7	18.7	19.2	20.1	20.7	21.4	22.0	22.9	24.4	25.1	25.4	25.1	25.7	26.3	26.6	27.4
Yuba City MSA																		
Total Nonfarm	30.8	31.8	31.6	31.2	31.6	31.9	32.3	33.4	34.2	35.5	37.0	38.1	38.2	37.8	38.6	39.5	41.2	42.0
Total Private	21.9	22.6	22.4	22.2	22.4	23.0	23.5	24.1	24.3	25.2	26.2	27.3	27.6	27.3	27.8	28.1	29.3	29.9
Goods Producing	5.4	5.0	4.8	4.5	4.5	4.7	4.8	5.2	5.2	5.6	5.7	5.9	5.4	5.5	5.5	5.1	5.2	5.2
Natural Resources, Mining & Construction	2.3	2.1	2.0	1.9	2.0	2.1	2.1	2.1	2.0	2.2	2.3	2.6	2.3	2.5	2.7	2.6	2.8	2.6
Natural Resources & Mining	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3
Construction	1.8	1.7	1.6	1.5	1.6	1.7	1.7	1.8	1.7	1.9	2.0	2.3	2.1	2.3	2.5	2.4	2.6	2.3
Manufacturing	3.2	3.0	2.8	2.6	2.5	2.6	2.8	3.1	3.2	3.4	3.4	3.3	3.0	3.0	2.9	2.5	2.4	2.5
Durable Goods	1.7	1.6	1.6	1.4	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.6
Wood Product Manufacturing	1.1	0.9	1.0	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.4
Residual-Miscellaneous Manufacturing	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.2
Nondurable Goods	1.4	1.4	1.3	1.3	1.1	1.2	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.2	0.9	0.9	0.9
Service Providing	25.4	26.7	26.7	26.8	27.1	27.3	27.5	28.2	29.0	29.9	31.3	32.2	32.8	32.4	33.1	34.4	36.0	36.8
Private Service Producing	16.5	17.5	17.6	17.7	17.9	18.4	18.6	18.9	19.1	19.6	20.4	21.5	22.2	21.8	22.3	23.0	24.1	24.8
Trade, Transportation & Utilities	6.5	6.7	6.6	6.7	6.7	6.9	7.0	7.0	7.1	7.3	7.3	7.6	7.9	7.8	7.8	8.1	8.6	8.8
Wholesale Trade	1.2	1.2	1.0	1.1	1.0	1.0	0.9	0.9	1.0	0.9	0.9	1.1	1.3	1.2	1.2	1.2	1.3	1.4
Retail Trade	4.5	4.9	4.9	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.3	5.5	5.5	5.6	5.9	6.3	6.2
Food & Beverage Stores	0.9	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.0	0.9
General Merchandise Stores	1.0	1.1	1.2	1.4	1.4	1.4	1.4	1.3	1.2	1.3	1.3	1.2	1.2	1.3	1.5	1.6	2.0	2.0
Residual-Miscellaneous Store Retailers	2.5	2.8	2.8	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.2	3.1	3.0	3.1	3.2	3.3
Transportation, Warehousing & Utilities	0.7	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.9	0.9	1.2	1.1	1.1	1.0	1.0	1.1	1.2
Information	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.5
Financial Activities	1.5	1.7	1.5	1.5	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.5	1.5	1.5	1.5
Finance & Insurance	1.0	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.8
Real Estate & Rental & Leasing	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7
Professional & Business Services	1.7	1.8	1.8	2.0	1.9	2.0	2.1	2.3	2.4	2.5	2.8	2.6	2.7	2.6	2.9	3.2	3.3	3.4
Educational & Health Services	3.0	3.1	3.4	3.4	3.5	3.6	3.7	3.7	3.8	4.0	4.2	4.7	5.0	5.0	5.0	5.2	5.5	5.7
Leisure & Hospitality	2.7	2.8	2.9	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.2	3.3	3.6	3.4	3.4	3.4	3.6	3.7
Food Services & Drinking Places	2.1	2.1	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.4	2.5	2.7	2.9	2.8	2.8	2.8	3.0	3.1
Residual-Arts, Entertainment, & Recreation	0.6	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Other Services	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.5	1.4	1.4	1.3	1.2	1.2	1.3
Government	8.9	9.2	9.2	9.0	9.2	8.9	8.8	9.3	9.9	10.3	10.9	10.8	10.6	10.5	10.9	11.4	11.9	12.0
Federal Government	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.3	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.5
State & Local Government	7.3	7.6	7.7	7.6	7.8	7.5	7.5	8.0	8.5	8.8	9.3	9.3	9.1	9.1	9.3	9.8	10.4	10.5
State Government	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.7	0.8	0.9	1.1	1.2	1.1	1.1	1.5	1.5	1.4	1.4
Local Government	6.3	6.6	6.7	6.6	6.8	6.8	6.8	7.3	7.7	7.9	8.2	8.1	8.0	8.0	7.9	8.3	9.0	9.1

a/ Does not include proprietors, the self-employed, unpaid volunteers or family workers, domestic workers in households, & persons involved in labor management trade disputes. Employment reported by place of work.
b/ Includes employees of construction contractors & operative builders; does not include force account or government construction workers.
c/ Includes all civilian employees of federal, state, & local governments regardless of the activity in which the employee is engaged.
d/ Detail may not add to total due to independent rounding.

Note: Beginning in 1990, industry employment are based on the new North American Industry Classification System (NAICS). Data prior to 1990 are based on the Standard Industrial Classification (SIC) system. As a result, some industry titles will be different from those published in past years. The NAICS & SIC data are not comparable.

Employment Development Department
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TABLE C-8

WAGE AND SALARY EMPLOYEES IN AGRICULTURAL ESTABLISHMENTS
BY AREAS IN CALIFORNIA, 1995 TO 2007 a/ b/

County	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
California c/	373,500	408,300	413,000	406,200	404,000	408,500	379,500	372,700	375,100	386,400	378,200	375,200	386,400
Alameda and Contra Costa	2,200	2,100	2,100	1,900	2,300	3,000	3,000	3,000	2,600	1,500	1,600	1,500	1,500
Amador	210	250	270	240	240	260	300	330	370	380	380	290	320
Butte	2,900	3,000	3,100	3,000	3,100	3,000	2,700	2,500	2,600	2,700	2,600	2,500	2,600
Calaveras	40	50	40	50	30	30	50	60	50	50	60	60	60
Colusa	2,400	2,570	3,040	3,030	2,870	2,560	2,100	2,120	2,170	2,210	2,460	2,530	2,540
Del Norte	480	490	460	440	450	450	410	400	380	380	410	420	370
Fresno d/	58,200	62,000	60,300	58,700	56,300	55,600	48,700	46,600	46,200	46,000	46,400	46,500	49,700
Glenn	1,670	1,680	1,770	1,540	1,650	1,510	1,450	1,480	1,310	1,520	1,530	1,460	1,730
Humboldt	900	900	1,000	1,000	900	1,100	1,000	1,100	1,100	1,100	1,200	1,200	1,300
Imperial	14,500	13,800	13,900	14,300	14,400	12,300	11,300	10,100	10,800	10,400	10,600	11,500	11,800
Inyo	50	50	50	50	50	50	50	40	40	50	50	50	40
Kern	42,100	49,600	49,000	46,500	44,900	48,300	41,800	40,400	41,900	39,500	44,400	45,300	45,200
Kings	7,800	9,500	9,400	7,800	6,900	7,700	7,000	6,700	7,100	7,100	7,700	8,700	9,300
Lake	920	860	1,010	970	950	930	920	840	840	860	890	980	1,110
Lassen	300	270	220	230	320	240	280	310	350	440	400	400	450
Los Angeles	8,000	7,200	7,000	7,700	7,300	7,700	8,400	7,800	7,800	7,600	7,400	7,600	7,800
Madera d/	10,100	10,800	11,300	11,900	12,000	11,900	9,400	8,700	9,000	9,500	10,500	10,500	10,300
Mariposa	30	30	20	10	10	10	10	10	10	10	10	20	20
Mendocino	1,930	2,170	2,410	2,470	2,410	2,490	2,470	2,340	2,170	2,240	2,080	2,090	1,980
Merced	11,000	11,000	11,100	11,100	11,500	11,600	10,900	10,800	10,600	10,200	10,500	10,900	11,300
Modoc	310	310	350	410	380	340	290	310	380	380	350	350	330
Mono	40	20	20	20	10	10	10	20	20	20	30	30	30
Monterey	33,000	34,800	34,800	35,200	37,500	39,100	36,900	38,100	41,400	41,900	42,400	40,400	41,100
Napa d/	3,600	3,800	4,200	4,400	4,400	4,900	5,300	5,300	4,900	4,700	4,600	4,700	5,100
Nevada	80	100	110	130	150	90	100	100	100	90	80	70	90
Orange	6,300	6,700	6,900	6,600	7,000	7,600	7,100	7,300	7,200	6,700	5,600	5,300	5,000
Plumas	20	30	60	80	100	150	180	110	80	90	90	90	100
Riverside and San Bernardino	21,800	21,300	21,700	21,600	21,300	21,700	20,900	20,300	20,300	18,700	18,300	17,300	16,800
Sacramento, Placer, El Dorado, Yolo d/	8,600	9,000	9,000	8,500	8,800	8,900	8,100	7,900	7,500	7,400	7,400	7,500	8,000
San Diego	10,800	11,000	10,800	10,600	11,200	11,400	11,400	11,000	11,200	11,100	10,700	10,900	10,800
San Francisco, San Mateo, Marin	3,700	3,600	3,600	3,600	3,600	3,700	3,500	3,400	3,500	3,100	2,700	2,800	2,700
San Joaquin	15,100	16,000	17,600	17,100	18,100	16,700	15,700	15,900	16,600	16,000	15,200	14,300	14,800
San Luis Obispo	3,000	3,900	4,800	4,600	4,300	4,800	4,900	4,600	3,900	4,000	4,300	4,300	4,500
Santa Barbara	14,100	14,600	14,700	13,800	15,300	14,900	13,800	14,200	16,200	16,000	16,300	15,400	15,900
Santa Clara and San Benito d/	7,000	7,800	7,300	7,200	7,300	6,900	7,000	6,900	6,600	6,700	6,300	6,200	6,200
Santa Cruz	11,700	11,700	11,200	11,000	9,100	8,300	7,800	8,300	8,500	7,500	7,800	7,400	8,000
Shasta	900	1,000	800	900	900	900	1,000	1,000	900	900	800	700	800
Sierra	0	0	0	0	10	0	0	10	10	10	10	10	30
Siskiyou	1,300	1,180	1,210	1,210	1,070	1,080	850	770	630	680	640	680	680
Solano d/	1,600	2,000	2,100	2,200	2,300	2,300	2,200	2,000	1,900	2,000	2,000	1,700	1,500
Sonoma	5,500	5,800	6,200	6,500	6,400	6,900	7,000	6,500	5,900	5,700	5,800	5,700	6,000
Stanislaus	13,700	15,200	16,100	16,200	16,400	15,700	14,100	13,900	14,000	13,800	13,800	12,900	12,800
Sutter and Yuba	6,300	7,000	7,100	6,100	6,200	6,100	5,300	4,600	5,000	5,000	4,800	4,500	5,000
Tehama	1,310	1,520	1,470	1,210	1,330	1,480	1,430	1,300	1,210	1,290	1,180	1,170	1,180
Trinity	40	30	40	50	70	60	60	20	10	30	20	20	20
Tulare	32,200	35,200	34,500	35,000	33,300	34,900	33,300	33,500	32,900	30,000	32,200	33,700	34,800
Tuolumne	110	150	140	170	190	180	200	200	140	110	90	60	70
Ventura	17,000	17,500	17,300	17,700	17,500	19,300	19,100	19,200	20,200	20,700	22,500	22,900	23,600

a/ Because of the implementation of a different rounding convention, historical data may differ from data in previous issues.

b/ Employment reported by place of work. Does not include farmers or unpaid family workers.

c/ Includes employees not identifiable by county.

d/ With the incorporation of the 2000 Census, geographical changes have affected historical data back to 1990. These changes include: the separation of Fresno and Madera counties; the separation of Napa and Solano counties; the joining of Santa Clara and San Benito counties, and the addition of Yolo County to the Sacramento MSA.

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TABLE C-9

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN SELECT MANUFACTURING INDUSTRIES, CALIFORNIA 2007 a/ b/

Industry	Average weekly earnings	Average weekly hours	Average hourly earnings
Manufacturing	$656.9	40.5	$16.22
Durable goods	714.1	41.3	17.29
Fabricated metal products	700.9	42.3	16.57
Machinery	741.2	42.4	17.48
Computer and electronic products	772.5	41.2	18.75
Semiconductor and related devices	694.2	40.5	17.14
Navigational, measurement	893.0	42.3	21.11
Furniture and related products	533.57	39.7	13.44
Miscellaneous manufacturing	565.73	39.7	14.25
Medical equipment and supplies	588.46	39.6	14.86
Other miscellaneous	539.29	39.8	13.55
Non-durable goods	596.29	39.7	15.02
Food manufacturing	591.95	40.6	14.58
Beverage and tobacco products	721.39	36.6	19.71
Apparel	410.62	40.1	10.24
Printing and related	667.75	38.8	17.21
Chemical	710.23	39.7	17.89
Plastics and rubber products	559.18	40.2	13.91
Motion picture and sound recording	1,033.03	36.4	28.38
Motion picture and video industries	1,049.56	37.1	28.29
Motion picture and video production	1,312.35	39.0	33.65

a/ Averages based on data for full and part-time workers in production and related departments, such as shipping, maintenance and warehousing.
Overtime hours and pay and premium wages for late-shift work are included.
b/ Hours and earnings data are available for select manufacturing industries only and for motion pict

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TABLE C-10

Average Weekly and Hourly Earnings, and
Average Hours Worked Per Week
Production and Related Workers in Manufacturing,
California and United States, 1964 to 2007 a/

	California			United States		
Year b/	Average Weekly Earnings	Average Hourly Earnings	Average Hours per Week	Average Weekly Earnings	Average Hourly Earnings	Average Hours per Week
1964	119.29	2.96	40.3	98.33	2.41	40.8
1965	123.83	3.05	40.6	102.59	2.49	41.2
1966	128.93	3.16	40.8	107.64	2.60	41.4
1967	132.92	3.29	40.4	110.03	2.71	40.6
1968	138.63	3.44	40.3	117.62	2.89	40.7
1969	145.89	3.62	40.3	124.64	3.07	40.6
1970	150.48	3.80	39.6	128.55	3.23	39.8
1971	158.79	4.02	39.5	137.66	3.45	39.9
1972	170.43	4.25	40.1	150.22	3.70	40.6
1973	178.93	4.44	40.3	161.58	3.97	40.7
1974	188.97	4.76	39.7	172.40	4.31	40.0
1975	205.67	5.22	39.4	186.05	4.71	39.5
1976	221.92	5.59	39.7	204.11	5.09	40.1
1977	240.60	6.00	40.1	223.67	5.55	40.3
1978	257.84	6.43	40.1	244.42	6.05	40.4
1979	280.50	7.03	39.9	264.11	6.57	40.2
1980	304.15	7.70	39.5	283.86	7.15	39.7
1981	338.98	8.56	39.6	312.83	7.86	39.8
1982	362.21	9.24	39.2	325.20	8.36	38.9
1983	380.80	9.52	40.0	348.87	8.70	40.1
1984	393.73	9.77	40.3	368.34	9.05	40.7
1985	406.82	10.12	40.2	380.70	9.40	40.5
1986	417.51	10.36	40.3	390.31	9.59	40.7
1987	433.23	10.75	40.3	399.59	9.77	40.9
1988	439.56	10.80	40.7	412.05	10.05	41.0
1989	454.21	11.16	40.7	423.32	10.35	40.9
1990	466.09	11.48	40.6	436.16	10.78	40.5
1991	481.92	11.87	40.6	449.73	11.13	40.4
1992	494.91	12.19	40.6	464.43	11.40	40.7
1993	506.34	12.38	40.9	480.83	11.70	41.1
1994	515.02	12.44	41.4	502.05	12.04	41.7
1995	517.06	12.55	41.2	509.23	12.34	41.3
1996	532.86	12.84	41.5	526.59	12.75	41.3
1997	554.76	13.24	41.9	548.22	13.14	41.7
1998	570.99	13.66	41.8	557.09	13.45	41.4
1999	581.72	13.95	41.7	573.25	13.85	41.4
2000	594.64	14.26	41.7	590.77	14.32	41.3
2001	581.72	14.69	39.6	595.19	14.76	40.3
2002	589.64	14.89	39.6	618.75	15.29	40.5
2003	597.09	15.04	39.7	635.99	15.74	40.4
2004	614.40	15.36	40.0	658.49	16.14	40.8
2005	626.43	15.70	39.9	673.33	16.56	40.7
2006	635.53	15.77	40.3	691.02	16.81	41.1
2007	656.91	16.22	40.5	711.36	17.26	41.2

a/ Averages based on data for full and part-time production and related workers in production and such as shipping, maintenance, and warehousing. Overtime pay and premium wages for late-shif

b/ Beginning with the January 2001 data, industry classification will be based on the North Americ Classification System (NAICS). Hours and Earnings data for manufacturing industries in prior yea on the Standard Industrial Classification System (SIC). The NAICS and SIC data are NOT compa

Sources:

CA Employment Development Department, http://www.labormarketinfo.edd.ca.gov/

US Department of Labor, Bureau of Labor Statistics, http://stats.bls.gov/

TABLE C-11

WORKERS' COMPENSATION PLANS AND BENEFITS
CALIFORNIA, 2000 TO 2006 a/
($1,000)

	2000	2001	2002	2003	2004	2005	2006
Workers' Compensation Insurance Carriers b/							
Payroll insured	$388,283,112	$386,526,799	$378,544,339	$384,532,109	$403,603,942	$422,300,944	N/A
Total incurred losses c/	9,217,452	10,208,092	9,118,471	6,974,804	4,703,127	3,350,584	N/A
Incurred medical costs	4,513,177	5,173,281	4,659,656	3,565,988	2,600,101	2,039,041	N/A
Incurred indemnity for:							
Death							
Cases	419	406	390	347	332	267	N/A
Amount	$52,039	$53,826	$48,623	$43,074	$53,938	$48,848	N/A
Permanent disability d/							
Cases	104,588	108,192	104,035	86,627	62,153	45,085	N/A
Amount	$4,251,600	$4,578,067	$4,019,922	$2,977,239	$1,653,229	$881,921	N/A
Temporary disability							
Cases	111,479	101,127	94,384	88,503	86,352	86,528	N/A
Amount	$400,636	$402,918	$390,269	$388,504	$395,859	$380,773	N/A
Self insurers e/							
Payroll	$61,232,374	$60,563,890	$59,205,842	$73,985,619	$77,642,633	$88,287,729	$90,873,694
Total incurred losses	665,371	709,029	731,204	859,838	703,333	595,516	599,492
Incurred medical costs	364,650	396,001	406,305	494,245	402,284	367,694	385,457
Incurred indemnity	300,721	313,029	324,899	365,593	301,049	227,822	214,035

a/ Losses originating under policies effective in a given year are assigned to that year regardless of accident date.
b/ Excludes experience of self-insured employers.
c/ Total incurred losses include amounts paid as of valuation date and insurers' estimates of future payments for reported claims. Each year's losses are evaluated at different levels of maturity, therefore, it can be very misleading to compare information between different years.
d/ Includes both temporary and permanent disability indemnity costs in cases involving permanent disability.
e/ There were approximately 1,081 in 2000, 1,141 in 2001 and 1,150 in 2002, 1,438 in 2003, 1,409 in 2004, 1,369 in 2005, and 1,320 in 2006. For private group employers there were approximately 2,696 in 2003, 2,695 in 2004, 2,652 in 2005, and 2,572 in 2006.
N/A Not available

Source: Workers' Compensation Insurance Rating Bureau of California [Workers' Compensation Insurance Carriers]
Department of Industrial Relations, Self Insurance Plans [Self insurers]

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 703-4780
http://www.dir.ca.gov/

TABLE C-12

NUMBER OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES
BY INDUSTRY AND CASE TYPE
CALIFORNIA, 2006
(In thousands)

Industry	NAICS codes a/	Employment b/	Total cases	Lost workday cases c/
All Industries	--	14,892.9	603.0	340.4
Private Sector	--	12,770.2	473.7	278.4
Agriculture, forestry, and fishing d/	11.0	342.6	15.2	9.2
Mining e/	21.0	23.5	1.0	0.7
Utilities	22.0	56.2	30.0	1.7
Construction	23.0	935.7	48.9	29.9
Manufacturing	31-33	1,498.3	70.3	45.3
Wholesale trade	42.0	694.0	28.2	19.4
Retail trade	44-45	1,675.3	72.1	44.1
Transportation and warehousing	48-49	417.6	28.2	18.6
Information	51.0	471.9	9.4	4.7
Finance and insurance	52.0	646.8	8.3	3.4
Real estate and rental and leasing	53.0	289.3	10.0	6.7
Professional and business services	54-56	2,205.7	56.4	34.1
Education and health services	61-62	1,568.0	65.7	29.8
Leisure and hospitality	71-72	1,503.2	43.9	24.1
Other services, except admin.	81.0	442.1	13.1	6.6
State and Local government	--	2,122.7	129.3	62.0

a/ North American Industry Classification Manual, 2002 Edition.
b/ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.
c/ Lost workday cases involve days away from work, or days of restricted work activity or both.
d/ Excludes farms with fewer than 11 employees.
e/ Data for mining (Sector 21 in the North American Industry Classification Systems, 2002 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by MSHA.
n.a. Not available
Note: Because of rounding, components may not add to the totals.
Data shown are not comparable with previous years.

TABLE C-13

NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES
INCIDENCE RATES BY INDUSTRY
CALIFORNIA, 2006

Industry	Incidence rates per 100 full-time workers a/		
	Total cases	Lost workday cases	Cases without lost workdays
All industries	4.8	2.7	2.1
Private Sector	4.3	2.6	1.8
Agriculture, forestry, and fishing b/	5.2	3.1	2.0
Mining	3.6	2.5	1.1
Utilities	5.4	3.0	2.3
Construction	6.0	3.7	2.3
Manufacturing	4.7	3.1	1.7
Wholesale trade	4.2	2.9	1.3
Retail trade	5.4	3.3	2.1
Transportation and warehousing	7.2	4.7	2.5
Information	2.3	1.1	1.1
Finance and insurance	1.4	0.6	0.8
Real estate and rental and leasing	4.0	2.7	1.3
Professional and business services	2.9	1.8	1.2
Education and health services	5.3	2.4	2.9
Leisure and hospitality	4.2	2.3	1.9
Other services, except admin.	3.6	1.8	1.8
State and Local government	7.3	3.5	3.8

a/ Incidence rates represent the number of nonfatal injuries and illnesses per 100 full-time employees and were calculated as N x 200,000/(EH) where
N = number of occupational injuries, illnesses, or lost workdays;
EH = total hours worked by all employees during the calendar year; and
200,000 = 100 full-time equivalent workers (40 hours per week, 50 weeks per year).
b/ Excludes farms with fewer than 11 employees.
Note: Data shown are not comparable with previous years.

Source agency for Tables C-12 and C-13:
Department of Industrial Relations
Division of Labor Statistics and Research, (415) 703-4780
http://www.dir.ca.gov/

TABLE C-14

EMPLOYMENT SERVICES PROVIDED TO JOB SEEKERS, CALIFORNIA, 2004-05 a/

	Total active job seekers	Veterans & eligible persons	MSFW	Male	Female	Youth	Adult Total	Adult 19-44	Adult 45-54	Adult 55 & over	Received staff-assisted services	Career guidance	Job search activities	Referred to employment	Referred to WIA services	Referred to support services
Total job seekers	1,132,143	101,808	39,104	606,434	525,709	33,809	1,098,084	777,268	211,927	108,889	65,122	19,941	58,044	36,004	13,833	27,829
Employment status at registration:																
Employed	236,844	23,410	5,391	115,544	121,300	5,018	231,779	178,695	37,756	15,328	6,778	2,288	5,878	5,081	1,397	3,056
Unemployed	869,399	75,965	33,195	475,214	394,185	28,312	840,900	580,800	169,032	91,068	56,798	17,201	50,723	30,135	12,109	24,069
Eligible claimant	685,967	61,796	24,523	377,899	308,068	3,495	682,460	458,652	145,614	78,194	37,042	9,855	35,220	17,908	9,373	17,414
Hispanic or Latino	379,244	18,661	32,103	204,961	174,283	16,054	363,100	284,355	55,578	23,167	28,795	5,851	26,923	17,505	6,013	11,572
Not Hispanic or Latino	685,341	76,567	5,687	360,430	324,911	16,363	668,846	447,381	142,496	78,969	32,975	12,974	27,983	16,800	7,163	14,800
Race:																
American Indian or Alaska Native	15,318	1,640	300	7,944	7,374	413	14,898	11,007	2,800	1,091	929	320	780	517	201	478
Asian	86,440	3,580	1,426	47,162	39,278	1,535	84,885	57,164	17,633	10,088	3,065	699	2,805	1,416	574	952
Black or African American	145,690	16,811	1,241	74,378	71,312	5,865	139,793	106,225	25,184	8,384	8,949	3,995	7,226	5,749	1,915	3,977
Hawaiian Native or Pacific Islander	18,229	1,675	271	9,757	8,472	450	17,776	14,056	2,509	1,211	770	274	634	463	159	326
White	463,757	56,277	9,690	246,698	217,059	8,480	455,201	286,961	104,753	63,487	24,995	8,617	21,387	11,675	5,222	11,058
More than one race	56,047	4,184	2,228	29,203	26,844	872	55,175	43,359	8,273	3,543	3,390	832	2,878	1,813	662	1,433
Other	226,610	9,764	16,017	120,810	105,800	12,303	214,246	172,258	29,819	12,169	14,579	3,226	13,899	8,855	3,298	6,223
Education:																
In-school	146,330	10,061	3,225	63,395	82,935	19,320	126,969	111,479	11,710	3,780	6,789	2,635	4,976	3,897	1,071	2,288
Not high school graduate	179,992	4,052	25,460	107,605	72,387	3,975	175,966	115,358	39,594	21,014	17,748	2,005	17,937	10,264	3,700	6,955
High school graduate or GED	787,763	86,045	10,036	423,944	363,819	10,049	777,571	537,309	157,560	82,702	39,207	14,876	33,785	21,177	8,732	17,901
Post-secondary degree or certificatio	922,295	97,460	11,914	483,649	438,646	18,563	903,555	647,316	169,569	86,670	44,331	16,967	38,005	24,175	9,778	20,138
Persons with disability	37,080	7,867	1,026	22,680	14,400	548	36,524	20,910	10,216	5,398	4,584	2,741	3,407	2,438	718	2,077
MSFW	39,104	691	--	25,290	13,814	1,020	38,079	24,872	8,667	4,540	7,725	153	8,305	4,672	1,667	3,685
Dislocated workers	239,970	26,151	7,014	136,662	103,308	2,546	237,392	149,719	55,933	31,740	12,386	3,763	10,968	5,519	3,158	5,743

a/ Initial report period following full transition to new database & orientation of primary database users.
JTPA: Job Training Partnership Act

Employment Development Department, Job Service Division, Management Information Reports Unit, (916) 654-9722
http://wwwedd.cahwnet.gov/

TABLE C-15

REGISTERED APPRENTICES ACTIVE IN SELECTED TRADES ON JUNE 30, 2008
AND COMPLETIONS IN CALIFORNIA DURING 2007-08 a/ b/

Trade	Number of apprentices: Active on June 30, 2008	Number of apprentices: Completed in 2007-08
All apprentices	71,996	7,586
Selected trades b/	60,003	7,347
Acoustical Installer	479	46
Air Cond Refrigeration Mech	193	40
Air Conditioning Mech Indstrl	142	94
Asbestos Worker	238	36
Auto Mechanic	250	15
Boilermaker Field Cons Repair	114	9
Bricklayer	490	32
Carpenter	9,401	799
Carpet Linoleum Soft Tile Lay	848	48
Cement Mason	1,017	69
Chief Of Party	136	25
Construction Craft Laborer	2,193	484
Construction Equipment Mech	163	26
Construction Equipment Operator	1,240	208
Correctional Officer	2,361	316
Cosmetologist	678	117
Drywall/Lather	4,893	363
Electrician Construction	6,325	783
Elevator Constructor	1,401	121
Environmental Service Worker	105	36
Fire Apparatus Engineer	954	107
Fire Engineer	698	250
Fire Fighter	430	220
Fire Fighter Ii	257	38
Fire Medic	2,129	237
Fire Officer	540	100
Firefighter Paramedic	861	163
Glazier Construction	539	62
Group Worker	160	27
Heavy Duty Repairman	123	31
Insulating Carpenter	210	22
Iron Worker Reinforcing	474	75
Iron Worker Structural	1902	246
Lawn Sprinkler Irrigation Ins	313	16
Line Erector	390	47
Line Maintainer	219	59
Lineman General Constructin (Lin	318	84
Machinist General	102	9
Meat Cutter Retail	344	90
Mill And Cabinet Maker	119	13
Millwright	474	39
Painter Decorator & Paperhang	1,249	150
Paramedic	318	85
Pile Driver Operator	402	34
Pipefitter	218	31
Plasterer	298	44
Plumber	2,562	285
Protective Signal Installer (Fire/Lif	132	-
Refrigeration & Air Cond Mech	704	80
Residential Wireman	234	40
Roofer	2,443	142
Scaffold And Shoring Erector	876	26
Sheet Metal Worker	2,017	202
Sound Technician	647	120
Sprinkler Fitter	875	47
Stationary Engineer	325	70
Steam Fitter	675	93
Surveyor Assistant Instrument	266	57
Taper	547	82
Tile Finisher	494	104
Tile Setter	381	42
Transportation System Electri	117	11

a/ A registered apprentice is an employed worker who has entered into a written agreement with an apprentice committee or a single employer sponsor whose program has been approved by the Division of Apprenticeship Standards.
b/ The occupations listed are those with 100 or more active apprentices.

Department of Industrial Relations
Division of Apprenticeship Standards
(415) 703-4920
http://www.dir.ca.gov/

TABLE C-16

REGISTERED APPRENTICES, BY ETHNIC ORIGIN
CALIFORNIA, 1999 TO 2007
(As of December 31st)

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total active apprentices	58,277	63,859	65,748	66,934	71,171	72,822	73,920	68,502	66,196
Women									
Number	5,220	4,858	4,741	4,973	5,364	4,924	4,511	3,064	3,029
Percent	9.0	7.6	7.2	7.4	7.5	6.8	6.1	4.5	4.6
By ethnic group:									
Caucasian (other than Mexican and other Spanish American)									
Number	27,891	29,876	29,807	30,392	31,230	30,832	29,773	27,682	26,715
Percent	47.9	46.8	45.3	45.4	43.9	42.3	40.3	40.4	40.4
All minorities									
Number	30,386	33,983	35,941	36,542	39,941	41,990	44,147	40,820	39,481
Percent	52.1	53.2	54.7	54.6	56.1	57.7	59.7	59.6	59.6
Mexican American and other Spanish									
Number	20,596	23,355	25,329	26,286	29,387	31,691	33,921	31,850	31,144
Percent	35.3	36.6	38.5	39.3	41.3	43.5	45.9	46.5	47.0
Black									
Number	6,110	6,664	6,656	6,232	6,446	6,155	6,176	5,233	4,813
Percent	10.5	10.4	10.1	9.3	9.1	8.5	8.4	7.6	7.3
American Indian									
Number	972	1,019	981	957	977	925	850	772	663
Percent	1.7	1.6	1.5	1.4	1.4	1.3	1.1	1.1	1.0
Asian and Pacific Islander									
Number	1,819	1,992	2,078	2,132	2,173	2,290	2,274	2,103	2,038
Percent	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Filipino									
Number	889	953	897	935	958	929	926	862	823
Percent	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.2

Department of Industrial Relations
Division of Apprenticeship Standards
(415) 703-4920
http://www.dir.ca.gov/

SECTION D
GROSS DOMESTIC PRODUCT, INCOME, AND COST OF LIVING

This section presents data on Gross Domestic Product, business and personal income, minimum wage, poverty guidelines, consumer expenditures, and the Consumer Price Index.

Gross domestic product estimates are prepared by the US Department of Commerce, Bureau of Economic Analysis on an industry or gross product originating basis, and are shown in both current and constant dollars.

Estimates of personal income received by residents of each state are prepared annually by the Regional Economic Information System, Bureau of Economic Analysis, United States Department of Commerce.

Median income data and poverty statistics are from the US Department of Commerce, Bureau of the Census and the California Department of Finance's Demographic Research Unit.

Minimum wage data is provided by the California Department of Industrial Relation's Industrial Welfare Commission.

Lower living standard income levels and poverty guidelines originated from the US Department of Labor and US Department of Health and Human Services.

The buying habits (expenditures) of households and families are derived from the Consumer Expenditure Survey conducted by the US Bureau of Labor Statistics.

Data on business and personal taxable income are compiled by the California Franchise Tax Board's Statistical Systems Bureau. It should be noted that much of the state's personal income is received by persons who had insufficient amounts of gross income and net income to necessitate their filing State returns or who are exempt from State taxation. Conversely, there are items of taxable income which are not included in the personal income concept, such as gains from the sale of assets. Therefore, the data reported on California personal income tax returns are strictly not comparable to those estimates of total personal income reported by the Department of Commerce.

The Consumer Price Index is published for three areas in California, the Los Angeles-Anaheim-Riverside CMSA (Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties), the San Francisco-Oakland-San Jose CMSA (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties), and the San Diego MSA (San Diego County). The index is also published for California and the United States.

The indexes for the United States, San Diego MSA, San Francisco-Oakland-San Jose CMSA, and Los Angeles-Anaheim-Riverside CMSA are compiled by the United States Bureau of Labor Statistics. The index for California is computed by the California Department of Industrial Relations, Division of Labor Statistics and Research, as a weighted average of the Los Angeles-Anaheim-Riverside CMSA, San Francisco-Oakland-San Jose CMSA, and from 1965-1986, San Diego MSA indexes.

TABLE D-1

CALIFORNIA GROSS DOMESTIC PRODUCT, 1963 TO 2007

(Millions of dollars)

Year	Current Dollars	2000 $	Deflator 2000=100	Annual Percent Change Cur $	2000 $	Deflator
SIC-based						
1963	$68,039	n/a	--	--	--	--
1964	73,727	n/a	--	8.4	--	--
1965	78,495	n/a	--	6.5	--	--
1966	84,925	n/a	--	8.2	--	--
1967	89,897	n/a	--	5.9	--	--
1968	99,037	n/a	--	10.2	--	--
1969	106,955	n/a	--	8.0	--	--
1970	112,298	n/a	--	5.0	--	--
1971	120,696	n/a	--	7.5	--	--
1972	133,609	n/a	--	10.7	--	--
1973	147,718	n/a	--	10.6	--	--
1974	162,261	n/a	--	9.8	--	--
1975	178,827	n/a	--	10.2	--	--
1976	197,872	n/a	--	10.6	--	--
1977	228,519	n/a	--	--	--	--
1978	261,456	n/a	--	14.4	--	--
1979	291,892	n/a	--	11.6	--	--
1980	324,407	n/a	--	11.1	--	--
1981	365,182	n/a	--	12.6	--	--
1982	389,932	n/a	--	6.8	--	--
1983	423,883	n/a	--	8.7	--	--
1984	483,246	n/a	--	14.0	--	--
1985	528,012	n/a	--	9.3	--	--
1986	568,365	n/a	--	7.6	--	--
1987	620,177	n/a	--	9.1	--	--
1988	678,774	n/a	--	9.4	--	--
1989	734,406	n/a	--	8.2	--	--
1990	788,322	$955,881	82.5	7.3	--	--
1991	801,193	937,429	85.5	1.6	(1.9)	3.6
1992	819,389	936,275	87.5	2.3	(0.1)	2.4
1993	833,656	927,133	89.9	1.7	(1.0)	2.7
1994	862,481	937,893	92.0	3.5	1.2	2.3
1995	908,963	971,314	93.6	5.4	3.6	1.8
1996	958,476	1,007,350	95.1	5.4	3.7	1.7
1997	1,028,645	1,065,590	96.5	7.3	5.8	1.5
REVISED						
NAICS-based						
1997	1,019,150	1,043,477	97.7	--	--	--
1998	1,085,884	1,108,722	97.9	6.5	6.3	0.3
1999	1,180,590	1,196,642	98.7	8.7	7.9	0.7
2000	1,287,145	1,287,145	100.0	9.0	7.6	1.4
2001	1,301,050	1,281,733	101.5	1.1	(0.4)	1.5
2002	1,340,446	1,298,750	103.2	3.0	1.3	1.7
2003	1,406,511	1,337,845	105.1	4.9	3.0	1.9
2004	1,519,443	1,406,809	108.0	8.0	5.2	2.7
2005	1,632,822	1,470,434	111.0	7.5	4.5	2.8
2006	1,742,172	1,526,176	114.2	6.7	3.8	2.8
2007	1,812,968	1,548,966	117.0	4.1	1.5	2.5

n/a Not available

Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.gov/

Department of Finance
Economic Research
(916) 322-2263

TABLE D-2

CALIFORNIA GROSS DOMESTIC PRODUCT (Millions of current dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Gross Domestic Product by State	$ 1,019,150	$ 1,085,884	$ 1,180,590	$ 1,287,145	$ 1,301,050	$ 1,340,446	$ 1,406,511	$ 1,519,443	$ 1,632,822	$ 1,742,172	$ 1,812,968
Private industries	905,335	965,937	1,055,270	1,150,900	1,155,222	1,184,559	1,241,173	1,345,844	1,450,355	1,548,869	1,607,805
Agriculture, forestry, fishing, and hunting	18,808	17,767	18,300	19,011	17,511	18,813	21,522	24,163	24,483	22,622	28,255
Crop and animal production (Farms)	13,806	12,447	12,595	12,950	11,714	12,805	15,183	17,492	17,570	15,132	n/a
Forestry, fishing, and related activities	5,003	5,321	5,705	6,061	5,796	6,008	6,339	6,671	6,913	7,490	n/a
Mining	6,895	4,393	5,417	7,651	6,522	5,871	7,000	8,484	10,828	13,816	14,326
Oil and gas extraction	5,108	2,482	3,440	5,513	3,955	3,479	4,443	5,598	7,224	8,519	n/a
Mining, except oil and gas	1,121	1,207	1,340	1,327	1,358	1,397	1,390	1,556	1,732	2,097	n/a
Support activities for mining	666	704	637	811	1,209	995	1,167	1,330	1,872	3,199	n/a
Utilities	17,294	17,357	19,042	18,838	15,518	21,695	23,512	25,452	27,147	30,207	31,841
Construction	36,325	41,672	46,606	51,716	57,186	58,595	61,177	69,431	80,252	80,586	69,743
Manufacturing	133,431	148,245	160,062	182,992	154,712	139,774	141,171	147,108	162,475	171,791	179,022
Durable goods	89,538	100,663	110,827	128,792	100,590	90,193	87,175	87,224	94,681	98,624	102,707
Wood product manufacturing	2,228	2,096	2,353	2,221	2,163	2,231	2,372	2,552	2,551	2,507	n/a
Nonmetallic mineral product manufacturing	3,351	3,650	3,887	3,862	3,848	4,110	3,978	4,684	4,739	4,902	n/a
Primary metal manufacturing	2,091	2,127	2,208	2,673	2,112	2,008	2,040	2,508	2,733	2,965	n/a
Fabricated metal product manufacturing	10,025	10,379	10,708	11,829	10,902	9,515	9,334	10,048	11,007	11,563	n/a
Machinery manufacturing	7,333	7,699	9,586	12,908	9,130	7,553	7,489	8,762	7,811	8,658	n/a
Computer and electronic product manufacturing	40,470	46,466	52,760	66,848	42,990	35,159	32,545	29,442	35,172	34,833	n/a
Electrical equipment and appliance manufacturing	3,212	3,185	3,771	5,686	3,601	3,602	3,151	3,101	3,000	2,923	n/a
Motor vehicle, body, trailer, and parts manufacturing	2,151	2,296	2,648	2,958	3,078	3,099	3,023	2,720	2,374	2,465	n/a
Other transportation equipment manufacturing	8,754	11,134	10,278	5,584	9,716	9,781	9,035	9,285	10,698	12,500	n/a
Furniture and related product manufacturing	2,809	3,083	3,346	3,464	3,329	3,305	3,483	3,146	3,124	3,189	n/a
Miscellaneous manufacturing	7,115	8,546	9,281	10,760	9,721	9,829	10,728	10,975	11,472	12,117	n/a
Nondurable goods	43,894	47,582	49,235	54,200	54,122	49,580	53,996	59,883	67,794	73,167	76,315
Food product manufacturing	12,294	12,411	14,371	14,675	15,751	17,120	16,430	15,339	15,867	16,359	n/a
Textile and textile product mills	1,142	1,241	1,401	1,558	1,278	1,229	1,337	1,414	1,230	1,189	n/a
Apparel manufacturing	4,308	4,596	4,866	5,055	4,711	4,352	4,092	4,081	4,046	4,764	n/a
Paper manufacturing	2,475	2,482	2,687	2,694	2,282	2,413	2,231	2,247	2,262	2,743	n/a
Printing and related support activities	4,808	5,128	5,204	5,242	4,862	4,666	4,553	4,475	4,226	4,282	n/a
Petroleum and coal products manufacturing	6,863	9,067	5,025	6,670	7,342	4,893	6,813	9,065	16,441	19,493	n/a
Chemical manufacturing	7,500	7,910	10,831	13,591	13,717	10,503	14,164	18,420	19,120	19,198	n/a
Plastics and rubber products manufacturing	4,504	4,747	4,849	4,717	4,179	4,404	4,375	4,842	4,601	5,140	n/a
Wholesale trade	64,436	67,320	71,625	74,172	76,764	77,917	79,946	84,265	91,182	98,782	104,096
Retail trade	73,177	76,565	82,926	89,006	92,817	97,642	101,625	106,978	111,957	120,220	125,744
Transportation and warehousing, excluding Postal Service	27,522	29,210	30,691	32,548	31,522	32,600	33,494	37,004	37,673	40,783	41,957
Air transportation	6,137	6,253	6,353	6,747	5,362	5,316	5,198	5,220	4,533	5,501	n/a
Rail transportation	832	975	948	999	937	815	931	874	985	1,132	n/a
Water transportation	793	589	637	787	814	730	911	911	770	724	n/a
Truck transportation	7,858	8,365	8,796	9,084	9,113	9,366	9,592	10,929	11,189	11,740	n/a
Transit and ground passenger transportation	1,358	1,441	1,502	1,537	1,618	1,691	1,661	1,723	1,740	1,810	n/a
Pipeline transportation	489	463	383	267	370	734	671	802	634	872	n/a
Other transportation and support activities	7,573	8,408	9,028	9,900	10,184	10,696	11,163	12,744	13,690	14,622	n/a
Warehousing and storage	2,483	2,716	3,044	3,228	3,122	3,253	3,367	3,801	4,132	4,381	n/a

TABLE D-2 (Continued)

CALIFORNIA GROSS DOMESTIC PRODUCT (Millions of current dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Information	51,690	56,131	75,248	81,244	82,133	82,811	83,245	94,365	99,767	104,292	112,554
Publishing including software	8,745	9,988	13,417	17,718	17,574	16,416	16,598	18,420	19,764	20,893	n/a
Motion picture and sound recording industries	15,129	15,330	18,550	19,858	20,663	23,648	22,981	24,725	25,087	25,618	n/a
Broadcasting and telecommunications	24,760	26,987	36,584	35,088	36,437	35,545	35,341	39,734	41,979	43,748	n/a
Information and data processing services	3,055	3,825	6,696	8,580	7,458	7,201	8,325	11,486	12,938	14,033	n/a
Finance and insurance	56,693	63,675	68,151	74,128	83,604	91,701	96,875	103,624	115,993	123,887	120,546
Federal Reserve banks, credit intermediation and related servic	25,951	29,199	31,984	33,406	40,055	49,745	53,145	56,541	65,703	68,846	n/a
Securities, commodity contracts, investments	11,522	14,208	15,151	18,463	20,509	17,661	16,570	17,791	20,643	23,355	n/a
Insurance carriers and related activities	17,694	18,815	19,276	20,356	20,815	22,065	24,959	26,602	26,131	28,176	n/a
Funds, trusts, and other financial vehicles	1,526	1,454	1,739	1,904	2,225	2,230	2,201	2,691	3,517	3,510	n/a
Real estate and rental and leasing	156,901	165,306	178,033	189,975	199,852	208,719	224,881	250,764	272,636	293,958	301,209
Real estate	145,444	153,166	164,376	174,532	184,839	194,864	210,863	237,574	259,189	279,984	n/a
Rental and leasing services and lessors of intangible assets	11,457	12,139	13,656	15,443	15,014	13,856	14,018	13,191	13,447	13,973	n/a
Professional and technical services	80,795	85,187	93,460	109,326	110,325	108,938	113,362	121,837	132,118	145,912	159,087
Legal services	16,881	17,387	18,361	19,991	21,668	21,795	22,633	24,734	25,839	27,308	n/a
Computer systems design and related services	12,955	14,465	17,104	22,746	21,818	20,060	19,848	20,354	21,582	23,521	n/a
Other professional, scientific and technical services	50,959	53,334	57,995	66,589	66,839	67,083	70,881	76,748	84,697	95,083	n/a
Management of companies and enterprises	23,886	26,486	29,128	33,177	25,038	22,904	23,294	27,057	26,553	26,686	26,928
Administrative and waste services	33,803	35,473	38,452	38,450	40,217	41,563	44,245	46,113	48,767	52,703	56,116
Administrative and support services	31,223	32,745	35,661	35,601	37,303	38,491	40,869	42,426	45,023	48,698	n/a
Waste management and remediation services	2,580	2,728	2,791	2,849	2,915	3,072	3,376	3,688	3,744	4,005	n/a
Educational services	6,449	6,961	7,629	8,380	9,026	10,254	11,154	12,136	12,832	13,603	14,658
Health care and social assistance	54,400	56,876	60,053	63,867	70,953	78,292	84,218	90,526	95,266	101,926	108,831
Ambulatory health care services	31,818	32,273	33,655	35,564	39,387	42,919	44,850	47,646	50,917	54,523	n/a
Hospitals and nursing and residential care facilities	18,466	20,087	21,190	22,444	24,847	28,037	31,634	34,908	36,153	38,737	n/a
Social assistance	4,117	4,516	5,209	5,858	6,719	7,335	7,734	7,972	8,195	8,667	n/a
Arts, entertainment, and recreation	12,145	12,223	13,030	14,443	15,851	17,045	18,471	19,833	20,397	21,743	22,135
Performing arts, museums, and related activities	7,508	7,545	7,901	8,725	9,282	10,183	11,513	12,490	12,699	13,679	n/a
Amusement, gambling, and recreation	4,637	4,678	5,129	5,717	6,569	6,862	6,958	7,344	7,697	8,064	n/a
Accommodation and food services	25,671	28,042	29,793	32,155	33,333	35,693	37,252	40,904	42,731	46,428	49,623
Accommodation	7,910	8,611	9,015	9,719	9,506	9,764	9,958	11,374	11,920	12,911	n/a
Food services and drinking places	17,761	19,431	20,778	22,436	23,827	25,929	27,294	29,529	30,811	33,517	n/a
Other services, except government	25,014	27,050	27,625	29,821	32,340	33,731	34,730	35,801	37,297	38,926	41,135
Government	113,815	119,947	125,320	136,245	145,827	155,887	165,338	173,599	182,467	193,303	205,163
Federal civilian	19,077	19,005	19,389	20,025	19,704	21,205	22,160	23,214	23,750	24,516	n/a
Federal military	10,272	10,195	10,296	10,799	11,472	12,515	14,244	15,609	16,303	17,062	n/a
State and local	84,466	90,747	95,635	105,421	114,651	122,167	128,933	134,775	142,414	151,726	n/a

Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/ n/a Not available
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-3

CALIFORNIA GROSS DOMESTIC PRODUCT (Millions of constant dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Gross Domestic Product by State	$ 1,043,477	$ 1,108,722	$ 1,196,642	$ 1,287,145	$ 1,281,733	$ 1,298,750	$ 1,337,845	$ 1,406,809	$ 1,470,434	$ 1,526,176	$ 1,548,966
Private industries	919,410	980,736	1,066,833	1,150,900	1,141,094	1,155,071	1,192,873	1,262,260	1,326,142	1,380,649	1,399,905
Agriculture, forestry, fishing, and hunting	14,932	14,852	17,110	19,011	16,597	19,182	19,845	19,342	22,391	21,256	21,583
Crop and animal production (Farms)	10,083	9,715	11,516	12,950	10,509	12,674	13,068	12,529	15,152	13,844	n/a
Forestry, fishing, and related activities	4,808	5,185	5,598	6,061	6,158	6,515	6,791	6,898	7,135	7,386	n/a
Mining	10,169	7,879	8,458	7,651	6,297	5,868	5,163	5,297	5,009	5,834	5,762
Oil and gas extraction	8,650	6,395	6,669	5,513	4,238	4,544	3,699	3,704	3,346	3,822	n/a
Mining, except oil and gas	943	1,094	1,302	1,327	1,292	1,258	1,224	1,233	1,202	1,282	n/a
Support activities for mining	773	655	655	811	732	408	418	482	532	705	n/a
Utilities	16,613	16,442	18,404	18,838	13,807	19,638	21,444	22,473	22,569	22,396	22,972
Construction	43,751	47,107	49,672	51,716	53,178	52,009	51,695	54,125	56,990	51,893	44,196
Manufacturing	105,233	126,349	148,452	182,992	163,880	155,016	159,201	169,395	181,766	191,590	198,591
Durable goods	61,712	78,410	97,395	128,792	113,612	106,422	108,735	113,317	127,002	137,393	147,278
Wood product manufacturing	2,333	2,137	2,244	2,221	2,134	2,224	2,248	2,091	2,125	2,194	n/a
Nonmetallic mineral product manufacturing	3,602	3,807	3,888	3,862	3,875	4,073	3,986	4,580	4,307	3,951	n/a
Primary metal manufacturing	1,955	1,975	2,247	2,673	2,220	2,113	2,250	2,245	2,137	1,927	n/a
Fabricated metal product manufacturing	10,524	10,534	10,571	11,829	10,649	9,248	9,180	9,630	10,056	10,500	n/a
Machinery manufacturing	7,671	7,860	9,525	12,908	8,886	7,301	7,277	8,780	7,658	8,411	n/a
Computer and electronic product manufacturing	17,394	26,999	40,648	66,848	57,106	52,604	56,312	58,412	79,847	91,247	n/a
Electrical equipment and appliance manufacturing	3,277	3,174	3,757	5,686	3,549	3,606	3,236	3,165	2,991	2,736	n/a
Motor vehicle, body, trailer, and parts manufacturing	2,197	2,359	2,630	2,958	3,105	3,324	3,336	3,191	3,110	3,665	n/a
Other transportation equipment manufacturing	9,751	12,007	10,783	5,584	9,161	9,020	8,036	8,037	8,983	10,167	n/a
Furniture and related product manufacturing	3,037	3,200	3,403	3,464	3,205	3,107	3,271	3,071	2,946	2,939	n/a
Miscellaneous manufacturing	7,366	8,629	9,206	10,760	9,385	9,232	10,076	10,519	11,093	11,816	n/a
Nondurable goods	46,766	49,855	51,786	54,200	50,116	48,262	50,006	54,931	55,353	56,296	55,771
Food product manufacturing	14,223	13,816	14,511	14,675	14,703	15,219	14,816	14,233	14,519	15,591	n/a
Textile and textile product mills	1,140	1,201	1,355	1,558	1,212	1,197	1,365	1,420	1,248	1,162	n/a
Apparel manufacturing	4,438	4,654	4,798	5,055	4,694	4,395	4,143	4,204	4,226	4,984	n/a
Paper manufacturing	3,074	2,856	3,028	2,694	2,275	2,438	2,311	2,394	2,390	2,741	n/a
Printing and related support activities	5,088	5,264	5,237	5,242	4,697	4,448	4,373	4,371	4,147	4,150	n/a
Petroleum and coal products manufacturing	7,693	10,792	7,508	6,670	5,266	6,058	5,341	6,356	7,187	7,213	n/a
Chemical manufacturing	7,558	7,724	10,828	13,591	13,356	10,269	13,381	16,921	16,352	15,525	n/a
Plastics and rubber products manufacturing	4,503	4,659	4,743	4,717	4,048	4,226	4,302	4,914	4,587	4,576	n/a
Wholesale trade	62,645	70,012	73,662	74,172	80,057	80,956	81,967	81,769	85,456	89,408	90,715
Retail trade	72,636	76,590	82,717	89,006	95,101	98,242	101,729	106,293	112,841	121,918	127,985
Transportation and warehousing, excluding Postal Service	29,137	29,694	30,861	32,548	31,223	32,307	32,483	35,942	36,772	38,635	39,216
Air transportation	5,896	5,798	6,120	6,747	6,121	6,903	6,750	8,024	7,991	9,083	n/a
Rail transportation	852	971	954	999	909	761	851	764	763	995	n/a
Water transportation	886	633	632	787	751	590	558	580	510	474	n/a
Truck transportation	8,794	8,826	9,000	9,084	8,588	8,569	8,665	9,551	9,559	9,740	n/a
Transit and ground passenger transportation	1,454	1,493	1,536	1,537	1,553	1,576	1,480	1,507	1,491	1,511	n/a
Pipeline transportation	382	348	321	267	336	612	632	796	783	879	n/a
Other transportation and support activities	8,209	8,793	9,226	9,900	9,901	10,289	10,402	11,561	12,155	12,657	n/a
Warehousing and storage	2,639	2,831	3,075	3,228	3,036	3,106	3,203	3,451	3,760	3,917	n/a

TABLE D-3 (Continued)

CALIFORNIA GROSS DOMESTIC PRODUCT (Millions of constant dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Information	52,735	57,204	75,982	81,244	81,123	81,728	83,688	96,461	104,284	110,545	120,250
Publishing including software	9,008	10,419	13,700	17,718	17,133	15,923	16,635	19,196	20,646	21,593	n/a
Motion picture and sound recording industries	17,969	17,798	19,879	19,858	19,622	21,769	21,697	22,621	22,336	22,336	n/a
Broadcasting and telecommunications	23,107	25,523	35,786	35,088	37,198	37,186	37,431	43,416	48,762	52,580	n/a
Information and data processing services	3,220	3,817	6,608	8,580	7,226	6,816	7,846	11,247	12,984	14,845	n/a
Finance and insurance	56,521	63,053	67,939	74,128	82,616	88,174	92,055	94,926	104,289	109,722	104,617
Federal Reserve banks, credit intermediation and related servic	30,235	32,145	34,104	33,406	38,483	45,423	47,619	49,329	56,043	56,374	n/a
Securities, commodity contracts, investments	6,795	9,762	12,302	18,463	22,453	20,203	20,237	21,429	25,241	29,688	n/a
Insurance carriers and related activities	18,964	19,724	19,916	20,356	20,327	20,885	21,969	21,775	20,643	22,025	n/a
Funds, trusts, and other financial vehicles	5,043	3,150	2,360	1,904	1,557	1,373	1,653	1,940	2,516	2,794	n/a
Real estate and rental and leasing	170,924	175,649	184,110	189,975	192,903	195,072	204,292	222,557	236,408	248,133	247,070
Real estate	159,317	162,800	169,772	174,532	177,884	180,992	190,631	209,926	224,054	235,511	n/a
Rental and leasing services and lessors of intangible assets	11,631	12,839	14,333	15,443	15,006	13,998	13,493	12,311	11,969	12,206	n/a
Professional and technical services	84,572	88,291	94,983	109,326	107,274	103,429	107,690	115,550	121,747	131,316	139,316
Legal services	18,921	18,648	19,119	19,991	20,496	19,823	19,825	20,429	20,091	20,015	n/a
Computer systems design and related services	13,668	15,534	17,839	22,746	21,510	20,104	20,315	21,376	22,670	24,309	n/a
Other professional, scientific and technical services	51,991	54,095	58,020	66,589	65,249	63,462	67,521	73,787	79,310	87,707	n/a
Management of companies and enterprises	30,985	31,085	31,713	33,177	25,360	23,095	22,701	23,348	20,571	19,566	18,433
Administrative and waste services	39,292	39,297	40,793	38,450	38,129	38,490	40,839	41,129	41,998	43,402	45,490
Administrative and support services	36,637	36,552	38,021	35,601	35,344	35,671	37,807	38,058	38,777	40,197	n/a
Waste management and remediation services	2,667	2,747	2,780	2,849	2,785	2,819	3,031	3,069	3,216	3,202	n/a
Educational services	7,575	7,784	8,087	8,380	8,391	8,924	9,365	9,606	9,627	9,721	10,114
Health care and social assistance	60,490	60,903	62,248	63,867	67,453	72,130	75,698	78,944	80,896	84,587	87,622
Ambulatory health care services	34,309	33,827	34,431	35,564	37,911	40,704	41,751	43,369	45,462	48,150	n/a
Hospitals and nursing and residential care facilities	21,371	22,098	22,321	22,444	23,088	24,497	26,583	27,955	27,757	28,543	n/a
Social assistance	4,764	4,975	5,499	5,858	6,464	6,952	7,304	7,526	7,716	8,018	n/a
Arts, entertainment, and recreation	13,941	13,599	13,720	14,443	15,136	15,738	16,557	17,206	17,057	17,553	17,340
Performing arts, museums, and related activities	8,819	8,587	8,406	8,725	8,834	9,359	10,202	10,636	10,323	10,700	n/a
Amusement, gambling, and recreation	5,134	5,024	5,316	5,717	6,304	6,379	6,347	6,561	6,739	6,851	n/a
Accommodation and food services	27,539	29,650	30,666	32,155	32,097	33,014	34,140	36,329	36,649	38,293	39,519
Accommodation	8,947	9,240	9,310	9,719	9,275	9,499	9,565	10,361	10,346	10,903	n/a
Food services and drinking places	18,613	20,413	21,356	22,436	22,818	23,510	24,551	25,953	26,284	27,373	n/a
Other services, except government	28,826	29,900	29,128	29,821	30,176	30,196	30,180	30,179	29,720	29,582	30,367
Government	124,676	128,355	129,863	136,245	140,579	143,571	145,076	145,422	145,989	147,851	151,186
Federal civilian	20,946	20,732	20,306	20,025	19,220	19,428	19,254	18,807	18,463	18,316	n/a
Federal military	11,212	10,960	10,693	10,799	11,020	11,087	11,625	11,964	11,515	11,400	n/a
State and local	92,551	96,685	98,873	105,421	110,329	113,050	114,169	114,609	116,055	118,239	n/a

Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/ n/a Not available
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-4

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1969 TO 2007 a/
(In millions)

Year	Wages and salaries	Supplements to wages and salaries b/	Proprietors' income		Property income	Personal current transfer receipts c/	Less: Contributions for govt. social insurance	Residence adjustment	Total personal income
			Farm	Nonfarm					
1969	$57,934	$6,606	$944	$8,037	$13,099	$7,616	$4,830	($132)	$89,273
1970	61,261	7,229	908	8,272	14,479	9,300	5,020	(116)	96,313
1971	63,953	7,992	887	8,917	15,564	10,694	5,452	(126)	102,428
1972	69,888	9,322	1,304	10,043	16,654	11,520	6,337	(129)	112,265
1973	76,915	11,012	1,945	10,864	18,638	12,757	7,979	(116)	124,037
1974	84,435	12,757	2,414	11,887	21,263	15,116	9,020	(131)	138,721
1975	90,880	14,841	1,860	13,379	23,200	18,992	9,606	(21)	153,525
1976	100,692	17,799	1,895	16,083	25,082	20,987	10,984	82	171,635
1977	112,635	21,263	1,926	17,659	28,417	22,278	12,566	(70)	191,542
1978	128,887	24,915	1,953	20,282	33,545	24,086	14,800	(80)	218,788
1979	147,014	28,849	2,873	22,185	40,390	26,465	17,658	(57)	250,061
1980	164,267	32,912	3,806	23,014	49,064	30,727	19,245	(90)	284,455
1981	182,613	37,233	2,612	23,292	60,883	36,159	23,075	248	319,962
1982	193,393	40,343	2,572	23,874	66,508	39,630	24,980	253	341,593
1983	207,117	44,302	2,257	27,894	72,635	42,324	27,658	261	369,132
1984	230,150	50,491	2,871	33,905	83,619	44,168	32,083	235	413,355
1985	251,202	54,934	2,851	36,820	89,931	47,760	35,345	182	448,335
1986	270,565	58,786	3,402	39,532	94,051	51,300	38,927	123	478,832
1987	295,606	62,856	4,558	43,218	98,032	53,520	42,578	40	515,252
1988	320,537	67,619	4,622	49,963	105,733	57,261	47,865	(3)	557,867
1989	343,485	72,908	4,300	49,590	119,685	62,706	51,198	(20)	601,456
1990	368,315	78,105	4,220	54,140	129,702	68,901	55,042	(79)	648,263
1991	372,609	81,233	3,180	56,571	129,807	76,651	57,255	(69)	662,728
1992	383,092	85,533	3,901	66,016	128,895	88,629	59,325	(71)	696,670
1993	383,778	89,398	4,636	68,669	128,042	93,558	60,172	(3)	707,906
1994	393,792	90,699	4,352	70,843	135,370	97,650	62,187	12	730,529
1995	414,093	90,417	3,601	76,009	145,317	100,414	64,041	(3)	765,806
1996	439,693	89,714	4,106	81,840	155,712	105,530	66,134	(13)	810,448
1997	474,357	93,242	4,524	86,972	166,048	105,900	70,388	(110)	860,545
1998	516,767	99,518	3,740	99,433	181,283	111,160	75,771	(120)	936,009
1999	565,281	107,058	3,931	105,821	182,484	117,142	82,306	(183)	999,228
2000	637,401	119,427	2,784	114,510	199,052	122,290	91,271	(351)	1,103,842
2001	645,607	125,236	1,793	117,887	204,379	136,531	95,774	(354)	1,135,304
2002	641,984	139,571	2,739	120,254	195,208	146,955	98,694	(303)	1,147,716
2003	659,801	152,879	3,987	123,927	195,345	155,404	103,993	(309)	1,187,040
2004	698,971	170,044	4,386	133,406	209,609	162,957	113,080	(322)	1,265,970
2005	736,632	181,140	3,303	142,724	228,279	169,900	118,877	(269)	1,342,832
2006	784,176	185,118	1,921	152,178	262,537	183,068	123,488	(194)	1,445,316
2007	825,533	190,523	3,842	145,542	287,750	193,709	126,854	(170)	1,519,875

a/ The state personal income estimates incorporate newly available state-level source data.
b/ Formerly labeled "Other Labor Income"
c/ Formerly labeled "Transfer Payments"
Note: Detail may not add due to rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/ (September 18, 2008 Release)

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE D-5

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1990 TO 2007 a.
(In millions)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Wages and salaries b/ c/	$368,315	$372,609	$383,092	$383,778	$393,792	$414,093	$439,693	$474,357	$516,767	$565,281	$637,401	$645,607	$641,984	$659,801	$698,971	$736,632	$784,176	$825,533
Farm	2,566	2,498	2,376	2,530	2,646	3,019	3,434	3,622	3,848	4,324	4,420	4,457	4,115	3,991	4,445	4,804	4,744	4,458
Natural resources and mining	--	--	--	--	--	--	--	--	--	--	--	5,631	5,607	5,789	6,315	6,612	7,245	7,934
Utilities	--	--	--	--	--	--	--	--	--	--	--	3,776	3,844	4,100	4,627	4,814	5,213	5,403
Construction	--	--	--	--	--	--	--	--	--	--	--	33,839	34,045	34,849	38,643	42,872	46,654	47,595
Manufacturing	--	--	--	--	--	--	--	--	--	--	--	91,927	83,821	83,017	86,371	90,372	94,913	96,929
Trade	--	--	--	--	--	--	--	--	--	--	--	78,305	78,684	80,610	84,231	89,021	94,142	99,179
Transportation and warehousing	--	--	--	--	--	--	--	--	--	--	--	17,559	17,284	17,161	18,026	18,498	19,683	20,512
Information	--	--	--	--	--	--	--	--	--	--	--	40,150	35,719	35,288	39,266	40,106	41,676	43,201
Finance and insurance	--	--	--	--	--	--	--	--	--	--	--	43,112	43,640	46,861	51,533	55,859	58,274	59,029
Real estate and rental and leasing	--	--	--	--	--	--	--	--	--	--	--	10,290	10,628	11,430	12,355	13,369	14,534	14,657
Professional and technical services	--	--	--	--	--	--	--	--	--	--	--	67,558	63,842	65,058	68,223	74,659	83,147	91,279
Management of companies and enterprises	--	--	--	--	--	--	--	--	--	--	--	18,813	16,866	16,647	17,676	17,359	17,875	18,671
Administrative and waste services	--	--	--	--	--	--	--	--	--	--	--	25,847	25,750	26,137	27,936	29,437	31,855	34,004
Private educational services	--	--	--	--	--	--	--	--	--	--	--	7,330	8,114	8,747	9,305	9,809	10,434	11,183
Health care and social assistance	--	--	--	--	--	--	--	--	--	--	--	44,666	48,908	52,221	55,608	58,874	63,313	68,054
Arts, entertainment, and recreation	--	--	--	--	--	--	--	--	--	--	--	8,951	9,490	10,511	11,153	11,288	12,057	12,579
Accomodation and food services	--	--	--	--	--	--	--	--	--	--	--	18,405	19,170	19,982	21,610	22,812	24,530	26,306
Other services, except public administration	--	--	--	--	--	--	--	--	--	--	--	17,975	18,963	19,753	20,705	21,139	22,094	23,406
Government	66,419	70,807	73,568	73,448	75,238	77,211	78,597	81,741	86,309	90,861	98,829	107,017	113,494	117,650	120,944	124,930	131,793	141,153
Federal civilian	10,774	11,157	11,715	11,888	12,182	11,979	11,901	11,806	12,075	12,226	12,882	12,428	13,268	13,841	14,547	15,174	15,254	15,741
Military	7,429	7,722	7,761	7,418	6,773	6,346	5,948	5,697	5,658	5,728	5,981	6,475	7,103	7,984	8,604	8,895	9,219	9,612
State and local	48,216	51,928	54,092	54,142	56,283	58,886	60,748	64,238	68,576	72,907	79,966	88,114	93,123	95,825	97,792	100,860	107,320	115,799
Supplements to wages and salaries b/ e/	78,105	81,233	85,533	89,398	90,699	90,417	89,714	93,242	99,518	107,058	119,427	125,236	139,571	152,879	170,044	181,140	185,118	190,523
Proprietors' income b/	58,360	59,751	69,917	73,305	75,195	79,609	85,947	91,496	103,172	109,752	117,294	119,680	122,993	127,913	137,791	146,027	154,099	149,384
Farm	4,220	3,180	3,901	4,636	4,352	3,601	4,106	4,524	3,740	3,931	2,784	1,793	2,739	3,987	4,386	3,303	1,921	3,842
Nonfarm	54,140	56,571	66,016	68,669	70,843	76,009	81,840	86,972	99,433	105,821	114,510	117,887	120,254	123,927	133,406	142,724	152,178	145,542
Property income d/	129,702	129,807	128,895	128,042	135,370	145,317	155,712	166,048	181,283	182,484	199,052	204,379	195,208	195,345	209,609	228,279	262,537	287,750
Dividends	19,959	21,204	21,621	22,912	25,820	28,297	34,333	39,772	42,749	42,548	47,540	47,342	50,232	53,856	69,756	75,357	98,101	109,562
Interest	99,679	97,225	91,077	86,378	88,001	94,049	96,377	101,956	112,644	111,880	123,438	126,406	117,016	116,381	115,869	139,084	156,491	172,350
Rent	10,065	11,378	16,198	18,752	21,548	22,971	25,001	24,320	25,890	28,056	28,073	30,630	27,960	25,109	23,985	13,838	7,945	5,838
Personal current transfer receipts d/ f/	68,901	76,651	88,629	93,558	97,650	100,414	105,530	105,900	111,160	117,142	122,290	136,531	146,955	155,404	162,957	169,900	183,068	193,709
Less: Contributions for government social insurance b/	55,042	57,255	59,325	60,172	62,187	64,041	66,134	70,388	75,771	82,306	91,271	95,774	98,694	103,993	113,080	118,877	123,488	126,854
Residence adjustment	(79)	(69)	(71)	(3)	12	(3)	(13)	(110)	(120)	(183)	(351)	(354)	(303)	(309)	(322)	(269)	(194)	(170)
Total personal income d/	648,263	662,728	696,670	707,906	730,529	765,806	810,448	860,545	936,009	999,228	1,103,842	1,135,304	1,147,716	1,187,040	1,265,970	1,342,832	1,445,316	1,519,875

a/ The state personal income estimates incorporate newly available state-level source data.
b/ Place of work
c/ The estimates for 2001 forward are presented using the North American Industry Classification System (NAICS). Estimates for 1969 through 2000 will remain in the Standard Industrial Classification (SIC) coding for industry detail.
d/ Place of residence
e/ Formerly labeled "Other Labor Income"
f/ Formerly labeled "Transfer Payments"
Note: Detail may not add to total because of rounding.
Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/ (September 18, 2008 Release)

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TABLE D-6

TOTAL PERSONAL INCOME AND
PER CAPITA PERSONAL INCOME,
CALIFORNIA, 1969 TO 2007 a/

Year	Total ($ mill.)	Percent change	Percent of U.S.	Per capita (Dollars)	Percent change	Percent of U.S.
1969	$89,273	--	11.6%	$4,529	--	118.1%
1970	96,313	7.9%	11.6%	4,810	6.2%	117.7%
1971	102,428	6.3%	11.4%	5,034	4.7%	115.9%
1972	112,265	9.6%	11.4%	5,454	8.3%	115.6%
1973	124,037	10.5%	11.2%	5,944	9.0%	113.6%
1974	138,721	11.8%	11.4%	6,552	10.2%	114.8%
1975	153,525	10.7%	11.5%	7,129	8.8%	115.5%
1976	171,635	11.8%	11.7%	7,825	9.8%	115.9%
1977	191,542	11.6%	11.8%	8,570	9.5%	115.7%
1978	218,788	14.2%	11.9%	9,580	11.8%	116.2%
1979	250,061	14.3%	12.2%	10,753	12.2%	117.6%
1980	284,455	13.8%	12.4%	11,951	11.1%	118.2%
1981	319,962	12.5%	12.4%	13,175	10.2%	117.2%
1982	341,593	6.8%	12.4%	13,763	4.5%	115.3%
1983	369,132	8.1%	12.5%	14,556	5.8%	115.4%
1984	413,355	12.0%	12.6%	15,994	9.9%	115.1%
1985	448,335	8.5%	12.8%	16,956	6.0%	114.9%
1986	478,832	6.8%	12.9%	17,668	4.2%	114.4%
1987	515,252	7.6%	13.1%	18,549	5.0%	114.2%
1988	557,867	8.3%	13.2%	19,599	5.7%	113.1%
1989	601,456	7.8%	13.2%	20,585	5.0%	111.2%
1990	648,263	7.8%	13.3%	21,638	5.1%	111.1%
1991	662,728	2.2%	13.2%	21,750	0.5%	109.3%
1992	696,670	5.1%	13.0%	22,492	3.4%	107.9%
1993	707,906	1.6%	12.8%	22,635	0.6%	106.0%
1994	730,529	3.2%	12.5%	23,203	2.5%	104.7%
1995	765,806	4.8%	12.5%	24,161	4.1%	104.7%
1996	810,448	5.8%	12.4%	25,312	4.8%	104.7%
1997	860,545	6.2%	12.5%	26,490	4.7%	104.6%
1998	936,009	8.8%	12.6%	28,374	7.1%	105.5%
1999	999,228	6.8%	12.8%	29,828	5.1%	106.8%
2000	1,103,842	10.5%	13.1%	32,462	8.8%	108.8%
2001	1,135,304	2.9%	13.0%	32,883	1.3%	107.6%
2002	1,147,716	1.1%	12.9%	32,826	-0.2%	106.5%
2003	1,187,040	3.4%	13.0%	33,554	2.2%	106.5%
2004	1,265,970	6.6%	13.0%	35,440	5.6%	107.0%
2005	1,342,832	6.1%	13.1%	37,311	5.3%	107.7%
2006	1,445,316	7.6%	13.2%	39,871	6.9%	108.5%
2007	1,519,875	5.2%	13.1%	41,580	4.3%	107.8%

a/ The state personal income estimates incorporate newly available state-level source data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/ (September 18, 2008 Relea

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TABLE D-7

TOTAL DISPOSABLE PERSONAL INCOME AND
PER CAPITA DISPOSABLE PERSONAL INCOME
CALIFORNIA, 1969 TO 2007 a/

Year	Total ($ mill.)	Percent change	Per capita (Dollars)	Percent change
1969	$78,022	--	$3,958	--
1970	85,592	9.7%	4,275	8.0%
1971	92,081	7.6%	4,526	5.9%
1972	99,107	7.6%	4,815	6.4%
1973	110,562	11.6%	5,298	10.0%
1974	123,209	11.4%	5,819	9.8%
1975	138,073	12.1%	6,411	10.2%
1976	152,928	10.8%	6,972	8.8%
1977	169,618	10.9%	7,589	8.8%
1978	192,518	13.5%	8,429	11.1%
1979	218,733	13.6%	9,406	11.6%
1980	248,544	13.6%	10,443	11.0%
1981	280,184	12.7%	11,537	10.5%
1982	301,227	7.5%	12,136	5.2%
1983	326,416	8.4%	12,871	6.1%
1984	365,614	12.0%	14,147	9.9%
1985	394,435	7.9%	14,918	5.4%
1986	421,390	6.8%	15,548	4.2%
1987	448,371	6.4%	16,142	3.8%
1988	489,650	9.2%	17,202	6.6%
1989	522,976	6.8%	17,899	4.1%
1990	565,376	8.1%	18,871	5.4%
1991	583,635	3.2%	19,154	1.5%
1992	618,161	5.9%	19,957	4.2%
1993	627,594	1.5%	20,067	0.6%
1994	646,814	3.1%	20,544	2.4%
1995	673,964	4.2%	21,263	3.5%
1996	704,752	4.6%	22,011	3.5%
1997	740,458	5.1%	22,793	3.6%
1998	800,228	8.1%	24,258	6.4%
1999	840,397	5.0%	25,087	3.4%
2000	908,421	8.1%	26,715	6.5%
2001	949,844	4.6%	27,511	3.0%
2002	1,001,232	5.4%	28,636	4.1%
2003	1,044,737	4.3%	29,532	3.1%
2004	1,115,556	6.8%	31,229	5.7%
2005	1,166,007	4.5%	32,398	3.7%
2006	1,247,072	7.0%	34,402	6.2%
2007	1,303,723	4.5%	35,666	3.7%

a/ The state personal income estimates incorporate newly available state-level source data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis
http://www.bea.doc.gov/ (September 18, 2008 Release)

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TABLE D-8

PERSONAL INCOME BY COUNTY, CALIFORNIA, 1996 TO 2006
(In millions)

County	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2006 Rank
Total a/	$810,448.3	$860,544.9	$936,008.7	$999,228.2	$1,103,841.9	$1,135,304.1	$1,147,715.7	$1,187,040.1	$1,265,970.4	$1,348,255.2	$1,436,445.9	
Alameda	38,094.2	40,665.2	44,390.5	48,316.8	55,790.8	56,121.7	55,316.8	56,424.1	59,339.2	62,166.5	66,325.3	5
Alpine	24.4	25.7	27.1	28.9	31.9	31.9	32.7	34.3	37.8	37.7	39.2	58
Amador	661.6	669.9	718.7	756.9	837.0	894.3	951.8	994.4	1,094.6	1,129.3	1,204.0	46
Butte	3,669.5	3,891.0	4,099.9	4,275.3	4,570.6	4,798.1	4,899.3	5,085.4	5,496.3	5,744.1	6,099.7	28
Calaveras	740.7	789.6	857.8	907.6	1,007.9	1,067.9	1,110.0	1,178.2	1,264.5	1,320.6	1,397.4	44
Colusa	408.1	411.8	391.4	455.4	440.9	444.9	454.2	518.7	548.6	536.1	531.5	52
Contra Costa	29,354.3	31,960.2	34,585.6	37,126.3	42,417.9	43,472.3	43,304.6	44,177.2	47,550.5	50,471.7	53,224.1	8
Del Norte	409.9	429.6	460.1	474.3	495.3	497.5	496.6	534.7	586.5	605.2	648.6	49
El Dorado	3,947.1	4,277.6	4,684.2	5,117.1	5,595.8	5,762.7	5,993.8	6,280.7	6,766.1	7,319.7	7,822.1	26
Fresno	14,430.2	14,777.5	15,606.4	16,338.2	17,627.7	18,592.6	19,690.9	20,689.5	21,744.9	22,752.5	23,980.5	13
Glenn	467.4	495.5	473.3	502.3	511.5	526.9	532.4	559.2	621.4	629.3	629.2	50
Humboldt	2,440.2	2,565.4	2,733.9	2,777.1	2,935.6	3,049.5	3,084.8	3,209.8	3,469.5	3,542.7	3,734.0	33
Imperial	2,205.9	2,331.7	2,525.7	2,619.5	2,530.3	2,742.0	2,985.3	3,145.7	3,219.3	3,396.3	3,592.1	34
Inyo	384.2	403.4	421.2	425.8	435.0	459.4	453.4	474.0	520.1	540.9	569.3	51
Kern	11,584.3	12,001.5	12,800.3	13,091.6	13,891.4	14,704.8	15,635.3	16,495.0	17,584.9	18,804.0	20,041.7	15
Kings	1,817.9	1,874.6	1,906.7	2,019.3	2,117.6	2,358.1	2,540.7	2,794.8	2,967.0	3,108.6	3,329.0	35
Lake	1,101.9	1,151.3	1,230.0	1,289.7	1,388.0	1,483.1	1,575.0	1,624.3	1,698.9	1,753.7	1,878.3	39
Lassen	512.1	532.4	554.0	572.8	589.4	605.1	628.3	666.9	708.1	736.3	783.7	47
Los Angeles	222,773.1	232,359.7	253,515.8	263,987.3	279,049.5	294,508.3	301,002.9	309,827.1	326,402.5	346,423.4	369,174.3	1
Madera	1,821.1	1,949.7	2,056.8	2,164.5	2,265.1	2,408.8	2,556.7	2,715.7	3,003.0	3,151.8	3,250.0	36
Marin	11,395.3	12,431.6	13,938.4	15,032.1	16,765.8	16,899.7	16,158.9	16,340.7	18,114.8	19,763.9	21,184.4	14
Mariposa	309.9	323.1	345.9	359.1	379.2	394.1	401.5	411.4	453.1	469.8	506.6	53
Mendocino	1,724.8	1,840.2	1,937.7	2,014.9	2,151.2	2,239.3	2,255.5	2,289.8	2,463.7	2,497.3	2,636.8	37
Merced	3,357.3	3,502.3	3,719.1	3,934.0	4,133.9	4,433.4	4,644.7	4,989.2	5,359.4	5,490.7	5,615.4	30
Modoc	177.9	188.7	196.8	214.9	195.9	205.2	225.3	231.4	234.4	241.5	250.6	56
Mono	235.6	257.0	278.1	300.6	329.8	351.1	366.1	409.4	445.7	499.5	499.7	54
Monterey	9,048.7	9,646.7	10,468.1	11,169.2	12,097.1	12,540.8	12,676.0	13,380.9	14,096.2	14,771.8	15,586.5	19
Napa	3,385.0	3,634.9	3,922.8	4,278.7	4,713.5	4,805.8	4,898.6	5,056.2	5,469.5	5,902.5	6,241.7	27
Nevada	1,934.6	2,144.4	2,349.0	2,491.5	2,826.4	2,965.3	2,975.1	3,111.9	3,438.1	3,626.0	3,892.5	32
Orange	77,498.5	83,635.4	90,579.9	96,288.1	106,003.9	109,010.3	111,750.3	117,722.5	125,798.4	135,587.9	143,949.0	2
Placer	6,152.9	6,797.6	7,551.4	8,346.2	9,153.1	9,815.7	10,209.3	10,979.4	12,199.6	13,241.5	14,247.8	21
Plumas	439.8	472.6	488.8	506.6	539.0	559.5	569.8	598.7	655.3	668.3	702.2	48
Riverside	27,565.0	29,298.6	32,089.8	34,088.2	37,015.0	39,974.6	42,010.1	45,023.3	48,833.8	53,151.0	57,667.0	6
Sacramento	26,560.4	28,051.0	30,179.2	32,019.0	35,016.7	37,225.2	38,649.5	40,789.3	43,463.0	45,653.8	48,313.9	10
San Benito	988.8	1,106.5	1,245.4	1,373.6	1,561.1	1,579.6	1,575.0	1,623.8	1,681.9	1,708.2	1,773.8	40
San Bernardino	29,449.7	31,179.6	33,523.8	35,314.5	37,772.1	40,431.2	42,140.6	44,452.9	47,922.0	50,916.4	53,928.6	7
San Diego	65,881.0	70,535.1	77,968.2	84,346.9	92,654.0	97,009.5	100,655.7	104,630.5	113,003.0	118,792.5	126,193.7	3
San Francisco	28,831.8	30,104.5	34,177.2	37,342.3	43,283.8	43,480.2	41,493.1	40,886.0	43,538.0	48,545.3	52,902.5	9
San Joaquin	10,490.4	11,207.6	11,859.6	12,632.1	13,757.1	14,281.2	14,788.9	15,576.8	16,555.5	17,256.7	18,125.2	17
San Luis Obispo	5,042.6	5,479.4	5,930.9	6,251.4	6,801.0	7,210.1	7,428.8	7,693.7	8,334.3	8,768.2	9,333.8	25
San Mateo	26,952.3	27,870.2	31,073.5	35,485.8	41,730.5	39,395.3	36,736.6	36,467.0	39,408.6	43,754.8	46,847.3	11
Santa Barbara	10,007.2	10,376.9	11,301.1	11,889.9	12,911.0	13,107.4	13,059.2	13,676.6	15,381.8	16,499.6	17,489.6	18
Santa Clara	54,168.9	60,003.6	64,850.1	73,045.8	91,386.2	83,838.7	77,548.9	78,152.2	81,920.7	88,217.4	95,911.6	4
Santa Cruz	6,738.5	7,244.4	7,857.9	8,557.5	10,014.5	9,714.1	9,495.9	9,498.6	10,194.8	10,519.4	11,322.0	23
Shasta	3,282.7	3,461.9	3,625.5	3,775.2	4,004.8	4,295.7	4,429.5	4,639.7	4,969.9	5,154.9	5,490.8	31
Sierra	67.0	71.2	74.3	76.5	81.0	80.3	77.7	79.4	83.3	83.8	87.1	57
Siskiyou	844.3	891.9	929.5	941.1	987.7	1,024.5	1,045.5	1,074.8	1,161.8	1,181.4	1,254.7	45
Solano	8,008.7	8,554.8	9,162.7	9,824.0	10,953.3	11,623.0	12,028.7	12,411.4	13,091.2	13,653.6	14,321.6	20
Sonoma	11,652.5	12,743.0	13,809.2	14,614.1	16,778.0	16,968.7	16,966.7	17,253.0	18,040.4	18,925.9	20,037.6	16
Stanislaus	8,035.6	8,595.6	9,310.6	9,756.6	10,572.6	10,916.8	11,460.8	11,959.0	12,868.3	13,526.8	14,096.6	22
Sutter	1,557.8	1,621.6	1,734.9	1,882.4	1,939.2	2,011.6	2,092.1	2,214.1	2,370.6	2,444.8	2,574.5	38
Tehama	883.4	926.8	956.8	998.6	1,068.6	1,121.7	1,175.6	1,232.9	1,300.8	1,375.2	1,440.9	43
Trinity	229.3	235.0	240.7	250.3	259.2	278.5	287.4	297.0	316.6	318.5	339.5	55
Tulare	6,081.0	6,216.7	6,680.6	6,978.4	7,218.7	7,722.6	8,018.7	8,508.9	9,194.3	9,615.0	9,993.6	24
Tuolumne	977.1	1,042.3	1,122.1	1,160.4	1,268.8	1,325.4	1,356.9	1,427.4	1,556.8	1,639.3	1,735.9	41
Ventura	19,142.5	20,521.1	21,492.6	23,114.4	25,364.4	25,964.3	26,648.4	28,057.4	30,438.1	32,303.1	33,940.4	12
Yolo	3,567.9	3,797.1	3,978.1	4,222.1	4,470.0	4,728.2	4,851.7	5,071.9	5,508.5	5,759.0	6,097.0	29
Yuba	933.9	970.7	1,018.8	1,104.4	1,154.7	1,246.0	1,317.3	1,391.1	1,480.7	1,559.6	1,659.6	42

a/ Data may not be comparable to those shown in Tables D-4, D-5, and D-6 because of data revisions.

State data revised subsequent to release of county data.

Note: Detail may not add to totals because of rounding. Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE D-9

PER CAPITA PERSONAL INCOME BY COUNTY, CALIFORNIA, 1996 TO 2006
(Residence Adjusted)

County	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2006 Rank
California a/	$25,312	$26,490	$28,374	$29,828	$32,462	$32,883	$32,826	$33,554	$35,440	$37,462	$39,626	
Alameda	28,029	29,459	31,574	33,856	38,458	38,147	37,755	38,712	40,915	42,974	45,689	8
Alpine	19,365	20,769	22,163	23,970	26,445	27,128	27,353	29,156	31,886	33,487	33,604	24
Amador	19,549	19,642	21,066	21,685	23,796	25,050	26,069	26,968	29,395	29,855	31,498	28
Butte	18,691	19,652	20,500	21,240	22,414	23,244	23,391	24,012	25,747	26,691	28,034	39
Calaveras	19,268	20,195	21,672	22,690	24,764	25,767	26,052	26,754	28,161	28,865	30,004	32
Colusa	22,786	22,551	21,251	24,456	23,427	23,354	23,519	26,386	26,986	25,927	25,201	47
Contra Costa	33,198	35,391	37,525	39,623	44,491	44,696	44,062	44,571	47,672	50,215	52,730	5
Del Norte	14,649	15,158	16,323	17,171	18,028	18,193	18,054	19,263	20,839	21,200	22,644	56
El Dorado	26,876	28,596	30,755	33,146	35,612	35,825	36,386	37,494	39,659	42,150	44,657	10
Fresno	18,952	19,157	20,044	20,697	21,974	22,841	23,697	24,399	25,224	26,052	27,081	43
Glenn	17,861	18,862	18,074	19,077	19,335	19,875	19,898	20,599	22,772	22,823	22,589	57
Humboldt	19,342	20,186	21,512	21,923	23,225	24,008	24,131	25,018	26,934	27,441	28,885	34
Imperial	15,986	16,820	18,090	18,571	17,765	19,135	20,603	21,294	21,382	22,074	22,769	55
Inyo	20,981	22,114	23,356	23,698	24,277	25,600	25,064	26,131	28,918	30,482	32,396	26
Kern	18,484	18,909	19,907	19,974	20,934	21,798	22,645	23,270	24,133	25,050	25,938	45
Kings	15,752	16,054	15,698	15,976	16,316	17,787	18,829	20,091	20,794	21,609	22,771	54
Lake	19,562	20,458	21,695	22,542	23,705	24,584	25,529	25,896	26,778	27,309	28,993	33
Lassen	16,065	15,602	16,279	16,926	17,464	18,058	18,858	19,776	20,742	21,602	22,981	53
Los Angeles	24,408	25,239	27,220	27,973	29,232	30,510	30,856	31,512	33,034	35,022	37,362	19
Madera	16,095	16,744	17,263	17,759	18,328	19,183	19,951	20,496	21,890	22,429	22,580	58
Marin	47,738	51,413	56,960	61,039	67,707	68,093	65,464	66,488	74,035	80,580	86,062	1
Mariposa	18,465	19,420	20,286	21,163	22,120	23,035	23,332	23,387	25,646	26,495	28,235	38
Mendocino	20,561	21,811	22,780	23,521	24,901	25,841	25,916	26,139	28,200	28,652	30,446	31
Merced	17,233	17,661	18,387	19,029	19,536	20,373	20,769	21,763	22,894	22,995	23,182	52
Modoc	18,034	19,135	20,480	22,594	20,802	22,066	24,338	24,764	24,964	25,989	26,865	44
Mono	20,021	21,424	22,967	23,875	25,576	26,999	27,989	31,641	34,760	39,002	38,486	17
Monterey	24,982	25,602	26,987	28,186	30,004	30,755	30,863	32,425	34,224	36,137	38,373	18
Napa	28,687	30,339	32,264	34,779	37,840	37,883	38,015	38,831	41,895	45,223	47,491	7
Nevada	22,018	24,058	26,050	27,409	30,553	31,676	31,496	32,666	35,787	37,507	40,203	16
Orange	29,311	30,870	32,663	34,194	37,097	37,638	38,168	39,828	42,260	45,465	48,209	6
Placer	28,655	30,597	32,665	34,642	36,428	37,142	36,724	37,580	40,021	42,009	43,937	11
Plumas	21,164	22,665	23,467	24,215	25,957	26,863	27,307	28,591	31,226	31,838	33,800	23
Riverside	19,778	20,576	21,951	22,606	23,736	24,730	24,911	25,446	26,348	27,579	28,730	35
Sacramento	22,983	23,978	25,433	26,535	28,460	29,386	29,686	30,686	32,192	33,521	35,197	21
San Benito	22,386	23,690	25,380	26,689	28,997	28,834	28,490	29,267	30,451	31,003	32,472	25
San Bernardino	18,445	19,265	20,363	21,001	21,975	22,934	23,356	23,987	25,128	26,068	27,134	42
San Diego	24,846	26,196	28,490	30,236	32,789	33,801	34,612	35,676	38,452	40,383	42,801	14
San Francisco	38,242	39,458	44,371	48,201	55,658	55,869	54,016	53,864	57,870	64,601	69,942	2
San Joaquin	19,995	21,071	21,952	22,867	24,217	24,140	24,259	24,838	25,725	26,239	27,272	41
San Luis Obispo	21,644	23,159	24,710	25,675	27,436	28,657	29,344	30,219	32,479	33,959	35,872	20
San Mateo	39,218	39,957	44,223	50,368	58,893	55,649	52,361	52,235	56,550	62,680	66,839	3
Santa Barbara	25,918	26,520	28,629	29,957	32,288	32,632	32,402	33,856	38,138	40,968	43,510	12
Santa Clara	33,673	36,645	39,091	43,701	54,183	49,493	46,154	46,569	48,689	51,934	55,735	4
Santa Cruz	27,941	29,528	31,320	33,735	39,138	37,960	37,347	37,635	40,528	42,017	45,194	9
Shasta	20,551	21,535	22,375	23,305	24,451	25,724	25,874	26,590	28,144	29,010	30,762	30
Sierra	19,167	20,422	21,133	21,987	22,684	22,859	22,382	22,728	24,463	25,026	25,693	46
Siskiyou	18,885	19,807	20,726	21,184	22,331	23,336	23,798	24,317	26,240	26,574	28,306	37
Solano	21,786	23,004	24,198	25,342	27,590	28,760	29,446	30,320	31,955	33,445	35,074	22
Sonoma	27,200	29,151	30,969	32,231	36,437	36,502	36,526	37,097	38,793	40,821	43,318	13
Stanislaus	19,356	20,404	21,716	22,244	23,508	23,519	23,972	24,511	26,075	26,995	27,811	40
Sutter	20,700	21,249	22,553	24,067	24,503	25,145	25,544	26,278	27,597	27,793	28,536	36
Tehama	16,078	16,835	17,273	17,987	19,036	19,858	20,614	21,261	22,095	23,034	23,813	50
Trinity	17,001	17,699	18,276	19,183	19,930	21,554	21,827	22,244	23,710	23,312	24,318	48
Tulare	17,338	17,514	18,565	19,134	19,576	20,696	21,134	21,926	23,144	23,654	24,153	49
Tuolumne	18,620	19,786	21,132	21,546	23,215	24,027	24,367	25,389	27,698	29,119	30,916	29
Ventura	26,953	28,458	29,411	31,095	33,528	33,888	34,231	35,664	38,449	40,845	42,746	15
Yolo	22,966	23,900	24,595	25,547	26,310	26,928	26,843	27,645	29,623	30,789	31,990	27
Yuba	15,335	16,149	16,953	18,444	19,139	20,305	21,094	21,904	22,972	23,249	23,634	51

a/ Data may not be comparable to those shown in Table D-6 because of data revisions. State data revised subsequent to release of county data.
Source: U.S. Department of Commerce, Bureau of Economic Analysis, http://www.bea.doc.gov/

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TABLE D-10

PERSONAL INCOME TAX RETURNS:
NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS
CALIFORNIA, 2006 TAXABLE YEAR a/

Adjusted gross income class b/			Resident returns			Nonresident returns			Total returns		
			Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) c/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)
Negative			171,094	($11,899,661)	$4,242	14,769	($1,594,716)	$25,487	185,863	($13,494,377)	$29,730
Zero			786	-	-	402	0	0	1,188	0	0
$1	under	$999	125,948	59,848	3	13,327	72,062	1,003	139,275	131,910	1,006
1,000	under	1,999	143,631	219,135	141	3,932	4,618	0	147,563	223,754	141
2,000	under	2,999	170,754	431,087	337	4,766	7,968	10	175,520	439,054	347
3,000	under	3,999	201,838	708,811	785	7,962	21,895	0	209,800	730,706	785
4,000	under	4,999	202,413	918,072	2,246	8,756	12,041	22	211,169	930,113	2,267
5,000	under	5,999	200,655	1,103,571	1,535	7,016	25,143	7	207,671	1,128,714	1,542
6,000	under	6,999	210,740	1,364,544	1,927	6,806	29,675	59	217,546	1,394,218	1,985
7,000	under	7,999	224,666	1,683,664	2,660	9,584	52,519	30	234,250	1,736,182	2,691
8,000	under	8,999	221,497	1,880,124	1,984	11,831	(1,049,293)	60	233,328	830,832	2,044
9,000	under	9,999	217,836	2,067,330	1,582	10,580	71,130	86	228,416	2,138,459	1,667
10,000	under	10,999	224,975	2,359,623	2,089	8,922	51,646	11	233,897	2,411,269	2,100
11,000	under	11,999	221,941	2,549,800	2,929	7,886	38,285	35	229,827	2,588,085	2,964
12,000	under	12,999	236,548	2,958,688	3,534	8,447	87,300	279	244,995	3,045,988	3,813
13,000	under	13,999	220,525	2,980,678	5,053	8,870	82,355	244	229,395	3,063,032	5,298
14,000	under	14,999	235,440	3,408,653	5,332	11,124	98,786	539	246,564	3,507,439	5,871
15,000	under	15,999	223,704	3,463,038	6,912	7,668	64,425	300	231,372	3,527,463	7,212
16,000	under	16,999	249,008	4,111,430	10,251	9,649	98,094	507	258,657	4,209,524	10,758
17,000	under	17,999	239,825	4,201,782	9,661	11,867	103,878	412	251,692	4,305,661	10,073
18,000	under	18,999	227,723	4,209,166	10,186	7,289	91,459	512	235,012	4,300,625	10,698
19,000	under	19,999	215,719	4,207,346	13,272	7,290	79,514	456	223,009	4,286,860	13,727
20,000	under	20,999	220,137	4,511,380	15,841	7,193	105,434	896	227,330	4,616,815	16,737
21,000	under	21,999	196,335	4,220,562	17,195	12,797	144,465	1,363	209,132	4,365,027	18,558
22,000	under	22,999	212,401	4,782,263	22,153	8,559	102,946	860	220,960	4,885,209	23,013
23,000	under	23,999	199,701	4,691,080	24,224	12,012	171,384	1,295	211,713	4,862,464	25,519
24,000	under	24,999	200,247	4,904,776	24,998	5,870	77,357	741	206,117	4,982,133	25,739
25,000	under	25,999	201,881	5,146,119	29,511	11,480	144,985	1,106	213,361	5,291,104	30,617
26,000	under	26,999	192,690	5,110,815	29,274	6,815	104,187	842	199,505	5,215,002	30,116
27,000	under	27,999	191,834	5,275,250	31,986	11,145	149,560	1,571	202,979	5,424,810	33,557
28,000	under	28,999	191,879	5,471,315	39,475	6,248	119,450	780	198,127	5,590,765	40,255
29,000	under	29,999	173,183	5,110,100	37,025	6,295	108,018	941	179,478	5,218,118	37,966
30,000	under	30,999	168,069	5,129,745	41,522	8,056	97,611	700	176,125	5,227,356	42,222
31,000	under	31,999	174,945	5,509,547	48,891	3,645	52,492	638	178,590	5,562,039	49,529
32,000	under	32,999	167,879	5,457,023	50,036	5,406	119,705	1,476	173,285	5,576,728	51,511
33,000	under	33,999	165,951	5,556,092	56,124	5,374	100,234	544	171,325	5,656,326	56,668
34,000	under	34,999	163,515	5,641,897	62,001	4,655	42,189	462	168,170	5,684,086	62,463

TABLE D-10 (Continued)

PERSONAL INCOME TAX RETURNS:
NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS
CALIFORNIA, 2006 TAXABLE YEAR a/

Adjusted gross income class b/			Resident returns			Nonresident returns			Total returns		
			Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) c/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000)	Tax assessed ($1,000)
35,000	under	35,999	153,294	5,445,900	53,514	5,519	67,499	728	158,813	5,513,399	54,243
36,000	under	36,999	139,348	5,084,916	52,878	6,001	70,426	1,504	145,349	5,155,343	54,382
37,000	under	37,999	124,222	4,653,437	57,264	8,359	248,878	6,004	132,581	4,902,315	63,268
38,000	under	38,999	129,505	4,988,744	55,391	6,207	117,430	2,900	135,712	5,106,174	58,291
39,000	under	39,999	143,041	5,649,495	67,175	4,201	61,644	1,085	147,242	5,711,139	68,261
40,000	under	49,999	1,257,024	56,236,318	832,500	44,976	(816,111)	18,890	1,302,000	55,420,208	851,390
50,000	under	59,999	912,665	49,969,026	943,485	53,367	1,267,263	31,041	966,032	51,236,289	974,526
60,000	under	69,999	744,677	48,310,973	1,109,358	37,676	1,098,126	30,647	782,353	49,409,099	1,140,005
70,000	under	79,999	586,213	43,842,862	1,123,333	30,595	921,798	26,575	616,808	44,764,660	1,149,908
80,000	under	89,999	480,530	40,733,250	1,147,544	24,481	885,119	30,088	505,011	41,618,369	1,177,632
90,000	under	99,999	400,774	37,972,396	1,161,458	19,931	777,971	25,334	420,705	38,750,367	1,186,792
100,000	under	149,999	1,120,321	135,300,891	5,213,440	64,084	3,430,474	156,217	1,184,405	138,731,365	5,369,657
150,000	under	199,999	401,419	68,637,027	3,418,630	34,052	1,923,637	107,584	435,471	70,560,663	3,526,213
200,000	under	299,999	293,496	70,382,622	4,200,513	31,141	2,705,694	170,492	324,637	73,088,315	4,371,005
300,000	under	399,999	102,006	34,968,803	2,395,258	11,364	1,313,942	93,458	113,370	36,282,744	2,488,716
400,000	under	499,999	52,115	23,225,612	1,710,759	10,345	1,230,187	91,040	62,460	24,455,799	1,801,799
500,000	under	999,999	83,064	56,603,902	4,447,524	27,902	3,264,869	261,698	110,966	59,868,771	4,709,223
1,000,000	under	1,999,999	30,387	41,508,138	3,521,137	10,739	2,677,108	229,532	41,126	44,185,246	3,750,669
2,000,000	under	2,999,999	8,320	20,089,327	1,798,113	3,824	1,507,579	132,289	12,144	21,596,906	1,930,402
3,000,000	under	3,999,999	3,683	12,690,996	1,155,898	4,419	746,706	73,183	8,102	13,437,702	1,229,081
4,000,000	under	4,999,999	2,097	9,378,628	871,004	2,040	656,191	61,474	4,137	10,034,819	932,478
5,000,000	and over		6,563	105,517,528	9,762,812	6,966	6,946,974	692,058	13,529	112,464,502	10,454,870
Total			14,382,675	$990,695,484	$45,715,906	752,481	$31,192,199	$2,288,095	15,135,156	$1,021,887,683	$48,004,001

a/ Includes returns received through approximately the end of December of the succeeding year. Table D-12, Comparison by County, is created from data derived from all current-year returns before audit.
Table D-10 is based on a stratified random sample prepared by the Economic and Statistical Research Bureau of the Franchise Tax Board.
Because of the different data sources, Tables D-10 and D-12 are strictly not comparable.
b/ For resident returns, Adjusted Gross Income (AGI) represents California AGI; for nonresident returns, AGI represents total AGI.
c/ For nonresident returns, Adjusted Gross Income (AGI) represents California-sourced AGI.

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TABLE D-11

NUMBER OF PERSONAL INCOME TAX RETURNS,
ADJUSTED GROSS INCOME,
TAXABLE INCOME & TAX ASSESSED a/
1960 TO 2006

Taxable Year	Number of Returns	(Dollars in Millions) Adjusted Gross Income	Taxable Income	Tax Assessed
1960	4,239,099	$31,234	$13,338	$256
1961	4,454,831	33,582	14,625	291
1962	4,558,688	35,878	15,834	304
1963	4,851,770	38,835	17,382	338
1964	4,981,588	42,133	19,412	392
1965	5,167,529	45,234	21,089	433
1966	5,445,732	48,693	23,442	479
1967	5,449,456	52,828	43,253	948
1968	5,334,038	56,636	44,663	1,062
1969	5,586,849	60,874	47,984	1,089
1970	5,554,362	63,190	49,434	1,212
1971	5,690,817	67,785	52,619	1,133
1972	6,972,468	78,372	60,904	1,691
1973	7,490,292	85,534	66,864	1,537
1974	7,929,997	93,727	73,917	2,361
1975	8,124,290	101,598	80,476	2,759
1976	8,620,249	115,605	91,732	3,360
1977	8,989,797	132,781	105,756	4,225
1978	9,448,710	149,104	119,659	4,174
1979	10,190,263	169,787	136,692	5,973
1980	10,335,674	189,297	150,455	6,206
1981	10,661,919	209,942	165,130	6,774
1982	10,721,424	224,864	175,606	7,241
1983	10,950,080	244,257	188,844	8,425
1984	11,630,329	290,104	229,859	9,817
1985	11,857,200	306,006	240,023	10,636
1986	12,241,172	340,364	266,290	12,586
1987 b/	12,649,850	382,329	316,237	12,872
1988	13,184,346	425,656	356,205	15,049
1989	13,574,087	475,433	384,574	16,054
1990	13,392,893	450,893	389,236	16,138
1991 c/	13,414,101	445,237	382,692	15,766
1992	13,333,732	457,501	400,315	16,573
1993	12,447,422	455,141	399,495	16,513
1994	12,474,141	458,535	411,630	16,787
1995	12,626,638	480,337	444,348	18,838
1996	12,700,583	525,314	449,704	21,064
1997	13,011,570	585,636	563,509	24,764
1998	13,385,930	644,393	643,322	27,319
1999	13,716,540	740,850	738,685	34,294
2000	14,076,947	853,766	873,529	41,880
2001	14,226,067	775,767	743,182	32,538
2002	14,183,726	759,530	722,416	30,413
2003	14,250,530	784,316	799,911	31,746
2004	14,513,268	848,764	872,958	37,779
2005	14,826,067	964,560	983,859	45,304
2006	15,135,156	1,021,888	1,106,080	48,004

a/ Includes resident and nonresident taxpayers
b/ Changes in the Personal Income Tax Law effective with returns for the 1987 taxable year make prior year information not comparable.
c/ Prior to the 1991 taxable year, AGI included total federal AGI for nonresidents. Beginning with 1991, AGI includes only California-sourced AGI for nonresidents.

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TABLE D-12

PERSONAL INCOME TAX STATISTICS BY COUNTY, CALIFORNIA
2006 TAXABLE YEAR c/

County	All taxable and nontaxable returns: Number of returns	Adjusted gross income ($1,000)	Median income: Median	Median income: Rank	Joint returns: Number of returns	Joint returns: Median income: Median	Joint returns: Median income: Rank	Tax assessed ($1,000)
Alameda	633,683	$47,077,292	$42,360	8	243,946	$83,996	5	$2,121,972
Alpine	308	17,450	43,124	7	150	69,999	14	574
Amador	15,201	815,911	37,945	17	7,772	61,135	25	25,581
Butte	79,349	3,663,156	29,298	44	34,213	53,184	42	115,505
Calaveras	18,205	998,684	37,996	16	9,621	60,052	27	33,040
Colusa	8,436	371,910	26,928	56	4,067	41,008	57	12,433
Contra Costa	419,069	36,363,211	45,748	4	178,973	87,478	4	1,771,355
Del Norte	7,943	354,418	30,631	40	3,714	54,091	37	10,247
El Dorado	67,503	5,141,951	45,487	5	35,365	78,489	7	209,028
Fresno	304,057	15,123,423	28,035	52	121,224	53,821	39	542,742
Glenn	10,170	407,261	27,789	53	4,962	44,265	55	11,406
Humboldt	48,120	2,150,658	28,736	45	19,329	53,665	40	67,755
Imperial	54,708	2,093,889	23,557	58	25,255	37,582	58	51,900
Inyo	8,101	395,892	33,103	30	3,526	60,618	26	12,706
Kern	251,070	12,643,752	30,207	42	109,549	55,264	36	423,341
Kings	40,407	1,686,829	28,417	47	17,996	47,734	49	45,835
Lake	21,610	922,396	30,071	43	9,834	49,035	46	24,477
Lassen	9,585	602,908	39,066	12	5,089	62,510	24	23,070
Los Angeles	3,850,747	253,120,910	30,822	39	1,298,080	57,725	31	11,921,756
Madera	45,118	2,013,510	28,385	49	21,554	47,848	48	61,404
Marin	116,416	17,317,549	51,720	1	46,163	116,626	1	1,158,814
Mariposa	6,639	292,254	31,368	37	3,188	51,476	44	8,064
Mendocino	34,243	1,575,028	28,680	46	14,343	49,995	45	54,937
Merced	80,428	3,323,430	26,984	55	35,610	45,396	53	88,422
Modoc	2,962	114,142	27,418	54	1,521	42,361	56	3,275
Mono	4,963	289,129	33,673	29	1,987	64,029	21	11,089
Monterey	147,856	9,037,777	31,747	36	59,052	56,659	32	378,430
Napa	50,278	4,031,042	39,151	11	21,876	69,822	15	201,412
Nevada	40,737	2,444,255	37,468	18	19,345	63,941	22	93,031
Orange	1,248,637	98,851,342	38,150	15	507,423	75,537	8	4,899,200
Placer	151,509	10,994,599	44,034	6	73,187	78,652	6	453,957
Plumas	8,087	395,917	34,789	26	3,988	56,050	33	12,461
Riverside	752,969	40,444,166	32,748	32	323,949	58,959	29	1,276,576
Sacramento	551,362	30,458,720	36,306	20	213,030	66,247	20	1,051,873
San Benito	20,575	1,166,236	36,987	19	9,492	68,302	17	36,731
San Bernardino	696,103	33,895,474	31,778	35	283,534	57,963	30	954,453
San Diego	1,231,752	83,530,196	36,081	21	489,281	67,935	18	3,626,263
San Francisco	387,912	38,641,911	41,801	9	105,183	71,529	12	2,361,155
San Joaquin	234,831	12,367,262	33,825	28	102,791	59,623	28	387,244
San Luis Obispo	107,324	6,528,321	35,963	22	46,689	67,092	19	264,449
San Mateo	314,265	41,064,472	48,117	2	126,966	95,394	3	2,617,159
Santa Barbara	160,668	12,329,732	34,764	27	65,165	63,534	23	618,238
Santa Clara	754,815	76,416,997	47,283	3	316,969	95,457	2	4,255,191
Santa Cruz	109,485	7,228,146	35,062	25	42,015	71,445	13	313,858
Shasta	68,525	3,504,976	32,182	34	33,102	53,901	38	114,063
Sierra	1,219	59,838	35,408	24	606	53,606	41	1,937
Siskiyou	17,184	703,883	28,202	51	8,335	45,540	52	20,024
Solano	168,929	9,643,460	40,641	10	71,744	73,276	10	293,489
Sonoma	204,631	13,740,429	38,714	13	82,758	71,667	11	601,258
Stanislaus	182,350	9,103,627	32,185	33	81,351	55,653	35	285,698
Sutter	33,946	1,623,831	31,013	38	16,346	51,841	43	50,133
Tehama	18,371	740,167	28,417	48	8,820	45,556	51	19,085
Trinity	4,454	179,130	28,214	50	2,147	44,485	54	4,983
Tulare	134,750	5,517,452	25,528	57	57,153	45,649	50	160,432
Tuolumne	22,082	1,088,561	33,040	31	10,424	55,964	34	34,013
Ventura	330,968	23,831,885	38,200	14	142,351	75,171	9	1,030,420
Yolo	73,257	4,317,410	35,808	23	30,423	69,779	16	162,033
Yuba	23,512	984,480	30,240	41	11,063	48,605	47	22,490
Unallocated a/	3,710	392,781	31,384	--	1,260	70,468	--	14,728
Resident out-of-state b/	189,836	14,924,523	29,712	--	66,647	56,110	--	815,245
Nonresident	534,098	173,936,805	62,209	--	284,290	110,025	--	1,882,791
Total	15,120,028	$1,182,996,745	$35,390	--	5,975,786	$66,810	--	$48,125,231

a/ Unable to determine county of residence from tax returns.
b/ Resident returns filed with out-of-state address.
c/ Detail may not add to totals due to rounding.

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TABLE D-13

BANK AND CORPORATION FRANCHISE TAX RETURNS,
STATE NET INCOME, AND TAX ASSESSED BY
STATE NET INCOME CLASS
CALIFORNIA, 2006 INCOME YEAR a/

Net income taxable in California b/	Number of returns	Net income reported to State for taxation b/ ($1,000)	Tax assessed ($1,000)
Net loss	245,664	($46,695,537)	$194,079
No income or loss	52,509	0	37,281
$1 under $5,000	75,984	146,554	55,053
5,000 under 10,000	33,576	258,855	25,876
10,000 under 15,000	28,514	346,470	23,901
15,000 under 20,000	23,788	415,844	22,543
20,000 under 25,000	16,641	370,808	16,804
25,000 under 30,000	12,174	331,605	14,330
30,000 under 40,000	24,597	859,112	32,291
40,000 under 50,000	20,292	914,685	34,587
50,000 under 60,000	20,753	1,128,121	35,965
60,000 under 70,000	13,208	858,150	24,228
70,000 under 80,000	10,517	786,827	24,656
80,000 under 90,000	9,265	784,698	24,868
90,000 under 100,000	5,884	558,523	15,690
100,000 under 150,000	25,705	3,132,449	84,581
150,000 under 200,000	12,686	2,181,350	78,082
200,000 under 250,000	8,539	1,913,530	50,168
250,000 under 300,000	6,475	1,780,764	46,206
300,000 under 400,000	7,642	2,648,160	72,191
400,000 under 500,000	5,094	2,291,819	64,380
500,000 under 750,000	7,038	4,291,690	126,229
750,000 under 1,000,000	3,796	3,289,665	100,388
1,000,000 under 1,500,000	4,091	4,974,249	165,816
1,500,000 under 2,000,000	2,227	3,858,227	124,830
2,000,000 under 3,000,000	2,315	5,611,810	192,208
3,000,000 under 4,000,000	1,165	4,022,091	151,560
4,000,000 under 5,000,000	757	3,385,663	137,828
5,000,000 under 10,000,000	1,621	11,241,280	450,573
10,000,000 and over	1,846	124,637,044	7,564,993
Total	684,363	$140,324,506	$9,992,185

a/ Includes bank and corporation franchise tax returns received through December of the succeeding year. Returns for a given income year include those for the calendar year and fiscal years ended therein (i.e., 2004 includes January 31, 2006 through December 31, 2006 accounting periods). Excludes corporation income tax returns.
b/ As allocated to State for tax purposes.

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TABLE D-14

BANK AND CORPORATION FRANCHISE TAX RETURNS AND
STATE NET INCOME, BY INDUSTRY
CALIFORNIA, 2006 INCOME YEAR a/
(Income in $1,000)

Industry	Corporations reporting net income subject to state taxation		All reporting corporations	
	Number	Net income	Number	Net income less net loss
Agriculture, forestry and fisheries	7,860	$3,012,032	13,372	$2,230,993
Construction	37,579	12,559,384	61,990	11,015,079
Manufacturing	28,120	53,261,645	49,248	40,813,369
Durable goods	17,524	27,465,098	30,486	17,872,825
Nondurable goods	10,596	25,796,547	18,762	22,940,544
Services	155,547	33,062,502	250,585	16,544,140
Business services	55,561	17,425,394	101,642	5,551,887
Professional services b/	38,475	4,238,150	60,357	3,599,798
Other services	61,511	11,398,958	113,688	7,392,455
Trade	77,910	33,166,169	122,248	27,258,611
Retail trade	41,344	16,801,963	77,301	13,976,834
Wholesale trade	36,566	16,364,206	62,886	13,281,777
Banks, savings and loans, and other lending institutions	390	14,939,116	1,052	14,011,065
Real Estate	47,702	8,964,729	85,592	7,083,919
Investment and insurance companies, and other financials	18,399	14,207,437	34,118	10,582,586
Utilities	12,684	13,847,030	23,117	10,784,744
Total	386,190	$187,020,044	684,363	$140,324,506

a/ Includes bank and corporation franchise tax returns received through December of the succeeding year. Returns for a given income year include those for the calendar year and fiscal years ended therein. Excludes corporation income tax returns.
b/ Includes doctors, dentists, psychiatrists, physical therapists and lawyers incorporated as professional corporations.

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TABLE D-15

CORPORATE INCOME REPORTED FOR
STATE TAXATION, 1960 TO 2006

	Number of Corporations a/				Income Reported for State Taxation, ($ mill.)		
Year b/	Total	With Net Income	With Net Loss	No Income or Loss	Total	Net Income c/	Net Loss d/
1960	101,081	56,987	28,743	15,351	$3,517	$4,182	($665)
1961	105,645	59,746	31,802	14,097	3,717	4,509	(792)
1962	110,294	63,400	31,954	14,940	3,970	4,754	(784)
1963	114,667	66,496	33,667	14,504	4,283	5,092	(809)
1964	118,860	69,555	34,254	15,051	4,626	5,526	(900)
1965	122,399	71,484	35,625	15,290	5,126	6,007	(881)
1966	124,690	73,076	35,664	15,950	5,643	6,638	(995)
1967	125,677	73,433	38,188	14,056	5,252	6,456	(1,203)
1968	128,505	77,238	36,754	14,513	6,003	7,255	(1,251)
1969	136,695	80,348	38,627	17,720	5,643	7,477	(1,834)
1970	145,352	81,340	44,318	19,694	4,386	6,712	(2,326)
1971	151,216	83,664	47,621	19,931	4,804	7,249	(2,445)
1972	158,932	91,055	47,214	20,663	6,465	8,561	(2,096)
1973	165,676	97,377	46,937	21,362	7,911	10,208	(2,296)
1974	172,185	102,680	49,962	19,543	8,978	11,734	(2,757)
1975	177,665	106,213	53,965	17,487	8,362	11,672	(3,309)
1976	184,326	113,614	54,249	16,463	11,916	14,808	(2,892)
1977	200,393	124,175	57,949	18,269	14,941	17,830	(2,889)
1978	221,527	138,495	63,725	19,307	18,728	21,974	(3,246)
1979	248,188	154,468	72,343	21,377	20,735	24,826	(4,091)
1980	275,493	165,183	86,482	23,828	20,654	25,825	(5,171)
1981	299,215	172,122	101,398	25,695	16,367	24,214	(7,847)
1982	326,264	175,054	120,964	30,246	10,745	22,828	(12,083)
1983	337,165	184,408	125,149	27,614	16,485	26,628	(10,143)
1984	397,854	208,566	149,831	39,456	19,349	31,742	(12,393)
1985	388,244	207,388	139,408	41,448	21,120	34,308	(13,188)
1986	414,602	216,677	149,684	48,241	25,457	40,043	(14,585)
1987	464,186	245,505	164,933	53,748	29,719	45,619	(15,900)
1988	448,486	229,226	165,917	53,343	32,372	50,753	(18,381)
1989	447,714	229,559	166,444	51,711	32,911	52,884	(19,973)
1990	446,890	230,426	167,929	48,535	28,974	53,268	(24,294)
1991	432,242	219,405	174,468	38,369	19,045	44,177	(25,132)
1992	418,135	213,264	174,740	30,131	16,114	44,970	(28,856)
1993	418,108	217,858	170,818	29,432	20,118	48,332	(28,214)
1994	414,884	230,354	157,580	26,950	32,897	58,079	(25,182)
1995	418,262	239,375	155,296	23,591	42,985	68,928	(25,943)
1996	430,796	251,737	155,933	23,126	47,264	75,989	(28,725)
1997	443,757	262,193	156,443	25,121	54,167	83,706	(29,539)
1998	460,567	272,961	160,269	27,337	50,520	86,438	(35,918)
1999	481,036	284,442	166,447	30,147	45,319	91,705	(46,386)
2000	497,844	291,396	174,614	31,834	33,860	107,881	(74,022)
2001	520,056	294,873	190,570	34,613	17,560	93,584	(76,024)
2002	550,853	304,561	206,578	39,714	29,686	95,597	(65,911)
2003	589,310	321,594	220,929	46,787	50,819	105,077	(54,258)
2004	616,805	344,456	224,542	47,807	82,328	130,908	(48,580)
2005	651,060	368,979	232,578	49,503	115,474	162,813	(47,339)
2006	684,363	386,190	245,664	52,509	140,325	187,020	(46,695)

a/ Includes a slight amount of duplication as a result of mergers, consolidations, changes in corporate names and changes of income year, which necessitated filing more than one state franchise tax return during the year. In 1961, this duplication amounted to approximately 205 corporations, or 0.5 percent of the total.
b/ Includes corporations with fiscal years ending in the calendar year shown.
c/ Income of all corporations reporting net income.
d/ Income of all corporations reporting net loss.

Franchise Tax Board, Economic and Statistical Research Bureau, (916) 845-3400
http://www.ftb.ca.gov/

TABLE D-16

CONSUMER PRICE INDEX, SELECTED AREAS, 1950 TO 2007
(1982-84=100) a/

	All Urban Consumers					Urban Wage Earners and Clerical Workers				
Year	United States	California b/	Los Angeles-Anaheim-Riverside CMSA	San Francisco-Oakland-San Jose CMSA	San Diego	United States	California b/	Los Angeles-Anaheim-Riverside CMSA	San Francisco-Oakland-San Jose CMSA	San Diego
1950	24.1	22.8	23.7	22.0	n.a.	24.2	22.9	23.7	22.2	n.a.
1951	26.0	24.7	25.7	23.8	n.a.	26.1	24.8	25.7	24.0	n.a.
1952	26.5	25.5	26.5	24.6	n.a.	26.7	25.6	26.5	24.9	n.a.
1953	26.7	25.8	26.7	25.0	n.a.	26.9	25.9	26.7	25.3	n.a.
1954	26.9	25.8	26.7	25.1	n.a.	27.0	25.9	26.7	25.3	n.a.
1955	26.8	25.7	26.7	24.9	n.a.	26.9	25.9	26.7	25.2	n.a.
1956	27.2	26.2	27.1	25.5	n.a.	27.3	26.3	27.1	25.7	n.a.
1957	28.1	27.1	28.0	26.5	n.a.	28.3	27.3	28.0	26.8	n.a.
1958	28.9	28.1	28.9	27.5	n.a.	29.1	28.2	28.9	27.7	n.a.
1959	29.1	28.6	29.4	28.0	n.a.	29.3	28.7	29.4	28.3	n.a.
1960	29.6	29.2	30.0	28.6	n.a.	29.8	29.2	29.9	28.8	n.a.
1961	29.9	29.5	30.3	28.9	n.a.	30.1	29.6	30.3	29.2	n.a.
1962	30.2	29.9	30.7	29.4	n.a.	30.4	30.0	30.7	29.7	n.a.
1963	30.6	30.4	31.1	29.8	n.a.	30.8	30.5	31.1	30.0	n.a.
1964	31.0	31.0	31.7	30.2	n.a.	31.2	31.0	31.7	30.5	n.a.
1965	31.5	31.5	32.4	30.8	28.2	31.7	31.7	32.4	31.1	29.5
1966	32.4	32.2	33.0	31.6	28.7	32.6	32.4	33.0	31.9	30.1
1967	33.4	33.0	33.8	32.5	29.6	33.6	33.2	33.8	32.8	31.0
1968	34.8	34.4	35.2	34.0	30.8	35.0	34.6	35.2	34.3	32.3
1969	36.7	36.1	36.8	35.8	32.4	36.9	36.3	36.8	36.2	34.0
1970	38.8	37.9	38.7	37.7	34.1	39.0	38.2	38.7	38.0	35.8
1971	40.5	39.3	40.1	39.1	35.4	40.7	39.6	40.1	39.4	37.1
1972	41.8	40.6	41.4	40.4	36.8	42.1	40.9	41.4	40.8	38.6
1973	44.4	43.0	43.7	42.8	39.2	44.7	43.3	43.7	43.2	41.1
1974	49.3	47.4	48.2	47.0	43.5	49.6	47.7	48.2	47.4	45.6
1975	53.8	52.3	53.3	51.8	47.6	54.1	52.6	53.3	52.2	49.9
1976	56.9	55.6	56.9	54.6	50.5	57.2	55.9	56.8	55.2	52.9
1977	60.6	59.5	60.8	58.8	53.8	60.9	59.9	60.8	59.4	56.4
1978	65.2	64.4	65.3	64.3	59.2	65.6	64.7	65.1	64.8	61.9
1979	72.6	71.3	72.3	69.8	68.9	73.1	72.1	72.8	70.5	71.4
1980	82.4	82.4	83.7	80.4	79.4	82.9	83.6	84.7	81.2	82.1
1981	90.9	91.4	91.9	90.8	90.1	91.4	92.7	93.1	91.6	92.8
1982	96.5	97.3	97.3	97.6	96.2	96.9	98.5	98.5	98.2	99.4
1983	99.6	98.9	99.1	98.4	99.0	99.8	99.0	99.3	98.2	99.0
1984	103.9	103.8	103.6	104.0	104.8	103.3	102.5	102.2	103.7	101.7
1985	107.6	108.6	108.4	108.4	110.4	106.9	106.7	106.5	107.8	104.5
1986	109.6	112.0	111.9	111.6	113.5	108.6	109.6	109.5	110.7	107.2
1987	113.6	116.5	116.7	115.4	117.5	112.5	113.9	114.0	114.3	111.1
1988	118.3	121.9	122.1	120.5	123.4	117.0	118.9	119.0	119.4	116.5
1989	124.0	128.0	128.3	126.4	130.6	122.6	124.9	124.9	125.5	123.5
1990	130.7	135.0	135.9	132.1	138.4	129.0	131.5	131.9	131.1	130.5
1991	136.2	140.6	141.4	137.9	143.4	134.3	136.7	137.1	136.3	134.7
1992	140.3	145.6	146.5	142.5	147.4	138.2	141.4	142.0	140.6	138.2
1993	144.5	149.4	150.3	146.3	150.6	142.1	144.7	145.2	144.3	140.9
1994	148.2	151.5	152.3	148.7	154.5	145.6	146.6	147.0	146.3	144.4
1995	152.4	154.0	154.6	151.6	156.8	149.8	149.1	149.4	149.3	147.0
1996	156.9	157.1	157.5	155.1	160.9	154.1	152.0	152.1	152.6	150.6
1997	160.5	160.5	160.0	160.4	163.7	157.6	155.0	154.3	157.4	152.9
1998	163.0	163.7	162.3	165.5	166.9	159.7	157.6	156.0	161.8	155.4
1999	166.6	168.5	166.1	172.5	172.8	163.2	162.2	159.6	168.8	161.3
2000	172.2	174.8	171.6	180.2	182.8	168.9	168.1	164.8	176.3	170.7
2001	177.1	181.7	177.3	189.9	191.2	173.5	174.7	170.2	185.7	178.9
2002	179.9	186.1	182.2	193.0	197.9	175.9	179.0	175.0	188.8	185.6
2003	184.0	190.4	187.0	196.4	205.3	179.8	183.8	180.3	192.4	192.6
2004	188.9	195.3	193.2	198.8	212.8	184.5	188.9	186.6	195.0	199.0
2005	195.3	202.6	201.8	202.7	220.6	191.0	195.9	194.9	199.1	206.3
2006	201.6	210.5	210.4	209.2	228.1	197.1	203.3	203.0	204.9	213.2
2007	207.3	217.4	217.3	216.0	233.3	202.8	209.9	209.7	211.4	218.3

California: Weighted average of San Francisco CMSA, Los Angeles CMSA and (from 1965-1986) San Diego indices.

Los Angeles CMSA: Includes the counties of Los Angeles, Orange, Riverside, San Bernardino, & Ventura.

San Francisco CMSA: Includes the counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, & Sonc

a/ The U.S. Bureau of Labor Statistics rebased all CPI indices from 1967 to 1982-84 starting with the release of data for January 1988. Historical data were also converted to the new base to facilitate comparisons over time. While the index numbers are different, the percentage changes should be comparable.

b/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research as a weighted average of the indices for Los Angeles-Anaheim-Riverside, San Francisco-Oakland-San Jose and, from 1965-86, San Diego.

n.a. Not available

Source: U.S. Bureau of Labor Statistics, http://stats.bls.gov/; California Department of Industrial Relations, Division of Labor Statistics and Research, http://

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TABLE D-17

CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS
BY EXPENDITURE CATEGORY, SELECTED AREAS, 2007
(1982-84=100)

	United States		California a/		Los Angeles-Anaheim-Riverside CMSA		San Francisco-Oakland-San Jose CMSA		San Diego	
	2007 Index	% chg. from 2006	2007 Index	% chg. from 2006	2007 Index	% chg. from 2006	2007 Index	% chg. from 2006	2007 Index	% chg. from 2006
All items	207.3	2.8	217.4	3.3	217.3	3.3	216.0	3.3	233.3	2.3
Food and beverages	203.3	3.9	n.a.	n.a.	211.2	3.7	215.3	4.1	212.0	4.1
Food	202.9	4.0	n.a.	n.a.	209.9	3.7	215.0	4.1	209.5	4.1
Food at home	201.2	4.2	n.a.	n.a.	219.6	5.2	215.5	4.4	194.3	2.3
Food away from home	206.7	3.6	n.a.	n.a.	195.1	1.9	213.6	3.5	227.2	5.9
Housing	209.6	3.1	n.a.	n.a.	236.9	5.1	238.1	3.3	261.0	2.6
Shelter	240.6	3.7	n.a.	n.a.	264.8	6.3	268.1	3.1	295.5	3.1
Rent of primary residence b/	234.7	4.3	n.a.	n.a.	263.8	6.1	277.3	3.9	279.1	3.7
Homeowners' equivalent rent c/	246.2	3.4	n.a.	n.a.	274.9	5.8	285.8	2.9	313.2	3.5
Fuels and utilities	200.6	3.0	n.a.	n.a.	232.9	0.8	248.1	3.9	194.9	0.6
Fuels	262.6	7.4	n.a.	n.a.	n.a.	--	n.a.	--	n.a.	--
Household furnishings and operation	126.9	-0.1	n.a.	n.a.	128.5	-1.0	127.7	3.9	176.6	0.9
Education and Communication e/	119.6	2.4	n.a.	n.a.	120.6	2.3	126.9	2.6	115.8	-0.6
Apparel	119.0	-0.4	n.a.	n.a.	104.4	-1.5	107.2	-1.7	123.4	-3.1
Transportation	184.7	2.1	n.a.	n.a.	183.2	0.9	166.6	3.2	193.2	1.5
Private	180.8	2.1	n.a.	n.a.	177.1	0.7	159.6	3.5	188.0	2.0
Public	230.0	1.5	n.a.	n.a.	d/	--	d/	--	d/	--
Gasoline (all types)	238.0	8.2	n.a.	n.a.	232.7	7.4	237.0	12.3	243.5	7.4
Medical care	351.1	4.4	n.a.	n.a.	340.0	3.6	353.2	6.8	n.a.	--
Recreation e/	111.4	0.5	n.a.	n.a.	114.3	-0.6	103.7	1.6	137.1	0.9
Energy	207.7	5.5	n.a.	n.a.	238.2	4.3	250.4	8.2	210.9	4.4
Other goods and services	333.3	3.6	n.a.	n.a.	330.3	2.6	353.4	2.5	333.5	1.8

California: Weighted average of San Francisco CMSA, Los Angeles CMSA and (from 1965-1986) San Diego indices.

Los Angeles CMSA: Includes the counties of Los Angeles, Orange, Riverside, San Bernardino, & Ventura.

San Francisco CMSA: Includes the counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, & Sonoma.

a/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research, as the weighted average of the indexes for the Los Angeles-Anaheim-Riverside, and San Francisco-Oakland-San Jose Metropolitan areas.
b/ Change of name, from Residential Rent
c/ Replaces Homeowners' Cost
d/ Discontinued
e/ New series, replaces Entertainment: Base = December 1997
n.a. Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics, http://stats.bls.gov/
California Department of Industrial Relations, Division of Labor Statistics and Research, http://www.dir.ca.gov/

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TABLE D-18

CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS, BY EXPENDITURE CATEGORY, SELECTED AREAS, 2001 TO 2007
(1982-84=100)

	United States							Los Angeles-Anaheim-Riverside CMSA							San Francisco-Oakland-San Jose CMSA						
	2001	2002	2003	2004	2005	2006	2007	2001	2002	2003	2004	2005	2006	2007	2001	2002	2003	2004	2005	2006	2007
All items	177.1	179.9	184.0	188.9	195.3	201.6	207.3	177.3	182.2	187.0	193.2	201.8	210.4	217.3	189.9	193.0	196.4	198.8	202.7	209.2	216.0
Food and beverages	173.6	176.8	180.5	186.6	191.2	195.7	203.3	181.1	184.9	190.2	195.5	199.8	203.7	211.2	181.8	186.2	190.7	199.7	203.1	206.8	215.3
Food	173.1	176.2	180.0	186.2	190.7	195.2	202.9	179.3	183.1	188.4	193.8	198.1	202.4	209.9	182.2	186.1	190.6	199.7	202.9	206.5	215.0
Food at home	173.4	175.6	179.4	186.2	189.8	193.1	201.2	188.8	191.7	197.8	204.2	206.4	208.7	219.6	188.1	189.9	195.7	205.1	205.4	206.5	215.5
Food away from home	173.9	178.3	182.1	187.5	193.4	199.4	206.7	165.6	170.6	174.9	178.7	185.2	191.4	195.1	175.6	182.1	184.9	193.2	199.6	206.3	213.6
Housing	176.4	180.3	184.8	189.5	195.7	203.2	209.6	179.5	188.1	193.2	200.8	212.7	225.5	236.9	216.5	221.4	223.7	221.5	223.8	230.5	238.1
Shelter	200.6	208.1	213.1	218.8	224.4	232.1	240.6	192.8	203.2	211.4	222.4	235.7	249.1	264.8	243.9	251.9	254.4	252.6	254.2	260.0	268.1
Rent of primary residence a/	192.1	199.7	205.5	211.0	217.3	225.1	234.7	186.4	197.0	207.4	220.7	234.9	248.5	263.8	252.9	262.5	262.8	262.2	263.0	267.0	277.3
Homeowners' equivalent rent b/	206.3	214.7	219.9	224.9	230.2	238.2	246.2	200.8	211.5	221.7	232.3	246.5	259.9	274.9	262.1	273.3	273.4	271.9	272.3	277.9	285.8
Fuels and utilities	150.2	143.6	154.5	161.9	179.0	194.7	200.6	178.2	187.0	186.9	184.7	202.2	231.1	232.9	184.9	180.1	193.3	191.9	211.6	238.9	248.1
Fuels	135.4	127.2	138.2	144.4	161.6	244.6	262.6	178.5	188.8	187.2	182.0	202.8	n.a.	n.a.	194.7	183.1	199.0	190.7	219.5	n.a.	n.a.
Household furnishings and operation	129.1	128.3	126.1	125.5	126.1	127.0	126.9	128.3	128.9	123.9	122.3	125.9	129.8	128.5	131.9	129.7	125.9	123.0	120.7	122.9	127.7
Education and Communication e/	105.2	107.9	109.8	111.6	113.7	116.8	119.6	101.5	103.1	107.0	111.5	115.4	117.9	120.6	107.7	110.1	113.3	115.1	119.4	123.6	126.9
Apparel	127.3	124.0	120.9	120.4	119.5	119.5	119.0	112.1	109.0	106.4	105.0	105.4	105.9	104.4	111.2	109.0	109.7	108.3	107.3	109.0	107.2
Transportation	154.3	152.9	157.6	163.1	173.9	180.9	184.7	155.3	154.5	160.3	166.5	174.8	181.6	183.2	143.7	141.0	144.9	149.6	156.1	161.5	166.6
Private	150.0	148.8	153.6	159.4	170.2	177.0	180.8	149.1	148.3	154.6	161.4	169.3	175.8	177.1	136.2	133.7	137.8	142.3	149.3	154.2	159.6
Public	210.6	207.4	209.3	209.1	217.3	226.6	230.0	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/
Gasoline (all types)	124.0	116.0	135.1	159.7	194.7	219.9	238.0	122.2	117.6	142.1	165.6	191.0	216.7	232.7	135.0	119.9	145.1	162.5	188.9	211.1	237.0
Medical care	272.8	285.6	297.1	310.1	323.2	336.2	351.1	265.6	281.2	290.1	300.1	315.4	328.1	340.0	255.2	265.8	273.6	292.1	300.5	330.7	353.2
Recreation c/ e/	104.9	106.2	107.5	108.6	109.4	110.9	111.4	106.0	108.9	110.2	112.2	113.1	115.0	114.3	93.4	93.7	94.9	97.6	99.6	102.1	103.7
Energy	129.3	121.7	136.5	151.4	177.1	196.9	207.7	143.2	145.5	160.4	174.5	198.8	228.5	238.2	158.5	144.5	166.1	175.5	203.8	231.4	250.4
Other goods and services	282.6	293.2	298.7	304.7	313.4	321.7	333.3	295.1	296.7	298.8	301.9	308.8	322.0	330.3	301.5	310.6	321.9	327.8	336.2	344.7	353.4

Los Angeles CMSA: Includes the counties of Los Angeles, Orange, Riverside, San Bernardino, & Ventura.

San Francisco CMSA: Includes the counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, & Sonoma.

a/ Change of name, from Residential Rent
b/ Replaces Homeowners' Cost
c/ New series, replaces Entertainment
d/ Discontinued
e/ Base = December 1997

Source: U.S. Department of Labor, Bureau of Labor Statistics, http://stats.bls.gov/

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TABLE D-19

AVERAGE ANNUAL EXPENDITURE OF ALL CONSUMER UNITS BY TYPE OF EXPENDITURE
IN SELECT CALIFORNIA METROPOLITAN AREAS
2001-02 TO 2005-06

Item	2001-02			2002-03			2003-04			2004-05			2005-06		
	Los Angeles	San Francisco	San Diego	Los Angeles	San Francisco	San Diego	Los Angeles	San Francisco	San Diego	Los Angeles	San Francisco	San Diego	Los Angeles	San Francisco	San Diego
Number of consumer units (in thousands) a/	5,026	2,768	852	5,169	2,770	871	5,086	2,632	910	5,112	2,724	892	5,279	2,923	954
Consumer unit characteristics:															
Income before taxes	$55,543	$75,270	$47,722	$56,275	$74,377	$55,169	$59,557	$75,390	$62,122	$65,810	$86,935	$69,067	$70,847	$90,781	$73,846
Age of reference person	47.4	48.0	49.3	47.4	48.0	48.8	47.4	47.5	49.2	46.9	47.0	50.1	46.7	47.5	48.7
Average number in a consumer unit:															
Persons	2.8	2.5	2.6	2.8	2.6	2.7	2.9	2.6	2.6	2.9	2.6	2.6	2.9	2.5	2.6
Children under 18	0.8	0.7	0.7	0.8	0.7	0.7	0.8	0.6	0.6	0.8	0.6	0.6	0.8	0.6	0.6
Persons 65 and over	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3
Earners	1.5	1.4	1.3	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4
Vehicles	1.9	1.9	1.8	1.9	1.9	2.0	1.9	1.9	2.0	1.9	1.8	1.9	1.9	1.9	1.9
Percent homeowner	55	61	55	56	63	58	57	61	62	58	56	63	57	58	56
Average annual expenditure:	$47,459	$55,346	$42,588	$49,765	$53,135	$47,137	$52,652	$56,162	$53,949	$55,760	$60,992	$59,805	$58,404	$66,344	$62,321
Food	5,883	6,453	5,036	6,402	6,551	5,929	7,194	7,108	6,545	7,062	7,581	6,437	7,222	7,942	6,238
Food at home	3,215	3,423	2,734	3,506	3,628	3,175	4,064	3,896	3,472	3,876	3,909	3,462	3,873	4,173	3,261
Food away from home	2,668	3,029	2,301	2,895	2,923	2,754	3,131	3,212	3,073	3,185	3,672	2,976	3,349	3,769	2,977
Alcoholic beverages	414	605	354	467	607	382	563	643	445	485	628	613	475	757	755
Housing	17,602	21,127	17,050	17,986	20,349	17,797	18,714	21,075	19,365	19,911	22,885	21,484	21,190	26,382	23,034
Shelter	11,675	14,592	11,465	11,852	14,552	11,553	12,054	14,527	13,041	13,030	15,947	14,511	14,312	18,845	15,654
Owned dwellings	7,021	8,960	6,883	7,218	9,322	6,407	7,378	9,229	7,575	8,122	10,068	9,118	8,994	12,442	9,517
Rented dwellings	4,065	4,932	4,138	4,089	4,580	4,520	4,114	4,552	4,690	4,383	4,928	4,627	4,775	5,112	5,374
Other lodging	589	700	443	544	649	627	562	746	777	524	951	767	543	1,290	763
Utilities, fuels, and public services	2,576	2,645	2,454	2,568	2,566	2,608	2,713	2,670	2,633	2,908	2,711	2,767	2,996	2,925	3,001
Household operations	1,012	1,326	935	947	1,208	930	1,124	1,321	1,100	1,224	1,384	1,561	1,235	1,574	1,830
Housekeeping supplies	478	514	429	585	514	582	652	645	723	632	634	646	643	625	499
Household furnishings and equipment	1,861	2,050	1,767	2,035	1,510	2,123	2,172	1,912	1,868	2,119	2,210	1,999	2,004	2,414	2,049
Apparel and services	2,001	2,245	1,435	2,246	2,196	1,897	2,514	2,321	2,114	2,386	2,382	1,935	2,396	2,524	2,111
Transportation	8,861	9,223	7,806	9,162	8,802	8,652	9,733	8,878	9,871	10,972	9,518	11,301	10,716	10,080	11,115
Vehicle purchases (net outlay)	3,923	3,962	3,424	4,019	3,776	3,600	4,096	3,441	4,532	4,996	3,347	5,681	4,443	3,492	4,959
Gasoline and motor oil	1,475	1,472	1,335	1,580	1,455	1,513	1,938	1,590	1,733	2,312	1,922	2,094	2,566	2,309	2,542
Other vehicle expenses	2,955	2,962	2,643	3,070	2,870	3,109	3,116	3,018	2,831	3,029	3,296	2,587	2,980	3,261	2,753
Public transportation	508	828	404	493	701	429	583	830	775	635	953	939	727	1,017	862
Health care	2,031	2,349	1,884	2,196	2,580	2,275	2,309	2,775	2,605	2,275	2,773	3,038	2,316	2,820	3,421
Entertainment	2,301	2,383	1,965	2,386	2,273	2,122	2,373	2,496	2,412	2,719	2,938	2,653	2,743	3,080	2,774
Personal care products and services	608	555	519	755	595	683	810	643	760	798	664	805	815	734	866
Reading	158	270	145	152	207	137	151	197	158	158	212	192	141	205	154
Education	826	1,073	504	899	933	901	896	1,072	1,271	960	1,107	1,245	1,127	1,106	986
Tobacco products and smoking supplies	190	228	195	194	223	209	190	179	191	179	143	136	199	151	99
Miscellaneous b/	1,037	997	869	911	774	848	754	755	763	848	1,014	940	1,014	1,073	1,161
Cash contributions c/	1,223	1,544	925	1,426	1,218	1,003	1,329	1,554	2,072	1,272	1,607	2,520	1,710	1,741	2,470
Personal insurance and pensions	4,325	6,294	3,903	4,582	5,825	4,302	5,121	6,467	5,377	5,736	7,538	6,507	6,340	7,748	7,138

a/ A consumer unit consists of any of the following: (1) All members of a particular household who are related by blood, marriage, adoption, or other legal arrangements; (2) a person living alone or sharing a household with others or living as a roomer in a private home or lodging house or in permanent living quarters in a hotel or motel, but who is financially independent; or (3) two or more persons living together who use their incomes to make joint expenditure decisions.
b/ Includes safety deposit box rental, checking account fees and other bank services, legal fees, accounting fees, funerals, cemetery lots, union dues, occupational expenses, and finance charges other than for mortgage and vehicles.
c/ Includes cash contributed to persons or organizations outside the consumer unit including alimony and child support payments, care of students away from home, and contributions to religious, educational, charitable, or political organizations.

Source: U.S. Bureau of Labor Statistics, Consumer Expenditure Survey reports, http://stats.bls.gov/

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE D-20

MEDIAN FAMILY AND HOUSEHOLD INCOME IN CALIFORNIA

Year		Median FAMILY a/ income	Percent change	Median HOUSEHOLD b/ income	Percent change
Census of Population:					
1959		$6,726	--	$5,527	--
1969		10,828	--	9,302	--
1979		21,537	--	18,248	--
1989		40,559	--	35,798	--
Current Population Survey:					
1980		21,200	--	17,400	--
1981		23,300	9.9	19,600	12.6
1982		24,300	4.3	20,400	4.1
1983		25,200	3.7	21,300	4.4
1984		26,400	4.8	22,700	6.6
1985		29,000	9.8	25,200	11.0
1986		30,800	6.2	27,000	7.1
1987		33,200	7.8	29,000	7.4
1988		34,000	2.4	30,200	4.1
1989		34,500	1.5	30,300	0.3
1990		37,700	9.3	33,300	9.9
1991		38,200	1.3	33,500	0.6
1992		37,400	(2.1)	33,900	1.2
1993		39,100	4.5	35,100	3.5
1994		37,700	--	34,100	--
1995		41,400	9.8	35,300	3.5
1996		43,500	5.1	37,100	5.1
1997		44,700	2.8	39,000	5.1
1998		46,500	4.0	40,600	4.1
1999		49,800	7.1	43,800	7.9
2000		52,000	4.4	46,900	7.1
2001		53,400	2.7	47,177	0.6
2002		54,800	2.6	47,500	0.7
2003		57,130	4.3	49,320	3.8
2004		55,000	(3.7)	49,185	(0.3)
2005		60,000	9.1	51,831	5.4
2006		62,005	3.3	55,000	6.1
2007	C/	63,932	3.1	55,450	0.8

C/ Income that were previously reported for 2007 were in error. The correct figures are reflected herein.
a/ A family is a group of two people or more (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such people (including related subfamily members) are considered as members of one family.
b/ A household includes the related family members and all the unrelated people who occupy a housing unit. A person living alone in a housing unit, or a group of unrelated people sharing a housing unit is also counted as a household.
Note: Data for 1994 onward are not comparable to prior historical data because of the Current Population Survey redesign.

Department of Finance
Demographic Research Unit
(916) 322-4651
http://www.dof.ca.gov

TABLE D-21

MEDIAN INCOME AND POVERTY STATUS, 2000 CENSUS

County	Median income in 1999 dollars		Income in 1999 below poverty level a/			
			Percent of population for whom poverty status is determined			
	Households	Families	All ages	Related children under 18 years	65 years and over	Percent of families
California	$47,493	$53,025	14.2	19.0	8.1	10.6
Alameda	55,946	65,857	11.0	13.5	8.1	7.7
Alpine	41,875	50,250	19.5	27.4	10.1	12.0
Amador	42,280	51,226	9.2	13.1	5.4	6.1
Butte	31,924	41,010	19.8	23.8	7.3	12.2
Calaveras	41,022	47,379	11.8	15.6	6.2	8.7
Colusa	35,062	40,138	16.1	19.5	8.2	13.0
Contra Costa	63,675	73,039	7.6	9.8	6.0	5.4
Del Norte	29,642	36,056	20.2	26.7	8.2	16.4
El Dorado	51,484	60,250	7.1	7.6	5.0	5.0
Fresno	34,725	38,455	22.9	31.7	9.9	17.6
Glenn	32,107	37,023	18.1	26.3	7.6	12.5
Humboldt	31,226	39,370	19.5	22.5	7.2	12.9
Imperial	31,870	35,226	22.6	28.7	13.6	19.4
Inyo	35,006	44,970	12.6	16.0	8.3	9.3
Kern	35,446	39,403	20.8	27.8	10.5	16.8
Kings	35,749	38,111	19.5	25.9	8.8	15.8
Lake	29,627	35,818	17.6	22.8	7.3	12.9
Lassen	36,310	43,398	14.0	16.1	7.8	11.1
Los Angeles	42,189	46,452	17.9	24.2	10.5	14.4
Madera	36,286	39,226	21.4	28.6	9.0	15.9
Marin	71,306	88,934	6.6	6.9	4.5	3.7
Mariposa	34,626	42,655	14.8	16.5	9.0	10.5
Mendocino	35,996	42,168	15.9	21.5	7.7	10.9
Merced	35,532	38,009	21.7	28.4	10.7	16.9
Modoc	27,522	35,978	21.5	29.7	8.6	16.4
Mono	44,992	50,487	11.5	12.2	1.9	6.3
Monterey	48,305	51,169	13.5	17.4	6.8	9.7
Napa	51,738	61,410	8.3	10.6	5.6	5.6
Nevada	45,864	52,697	8.1	9.5	4.9	5.5
Orange	58,820	64,611	10.3	13.2	6.2	7.0
Placer	57,535	65,858	5.8	6.3	3.8	3.9
Plumas	36,351	46,119	13.1	16.7	6.4	9.0
Riverside	42,887	48,409	14.2	18.5	7.6	10.7
Sacramento	43,816	50,717	14.1	20.2	6.6	10.3
San Benito	57,469	60,665	10.0	11.4	8.5	6.7
San Bernardino	42,066	46,574	15.8	20.6	8.4	12.6
San Diego	47,067	53,438	12.4	16.5	6.8	8.9
San Francisco	55,221	63,545	11.3	13.5	10.5	7.8
San Joaquin	41,282	46,919	17.7	23.7	10.0	13.5
San Luis Obispo	42,428	52,447	12.8	11.4	5.9	6.8
San Mateo	70,819	80,737	5.8	6.0	5.1	3.5
Santa Barbara	46,677	54,042	14.3	16.3	6.2	8.5
Santa Clara	74,335	81,717	7.5	8.4	6.4	4.9
Santa Cruz	53,998	61,941	11.9	12.5	6.3	6.7
Shasta	34,335	40,491	15.4	21.0	7.3	11.3
Sierra	35,827	42,756	11.3	14.3	2.2	9.0
Siskiyou	29,530	36,890	18.6	26.6	7.3	14.0
Solano	54,099	60,597	8.3	10.3	6.3	6.1
Sonoma	53,076	61,921	8.1	8.4	5.7	4.7
Stanislaus	40,101	44,703	16.0	20.5	8.8	12.3
Sutter	38,375	44,330	15.5	21.3	7.7	12.1
Tehama	31,206	37,277	17.3	24.0	9.2	13.0
Trinity	27,711	34,343	18.7	26.2	7.2	14.1
Tulare	33,983	36,297	23.9	32.6	10.5	18.8
Tuolumne	38,725	44,327	11.4	16.2	4.0	8.1
Ventura	59,666	65,285	9.2	11.6	6.3	6.4
Yolo	40,769	51,623	18.4	16.0	7.4	9.5
Yuba	30,460	34,103	20.8	27.6	7.8	16.3

a/ Poverty status was determined for all persons except institutionalized persons, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years old.

Household: A household includes the related family members and all the unrelated people who occupy a housing unit. A person living alone in a housing unit, or a group of unrelated people sharing a housing unit is also counted as a household.

Family: A family is a group of two people or more (one of whom is the householder) related by birth, marriage, or adoption and residing together; all such people (including related subfamily members) are considered as members of one family.

Source: U.S. Department of Commerce, Bureau of the Census, SF3, http://www.census.gov/

TABLE D-22

LOWER LIVING INCOME LEVELS AND POVERTY GUIDELINES
FOR CALIFORNIA COUNTIES, 2008

SAN DIEGO MSA

Annual Family Income	Family Size: One	Two	Three	Four	Five	Six	Each Additional Member Add
70% Lower Living Standard Income Levels a/	$10,453	$17,124	$23,512	$29,021	$34,248	$40,055	$5,807
Poverty Guidelines a/	$10,400	$14,000	$17,600	$21,200	$24,800	$28,400	$3,600

LOS ANGELES/RIVERSIDE/ORANGE COUNTY MSA
(Anaheim, Carson/Lomita/Torrance, Foothill, Long Beach, Los Angeles City, Los Angeles County, Orange County, Riverside County, Santa Ana, San Bernardino City, San Bernardino County, SELACO, South Bay, Ventura, Verdugo)

Annual Family Income	Family Size: One	Two	Three	Four	Five	Six	Each Additional Member Add
70% Lower Living Standard Income Levels a/	$9,774	$16,017	$21,991	$27,148	$32,036	$37,470	$5,434
Poverty Guidelines a/	$10,400	$14,000	$17,600	$21,200	$24,800	$28,400	$3,600

SAN FRANCISCO/OAKLAND/SAN JOSE MSA
(Alameda, Contra Costa, Marin, Napa, NOVA, Oakland, Richmond, San Francisco, San Jose, San Mateo, Santa Cruz, Solano, Sonoma)

Annual Family Income	Family Size: One	Two	Three	Four	Five	Six	Each Additional Member Add
70% Lower Living Standard Income Levels a/	$9,809	$16,073	$22,060	$27,233	$32,138	$37,587	$5,449
Poverty Guidelines a/	$10,400	$14,000	$17,600	$21,200	$24,800	$28,400	$3,600

OTHER MSAs
(Fresno, Golden Sierra, Imperial, Kern/Inyo/Mono, Kings, Madera, Merced, Monterey, NoRTEC, North Central, Sacramento, San Joaquin, San Luis Obispo, Santa Barbara, Stanislaus, Tulare, Yolo)

Annual Family Income	Family Size: One	Two	Three	Four	Five	Six	Each Additional Member Add
70% Lower Living Standard Income Levels a/	$9,240	$15,142	$20,790	$25,665	$30,285	$35,422	$5,137
Poverty Guidelines a/	$10,400	$14,000	$17,600	$21,200	$24,800	$28,400	$3,600

NONMETROPOLITAN AREAS
(Humboldt, Mendocino, Mother Lode, San Benito)

Annual Family Income	Family Size: One	Two	Three	Four	Five	Six	Each Additional Member Add
70% Lower Living Standard Income Levels a/	$8,924	$14,626	$20,081	$24,786	$29,252	$34,212	$4,960
Poverty Guidelines a/	$10,400	$14,000	$17,600	$21,200	$24,800	$28,400	$3,600

a/ When compared to an individual's family income, for the six month period immediately preceding application to a Job Training Partnership Act (JTPA) program, the higher of either the 70% Lower Living Standard Income Level or the Poverty Guideline is used as a measure that qualifies that individual for economically disadvantaged status.
b/ Exceeds the 70% Lower Living Standard Income Level.

Sources: U.S. Department of Labor and U.S. Department of Health and Human Services

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE D-23

MINIMUM WAGE HISTORY
CALIFORNIA AND UNITED STATES

CALIFORNIA (IWC)		UNITED STATES (FLSA)	
Women & Minors a/		Men & Women	
Year	$ Per Hour	Year	$ Per Hour
1916	0.16		
1918	0.21 (10.00/week)		
1919	0.28 (13.50/week)		
1920	0.33 (16.00/week)		
		1938	0.25
		1939	0.30
1942 & 1943	0.45 - 0.50 b/		
		1945	0.40
1947	0.65		
		1950	0.75
1952	0.75		
		1956	1.00
1957	1.00		
1961	c/	1961	1.15
1963	1.25 c/	1963	1.25
1964	1.30 c/		
		1967	1.40 d/
1968	1.65 c/	1968	1.60 d/
1974	2.00 e/	1974	2.00 f/
		1975	2.10 f/
1976	2.50 g/	1976	2.30 f/
1978	2.65 i/	1978	2.65 h/
1979	2.90 i/	1979	2.90 h/
1980	3.10	1980	3.10 h/
1981	3.35	1981	3.35 h/
1988	4.25 j/		
		1990	3.80 k/
		1991	4.25 k/
1996	4.75	1996	4.75 l/
1997	5.00 / 5.15 m/	1997	5.15 l/
1998	5.75 m/		
2001	6.25		
2002	6.75		
2007	7.50	2007	5.85
2008	8.00	2008	6.55
		2009	7.25

IWC: Industrial Wage Commission
FLSA: Fair Labor Standards Act

Source:
California Department of Industrial Relations, Industrial Welfare Commission, (916) 324-4163
http://www.dir.ca.gov/

Department of Finance, Economic Research Unit, (916) 322-2263

Footnotes:

a/ In 1972, Labor Code was amended to include men under coverage by IWC Orders.

b/ In 1942 and 1943, the California minimum wage was raised to $0.45 per hour in 7 of the 10 orders then in effect; in 1943, it was raised to $0.50 per hour in the remaining three orders.

c/ In 1961, IWC promulgated a new order covering women and minors in agricultural occupations. Minimum wage was raised to $1.00 per hour for hourly-paid workers on farms employing 10 or more women and minors. Minimum wage was raised to $1.30 per hour in 1965 and extended to both hourly and piece-rate workers on farms employing five or more women and/or minors. In 1968, a revised order was issued raising the minimum wage to $1.65 per hour for women and $1.35 per hour for 16 and 17 year old minors.

d/ In 1966, the federal minimum wage was amended. Workers covered before 1966: $1.40 (2/1/67) and $1.60 (2/1/68). Newly-covered employees: $1.00 (2/1/67), $1.15 (2/1/68), $1.30 (2/1/69), $1.45 (2/1/70), and $1.60 (2/1/71). Agricultural workers: $1.00 (2/1/67), $1.15 (2/1/68) and $1.30 (2/1/69).

e/ Extended to men, effective 3/4/74.

f/ In 1974, the federal wage was amended. Workers covered before 1966: $2.00 (5/1/74), $2.10 (1/1/75), and $2.30 (1/1/76). Workers covered by 1966 and 1974 amendments: $1.90 (5/1/74), $2.00 (1/1/75), $2.20 (1/1/76), and $2.30 (1/1/77). Agricultural workers: $1.60 (5/1/74), $1.80 (1/1/75), $2.00 (1/1/76), $2.20 (1/1/77), and $2.30 (1/1/78).

g/ In 1976, all IWC orders, effective 10/18/76, provided $2.50 per hour, except a rate of $2.15 allowed for learners and minors, within limitations.

h/ In 1977, federal minimum in all industries, including agriculture, amended as follows: $2.65 (1/1/78), $2.90 (1/1/79), $3.10 (1/1/80), and $3.35 (1/1/81).

i/ In 1976, California Legislature provided short procedure for IWC to raise state minimum to federal minimum whenever federal goes higher. IWC issued Order MW-78, effective 4/1/78, to raise minimum to $2.65 in 1978 and $2.90 in 1979. IWC retained authority to set minimum wage higher than federal under regular procedures for amendment of orders.

j/ California minimum wage raised, effective 7/1/88.

k/ Federal wage raised to $3.80 on 4/1/90 and $4.25 on 3/31/91.

l/ Federal wage raised to $4.75 on 10/1/96 and $5.15 on 9/1/97.

m/ California's Prop. 210 passed in 11/97 election, increased California's minimum wage to $5.00, effective 3/1/97 and to $5.75, effective 3/1/98.

SECTION E
HEALTH AND WELFARE

Compiled under this broad heading are tables relating to vital statistics, mental health, rehabilitation, and social insurance. Major data sources include: Department of Health Services; Department of Public Health; Department of Mental Health; Department of Rehabilitation; Department of Corrections; Department of Social Services; and Employment Development Department.

TABLE E-1

VITAL STATISTICS, CALIFORNIA, 1990 TO 2005
(By place of residence)

Event	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Live births	611,666	609,228	600,838	584,483	567,034	551,226	538,628	524,174	521,265	518,073	531,285	527,371	529,245	540,827	544,685	548,700
Deaths	213,766	214,220	214,586	220,271	222,854	222,626	222,308	223,438	225,450	227,965	228,281	232,790	233,246	239,325	232,464	236,220
Infant deaths a/	4,828	4,596	4,174	3,970	3,948	3,478	3,186	3,091	2,994	2,787	2,884	2,815	2,875	2,819	2,811	2,913
Neonatal deaths b/	2,959	2,774	2,545	2,429	2,467	2,164	2,041	2,056	1,993	1,843	1,957	1,889	1,922	1,909	1,904	1,977
Fetal deaths c/	3,989	3,834	3,704	3,574	3,299	3,355	3,330	2,996	3,053	2,927	3,046	2,952	2,870	2,929	2,873	3,011
Maternal deaths d/	55	65	57	45	55	47	30	45	34	43	59	54	56	82	74	106

a/ Infant deaths are those under one year.
b/ Neonatal deaths are those under 28 days.
c/ Fetal deaths are those of 20 weeks or more gestation.
d/ Maternal deaths due to complications of pregnancy, childbirth and the puerperium, Tenth Revision, International Classification of Diseases, Number O00-O99
Source: State of California Department of Public Health, 2005 Birth, Death and Fetal Death Records

TABLE E-2

DEATHS BY SEX AND AGE,
CALIFORNIA, 2005
(By place of residence)

Age group	Total	Male	Female
Total	236,220	119,228	116,992
Under 1 year	2,913	1,604	1,309
1-4	557	322	235
5-14	707	409	298
15-24	3,771	2,889	882
25-34	4,318	3,130	1,188
35-44	8,815	5,740	3,075
45-54	18,664	11,725	6,939
55-64	26,437	15,830	10,607
65-74	36,506	20,263	16,243
75-84	65,385	32,338	33,047
85 and over	68,099	24,936	43,163
Age not stated	48	42	6

TABLE E-3

TEN LEADING CAUSES OF DEATH, CALIFORNIA, 2005
(By place of residence)

Cause of death	Tenth Revision International Classification of Diseases Code	Number	Rate a/	Percent
All causes	A00-Y899	236,220	639.2	100.0
Diseases of the heart	I00-I09, I11, I13, I20-I51	64,689	175.0	27.4
Malignant neoplasms	C00-C97	54,613	147.8	23.1
Cerebrovascular disease	I60-I69	15,551	42.1	6.6
Chronic lower respiratory diseases	J40-J47	13,167	35.6	5.6
Accidents	V01-X59, Y85-Y86	10,926	29.6	4.6
Alzheimer's disease	G30	7,694	20.8	3.3
Diabetes	E10-E14	7,679	20.8	3.3
Influenza and pneumonia	J10-J18	7,537	20.4	3.2
Chronic liver disease and cirrhosis	K70, K73-K74	3,819	10.3	1.6
Intentional self-harm (suicide)	U03, X60-X84, Y87.0	3,188	8.6	1.3
All other causes	Residual	47,357	--	20.0

a/ Rates are per 100,000 population.
Percents are rounded independently and may not add to totals.
Source: State of California Department of Public Health, 2005 Death Records

TABLE E-4

CASES AND DEATHS, SELECTED NOTIFIABLE DISEASES IN CALIFORNIA

I.C.D.		1990		2000		2002		2003		2004	
10th Edition		Cases	Deaths a/	Cases	Deaths a/	Cases	Deaths a/	Cases	Deaths a/	Cases	Deaths a/
B20-B24	AIDS	8,827	5,041	n.a.	1,453	n.a.	1,423	n.a.	1,364	n.a.	1,377
A06	Amoebiasis	1,638	2	n.a.	--	n.a.	1	n.a.	1	n.a.	--
A22	Anthrax	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A05.1	Botulism	36	--	n.a.	4	n.a.	1	n.a.	1	n.a.	--
A23	Brucellosis	26	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
P01.9, P35.8 *	Chickenpox (Varicella-Zoster)	904	32	n.a.	--	n.a.	--	n.a.	--	n.a.	--
B38 *	Coccidioidomycosis	441	23	n.a.	22	n.a.	36	n.a.	34	n.a.	58
A93.2	Colorado Tick Fever	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
P39.1	Conjunctivitis of the Newborn	25	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
	Diarrhea of the Newborn h/	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A36	Diphtheria	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	1
	Encephalitis, Viral	125	17	n.a.	--	n.a.	--	n.a.	--	n.a.	--
	Food & Waterborne Illness	1,079	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
P35.0	Rubella-Congenital	8	6	n.a.	2	n.a.	--	n.a.	1	n.a.	2
B15-B19 *	Hepatitis, Viral	10,594	265	n.a.	677	n.a.	833	n.a.	658	n.a.	727
B15	A (Infectious)	6,408	15	n.a.	10	n.a.	14	n.a.	6	n.a.	7
B16	B (Serum)	2,940	145	n.a.	88	n.a.	98	n.a.	78	n.a.	82
B17.1, B17.8 *	Non-A, Non-B b/	623	--	n.a.	464	n.a.	578	n.a.	480	n.a.	512
B17.0	D	8	105	n.a.	--	n.a.	--	n.a.	--	n.a.	--
B19	Unspecified	615	--	n.a.	18	n.a.	16	n.a.	4	n.a.	12
A30	Leprosy	79	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A27	Leptospirosis	3	1	n.a.	--	n.a.	--	n.a.	--	n.a.	--
B50-B54	Malaria	328	--	n.a.	--	n.a.	1	n.a.	--	n.a.	1
B05	Measles: Indigenous	12,719	39	n.a.	--	n.a.	1	n.a.	--	n.a.	--
	Measles: Imported	91	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A87 *	Meningitis, Viral	1,525	7	n.a.	3	n.a.	7	n.a.	3	n.a.	6
A39	Meningococcal Inf.: d/	426	--	n.a.	40	n.a.	24	n.a.	24	n.a.	20
A39.2-A39.4 *	Meningococcemia	--	46	n.a.	16	n.a.	12	n.a.	8	n.a.	13
A39.0 *	Meningitis	--	--	n.a.	15	n.a.	5	n.a.	11	n.a.	7
B26	Mumps	571	1	n.a.	--	n.a.	1	n.a.	1	n.a.	--
A37.0 *	Pertussis	467	--	n.a.	1	n.a.	1	n.a.	--	n.a.	2
A20	Plague	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A80	Poliomyelitis	--	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A70	Psittacosis	8	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A78	Q Fever	2	1	n.a.	--	n.a.	--	n.a.	1	n.a.	--
A82	Rabies, Human	--	--	n.a.	1	n.a.	1	n.a.	--	n.a.	1
A68	Relapsing Fever	10	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
I00-I02 *	Rheumatic Fever	25	11	n.a.	4	n.a.	7	n.a.	4	n.a.	3
A77.0	Rocky Mt. Spotted Fever	1	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A01.1-A01.4, A02 *	Salmonella	5,725	8	n.a.	5	n.a.	--	n.a.	7	n.a.	5
A03	Shigellosis	5,703	4	n.a.	1	n.a.	--	n.a.	--	n.a.	--
A49.1 *	Streptococcal Infections c/	6	2	n.a.	9	n.a.	9	n.a.	12	n.a.	3
A33-A35 *	Tetanus	7	2	n.a.	--	n.a.	2	n.a.	--	n.a.	--
B75	Trichinosis	1	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A16-A19 *	Tuberculosis	4,889	211	n.a.	108	n.a.	135	n.a.	122	n.a.	117
A21	Tularemia	--	--	n.a.	--	n.a.	--	n.a.	1	n.a.	--
A01.0	Typhoid Fever	149	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A75 *	Typhus Fever	3	--	n.a.	1	n.a.	--	n.a.	--	n.a.	--
A50-A64 *	Venereal Disease e/	137,544	10	n.a.	7	n.a.	2	n.a.	3	n.a.	4
A57	Chancroid	159	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
	Chlamydia trachomatis g/	66,213	--	n.a.	--	n.a.	--	n.a.		n.a.	
A54 *	Gonococcal Infections	54,076	1	n.a.	1	n.a.	--	n.a.	1	n.a.	--
A58	Granuloma Inguinale	7	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A55	Lymphogranuloma venereum	24	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
A50-A53	Syphilis, Total f/	17,065	9	n.a.	5	n.a.	2	n.a.	2	n.a.	4
A51 *	Primary	2,220	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--
	Secondary	2,274	--	n.a.	--	n.a.	--	n.a.	--	n.a.	--

* The Tenth Revision of the International Classification of Diseases (ICD-10) codes may not be comparable to the Ninth Revision (ICD-9) codes. Caution should be used when looking at the number of deaths by year.

a/ Deaths shown above may not agree with deaths shown in vital statistics tables because some diseases are not listed separately in the International Classification of Diseases List of Causes of Death on which the vital statistics tables are based, or because the definitions of some of the diseases used in the International List differ from the definitions used for morbidity purposes.
b/ Non-A, Non-B is a new category added in 1982 by the Center for Disease Control, Atlanta, Georgia.
c/ Respiratory infections not included after 1988. After May 1989, cases reported only in foodhandlers, dairy workers and outbreaks.
d/ Prior subcategories combined for reporting beginning with 1993.
e/ Does not include NGU or PID.
f/ Also includes congenital, early latent, late and late latent syphilis.
g/ Chlamydia became a reportable disease in mid-1989; 1990 is considered the first full report year.
h/ Outbreak related cases only.
n.a. Not available at the time of publication.

Source: Department of Health Services, http://www.dhs.cahwnet.gov/;
Cases--Communicable Disease Control Division, Office of Statistics and Surveillance, (916) 323-9808; Deaths--Office of Health Information and Research, Vital Statistics Section, (916) 552-8095

TABLE E-5

NUMBER AND BED CAPACITY OF CALIFORNIA STATE LICENSED FACILITIES AS OF JULY 2008

Facility type	Number	Bed capacity
Total:	6,906	260,036
Acute Psychiatric Hospital	38	10,168
Acute Psychiatric Hospital - Distinct Part	111	4,310
Adult Day Health Care	343	n/a
Alternative Birthing Center	5	n/a
Ambulatory Surgical Center	20	n/a
Chemical Dependency Recovery Hospital	6	303
Chemical Dependency Recovery Hospital - Distint Part	4	108
Chronic Dialysis Clinic	408	8,097
Chronic Dialysis Clinic - Other Certifiable Part	1	n/a
Community Clinic	929	n/a
Community Clinic - Intermittent Clinc	19	n/a
Congregate Living Health Facility	47	395
Correctional Treatment Center	18	743
Correctional Treatment Center - Distinct Part	1	48
End Stage Renal Disease - Other Certifiable Part	24	n/a
Free Clinic	42	n/a
Free Clinic - Intermittent Clinic	7	n/a
General Acute Care Hospital	442	91,951
Home Health Agency	1,019	n/a
Hospice	237	n/a
Hospice - Other Certifiable Part	51	n/a
Intermediate Care Facility	9	726
Intermediate Care Facility - Distinct Part	23	5,192
Intermediate Care Facility:		
Developmentally Disabled	13	1,029
Developmentally Disabled - Distint Part	7	4,046
Developmentally Disabled - Habilitiative	794	4,887
Developmentally Disabled - Nursing	388	2,363
Out Patient/Speech Pathologist - Other Certifiable part	23	n/a
Pediatric Day Health & Respite Care Facility	12	249
Psychiatric Health Facility	3	16
Psychology Clinic	26	n/a
Referal Agency	11	n/a
Rehabilitation Clinic	37	n/a
Rural Health Clinic - Other certifiable part	52	n/a
Skilled Nursing Facility	1,150	113,341
Skilled Nursing Facility - Distinct Part	172	12,040
Special Hospital	1	24
Surgical Clinic	413	n/a

n/a Not available

Department of Health Services
Licensing and Certification Division
(916) 445-2070
http://www.dhs.cahwnet.gov/

TABLE E-6

ADMISSIONS, INPATIENT POPULATION, DEATHS AND DIRECT DISCHARGES, CALIFORNIA STATE HOSPITALS & PSYCHIATRIC PROGRAMS FOR THE MENTALLY DISABLED, 2007-08

State Hospitals (SH) & Psychiatric Programs (PP)	Admissions	Inpatient population June 30, 2008	In-patient Deaths	Dis-charges
Total	4,488	6,080	48	3,937
Atascadero SH	1,012	1,165	9	763
Coalinga SH	106	800	3	63
Metropolitan SH	472	685	8	568
Napa SH	486	1,271	13	408
Patton SH	1,222	1,730	13	968
Salinas Valley PP	192	166	0	164
Vacaville PP	998	263	2	1,003

Department of Mental Health
Statistics and Data Analysis
(916) 653-1885
http://www.dmh.ca.gov

TABLE E-7

INPATIENT POPULATION AND ADMISSIONS,
CAL. STATE HOSPITALS & PSYCHIATRIC PROGRAMS
FOR THE MENTALLY DISABLED, 2007-08

County	Inpatient population June 30, 2008	Admissions 2007-08
Total	6,080	4,488
Alameda	175	102
Alpine	0	0
Amador	16	10
Butte	59	40
Calaveras	9	1
Colusa	0	2
Contra Costa	136	64
Del Norte	22	21
El Dorado	22	13
Fresno	172	139
Glenn	12	11
Humboldt	39	26
Imperial	20	12
Inyo	3	3
Kern	141	151
Kings	34	39
Lake	20	12
Lassen	4	8
Los Angeles	1,535	1,375
Madera	40	15
Marin	23	13
Mariposa	5	3
Mendocino	35	23
Merced	57	45
Modoc	1	1
Mono	2	2
Monterey	78	50
Napa	64	75
Nevada	13	12
Orange	253	154
Placer	46	21
Plumas	1	2
Riverside	239	202
Sacramento	331	191
San Benito	7	8
San Bernardino	403	339
San Diego	472	294
San Francisco	240	103
San Joaquin	95	88
San Luis Obispo	119	77
San Mateo	90	47
Santa Barbara	55	37
Santa Clara	296	161
Santa Cruz	35	12
Shasta	40	29
Sierra	1	0
Siskiyou	14	7
Solano	192	162
Sonoma	93	50
Stanislaus	73	66
Sutter	18	11
Tehama	23	11
Trinity	4	1
Tulare	56	49
Tuolumne	8	5
Ventura	80	51
Yolo	36	19
Yuba	23	23
Out of State	0	0

Department of Mental Health
Statistics and Data Analysis
(916) 653-1885
http://www.dmh.ca.gov

TABLE E-8

LOCAL COUNTY MENTAL HEALTH PROGRAMS
UNDUPLICATED CLIENTS SERVED
TOTAL AND BY TYPE OF SERVICE AND NUMBER OF INPATIENT ADMISSIONS
CALIFORNIA, 2006-07

County	Total	Unduplicated Clients: Type of Service: Inpatient a/	Other 24-Hour	Day	Outpatient	Inpatient admissions a/
Total	663,610	48,799	15,734	69,241	634,401	65,625
Alameda b/	29,555	2,411	961	7,745	25,610	3,697
Alpine	44	0	0	0	44	0
Amador	716	0	1	0	714	6
Butte	6,913	527	33	165	6,884	945
Calaveras	517	0	0	31	508	22
Colusa	636	5	1	2	635	4
Contra Costa	14,494	946	508	3,951	13,092	1,504
Del Norte	1,567	10	0	25	1,562	15
El Dorado	2,441	324	5	96	2,286	458
Fresno	21,808	1,107	117	2,823	21,580	1,339
Glenn	713	43	8	9	710	34
Humboldt	3,356	369	0	705	3,278	440
Imperial	3,841	0	5	0	3,837	107
Inyo	430	0	6	5	429	6
Kern	14,109	1,042	0	1,423	13,742	1,123
Kings	3,501	211	55	0	3,490	359
Lake	2,141	212	84	16	2,135	472
Lassen	933	0	0	55	928	23
Los Angeles c/	202,284	14,014	2,972	17,496	192,150	15,639
Madera	3,056	182	29	0	3,043	285
Marin	3,391	118	250	1,050	2,919	196
Mariposa	549	29	10	0	545	69
Mendocino	2,585	105	30	71	2,567	91
Merced	5,319	358	75	472	5,234	608
Modoc c/	380	0	0	0	377	15
Mono	188	0	0	0	188	0
Monterey	5,473	423	197	193	5,405	546
Napa	1,610	0	127	0	1,603	69
Nevada	1,231	19	46	68	1,227	20
Orange	44,946	1,813	1,767	2,829	43,746	2,045
Placer	3,800	408	95	232	3,680	407
Plumas	686	13	2	26	686	4
Riverside	32,990	3,878	584	7,866	29,426	5,579
Sacramento c/	30,892	2,606	600	4,882	28,426	3,545
San Benito	1,228	25	4	1	1,226	23
San Bernardino	34,459	4,599	403	548	34,247	5,867
San Diego	45,343	3,320	1,843	5,224	44,999	3,856
San Francisco	23,950	1,872	1,147	4,254	22,344	3,078
San Joaquin	12,608	943	600	426	12,480	1,357
San Luis Obispo	4,155	785	107	144	3,986	1,184
San Mateo	10,313	687	739	2,093	9,282	1,045
Santa Barbara	7,921	483	20	20	7,849	613
Santa Clara	14,509	0	957	1,869	14,006	426
Santa Cruz	4,348	0	304	327	4,322	239
Shasta	4,928	250	389	585	4,708	293
Sierra	126	0	0	0	126	2
Siskiyou c/	1,398	0	0	104	1,387	39
Solano	4,936	0	205	201	4,905	31
Sonoma	4,740	0	126	540	4,674	314
Stanislaus	10,714	1,966	67	57	10,682	3,572
Tehama	1,907	0	0	454	1,748	15
Trinity	412	12	6	2	412	32
Tulare	8,710	436	102	8	8,621	870
Tuolumne	1,407	0	0	0	1,379	137
Ventura	9,536	1,719	99	31	9,476	2,404
Yolo c/	2,940	225	39	48	3,019	201
Sutter/Yuba	4,373	304	9	69	4,283	355
Tri-City	1,554	0	0	0	1,554	0

a/ Hospitals, Psychiatric Health Facilities, and inpatient consolidation data
b/ Data for Berkeley City are included in Alameda County data
c/ Data are incomplete and reflect estimated counts

California State Department of Mental Health
Research and Evaluation Branch, (916) 653-6257; http://www.dmh.ca.gov/

TABLE E-9

REHABILITATED CLIENTS
2006-07

Characteristics	2006-07
Total rehabilitated clients	13,785
Median age (years)	39.0
Median education (years in school)	12.0
Sex	
Male	8,042
Female	5,743
Race	
White	6,839
Hispanic	650
Black	2,136
Other	4,160
Unknown	0
Primary disability	
Sensory impairments	1,846
Physical impairments	5,943
Mental impairments	5,826
Acquired traumatic brain injury	170
Marital status	
Married	2,047
Previously married	1,706
Never married	9,239
Separated or Widowed	793
Source of referral	
Individuals and physicians	3,240
Health organizations	3,211
Governmental agencies	992
Educational institutions	3,802
Other referral sources	2,540
Social Security disability insurance	974
Supplemental Security Income	3,061
Dual SSDI and SSI	434
Source of support at referral	
Family and friends	5,765
Earnings, interest and dividends	1,566
Public assistance or institutions	5,100
Public and private insurance	1,354
Work status at referral	
Client with paid employment	1,347
Homemaker and family worker	392
Not working	12,046
Public assistance	
Receiving PA at referral	4,427
Occupation at closure	
Professional, technical and managerial	2,816
Clerical, sales and service	6,649
Industrial occupations	1,914
Homemaker and family worker	755
Other occupations	1,651
Number of severely disabled	13,533

Department of Rehabilitation
Budgets, Fiscal Forecasting and Research Section
(916) 263-8733
http://www.rehab.cahwnet.gov/

TABLE E-10

NUMBER OF CLIENTS REHABILITATED BY
MAJOR DISABLING CONDITIONS
CALIFORNIA, 2006-07

Disabling conditions	Number	Percent
Total, rehabilitated clients	13,785	100
Sensory impairments	1,846	13
Visual Impairments	1,110	8
Legally blind	846	6
Other visual impairments	264	2
Hearing impairments	736	5
Deaf	416	3
Other hearing impairments	320	2
Physical disabilities	5,943	43
Orthopedic	1,478	11
Absence or amputation of limbs	264	2
Cardiac-circulatory conditions	46	a/
Epilepsy	49	a/
Specific developmental disorder	3,269	24
Digestive system disorder	59	a/
Diabetes	30	a/
Genito-urinary disorders	23	a/
Speech impairments	130	1
Other physical conditions	595	4
Mental Disorders	5,826	42
Mental retardation	2,523	18
Mental Illness	3,303	24
Alcoholism	29	-
Character and personality disorders	55	-
Psychoses and neuroses	3,125	23
Drug addition	94	1
Acquired traumatic brain injury	170	1

a/ Less than .5 percent.

Department of Rehabilitation
Budets, Fiscal Forecasting and Research Sectic tion (916) 5585883
http://www.rehab.cahwnet.gov/

TABLE E-11

MOVEMENT OF CIVIL
NARCOTIC ADDICT POPULATION
IN OUTPATIENT STATUS FROM
CALIFORNIA REHABILITATION CENTER PROGRAMS a/
CALENDAR YEAR 2007

Movement	Men	Women
On outpatient status, January 1	1,294	434
Received on outpatient status	1,098	339
From institution	959	318
Reinstated after suspension	138	19
From temporary release	1	2
Removed from outpatient status	1,167	305
Returned to institution	518	87
Suspended	185	28
Discharged b/	460	190
Died	4	0
Uncategorized moves	0	0
On outpatient status, December 31	1,225	468
Net change during year	(69)	34

a/ Civil committments under Welfare and Institutions Code Section 3000, et. seq.
b/ Includes persons returned to the Department of Corrections with a new felony commitment.

Department of Corrections
Offender Information Services Branch
(916) 327-3262
http://www.cdc.state.ca.us/

TABLE E-12

SUMMARY OF ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS OF REHABILITATED CLIENTS BY DISABILITY GROUPS, CALIFORNIA, FISCAL YEAR 2006-07

Economic and demographic characteristics	All disabilities	Disability group: Visual impairment	Hearing impairment	Physical disabilities	Alcoholism	Drug addiction	Character and personality disorders	Mental retardation	Psychoses and neuroses	Acquired traumatic brain injury
Total closures a/	40,856	2,004	1,729	17,940	102	342	200	6,282	11,149	582
Pre-Plan (08 30 & 38)	16,270	391	515	7,454	66	157	79	4,406	5,251	232
After Plan Initiated (28)	10,531	503	478	4,543	34	91	66	1,863	2,773	180
Rehabilitated (26)	13,785	1,110	736	5,943	29	94	55	2,523	3,125	170
Source of referral (All Closures)										
Educational Institutions (elem)secondary	17%	6%	17%	29%	2%	0%	7%	14%	5%	8%
Educational Institutions (post-secondary)	6%	5%	8%	8%	1%	1%	6%	4%	4%	8%
Physician, Other Medical Personnel	8%	11%	4%	4%	9%	4%	20%	9%	15%	9%
Welfare Agency	2%	2%	1%	2%	2%	0%	2%	1%	2%	3%
Community Rehabilitation Program	20%	19%	3%	8%	32%	46%	10%	40%	30%	15%
Social Security Administration	3%	1%	1%	3%	0%	0%	5%	1%	2%	4%
One-Stop Training/Training Centers	4%	3%	5%	7%	3%	1%	3%	2%	3%	5%
Self-Referral	19%	27%	39%	20%	17%	10%	23%	10%	17%	28%
Other Sources	21%	26%	22%	19%	34%	39%	25%	17%	22%	21%
Weekly earnings at referral										
Average earnings all rehabs	$27.00	$66.00	$85.00	$20.00	$40.00	$13.00	$31.00	$21.00	$18.00	$25.00
Clients with earnings	1,460	146	174	490	4	5	4	419	197	21
Weekly earnings at closure										
Average earnings all rehabs	$343.00	$224.00	$544.00	$383.00	$465.00	$382.00	$404.00	$233.00	$376.00	$307.00
Clients with earnings	13,785	1,110	736	5,943	29	94	55	2,523	3,125	170
Work status at closure										
Clients with paid employment	13,035	439	731	6,063	29	94	55	2,519	3,105	170
Homemakers and family workers	750	674	5	38	-	-	-	4	19	10
AVERAGE MONTHS AS A CLIENT										
Average Months from Referral to Closure	27.00	34.00	35.00	30.00	40.00	31.00	45.00	20.00	21.00	37.00

a/ Includes clients who did not meet the criteria of having a disability or client was not coded. Therefore, the groups may not add to the total.

Department of Rehabilitation
Budgets, Fiscal Forecasting and Research Section
(916) 263-8733
http://www.rehab.cahwnet.gov/

TABLE E-13

CHILDREN PLACED FOR ADOPTION IN CALIFORNIA
FISCAL YEARS 1995-96 TO 2006-07

Adoption Programs	1995-96 a/	1996-97 b/	1997-98 b/	1998-99* b/	1999-00 b/	2000-01 b/	2001-02 b/ c/	2002-03 c/	2003-04 c/	2004-05 c/	2005-06 c/	2006-07 c/
Relinquishment - Total	3,845	4,021	4,739	5,902	6,575	7,689	8,774	8,102	7,807	7,977	7,782	8,132
Public Agencies	3,254	3,396	4,061	5,211	5,854	7,156	8,164	7,488	7,027	7,352	7,208	7,625
Private Agencies	591	625	678	691	721	533	610	614	780	625	574	507
Independent	1,561	1,368	1,298	1,225	1,376	1,513	1,395	1,242	1,269	1,430	1,274	1,387
Intercountry d/	668	540	640	616	540	403	539	701	765	784	672	682

SOURCE REPORTS:

a/ SFY 1995-96
Data derived from CDSS Annual Adoption Statistical Reports.

b/ SFY 1996-97 through SFY 2000-01 + July-December 2001

Relinquishments (Public & Private)	AD 56A	Part C, Item 5 - Adoptions finalized.
Independent	AD 56D	Part A, Item 4a - Investigations completed, Approval.
Intercountry d/	AD 202B	Part A, Item 2a - Children placed + Part B, Item 1 - Children readopted in California (adopt-abroad).

c/ January 2002 forward

Relinquishments:		
Public	CWS/CMS data extracts (point-in-time counts)	
Private	AD 56A	Part C, Item 16 - Children with adoptions finalized.
Independent	AD 56D	Part A, Item 4a - Investigations completed, Approval.
Intercountry d/	AD 202B	Part A, Item 11 - Children with adoptions completed + Part B, Item 15 - Children readopted in California (adopt-abroad).

d/ Pending Verification

TABLE E-14

TEMPORARY ASSISTANCE TO NEEDY FAMILIES (TANF)
FISCAL YEARS 1996-97 TO 2007-08

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Average monthly number of recipients												
Families	842,616	732,176	640,989	575,086	516,591	501,351	482,736	480,732	490,113	475,984	459,781	465,959
Children	1,716,787	1,512,710	1,333,685	1,194,754	1,063,590	1,034,188	990,818	979,772	981,435	945,619	909,408	917,126
Total assistance ($1,000)	$4,841,717	$3,789,530	$3,198,201	$3,263,000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

n.a. Not available

Source:
Families = CASES (Item 8.a.-CA 237 CW)
Children = 8.a. Children counts

TABLE E-15

TEMPORARY ASSISTANCE TO NEEDY FAMILIES (TANF)
FOSTER CARE, CALIFORNIA, FISCAL YEARS 1996-97 TO 2007-08

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Average monthly number of participants	78,756	85,623	86,429	84,492	86,890	75,180	73,411	70,587	65,557	63,895	60,655	58,317
Total assistance ($1,000)	$1,095,678	$1,174,865	$1,270,567	$1,269,516	$1,291,526	$1,287,165	$1,321,954	$1,387,698	$1,346,095	$1,303,417	$1,261,376	$1,242,251
Average cost per recipient	$1,159.36	$1,143.45	$1,225.06	$1,252.12	$1,238.00	$1,426.76	$1,500.63	$1,638.29	$1,711.10	$1,699.96	$1,732.99	$1,755.14

Source:
Average monthly number of participants: CA 237 FC, Line 8, Cell 25.
Total Assistance: CA 237 FC, Line 11, Cell 33.

TABLE E-16

SELECTED DATA ON SUPPLEMENTAL SECURITY INCOME/STATE SUPPLEMENTAL PROGRAM (SSI/SSP), FEBRUARY 1989 TO 2008
CALIFORNIA

February	Aged	Blind	Disabled
Caseload (recipients)			
1989	292,600	20,746	460,989
1990	307,985	21,139	489,452
1991	319,394	21,562	524,043
1992	333,587	22,112	566,293
1993	333,186	22,340	603,416
1994	330,206	22,287	633,203
1995	330,003	22,240	659,085
1996	330,648	21,842	675,295
1997	329,658	21,587	668,106
1998	322,256	21,412	672,373
1999	325,168	21,704	692,618
2000	330,165	21,835	713,531
2001	333,584	21,791	728,901
2002	337,623	21,800	747,177
2003	343,490	21,800	766,922
2004	347,404	21,778	794,347
2005	352,534	21,714	814,145
2006 a/	359,853	21,681	832,229
2007	361,651	21,058	843,138
2008	366,210	20,617	857,483
Average payment			
1989	$326.05	$461.34	$438.97
1990	340.80	476.11	457.62
1991	350.98	491.03	478.91
1992	365.91	503.74	498.08
1993	363.49	488.52	489.95
1994	368.30	474.61	470.66
1995	376.34	470.15	473.84
1996	385.71	480.62	479.44
1997	398.20	496.57	487.73
1998	410.41	512.31	505.55
1999	434.12	535.99	523.34
2000	446.76	546.20	536.94
2001	454.78	565.46	542.99
2002	484.40	593.69	575.64
2003	486.28	598.61	580.98
2004	510.88	630.36	613.72
2005	513.97	641.27	624.52
2006	512.09	635.78	614.94
2007	534.08	663.00	641.17
2008	537.75	674.21	651.30

Source: SSP 107

a/ Adjusted SSP 107 caseload for February 2006.

TABLE E-17

GENERAL RELIEF: AVERAGE RECIPIENTS AND EXPENDITURES,
CALIFORNIA, FISCAL YEARS 1996-97 TO 2007-08

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
General Relief a/												
Average monthly number of recipients:												
Total persons	143,860	127,399	98,545	92,040	87,935	95,905	95,477	97,454	97,393	95,369	92,300	99,996
Family cases	10,123	8,581	4,798	3,336	3,107	3,229	3,163	3,032	2,903	2,183	2,400	2,745
One-person cases	133,737	118,818	93,747	88,704	84,828	92,676	92,266	94,423	94,490	93,186	89,899	97,251
Aid payments:												
Total, net ($1,000)	$336,372	$288,465	$235,496	$266,317 c/	$214,129	$225,820	$232,403	$241,821	$239,365	$233,575	$215,814	$234,625
Average monthly grant:												
Family cases	$223.46	$221.71	$355.54	$354.79	$349.00	$334.00	$336.00	$342.85	$356.03	$317.65	$273.23	$295.16
One-person cases	$214.97	$213.65	$234.99	$271.59	$229.00	$222.00	$230.00	$234.51	$229.88	$228.44	$225.40	$222.51
Total general relief payments ($1,000) b/	$371,106	$326,623	$273,488	$295,845	$239,470	$253,372	$260,401	$271,752	$266,462	$259,586	$247,680	$265,154

a/ County nonmedical assistance to recipients in their homes.
b/ Includes General Relief and other programs administered by County Welfare Departments which are financed from county indigent funds. Generally excludes costs of county hospitals.
c/ Excludes reimbursements of $29,528.

Source: GR 237

Average monthly number of recipients
- Total Persons - GR 237, Line 6, Cell 10.
- Family Cases - GR 237, Line 6 (a), Cell 11.
- One-Person Cases - GR 237, Line 6 (b), Cell 12.

Aid payments
- Family Cases - GR 237, Line 6 (a).
- One-Person Cases - GR 237, Line 6 (b).
- Total Net - GR 237, Line 14, Cell 29.
- Total General Relief - GR 237, Line 6, Cell 13.

TABLE E-18

CALIFORNIA FOOD STAMP PROGRAM: SELECTED DATA, 1970-71 TO 2007-08
(Dollar amounts in 000s)

Fiscal year	Average per month: Total households: Public assistance	Average per month: Total households: Non-assistance	Average per month: Total participants: Public assistance	Average per month: Total participants: Non-assistance	Total bonus value	Total purchase requirement	Total value of benefits issued
1970-71	279,714	77,316	907,288	239,022	$178,100	$167,794	$345,894
1971-72	357,819	96,325	1,101,409	303,190	212,698	219,243	431,941
1972-73	350,728	88,537	1,040,031	277,111	208,496	217,667	426,163
1973-74	300,072	108,912	945,885	322,937	252,901	216,304	469,205
1974-75	302,366	157,742	978,736	471,042	361,093	255,044	616,137
1975-76	318,154	170,296	981,030	494,986	392,834	303,487	696,321
1976-77	311,445	154,021	940,248	432,912	343,942	315,370	659,313
1977-78	287,726	152,538	882,666	389,276	324,583	306,432	631,015
1978-79	409,026	165,891	1,031,569	388,182	412,601	145,388	557,989
1979-80	311,028	206,090	966,266	467,066	a/	a/	511,137
1980-81	348,196	240,415	1,070,601	523,100	a/	a/	587,440
1981-82	357,418	238,564	1,105,900	531,934	a/	a/	588,910
1982-83	373,768	247,716	1,185,594	581,276	a/	a/	710,380
1983-84	376,912	214,957	1,207,710	508,921	a/	a/	683,950
1984-85	363,553	187,723	1,179,057	439,463	a/	a/	640,225
1985-86	363,409	190,430	1,176,971	435,357	a/	a/	626,173
1986-87	370,657	195,062	1,194,005	445,395	a/	a/	614,490
1987-88	376,083	187,548	1,214,087	427,642	a/	a/	658,689
1988-89	409,467	203,334	1,305,448	445,040	a/	a/	731,659
1989-90	450,147	216,219	1,422,737	451,512	a/	a/	900,870
1990-91	516,950	249,822	1,606,440	507,156	a/	a/	1,205,297
1991-92	600,770	321,007	1,832,057	643,264	a/	a/	1,654,022
1992-93	660,453	389,135	2,003,818	793,484	a/	a/	1,998,195
1993-94	710,557	444,177	2,177,693	927,950	a/	a/	2,346,938
1994-95	736,259	438,985	2,257,098	917,142	a/	a/	2,456,422
1995-96	737,015	437,438	2,256,604	900,563	a/	a/	2,539,876
1996-97	679,257	406,299	2,081,307	848,429	a/	a/	2,463,610
1997-98	586,733	327,589	1,730,519	668,254	a/	a/	2,083,863
1998-99	497,970	296,675	1,496,346	660,760	a/	a/	1,852,336
1999-00	433,100	283,078	1,304,647	657,927	a/	a/	1,672,630
2000-01	373,400	289,995	1,109,145	686,143	a/	a/	1,585,295
2001-02	342,702	335,592	990,229	806,926	a/	a/	1,695,317
2002-03	323,853	358,349	910,758	862,862	a/	a/	1,776,790
2003-04	315,877	406,642	857,692	983,949	a/	a/	1,925,971
2004-05	311,360	481,257	833,651	1,179,372	a/	a/	2,308,585
2005-06	283,367	526,415	729,922	1,296,121	a/	a/	2,418,438
2006-07	258,752	564,583	657,162	1,379,107	a/	a/	2,560,930
2007-08	260,375	632,507	661,030	1,514,464	a/	a/	2,917,035

a/ Not a Program requirement or concept.

Source:

DFA 256, Line 1(A). Public Assistance - Total Households.

DFA 256, Line 1(B). Non-Public Assistance - Total Households.

DFA 256, Lines 2(A), 3(A), 4(A). Public Assistance - Total Persons.

DFA 256, Lines 2(B), 3(B), 4(B). Non-Public Assistance - Total Persons.

DFA 256, Line 20. Value of Benefit Issuances.

TABLE E-19

SELECTED DATA ON MEDI-CAL PROGRAM, CALIFORNIA, 2005

Programs	Average monthly number of eligibles	Total payments	Average monthly cost per eligible
All programs, total a/	3,275,279	$ 17,500,693,517	$ 445.27
Aged	537,986	4,562,309,370	706.70
Blind	21,240	223,127,508	875.42
Disabled	779,692	8,105,964,696	866.36
Families	1,466,088	3,039,291,618	172.76
Medically indigent children	196,017	283,507,144	120.53
Medically indigent adults	3,845	70,415,925	1,526.14
Special Treatment	69	607,982	734.28
MI/MN Alien without SIS	68,351	247,127,238	301.30
Refugee/entrant	925	3,135,813	282.51
100 percent poverty	34,220	39,733,074	96.76
133 percent poverty	33,180	42,210,771	106.01
Income disregard	107,713	554,492,172	428.99
60-day postpartum	1,172	2,908,936	206.84
Qualified medicare beneficiary	5,589	9,872,102	147.20
Presumptive eligibility for pregnant women	INA	135,361,527	INA
Medi-Cal tuberculosis program	1,063	728,488	57.11
Minor Consent	10,278	40,203,279	325.97
BCCTP	7,851	76,025,440	806.96
Not reported	--	63,670,432	--
Public assistance, total	1,341,782	9,024,428,786	560.48
Aged	338,334	1,967,191,698	484.53
Blind	20,498	202,735,554	824.21
Disabled	684,190	6,058,517,879	737.92
Families	298,760	795,983,654	222.02
Medically needy, total	1,463,224	6,906,264,406	393.32
Aged	199,652	2,595,117,672	1,083.18
Blind	742	20,391,954	2,290.20
Disabled	95,502	2,047,446,817	1,786.57
Families	1,167,328	2,243,307,964	160.15
Medically indigent, total	199,862	353,923,069	147.57
Medically indigent children	196,017	283,507,144	120.53
Medically indigent adults	3,845	70,415,925	1,526.14
Special Treatment	69	607,982	734.28
MI/MN Alien without SIS	68,351	247,127,238	301.30
Refugee/entrant	925	3,135,813	282.51
100 percent poverty	34,220	39,733,074	96.76
133 percent poverty	33,180	42,210,771	106.01
Income disregard	107,713	554,492,172	428.99
60-day postpartum	1,172	2,908,936	206.84
Qualified medicare beneficiary	5,589	9,872,102	147.20
Presumptive eligibility for pregnant women	INA	135,361,527	INA
Medi-Cal tuberculosis program	1,063	728,488	57.11
Minor Consent	10,278	40,203,279	325.97
BCCTP	7,851	76,025,440	806.96
Not reported	--	63,670,432	--

a/ Includes regular fee-for-service. INA = Information Not Available. BCCTP = Breast and Cervical Cancer Treatment Program.

Note: Excludes County Organized Health Systems and Prepaid Health Plans.

Average monthly cost per eligible calculated before rounding.

Figures are rounded independently and may not add to total.

The 185 Percent and 200 Percent Poverty programs have merged and are now called Income Disregard.

The Dialysis and Total Parenteral Nutrition programs have merged and are now called Special Treatment.

Source: Medi-Cal Services and Expenditures Month of Payment Calendar Report, January-December 2005.

MCSS File HCP0512_Benes_by_Managed_Care_Plan_2005_12, created from the December 2005 Month of Eligibility file using a six-month lag.

Department of Health Services
Fiscal Forecasting and Data Management Branch
(916) 552-8550
http://www.dhs.ca.gov/mcss

TABLE E-20

CALIFORNIA DISABILITY INSURANCE AND FAMILY PAID LEAVE
FISCAL TRANSACTIONS AND ACTIVITIES, 2004 TO 2006

Item	2004	2005	2006
Taxable wages of workers in covered employment ($ billions):			
Total	$436.9 r/	$477.2 r/	$502.5 e/
Taxable for State Fund	408.9 r/	446.6 r/	471.9 e/
Voluntary plans	27.9	30.6 r/	30.6 e/
Disability Fund ($ thousands):			
Receipts a/	$4,776,897	$4,909,128	$3,942,128
Disbursements c/	3,599,711	3,883,051	4,060,308
Miscellaneous	-104	154	395
Benefit payments b/ c/	3,412,557	3,691,901	3,873,234
Administrative costs c/	187,258	190,996	186,680
Fund balance	1,770,152	2,796,228	2,678,047
Activity (In thousands)			
State plan:			
New claims with qualifying wage credits c/	731	798	814
Benefits c/			
Number of weeks compensated c/	10,280	10,268	10,241
Amount of benefit payments (gross) c/	$3,567,147	$3,867,057	$4,036,559
Voluntary plan first claims received	30	44	38

a/ The contribution rate in 2004 was 1.18 percent; for 2005 it was 1.08 percent; and 2006 0.80 percent.
The taxable wage ceiling in 2004 was $68,829, 2005 was $79,418 and 2006 was $79,418.
b/ The weekly benefit range in 2004 was $50 to $728, in 2005 was $50 to $840, and in 2006 it was $50 to $840.
c/ Includes Paid Family Leave data from July 2004 to current.

r/ Revised e/ Estimated
Components may not add to totals due to independent rounding.

Employment Development Department
Fiscal Programs Division, Program Estimates Group
(916) 654-1107
http://www.edd.ca.gov/

TABLE E-21

FEDERAL UNEMPLOYMENT COMPENSATION
CALIFORNIA, 2006 and 2007

Category	2006	2007
Federal-Civilian		
Total weeks of compensated unemployment	118,632	120,528
Total amount of benefit payments a/	$30,791,585	$32,633,650
Ex-serviceperson		
Total weeks of compensated unemployment	157,495	159,467
Total amount of benefit payments a/	$55,360,320	$58,422,936

a/ These figures include Federal funds only.
These data are not comparable to data for years prior to 1992.

Employment Development Department
Unemployment Insurance Division
Unemployment Statistics & Analysis Unit
(916) 654-7536
http://wwwedd.cahwnet.gov/

TABLE E-22

UNEMPLOYMENT INSURANCE ACTIVITIES
CALIFORNIA AND SELECTED LABOR MARKET AREAS, 2007

	California	San Francisco PMSA (Marin, San Francisco, San Mateo)	Oakland PMSA (Alameda, Contra Costa)	Los Angeles-Long Beach	Orange PMSA (Anaheim, Santa Ana)
Claims filed to open a period of claimant status (000)	2,322	83	131	569	120
Weeks of unemployment certified (000)	19,734	682	1,165	4,301	1,113
Weeks of unemployment compensated (000)	17,272	601	1,010	3,727	976
Gross benefit payments ($1,000) a/	$4,976,024	$189,653	$320,067	$1,114,894	$326,062
Weekly average number with compensated unemployment (000) b/	332	12	19	72	19
Average weekly benefits paid per claimant	$288.10	$315.73	$317.03	$299.10	$334.06

a/ Reflects actual payments processed by field offices without regard to subsequent payment corrections and other fund balance adjustments.
b/ Includes all regular and extended benefit programs during the period.

Employment Development Department
Unemployment Insurance Division, Unemployment Statistics & Analysis Unit
(916) 654-7536
http://wwwedd.cahwnet.gov/

TABLE E-23

REPORTING UNITS, EMPLOYEES, AND WAGES COVERED UNDER THE UNEMPLOYMENT INSURANCE PROVISIONS OF THE CALIFORNIA UNEMPLOYMENT INSURANCE CODE AND UNEMPLOYMENT INSURANCE FISCAL TRANSACTIONS, CALIFORNIA, 1970 TO 2005

Year	Number covered under the unemployment insurance provisions of the California Unemployment Insurance Code e/ f/: Reporting units (quarterly average) a/	Employees (monthly average)	Annual wages paid in unemployment insurance covered employment (In millions) f/: Total	Taxable	Unemployment Insurance Fund g/: Receipts ($1,000)	Disbursements ($1,000)	Year end fund balance ($1,000)
1970	333,599	5,240,190	$42,213	$21,264	$574,895	$661,011	$1,226,643
1971	334,229	5,189,637	43,445	20,832	507,940	829,445	904,740
1972	346,416	5,913,892	52,157	23,805	697,269	626,493	975,085
1973	374,869	6,383,331	58,683	25,586	839,531	593,200	1,221,014
1974	372,380	6,588,356	64,556	26,713	809,162	876,513	1,153,218
1975	372,488	6,564,524	69,151	26,292	847,659	1,451,281	548,806
1976	411,667	7,130,103	78,762	40,717	1,381,674	1,290,761	639,190
1977	425,225	7,543,268	89,195	44,379	1,616,147	1,165,469	1,089,718
1978	467,480	9,036,931	114,904	45,265	1,698,723	1,030,056	1,757,766
1979	489,121	9,448,087	132,452	49,548	1,872,241	894,688	2,734,860
1980	514,659	10,083,911	155,334	51,573	1,729,021	1,398,690	3,020,124
1981	535,553	10,256,167	172,283	53,703	1,777,958	1,545,328	3,251,969
1982	534,327	10,131,806	182,497	52,290	1,850,735	2,485,608	2,617,097
1983	546,652	10,312,305	195,978	60,505	1,938,146	2,435,736	2,119,082
1984	572,346	10,900,212	217,123	65,625	2,402,042	1,738,260	2,782,658
1985	594,247	11,378,074	236,667	68,886	2,643,862	1,965,501	3,460,876
1986	608,661	11,644,237	255,468	70,903	2,150,749	2,132,633	3,478,885
1987	711,099 b/	12,094,751	279,621	75,342	2,368,657	1,843,898	4,003,583
1988	734,594	12,556,920	302,981	79,547	2,349,344	1,685,750	4,666,984
1989	730,688 c/	13,005,986	324,186	82,950	2,410,096	1,705,428	5,371,484
1990	732,786	13,328,057	346,921	84,359	2,310,731	2,230,669	5,451,061
1991	860,781 d/	12,796,072	351,541	81,479	2,154,262	3,477,700	4,127,261
1992	889,002	12,490,570 e/	361,697	79,110	2,430,472	3,858,699	2,699,034
1993	905,732	12,253,883	363,118	78,895	3,037,451	3,406,194	2,330,121
1994	887,551	12,500,754	372,782	80,201	3,079,744	3,406,539	2,003,326
1995	961,662	12,780,383	392,835	82,908	3,156,216	3,133,143	2,034,302
1996	951,238	13,145,507	417,786	82,757	3,738,482	2,966,259	2,805,837
1997	803,456	13,398,638	451,846	73,401	3,492,700	2,629,159	3,668,922
1998	867,825	13,837,098	521,523	86,872	3,331,456	2,603,843	4,396,229
1999	888,116	14,274,793	539,474	92,499	3,168,488	2,695,924	4,867,399
2000	847,873	14,752,108	611,462	99,276	3,352,460	2,486,998	5,733,071
2001	849,934	14,827,667	617,774	100,694	3,305,131	3,452,538	5,586,317
2002	862,478	14,638,051	610,965	97,518	4,059,781	6,083,467	3,562,665
2003	884,729	14,602,092	627,604	97,601	3,489,412	6,256,670	794,799
2004	884,153	14,754,443	665,000	99,107	4,984,976	5,206,332	502,201
2005	892,116	15,004,390	701,043	103,551	5,390,629	4,621,098	1,337,630

a/ Employers with substantial employment in multiple counties or industrial classifications are counted as a reporting unit in each county or industrial classification. An employer with only one business location and activity is counted as one reporting unit.
b/ As of the first quarter of 1987, approximately 80,000 active employers but with zero employment and wages, and not reported as out-of-business, were included as counted reporting units.
c/ A drop occurred in average reporting units for 1989. This is due to a purge of the employers reporting zero employment and no payroll for four consecutive quarters.
d/ The increase in average reporting units for 1991 is the result of the new Business Establishment List (BEL) reporting system. The definition of "multiple establishment employers" has been changed, causing more employment sites to be counted as reporting units.
e/ Due to changes in reporting methods made by the Bureau of Labor Statistics, data collected prior to 1992 are not entirely comparable to current data.
n.a. Not available

f/ Employment Development Department
Labor Market Information Division, (916) 262-2162
http://www.labormarketinfo.edd.ca.gov/

g/ Employment Development Department
Fiscal Programs Division, (916) 654-7877

SECTION F
EDUCATION

This section summarizes data relating to libraries, and to public and private education in California, both at the elementary and high school levels (kindergarten through grade 12) and at the collegiate levels (community colleges and universities or State colleges). The California State Department of Education has responsibility for accumulating and reporting data on public and private school activities for kindergarten through grade 12. The California Department of Finance and California Postsecondary Education Commission have responsibility for higher education statistics.

The source of library statistics is the California State Library.

TABLE F-1

ENROLLMENTS IN CALIFORNIA COLLEGES AND UNIVERSITIES, 1970 TO 2006

	Total		Public community colleges a/		California State University		University of California b/	
Fall	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	1,002,589	552,669	651,997	282,600	241,559	166,876	109,033	103,193
1971	1,066,000	571,328	694,790	295,619	262,081	172,136	109,129	103,573
1972	1,311,784	567,788	921,955	284,309	276,737	176,933	113,092	106,546
1973	1,414,435	597,226	1,009,307	306,070	286,633	179,043	118,495	112,113
1974	1,550,295	617,687	1,136,478	324,279	291,542	178,006	122,275	115,402
1975	1,724,012	682,524	1,284,824	374,473	310,891	186,560	128,297	121,491
1976	1,686,627	630,839	1,255,678	328,116	303,734	183,077	127,215	119,646
1977	1,760,021	625,628	1,321,739	321,112	312,380	186,404	125,902	118,112
1978	1,593,658	587,032	1,159,819	284,900	306,175	182,817	127,664	119,315
1979	1,686,096	586,700	1,248,459	280,633	306,801	184,986	130,836	121,081
1980	1,833,840	598,574	1,384,068	280,988	313,850	191,286	135,922	126,300
1981	1,888,924	617,484	1,430,634	295,634	319,565	193,237	138,725	128,613
1982	1,806,712	626,968	1,351,760	301,730	315,814	195,571	139,138	129,667
1983	1,702,856	610,900	1,247,671	280,187	313,900	199,800	141,285	130,913
1984	1,634,006	590,907	1,173,411	257,056	316,005	200,089	144,590	133,762
1985	1,646,142	594,301	1,173,559	254,647	324,626	203,175	147,957	136,479
1986	1,708,552	611,500	1,223,063	265,493	333,424	205,262	152,065	140,745
1987	1,761,466	628,975	1,261,359	275,316	342,776	209,322	157,331	144,337
1988	1,843,080	651,438	1,326,413	285,267	355,106	217,061	161,561	149,110
1989	1,932,389	678,491	1,406,949	305,166	360,838	221,686	164,602	151,639
1990	1,930,163	685,852	1,394,563	304,974	369,053	226,131	166,547	154,747
1991	1,902,200	678,026	1,374,049	301,975	361,904	220,471	166,247	155,580
1992	1,880,203	694,806	1,366,706	323,538	347,693	215,239	165,804	156,029
1993	1,732,249	675,783	1,243,508	315,311	325,639	207,653	163,102	152,819
1994	1,700,385	675,299	1,218,713	315,972	319,368	206,710	162,304	152,617
1995	1,693,124	674,736	1,203,816	307,563	325,604	213,058	163,704	154,115
1996	1,808,901	690,606	1,305,380	311,224	336,803	222,264	166,718	157,118
1997	1,828,321	706,587	1,314,680	319,505	343,779	227,294	169,862	159,788
1998	1,855,205	715,272	1,331,758	321,928	349,804	230,604	173,643	162,740
1999	1,939,083	737,783	1,400,954	330,767	359,719	238,594	178,410	168,422
2000	2,135,956	745,487	1,585,238	330,767	367,363	243,333	183,355	171,387
2001	2,266,110	767,394	1,686,896	353,624	387,311	257,719	191,903	156,051
2002	2,354,414	845,471	1,746,602	383,270	406,515	271,627	201,297	190,574
2003	2,250,261	850,470	1,634,340	376,828	407,530	275,794	208,391	197,848
2004	2,187,277	849,287	1,583,543	378,166	395,825	274,767	207,909	196,354
2005	2,221,220	854,746	1,606,858	372,202	405,282	284,468	209,080	198,076
2006	2,269,221	873,494	1,637,767	374,737	417,156	294,254	214,298	204,503

	Independent colleges and universities c/		Private 2-year colleges c/		Other public institutions c/	
Fall	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	117,891	88,140	n.a.	n.a.	2,114	2,114
1971	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1972	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1973	130,733	91,196	n.a.	n.a.	n.a.	n.a.
1974	120,201	82,477	n.a.	n.a.	n.a.	n.a.
1975	176,651	116,951	n.a.	n.a.	n.a.	n.a.
1976	173,061	120,248	n.a.	n.a.	n.a.	n.a.
1977	182,945	127,431	4,230	3,422	675	661
1978	184,072	130,065	6,058	5,334	484	484
1979	192,205	132,759	6,878	6,107	1,972	1,967
1980	195,847	138,474	6,837	6,291	2,021	2,005
1981	197,756	135,505	8,012	6,837	3,315	3,315
1982	202,127	138,051	11,578	10,128	3,488	3,488
1983	203,017	137,731	5,053	4,419	3,622	3,604
1984	201,170	136,232	14,177	12,883	3,634	3,613
1985	197,130	133,583	12,618	11,194	1,925	1,914
1986	180,451	124,631	12,091	9,917	372	372
1987	176,317	115,799	12,686	9,983	---- None reported ----	
1988	195,721	136,659	6,764	5,930	679	409
1989	175,307	121,823	3,061	2,916	---- None reported ----	
1990	177,077	121,397	n.a.	n.a.	3,697	3,469
1991	159,939	118,065	n.a.	n.a.	454	454
1992	173,139	127,552	1,354	723	3,568	3,546
1993	152,544	110,914	n.a.	n.a.	n.a.	n.a.
1994	212,752	154,932	n.a.	n.a.	1,660	1,647
1995	231,337	172,802	n.a.	n.a.	1,211	1,211
1996	222,709	162,572	n.a.	n.a.	1,291	1,291
1997	219,827	159,987	n.a.	n.a.	1,153	1,153
1998	251,710	186,201	n.a.	n.a.	1,146	1,146
1999	252,827	189,258	n.a.	n.a.	1,122	1,122
2000	277,772	210,448	14,411	12,664	1,201	1,201
2001	283,996	215,005	14,161	13,228	1,252	1,252
2002	295,500	221,148	15,556	13,583	1,263	1,263
2003	303,188	230,644	14,098	12,325	1,257	1,257
2004	324,210	236,377	12,465	10,107	1,269	1,269
2005	465,684	379,310	16,758	14,369	3,881	3,082
2006	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

a/ 1990 and later enrollment is a term-end rather than a first-census count.
b/ "Total University" includes Medical and Health Science enrollments.
c/ The totals do not include all institutions in the State. Reporting of enrollment is voluntary so totals reflect only those schools responding.
n.a. Not available

Sources:
California Department of Finance; California Postsecondary Education Commission; National Center for Education Statistics

TABLE F-2

DEGREES CONFERRED IN 2006-07
IN THE FOUR SEGMENTS OF CALIFORNIA'S HIGHER EDUCATION

	Community Colleges	California State University	University of California	Total independent colleges and universities
Degrees conferred by type				
Associates	82,509	--	--	10,462
Baccalaureate	--	70,887	41,587	40,771
Masters	--	18,095	8,188	30,117
Doctorate	--	68	3,544	3,497
First Professional	--	--	1,974	6,529
Other/not known	45,464	--	1,069	11,989

California Postsecondary Education Commission
Information Systems Division, (916) 324-4992
http://www.cpec.ca.gov/

TABLE F-3

SELECTED DATA ON PUBLIC AND PRIVATE SCHOOLS
GRADES K-12
CALIFORNIA, 1992-93 to 2007-08

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Number of public school districts	1,006	1,002	1,001	999	999	994	988	986	989	991	998	1,001	1,053	1,054	1,052	1,052
Number of schools																
Public	7,666	7,731	7,818	7,872	7,981	8,179	8,331	8,575	8,761	8,914	9,100	9,231	9,397	9,575	10,228	9,821
Private b/	3,839	4,005	4,158	4,274	4,323	4,337	4,310	4,266	4,252	4,047	3,888	3,751	3,695	3,724	3,505	n.a.
Fall enrollment																
Public	5,195,777	5,267,277	5,341,025	5,467,224	5,612,965	5,727,303	5,844,111	5,951,612	6,050,895	6,147,375	6,244,403	6,298,769	6,322,189	6,312,103	6,286,943	6,276,486
Private b/	554,014	574,253	589,839	602,578	615,011	622,665	628,746	640,802	648,564	631,619	608,940	599,605	591,056	594,597	583,794	n.a.
Number of full-time teachers																
Public	208,967	211,409	213,389	218,974	236,472	255,709	260,055	266,680	274,514	288,854	286,332	283,822	284,202	289,209	288,942	289,312
Private b/	32,513	34,350	36,053	37,771	39,728	41,138	42,517	45,172	45,124	44,772	44,298	43,823	43,575	44,153	44,301	n.a.
Number of graduates																
Public a/	249,320	253,083	255,200	259,071	269,070	282,897	299,221	309,866	316,124	325,895	341,097	343484	355,217	n.a.	349,074	355,713
Private b/	23,481	24,301	25,152	26,998	27,210	28,835	29,394	30,596	28,093	31,104	32,084	32459	32,474	n.a.	33,123	n.a.

a/ Includes day school and evening or adult high school graduates.
b/ Includes only schools with six or more students.
n.a. Not available.

Department of Education
School Business Services Division
Educational Demographics Unit
(916) 327-0187
http://goldmine.cde.ca.gov/

TABLE F-4

CALIFORNIA PUBLIC SCHOOLS, GRADES K-12, 1992 TO 2007

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Enrollment, Fall a/ b/	5,195,777	5,267,277	5,341,025	5,467,224	5,612,965	5,727,303	5,844,111	5,951,612	6,050,895	6,147,375	6,244,403	6,298,769	6,322,189	6,312,103	6,286,943	6,276,486
Elementary (Grades K-8)	3,717,797	3,772,731	3,820,531	3,903,085	3,986,537	4,054,717	4,125,533	4,125,533	4,264,411	4,329,008	4,373,967	4,387,258	4,352,813	4,306,895	4,286,369	4,255,960
High school (Grades 9-12)	1,372,011	1,393,530	1,421,547	1,464,841	1,525,618	1,578,929	1,627,284	1,675,393	1,707,952	1,745,295	1,807,054	1,854,509	1,915,383	1,953,077	1,993,527	2,013,346
Ungraded	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7,047	7,180
Special classes c/	105,969	101,016	98,947	99,298	100,810	93,657	91,294	81,863	78,532	73,072	63,382	57,002	53,993	52,131	n.a.	n.a.
Classes for adults d/ e/	1,861,434	1,440,015	1,513,339	1,589,151	1,718,378	2,661,807	2,701,380	2,851,666	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Certificated personnel, Fall (FTE)																
Total	247,159	250,319	253,863	259,802	278,746	299,835	314,300	326,168	336,751	343,025	347,194	343,067	344,832	347,815	349,023	353,919
Teachers	215,739	218,497	221,699	226,800	244,634	264,398	276,318	283,799	292,977	298,170	301,022	297,436	298,388	300,226	299,665	300,594
Nonteaching personnel																
School districts	28,912	29,474	29,824	30,758	31,780	33,060	35,585	38,561	40,703	41,579	42,864	42,401	43,229	44,372	45,996	49,027
County offices	2,508	2,348	2,340	2,244	2,331	2,377	2,397	2,958	3,071	3,276	3,309	3,230	3,215	3,217	3,368	3,621
	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Average Daily Attendance f/																
Total	5,416,985	5,452,623	5,522,041	5,678,877	5,826,225	5,934,888	5,858,490	5,866,159	5,945,928	6,092,687	6,154,718	n.a.	n.a.	n.a.	n.a.	n.a.
Grades K-8	3,670,001	3,711,674	3,763,441	3,859,405	3,939,624	4,004,819	3,934,749	3,925,009	3,975,146	4,082,303	4,107,917	n.a.	n.a.	n.a.	n.a.	n.a.
Grades 9-12	1,658,167	1,704,949	1,758,600	1,819,472	1,886,601	1,930,069	1,923,741	1,941,150	1,970,782	2,010,384	2,046,801	n.a.	n.a.	n.a.	n.a.	n.a.
State apportionments ($ mil) g/	$13,605.5	$12,058.4	$12,316.1	$13,639.8	$15,933.1	$17,824.5	$18,952.7	$20,070.1	$22,592.8	$23,759.4	$23,939.0	n.a.	n.a.	n.a.	n.a.	n.a.
Principal apportionment h/	12,161.3	10,633.7	10,997.7	12,165.1	13,509.6	14,800.2	15,512.9	16,338.7	18,827.9	19,936.6	20,399.8	19,686.0	n.a.	n.a.	n.a.	n.a.
Special purpose apport. i/	951.7	938.9	970.5	966.5	1,097.5	1,162.3	1,208.2	1,242.9	1,309.6	1,389.9	1,192.7	n.a.	n.a.	n.a.	n.a.	n.a.
Selected categorical apport. j/	492.5	485.8	347.9	508.2	1,326.0	1,862.0	2,231.6	2,488.5	2,455.3	2,432.9	2,346.5	n.a.	n.a.	n.a.	n.a.	n.a.
Revenue receipts by source: ($ mil) k/																
Federal	$2,316.5	$2,634.0	$2,818.2	$2,814.5	$2,886.1	$3,199.0	$3,520.4	$4,072.5	$4,321.9	$5,152.3	$6,369.5	n.a.	n.a.	n.a.	n.a.	n.a.
State l/	17,902.5	16,533.0	16,004.4	17,537.3	21,003.2	23,304.1	24,154.1	27,519.8	31,933.8	30,457.2	30,271.6	n.a.	n.a.	n.a.	n.a.	n.a.
Local	8,341.6	10,151.6	10,467.2	10,906.5	10,977.8	12,055.6	12,827.6	13,971.7	15,465.8	15,977.6	17,228.0	n.a.	n.a.	n.a.	n.a.	n.a.
Subtotal	28,560.7	29,319.0	29,289.8	31,258.3	34,867.0	38,558.7	40,502.1	45,564.0	51,721.5	51,587.1	53,869.0	n.a.	n.a.	n.a.	n.a.	n.a.
Non-revenue receipts m/	1,565.5	948.1	864.7	748.2	1,645.2	2,286.0	2,449.9	2,950.2	4,388.5	2,000.0	2,000.0	n.a.	n.a.	n.a.	n.a.	n.a.
Total receipts	30,126.2	30,267.6	30,154.5	32,006.5	36,512.2	40,844.7	42,952.0	48,514.2	56,110.0	53,587.1	55,869.0	n.a.	n.a.	n.a.	n.a.	n.a.

a/ Excludes adults from 1980 on.
b/ Enrollment is for a given date in October of each year.
c/ Ungraded enrollments including mentally and physically handicapped.
d/ Includes defined adults and some special students previously reported in high school.
e/ Duplicated count.
f/ From the Annual Report of Average Daily Attendance (includes County Offices of Education, but does not include "non-funded" ADA).
Beginning in 1998-99, Average Daily Attendance excludes excused absences.
g/ Amounts represent the bulk of State-level funds received by public schools, but are not exhaustive.
h/ From the Second Principal Apportionment.
i/ Includes Pupil Transportation, Driver Training, Economic Impact Aid, and School Improvement Program.
j/ Includes Mentor Teacher, Miller-Unruh, Instructional Materials, Year-Round Schools, and Class Size Reduction in various years.
k/ As reported to the National Education Association.
l/ Includes funds for the operation of the State Board of Education, the State Department of Education, and public school districts.
m/ Funds are from the sale of bonds, real property and equipment, loans, and proceeds from insurance adjustments.
n.a. Not available

Department of Education, School Business Services Division, Educational Demographics Unit, (916) 327-0187-- Enrollment, Personnel
Department of Education, School Fiscal Services Division -- ADA, State Apportionments, Revenue Receipts (916) 327-1824
http://goldmine.cde.ca.gov/

TABLE F-5

NUMBER OF CALIFORNIA LIBRARIES, 1990 TO 2006

	As of September																
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total California libraries (excluding school libraries)	839	839	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Public libraries a/	168	168	168	169	171	172	174	175	176	179	179	179	179	179	179	179	181
Main libraries	162	162	158	159	158	161	163	163	161	164	165	164	166	166	166	166	167
Branch libraries (at least 1,400 sq. ft., at least 1 librarian, 1 clerical)	638	634	651	633	605	607	605	532	580	594	600	601	620	614	602	602	620
Library stations (fixed outlets smaller than branches)	311	317	274	267	260	267	269	342	299	280	289	290	293	306	321	325	319
Mobile library stops (served by book-mobiles, etc.) (60 mobile libraries operated by 41 libraries in 2005)	1,903	2,082	2,215	1,609	2,391	1,388	1,471	1,456	1,381	1,554	1,542	2,346	2,632	3,017	2,901	1,343	1,104
Total service outlets	3,081	4,363	3,298	2,746	3,414	2,423	2,582	2,568	2,421	2,669	2,670	3,490	3,711	4,103	3,990	2,436	2,210
Academic libraries, university and college b/																	
State	29	28	28	37	29	27	39	29	29	29	29	22	29	27	22	21	26
Community	102	102	88	88	89	74	100	100	98	97	95	77	76	78	67	62	67
Private	59	44	46	58	47	38	62	55	54	51	51	29	31	31	27	26	28
Total	190	174	162	183	165	139	201	184	181	177	175	128	136	137	116	109	121
Special libraries b/																	
Legal	27	20	19	21	19	13	20	21	19	21	19	15	13	14	17	8	11
Medical	69	38	46	46	42	33	51	50	47	48	45	26	28	21	22	20	31
For Profit, special	107	100	61	58	58	29	68	60	55	55	35	17	15	10	7	4	9
Nonprofit, special	87	87	63	64	57	41	78	77	73	73	61	28	27	17	22	18	34
U.S. government agencies and installations	45	19	23	24	23	13	22	22	22	22	17	7	6	5	5	3	7
Special, state government offices	29	16	21	26	25	16	28	27	26	25	24	14	11	10	16	8	15
Resident, state institutions/schools	38	18	27	28	25	13	31	30	28	28	23	11	10	2	8	2	10
Branch libraries, academic institutions	21	12	15	14	16	11	15	14	14	14	10	6	6	6	6	0	0
Total	423	310	275	277	265	169	313	301	284	289	224	124	116	85	103	63	117
County law libraries (one maintained by each county)	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58

a/ Jurisdictions providing library service, fiscal year 2005-06: 113 cities; 49 counties;
12 special library districts; 1 combined city-county library, 6 Joint Power Authority public libraries. Total 181.
b/ Not all operating libraries in these categories report annually to the State Library.

California State Library
Library Development Services Bureau
(916) 653-0171
http://www.library.ca.gov/lds/librarystats.html

TABLE F-6

LIBRARY STATISTICS, STATEWIDE SUMMARY BY TYPE OF LIBRARY
CALIFORNIA, 1998-99 TO 2005-06

Fiscal year, Type of library	Total operating expenditures ($1,000) a/	Salaries b/ ($1,000)	Library materials c/ ($1,000)	Staff FTE d/	Total volumes e/ (000)	Circulation (000) f/	Interlibrary loan Borrow g/ (000)	Interlibrary loan Lent h/ (000)	Reference i/ (000)
1998-99:									
Total	$1,167,107	$724,089	$223,249	17,022	130,525	179,369	1,338	1,565	42,296
Public Libraries	695,091	458,448	86,163	10,937	61,254	162,965	886	1,042	37,087
Academic Libraries	391,023	228,930	113,870	4,651	58,562	13,829	395	450	4,300
Special Libraries j/	60,577	28,409	14,939	1,159	8,535	2,443	56	68	623
County law libs k/	20,416	8,302	8,277	274	2,174	132	l/	3	286
1999-00:									
Total	$1,218,800	$757,487	$224,646	17,334	131,935	180,494	1,289	1,574	41,127
Public Libraries	754,028	497,128	96,456	11,442	63,791	165,687	871	1,050	36,227
Academic Libraries	383,352	224,506	104,435	4,500	58,884	12,205	370	464	3,987
Special Libraries j/	56,883	25,931	13,719	1,189	6,681	2,476	48	58	553
County law libs k/	24,537	9,922	10,036	204	2,579	126	l/	3	360
2000-01:									
Total	$1,260,705	$787,691	$234,829	18,526	129,658	187,295	1,348	1,531	41,916
Public Libraries	800,036	528,293	103,637	11,665	64,559	171,822	943	1,024	37,460
Academic Libraries	371,371	223,442	105,539	5,556	56,182	12,736	360	451	3,597
Special Libraries j/	64,574	25,327	15,692	1,108	6,417	2,616	45	54	517
County law libs k/	24,726	10,629	9,961	197	2,500	121	l/	1	342
2001-02:									
Total	$1,410,752	$766,064	$260,818	18,386	137,732	199,870	1,740	1,877	38,411
Public Libraries	888,481	467,563	112,959	12,272	68,105	184,502	1,284	1,322	33,733
Academic Libraries	430,374	256,274	121,715	4,869	60,649	12,549	410	496	3,848
Special Libraries j/	65,627	31,136	15,535	1,009	6,378	2,699	46	58	512
County law libs k/	26,270	11,091	10,609	236	2,600	120	l/	1	318
2002-03:									
Total	$1,442,094	$781,206	$253,692	17,803	145,391	214,022	1,870	2,007	40,860
Public Libraries	936,721	494,042	112,959	12,334	76,688	198,528	1,377	1,398	35,741
Academic Libraries	420,062	255,869	114,875	4,466	60,634	12,703	455	547	4,441
Special Libraries j/	56,801	18,948	14,246	747	5,440	2,669	34	57	375
County law libs k/	28,510	12,347	11,612	256	2,629	122	4	5	303
2003-04:									
Total	$1,501,245	$958,355	$244,307	17,560	140,139	210,783	1,923	2,049	39,527
Public Libraries	985,629	648,484	101,403	12,033	77,564	198,424	1,490	1,527	35,511
Academic Libraries	441,521	271,998	119,886	4,553	55,362	11,702	384	455	3,365
Special Libraries j/	53,331	28,276	15,431	759	4,697	542	46	60	294
County law libs k/	20,764	9,597	7,587	215	2,516	115	3	7	357
2004-05:									
Total	$1,426,338	$928,578	$214,914	16,283	139,281	210,589	2,231	2,432	36,237
Public Libraries	1,008,439	681,608	102,583	11,813	78,885	198,886	1,765	1,960	32,933
Academic Libraries	341,186	209,237	89,260	3,535	52,651	9,882	427	416	2,780
Special Libraries j/	49,641	25,220	13,315	742	5,136	1,717	36	45	250
County law libs k/	27,072	12,513	9,756	193	2,609	104	3	11	274
2005-06:									
Total	$1,534,385	$995,207	$230,148	17,391	131,665	209,577	2,254	2,598	35,394
Public Libraries	1,091,842	729,608	118,348	12,334	73,701	197,060	1,808	2,126	32,056
Academic Libraries	358,200	224,081	88,306	4,094	49,080	10,811	398	413	2,837
Special Libraries j/	55,890	29,410	13,976	781	6,252	1,608	46	52	241
County law libs k/	28,453	12,108	9,518	182	2,632	98	2	7	260

a/ Includes materials, salaries, operation, contract services, transfers and payments. Excludes capital outlay and transfer to reserves.
b/ Expenditure for staff salaries and benefits. Included in total operating expenditures.
c/ Expenditure for all library materials: books, periodicals, microforms, audiovisual materials. Excludes supplies, binding and materials leased on contract. Included in total operating expenditures.
d/ Total number of persons employed, professional and support, expressed in full-time equivalent (FTE). Full-time is normally 40 hours per week but not less than 36.
e/ Total count of volumes held at end of fiscal year, June 30.
f/ Total annual out-of-building circulation, all materials, all units.
g/ Number of items borrowed by reporting library on interlibrary loan from other libraries. Includes photocopies sent in lieu of interlibrary loans.
h/ Number of items lent by reporting library on interlibrary loan (ILL) to other libraries. Includes photocopies sent in lieu of interlibrary loans.
i/ Annual total of questions answered by reporting library: questions, readers assistance, bibliographies, research projects, data base searches. Includes activities requiring use of library collections and services and/or training and experience of staff, but not simple directional questions.

SECTION G
RESOURCE INDUSTRIES

This section presents data relating to five basic resources of California: water, agriculture, forestry, fishing, and mining. The basic sources for these data are: the Department of Water Resources; Department of Food and Agriculture; Department of Forestry; Department of Fish and Game; and the Department of Conservation.

TABLE G-1

TOTAL WATER DELIVERIES THROUGH
CALIFORNIA STATE WATER PROJECT, 2006

District, Agency or Water Type	Deliveries Acre-feet
Grand Total	4,828,580
State Water Project Water	
City of Yuba	5,342
County of Butte	473
Plumas County Flood Control and Water Conservation District	0
Napa County Flood Control and Water Conservation District	7,789
Solano County Water Agency	34,572
Alameda County Water District	43,079
Alameda County Flood Control and Water Conservation District-Zone 7	53,528
Santa Clara Valley Water District	74,637
County of Kings	9,530
Dudley Ridge Water District	74,840
Empire West Irrigation District	3,282
Kern County Water Agency	1,223,055
Oak Flat Water District	4,242
Tulare Lake Basin Water Storage District	108,207
San Luis Obispo County Flood Control and	4,209
Santa Barbara County Flood Control and	23,275
Antelope Valley-East Kern Water Agency	80,384
Castaic Lake Water Agency	62,752
Coachella Valley County Water District	121,100
Crestline-Lake Arrowhead Water Agency	641
Desert Water Agency	50,000
Littlerock Creek Irrigation District	0
Metropolitan Water District of Southern California	1,512,186
Mojave Water Agency	34,014
Palmdale Water District	12,492
San Bernardino Valley Municipal Water District	35,331
San Gabriel Valley Municipal Water District	13,524
San Gorgonio Pass Water Agency	4,278
Ventura County Flood Control District	1,850
Total Entitlement Water	3,598,612
Recreation/Fish and Wildlife Water	1,931
Total State Water Project Water	3,600,543
Other Water	
Transfers and exchanges between SWP and non-SWP contractors	21,239
Conveying CVP Water Recreation/Fish and Wildlife Water (San Luis)	633
Conveying CVP Water (Kern National Wildlife Refuge U.S.B.R.)	21,282
Conveying CVP Water Annual Contract	610
SWP Contractor local water	17,205
SWP Contractor permit water	944
SWP Contractor general conveyance water	53,573
Regulated local water	1,112,551
Total Other Water	1,228,037

Source: Department of Water Resources, Water File: SAP 2006 Water Type Report
Department of Water Resources
State Water Project Analysis Office (916) 653-4635
http://wwwdwr.water.ca.gov/

TABLE G-2

GROSS CAPACITIES OF RESERVOIRS
IN CALIFORNIA BY HYDROGRAPHIC AREA a/

Hydrographic area	Aggregate Capacity (acre feet)
Total	42,813,983
North Coastal	3,757,440
San Francisco Bay	792,638
Central Coastal	1,347,091
South Coastal	3,739,203
Central Valley	30,636,913
Sacramento River Basin	16,596,520
San Joaquin River-Tulare Lake Basin	14,040,393
Lahontan	1,844,822
Colorado Desert b/	695,876

a/ All reservoirs in California with gross capacities of 1,000 acre-feet or more, as of July 2008. The sums include reservoirs constructed by federal, State, and local agencies, as well as by companies, concerns, and persons.
b/ Includes Parker Reservoir on Colorado River.

Source:
Department of Water Resources
Division of Safety of Dams
(916) 227-9800
http://www.damsafety.water.ca.gov/

TABLE G-3

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and County	Owner a/	Year of Completion	Type of Dam b/	Dam Height (feet)	Reservoir Capacity (acre feet)	Purpose of Dam c/	Use of Water d/
Oroville	Feather River, Butte	DWR	1968	ERTH	742	3,537,577	MP	I, M, P, R
New Bullards Bar	North Yuba River, Yuba	Yuba Co. WA	1970	VARA	635	969,600	MP	D, I, M, P, R
New Melones	Stanislaus River, Calaveras	USBR	1979	ROCK	578	2,400,000	MP	I, M, P, R
Don Pedro	Tuolumne River, Tuolumne	Turlock ID	1971	ERRK	568	2,030,000	MP	I, D, P, R
Seven Oaks	Santa Ana River, San Bernardino	USACE	1999	ROCK	550	145,600	FC	
Shasta	Sacramento River, Shasta	USBR	1945	GRAV	521	4,552,000	MP	I, M, P, R
New Exchequer	Merced River, Mariposa	Merced ID	1967	ROCK	479	1,032,000	MP	I, P, R
Trinity	Trinity River, Trinity	USBR	1962	ERTH	458	2,447,650	MP	I, M, P, R
Union Valley	Silver Creek, El Dorado	Sacramento MUD	1963	ERRK	453	230,000	ST	P, R
Pine Flat	Kings River, Fresno	USACE	1954	GRAV	440	1,000,000	MP	I, R
Lower Hell Hole	Rubicon River, Placer	Placer Co. WA	1966	ROCK	410	208,400	ST, DV	D, I, P, R
Mammoth Pool	San Joaquin River, Fresno	So. California Edison Co.	1960	ERTH	406	123,000	ST	D, P
Pyramid	Piru Creek, Los Angeles	DWR	1973	ERRK	386	180,000	ST, DV	I, M, P, R
Pacoima	Pacoima Creek, Los Angeles	Los Angeles Co. DPW	1929	VARA	365	3,777	ST, FC	M
Pardee	Mokelumne River, Amador	East Bay MUD	1929	GRAV	345	179,950	ST, DV	M, P
Castaic	Castaic Creek, Los Angeles	DWR	1973	ERTH	340	323,700	ST	I, M, R
Salt Springs	N Fork Mokelumne River, Amador	PG&E	1931	ROCK	332	141,900	ST, DV	P
San Gabriel No. 1	San Gabriel River, Los Angeles	Los Angeles Co. DPW	1938	ERRK	320	44,183	ST, FC	M, P
Warm Springs	Dry Creek, Sonoma	USACE	1982	ERTH	319	381,000	ST, FC	I, R
Cherry Valley	Cherry Creek, Tuolumne	City & Co. of San Francisco	1956	ERRK	315	273,500	ST, DV	D, I, P
Courtright	Helms Creek, Fresno	PG&E	1958	ROCK	315	123,300	ST, DV	P
O'Shaughnessy	Tuolumne River, Tuolumne	City & Co. of San Francisco	1923	GRAV	312	360,000	ST, DV	D, M, P
Olivenhain	Escondido Creek, San Diego	San Diego County WA	2003	GRAV	309	24,900	ST	M, D, I
B. F. Sisk	San Luis Creek, Merced	USBR	1967	ERTH	305	2,041,000	ST	N, I, P, R
Friant	San Joaquin River, Fresno	USBR	1942	GRAV	299	520,500	MP	I, R
Donnells	MFK Stanislaus River, Tuolumne	Oakdale & So. San Joaquin ID	1958	VARA	291	56,893	ST	I, P
Diamond Valley Lake	Domenigoni Valley Creek, Riverside	MWD	1999	ERRK	284	800,000	ST	M, D, R
Englebright	Yuba River, Yuba	USACE	1941	VARA	280	70,000	DC	P
Casitas	Coyote Creek, Ventura	USBR	1959	ERTH	279	254,000	MP	M, P, R
Beardsley	MFK Stanislaus River, Tuolumne	Oakdale & So. San Joaquin ID	1957	ERRK	278	77,600	ST	I, P
Folsom	American River, Sacramento	USBR	1956	GRAV	275	975,000	MP	I, P, R
Lake Spaulding	So Fork Yuba River, Nevada	PG&E	1913	VARA	275	74,773	ST, DV	P
Briones	Bear Creek, Contra Costa	East Bay MUD	1964	ERTH	273	67,520	ST, DV	M, D
Sly Creek	Lost Creek, Butte	South Feather WPA	1961	ERTH	271	65,050	ST, RG	I, M, D
Cogswell	WFK San Gabriel R., Los Angeles	Los Angeles Co. DPW	1935	ROCK	266	8,969	ST, FC	D, I, P
Wishon	No Fork Kings River, Fresno	PG&E	1958	ROCK	265	118,000	ST, DV	P, D
Mathews	Trib Cajalco Creek, Riverside	MWD	1938	ERTH	264	182,000	ST	I, M
Whiskeytown	Clear Creek, Shasta	USBR	1963	ERTH	263	241,100	MP	I, M, P
New Spicer Meadow	Highland Creek, Tuolumne	Calaveras Co. WD	1989	ROCK	262	189,000	ST	M, P, R
Monticello	Putah Creek, Napa	USBR	1957	VARA	255	1,602,000	MP	I, M, D
Terminus	Kaweah River, Tulare	USACE	1962	ERTH	255	143,000	MP	I, R

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and County	Owner a/	Year of Completion	Type of Dam b/	Dam Height (feet)	Reservoir Capacity (acre feet)	Purpose of Dam c/	Use of Water d/
Lower Bear River	Bear River, Amador	PG&E	1952	ROCK	253	48,750	ST, DV	I, D, P
Sugar Pine	N Fk American Riv, Placer	Foresthill Public Utility District	1981	ERTH	250	6,916	DV, ST	M,D,I,N,R
Morris	San Gabriel River, Los Angeles	Los Angeles Co. DPW	1935	GRAV	245	27,500	ST, FC	M
Rollins	Bear River, Nevada	Nevada ID	1965	ERTH	242	66,000	ST, DV	I, M, D
McCloud	McCloud River, Shasta	PG&E	1965	ERTH	240	35,300	ST, DV	P
El Capitan	San Diego River, San Diego	City of San Diego	1934	HYDF	237	112,800	ST	M
Cedar Springs	WFK Mojave River, San Bernardino	DWR	1971	ERTH	236	78,000	ST, RG	I, M, P, R
Leroy Anderson	Coyote River, Santa Clara	Santa Clara Valley WD	1950	ERTH	235	91,280	ST, DV	I, D, N
Big Creek No. 7	San Joaquin River, Fresno	So. California Edison Co.	1951	GRAV	233	35,000	ST, DV	P
McKays Point Diversion	NFK Stanislaus River, Calaveras	Calaveras Co. WD	1989	CORA	233	2,100	ST, DV	M, P
Slab Creek	S Fork American R., El Dorado	Sacramento MUD	1967	VARA	233	16,600	ST, DV	P, D, M
L.L. Anderson	Mid Fork American R., Placer	Placer Co. WA	1965	ERTH	231	111,333	ST, DV	I, M, D, R
Peters	Lagunitas Creek, Marin	Marin Municipal WD	1954	ERTH	230	32,900	ST	M
Pit No. 7	Pit River, Shasta	PG&E	1965	GRAV	230	34,000	ST, DV	P
Ramona	Green Valley Road Creek, San Diego	Ramona Municipal WD	1988	ERTH	228	12,200	ST	I
Stampede	Little Truckee River, Sierra	USBR	1970	ERTH	226	226,500	ST	I, R
Big Santa Anita	Trib Rio Hondo, Los Angeles	Los Angeles Co. DPW	1927	VARA	225	858	ST, FC	M, D, I
New Lake Arrowhead	Little Bear Creek, San Bernardino	County of San Bernardino	1976	ERTH	225	1,970	ST	R
San Joaquin Reservoir	Trib Bonita Creek, Orange	Irvine Ranch WD	1966	ERTH	224	3,036	ST	M, D
Del Valle	Arroyo Valle, Alameda	DWR	1968	ERTH	222	77,100	ST, FC	I, M, R
Indian Valley	No Fork Cache Creek, Lake	Yolo Co. FCWCD	1976	ERTH	222	300,000	ST, FC	I
Brush Creek	Brush Creek, El Dorado	Sacramento MUD	1970	VARA	213	1,530	ST, DV	P, D, M
Santa Felicia	Piru Creek, Ventura	United WCD	1955	ERTH	213	100,000	ST	I, M, D
Twitchell	Cuyama River, San Luis Obispo	USBR	1958	ERTH	211	240,000	MP	I, R, D
Calaveras	Calaveras Creek, Alameda	City & Co. of San Francisco	1925	HYDF	210	100,000	ST	M, D
Iron Canyon	Iron Canyon Creek, Shasta	PG&E	1965	ERTH	210	24,300	ST, DV	P
Little Grass Valley	S Fork Feather River, Plumas	South Feather WPA	1961	ROCK	210	93,010	ST	I, M, P, D
Nacimiento	Nacimiento River, San Luis Obispo	Monterey Co. WA	1957	ERTH	210	350,000	ST, FC	I, M, P, D
New Hogan	Calaveras River, Calaveras	USACE	1963	ERTH	210	317,000	MP	I, M, R
Big Tujunga No. 1	Big Tijunga Creek, Los Angeles	Los Angeles Co. DPW	1931	VARA	208	5,750	ST, FC	M, D
James J. Lenihan	Los Gatos Creek, Santa Clara	Santa Clara Valley WD	1953	ERTH	208	21,430	ST	I
Tulloch	Stanislaus River, Calaveras	Oakdale, So. San Joaquin ID	1958	GRAV	205	68,400	ST	I, R, P
Box Canyon	Sacramento River, Siskiyou	Siskiyou Co. FCWCD	1969	GRAV	204	26,000	ST	R
Mojave	WFK Mojave River, San Bernardino	USACE	1971	ERTH	204	89,700	FC	
Lake Loveland	Sweetwater River, San Diego	South Bay ID	1945	VARA	203	25,400	ST, DV	I, M, D, N
San Vicente	San Vicente Creek, San Diego	City of San Diego	1943	GRAV	203	90,230	ST, DV	M, D
San Antonio	San Antonio River, Monterey	Monterey Co. WA	1965	ERTH	202	350,000	ST, FC	I, M, D
Bradbury	Santa Ynez River, Santa Barbara	USBR	1953	ERTH	201	205,000	MP	I, M, R
Chet Harritt	Quail Canyon Creek, San Diego	Helix WD	1962	ERTH	200	9,790	ST	I, M, R, D
Jamestown Mines Tailing	Trib Woods Creek, Tuolumne	County of Tuolumne	1994	ROCK	200	12,100	ST	I
Los Vaqueros	Kellog Creek, Contra Costa	Contra Costa Co. WD	1997	ERTH	197	100,000	ST	M, D

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and County	Owner a/	Year of Completion	Type of Dam b/	Dam Height (feet)	Reservoir Capacity (acre feet)	Purpose of Dam c/	Use of Water d/
Jackson Meadows	M Fork Yuba River, Nevada	Nevada ID	1965	ROCK	195	52,500	MP	M, R, D, I
Mulholland	Weid Canyon, Los Angeles	City of Los Angeles	1924	GRAV	195	4,036	ST	M, D
Jackson Creek	Jackson Creek, Amador	Jackson Valley ID	1965	ERTH	193	22,000	ST	I, P, R
James H. Turner	San Antonio Creek, Alameda	City & Co. of San Francisco	1964	ERTH	193	50,500	ST	M, D
Whale Rock	Old Creek, San Luis Obispo	Whale Rock Commission	1960	ERTH	193	40,662	ST	I, M, D
Buchanan	Chowchilla River, Madera	USACE	1975	ERRK	192	150,000	ST, FC	I, R
Bouquet Canyon	Bouquet Creek, Los Angeles	City of Los Angeles	1934	ERTH	190	36,505	ST	M
Lake Arrowhead	Little Bear Creek, San Bernardino	Arrowhead Lake Association	1922	HYDF	190	48,000	ST	I, D, P, R
Camp Far West	Bear River, Yuba	South Sutter WD	1963	ERRK	185	104,500	ST	I
Isabella	Kern River, Kern	USACE	1953	ERTH	185	568,000	MP	I, R
Shaver Lake	Stevenson Creek, Fresno	So. California Edison Co.	1927	GRAV	180	135,283	ST, DV	P
Camanche	Mokelumne River, San Joaquin	East Bay MUD	1963	ERTH	171	417,120	ST	M
Vermillion Valley	Mono Creek, Fresno	So. California Edison Co.	1954	ERTH	167	125,000	ST	P
Coyote Valley	EFK Russian River, Mendocino	USACE	1959	ERTH	164	122,400	ST, FC	D
Black Butte	Stony Creek, Tehama	USACE	1963	ERTH	156	143,700	ST, FC	I, R
Lake Almanor	N Fork Feather River, Plumas	PG&E	1927	HYDF	130	1,308,000	ST, DV	I, P
Perris	Bernasconi Pass, Riverside	DWR	1973	ERTH	130	131,452	ST	I, M R
Long Valley	Owens River, Mono	City of Los Angeles	1941	ERTH	126	183,465	ST, DV	D, P, R
Bucks Storage	Bucks Creek, Plumas	PG&E	1928	ROCK	122	103,000	ST	I, P
Prado	Santa Ana River, Riverside	USACE	1941	ERTH	106	314,400	FC	
Parker	Colorado River, San Bernardino	USBR	1938	VARA	75	648,000	MP	M, P
Clear Lake	Lost River, Modoc	USBR	1910	ROCK	32	451,000	ST, FC	I, R
Cache Creek	Cache Creek, Lake	Yolo Co. FCWCD	1914	GRAV	30	315,000	ST	I
Buena Vista	Offstream, Kern	J. Boswell Co. & Tenneco West	1890	ERTH	20	205,000	ST	I
Lake Tahoe	Truckee River, Placer	USBR	1913	GRAV	14	732,000	ST, RG	I, M, P, R

NOTE: This list of 107 dams includes those of at least 190 feet in height or with at least 100,000 acre feet of reservoir capacity. As of July 2008, there are 1255 dams within the safety jurisdiction of the State, which is exercised over dams which are at least 25 feet high and store more than 15 acre-feet, or which are over 6 feet high and store at least 50 acre-feet. Federally operated dams, 26 of which are listed here, are exempt from State safety supervision. Legal dam height is the vertical distance from maximum storage (often the spillway crest) to original stream bed at the downstream toe.

a/ Owner:
Co.--Company, County
DPW--Department of Public Works
DWR--California Department of Water Resources
FCD--Flood Control District
FCWCD--Flood Control & Water Conservation District
FCWD--Flood Control & Water District
ID--Irrigation District
MUD--Municipal Utility District
MWD--Metropolitan Water District of Southern California
PG&E--Pacific Gas and Electric Company
USBR--United States Bureau of Reclamation
USACE--United States Army Corps of Engineers
WA--Water Agency
WCD--Water Conservation District
WD--Water District
WPA--Water & Power Agency

b/ Type of Dam:
CORA--constant radius arch
ERTH--earth fill
ERRK--earth & rock fill
GRAV--gravity
HYDF--hydraulic fill
ROCK--rock fill
VARA--variable radius arch

c/ Purpose of Dam:
DC--debris control
DV--diversion
FC--flood control
MP--multiple purpose
RG--regulation
ST--storage

d/ Use of Water:
D--domestic
I--irrigation
M--municipal
N--industrial
P--power
R--recreation

Source: Department of Water Resources, Division of Safety of Dams, (916) 227-9800, http://www.damsafety.water.ca.gov

TABLE G-4

THE CALIFORNIA STATE WATER PROJECT: SUMMARY OF POWER PLANTS' OPERATION, 2007[a]

Plant Name	County	Actual or Estimated Year of Completion	Number of Units	Static Head [b] (feet)	Generator Design Output (KW)	Annual Energy Output (MWh)
Total Hydroelectric						4,081,217
Edward C. Hyatt	Butte	1969	6	410/675	644,000	2,118,697 [c]
Thermalito	Butte	1969	4	85/102	115,000	
Thermalito Diversion Dam	Butte	1987	1	63/77	3,000	
Gianelli [d]	Merced	1968	8	99/327	403,000	
SWP share					211,000	371,670
Alamo	Los Angeles	1986	1	115/141	17,000	57,810
Mojave Siphon	San Bernardino	1996	3	81/136	33,000	74,551
Devil Canyon	San Bernardino	1972	4	1406	276,000	44,592
W. E. Warne	Los Angeles	1983	2	719/739	74,000	27,280
Thermal						
Reid Gardner Unit # 4	Clark County, NV.	1983	1	NA	26,0000 e	
SWP share					235,000	1,386,616

a/ From Department of Water Resources

b/ Minimum and maximum static heads.

c/ Delivered to Table Mountain, combined generation from Edward C. Hyatt,Thermalito, and Thermalito Diversion Dam Powerplants

d/ Previously named San Luis.

e/ 15,000 KW reduction due to recent NV. EPA Air Quality Standard restrictions

NA Not applicable.

Department of Water Resources

Division of Operations & Maintenance, Back Office

http://wwwdwr.water.ca.gov/

TABLE G-5

NET IRRIGATED LAND ACREAGE a/
BY HYDROLOGIC REGION
CALIFORNIA, 2005

Hydrologic Region	Thousands
Total	9,244
North Coast	327
San Francisco Bay	91
Central Coast	664
South Coast	242
Sacramento	1,921
San Joaquin	2,018
Tulare Lake	3,128
North Lahontan	128
South Lahontan	66
Colorado River	659

a/ 2003 irrigated acreage based on Department of Water Resources (DWR) land use surveys and DWR estimates derived from local agency information.

Source: Land and Water Use Section
Statewide Water Planning Branch

Department of Water Resources
Division of Planning and Local Assistance
(916) 653-8023
http://www.dwr.water.ca.gov/

TABLE G-6

MUNICIPAL WATER SUPPLIES
SELECTED CALIFORNIA CITIES AND AGENCIES
FISCAL YEAR 2005-06 a/

City or district	Million gallons
Eureka d/	1,374
Santa Rosa d/	7,461
San Francisco d/	87,718
East Bay Municipal Utility District e/	77,178
Santa Barbara d/	4,320
Santa Cruz d/	3,551
Metropolitan Water District of Southern California c/ f/	707,643 b/
Long Beach d/	22,962
Los Angeles d/	194,862
San Diego d/	n.a.
Redding d/	9,067
Sacramento g/	45,180 b/
Fresno d/	51,427
Yreka d/	701
Tehachapi d/	524
El Centro d/	3,040

a/ Gross water produced
b/ Gross water deliveries
c/ Includes part of water supply for Long Beach, Los Angeles and San Diego, listed above.

Sources:
d/ State Controller's Office
e/ East Bay Municipal Utility District
f/ Metropolitan Water District of Southern California
g/ City of Sacramento

Department of Water Resources
Statewide Water Planning Branch
(916) 653-8023
http://wwwdwr.water.ca.gov/

TABLE G-7

CALIFORNIA FARMS, 2002 a/

Item	Amount
All land in farms (acres)	27,589,027
All cropland harvested (acres)	8,466,321
Irrigated land in farms b/ (acres)	8,709,353
Average size of farms (acres)	346
Number of farms by size group	
Total	79,631
Under 10 acres	21,827
10-49 acres	27,307
50-179 acres	14,356
180-499 acres	7,741
500-999 acres	3,604
1,000 to 1,999 acres	2,374
2,000 acres or more	2,422

a/ All farms with sales of $1,000 or more.
b/ Includes both cropland and pasture.

Source: U.S. Department of Commerce, Bureau of Census, Census of Agriculture, 2002

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-8

NUMBER OF FARMS, LAND AREA AND AVERAGE SIZE OF FARM
CALIFORNIA, 2002

County	Number of farms	Land in farms (acres)	Average size of farms (acres)	Cropland harvested (acres)
Total	79,631	27,589,027	346	8,466,321
Alameda	424	218,094	514	7,926
Alpine	14	d/	d/	d/
Amador	451	194,144	430	6,401
Butte	2,128	381,532	179	217,912
Calaveras	576	260,865	453	3,205
Colusa	821	485,392	591	296,550
Contra Costa	592	126,338	213	26,018
Del Norte	89	13,356	150	3,158
El Dorado	1,116	117,064	105	6,258
Fresno	6,281	1,928,865	307	1,078,900
Glenn	1,283	506,272	395	227,372
Humboldt	993	633,931	638	15,281
Imperial	537	514,101	957	475,294
Inyo	85	226,788	2,668	3,835
Kern	2,147	2,731,341	1,272	798,722
Kings	1,154	645,598	559	414,608
Lake	880	144,037	164	22,300
Lassen	419	481,826	1,150	43,089
Los Angeles	1,543	111,458	72	24,033
Madera	1,780	682,486	383	314,715
Marin	254	150,645	593	5,706
Mariposa	284	219,133	772	636
Mendocino	1,184	707,466	598	30,892
Merced	2,964	1,006,127	339	479,156
Modoc	428	608,928	1,423	107,969
Mono	63	54,366	863	11,611
Monterey	1,216	1,260,613	1,037	260,072
Napa	1,456	237,548	163	52,838
Nevada	599	82,336	137	3,326
Orange	348	68,018	195	10,593
Placer	1,438	131,311	91	27,049
Plumas	142	170,521	1,201	9,255
Riverside	3,186	572,036	180	195,372
Sacramento	1,513	314,317	208	123,999
San Benito	677	578,351	854	34,780
San Bernardino	1,386	513,642	371	37,751
San Diego	5,255	408,003	78	72,683
San Francisco	8	d/	d/	d/
San Joaquin	4,026	812,629	202	517,267
San Luis Obispo	2,322	1,318,142	568	108,465
San Mateo	306	41,530	136	6,273
Santa Barbara	1,444	756,937	524	105,137
Santa Clara	1,026	320,851	313	22,764
Santa Cruz	754	67,166	89	24,555
Shasta	1,126	333,828	296	20,492
Sierra	52	58,649	1,128	2,910
Siskiyou	796	610,388	767	118,489
Solano	915	351,453	384	131,408
Sonoma	3,447	627,227	182	91,537
Stanislaus	4,267	789,853	185	347,750
Sutter	1,391	371,964	267	267,891
Tehama	1,573	862,440	548	69,409
Trinity	135	105,469	781	725
Tulare	5,738	1,393,456	243	682,460
Tuolumne	358	149,767	418	898
Ventura	2,318	332,371	143	103,262
Yolo	1,060	550,407	519	315,336
Yuba	863	234,129	271	79,171

d/ Withheld to avoid disclosing data for individual farms.
Source: 2002 Census of Agriculture. A farm is any place from which $1,000 or more of agricultural products were sold, or normally would have been sold, during the census year.

Department of Food and Agriculture, California Agricultural Statistics Service, (916) 498-5161,

TABLE G-9

CALIFORNIA CASH FARM INCOME, ALL CROPS,
LIVESTOCK AND POULTRY, OTHER FARM INCOME,
AND GOVERNMENT PAYMENTS, 1960 TO 2007
(Dollars in millions)

Year	Cash Farm Income a/	All Crops	Livestock and Poultry	Other Farm Related Income b/	Direct Govern-ment Payments
1960	$3,271	$1,976	$1,246	$27	$22
1961	3,317	1,985	1,278	26	28
1962	3,485	2,081	1,344	28	32
1963	3,582	2,170	1,350	30	32
1964	3,747	2,369	1,309	35	34
1965	3,803	2,295	1,427	40	41
1966	4,188	2,477	1,565	42	104
1967	4,096	2,374	1,564	48	110
1968	4,452	2,679	1,621	51	101
1969	4,656	2,711	1,768	54	123
1970	4,717	2,718	1,815	52	132
1971	5,028	2,980	1,876	59	113
1972	5,698	3,430	2,086	60	122
1973	7,401	4,659	2,563	73	106
1974	8,678	5,796	2,786	78	18
1975	8,587	5,674	2,800	97	16
1976	9,214	6,173	2,923	105	13
1977	9,623	6,495	2,947	106	75
1978	10,846	7,302	3,381	107	57
1979	13,067	8,658	4,227	122	61
1980	14,116	9,899	4,089	115	14
1981	14,205	9,839	4,219	124	23
1982	14,872	10,089	4,393	255	135
1983	13,818	9,015	4,213	237	353
1984	14,984	9,891	4,529	229	335
1985	14,947	9,955	4,348	342	302
1986	15,567	10,372	4,463	344	388
1987	16,654	11,396	4,443	354	462
1988	17,398	11,975	4,663	416	335
1989	18,959	12,922	5,257	408	372
1990	20,304	13,786	5,493	773	252
1991	19,288	12,770	5,247	1,010	261
1992	19,957	13,924	5,100	503	430
1993	22,030	15,375	5,339	794	522
1994	23,128	16,415	5,478	962	273
1995	23,733	17,174	5,418	901	240
1996	25,451	17,494	6,125	1,531	301
1997	27,601	19,591	6,307	1,483	220
1998	25,643	17,686	6,527	1,073	357
1999	26,759	18,323	6,667	1,100	669
2000	27,204	18,943	6,253	1,311	689
2001	28,157	18,838	7,357	1,072	882
2002	28,419	20,272	6,270	1,221	646
2003	29,819	21,314	6,999	760	735
2004	33,966	22,280	8,558	2,641	478
2005	34,735	23,926	8,425	1,678	704
2006	34,616	24,261	7,547	2,269	530
2007	39,094	25,831	10,735	2,041	478

a/ Receipts from marketings plus government payments and other farm income.
b/ Includes forest product sales, recreational income and other farm business income. Estimates for 1982 and later include income from custom feeding services.
May not add due to rounding.

Source: U.S. Department of Agriculture, Economic Research Service, http://www.nass.usda.gov/ca/

TABLE G-10

CALIFORNIA CASH FARM RECEIPTS
FROM CROPS, 1960 TO 2007
(Dollars in millions)

Year	All Crops	Fruits and Nuts	Vege-tables	Field Crops	Nursery Products
1960	$1,976	$586	$448	$830	$112
1961	1,985	587	475	804	119
1962	2,081	601	522	826	132
1963	2,170	647	505	879	139
1964	2,369	724	563	917	165
1965	2,295	631	594	900	170
1966	2,477	712	690	893	182
1967	2,374	666	713	807	188
1968	2,679	786	855	842	196
1969	2,711	848	782	864	217
1970	2,718	824	771	889	234
1971	2,980	935	915	884	246
1972	3,430	1,018	1,050	1,071	291
1973	4,659	1,554	1,191	1,549	365
1974	5,796	1,503	1,490	2,382	421
1975	5,674	1,507	1,633	2,064	470
1976	6,173	1,608	1,589	2,427	549
1977	6,495	2,017	1,889	2,001	588
1978	7,302	2,555	2,125	1,957	665
1979	8,658	3,151	2,232	2,470	805
1980	9,899	3,252	2,557	3,184	906
1981	9,839	3,182	2,846	2,871	940
1982	10,089	3,416	2,734	2,995	944
1983	9,015	2,718	2,952	2,328	1,017
1984	9,891	3,246	3,113	2,287	1,245
1985	9,955	3,344	2,892	2,425	1,294
1986	10,372	3,661	3,173	2,200	1,338
1987	11,396	4,118	3,556	2,259	1,464
1988	11,975	4,593	3,372	2,462	1,548
1989	12,922	4,709	3,773	2,705	1,736
1990	13,786	5,135	3,784	2,936	1,932
1991	12,770	4,853	3,636	2,345	1,936
1992	13,924	5,308	4,040	2,669	1,907
1993	15,375	5,770	5,118	2,563	1,924
1994	16,415	5,688	5,472	3,250	2,005
1995	17,174	5,930	5,992	3,078	2,173
1996	17,494	6,530	5,735	2,935	2,294
1997	19,591	7,698	5,974	3,333	2,586
1998	17,686	6,588	5,701	2,815	2,582
1999	18,323	6,791	6,186	2,521	2,825
2000	18,943	7,051	6,427	2,339	3,126
2001	18,838	7,052	6,017	2,589	3,180
2002	20,272	7,712	6,576	2,664	3,320
2003	21,314	7,952	6,920	2,982	3,460
2004	22,280	9,489	6,436	2,770	3,585
2005	23,926	10,884	6,436	2,891	3,715
2006	24,261	10,233	7,402	2,727	3,899
2007	25,831	10,535	7,965	3,254	4,077

Source: U.S. Department of Agriculture,
Economic Research Service, http://www.nass.usda.gov/ca/

TABLE G-11

CASH INCOME BY COMMODITIES AND COMMODITY GROUPS, CALIFORNIA 2005 TO 2007 a/
(In thousands of dollars)

Commodity	2005	2006	2007
FIELD CROPS			
Alfalfa seed	$21,910	$30,495	$26,290
Barley	11,128	8,908	8,007
Beans, dry	50,336	57,708	53,260
Corn for grain	41,568	37,829	74,927
Cotton lint	696,907	522,036	615,306
Cottonseed	73,109	77,471	84,908
Grain, sorghum	2,413	3,022	3,746
Hay, all	703,783	635,658	836,653
Oats	520	430	1,615
Oil crops	18,673	20,708	23,869
Potatoes (excl. sweet)	191,869	176,838	144,065
Potatoes (sweet)	84,376	74,792	80,864
Rice	367,060	371,270	461,457
Sugar beets	68,385	68,775	64,797
Wheat	82,610	114,110	132,374
Other seed crops	117,790	149,782	141,710
Other field crops	358,768	377,040	500,235
Total	$2,891,205	$2,726,872	$3,254,083
% of gross cash income	8.9	8.6	8.9
FRUIT AND NUT CROPS			
Almonds	$2,525,909	$2,258,790	$2,127,375
Apples	54,699	81,210	79,666
Apricots	33,930	23,128	34,878
Avocados	279,745	337,258	253,853
Berries, Bushberries	257,840	293,344	332,463
Berries, Strawberries	1,122,834	1,199,341	1,338,586
Cherries	84,751	124,391	155,016
Dates	24,101	34,690	37,459
Figs	25,919	25,815	24,921
Grapefruit	101,794	81,515	42,702
Grapes	3,194,805	2,998,434	3,082,014
Kiwifruit	22,461	23,148	22,517
Lemons	292,163	322,489	292,196
Nectarines	120,456	112,706	89,039
Olives	80,102	18,119	86,693
Oranges, Navel & miscellaneous	639,980	344,673	224,230
Oranges, Valencia	171,707	130,369	59,553
Peaches, Clingstone	122,939	104,846	152,665
Peaches, Freestone	157,048	165,562	179,175
Pears	79,790	68,269	82,691
Pecans	7,110	5,848	7,832
Pistachios	580,150	449,820	561,600
Plums	92,463	108,648	101,077
Prunes	81,927	156,860	240,921
Tangerines	45,288	53,501	54,751
Walnuts	557,350	563,980	754,000
Other fruits and nuts	126,796	146,530	117,400
Total	$10,884,057	$10,233,284	$10,535,273
% of gross cash income	33.7	32.2	28.8
CHRISTMAS TREES			
Total	$9,026	$8,785	$8,700
% of gross cash income	---	---	---

Commodity	2005	2006	2007
NURSERY AND GREENHOUSE PRODUCTS			
Total	$3,706,441	$3,889,917	$4,068,566
% of gross cash income	11.5	12.2	11.1
VEGETABLE CROPS			
Artichokes	$39,453	$44,814	$49,339
Asparagus	80,850	61,124	70,180
Beans, Snap, Fresh	46,728	38,100	48,338
Broccoli, All	519,788	620,400	669,405
Cabbage	70,291	77,213	85,944
Carrots, All	462,476	451,165	494,916
Cauliflower	178,804	177,992	198,300
Celery	248,816	330,534	401,206
Corn, Sweet	103,918	82,598	107,827
Cucumbers, Fresh	23,637	22,750	20,535
Garlic	194,388	138,029	203,260
Lettuce	1,416,117	2,054,302	2,178,041
Melons, Cantaloupe	167,688	189,540	149,301
Melons, Honeydew	66,534	55,143	56,112
Melons, Watermelon	76,146	74,343	77,224
Mushrooms, Agaricus	172,301	174,215	181,603
Onions	194,539	207,182	345,042
Peppers, Chili	40,184	44,049	61,884
Peppers, Green	239,715	212,548	178,618
Pumpkins	14,355	15,105	13,356
Spinach, All	129,559	148,691	175,981
Squash	38,756	31,427	36,902
Tomatoes, Fresh	347,200	505,120	392,370
Tomatoes, Processing	572,160	660,802	849,365
Other Vegetable Crops	991,682	993,007	928,266
Total	$6,436,085	$7,410,194	$7,973,315
% of gross cash income	19.9	23.3	21.8
LIVESTOCK, POULTRY, AND PRODUCTS			
Aquaculture	$13,385	$12,891	$14,291
Cattle & calves	1,744,403	1,676,354	1,784,101
Chickens	714,788	584,650	713,200
Eggs	181,655	212,889	323,708
Hogs	35,736	30,906	31,549
Honey	25,200	19,562	14,144
Milk & cream	5,223,062	4,492,229	7,328,474
Sheep & lambs	56,135	46,788	42,610
Turkeys	170,216	196,963	195,712
Wool and Mohair	2,519	2,630	2,810
Other livestock/poultry	258,531	271,409	284,315
Total	8,425,628	7,547,271	10,734,914
% of gross cash income	26.0	23.7	29.4
TOTAL CASH INCOME FROM MARKETINGS	$32,352,441	$31,816,324	$36,574,850
FARM RELATED INCOME	$2,382,123	$2,799,247	$2,519,230
% of gross cash income	6.4	8.0	6.4
GROSS CASH INCOME b/	$34,734,564	$34,615,571	$39,094,080

a/Totals may not add due to rounding.
b/ Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwellings, government payments, and other miscellaneous farm income.

Source: USDA, Economic Research Service
Department of Food and Agriculture, California Agricultural Statistics Service, (916) 498-5161, http://www.cdfa.ca.gov/

TABLE G-12

FARM INCOME AND EXPENSES, CALIFORNIA, 2001 TO 2007
(In thousands of dollars)

Item	2001	2002	2003	2004	2005	2006	2007
Value of crop production	$18,891,324.00	$20,400,829.00	$21,054,438.00	$22,742,144.00	$23,818,476.00	$24,258,224.00	$25,818,190.00
Food grains	352,569	356,918	420,190	481,815	449,669	485,381	593,831
Feed crops	668,847	634,278	607,824	677,774	759,412	685,848	924,949
Cotton	676,782	598,175	914,064	564,394	770,016	599,507	700,214
Oil crops	28,315	18,906	27,799	23,142	18,673	20,708	23,869
Tobacco	0	0	0	0	0	0	0
Fruits and tree nuts	7,052,488	7,712,116	7,952,278	9,488,749	10,884,056	10,233,283	10,535,272
Vegetables	6,143,010	6,786,347	7,116,282	6,613,246	6,581,754	7,537,051	8,061,717
All other crops	3,924,446	4,175,363	4,286,101	4,439,837	4,463,231	4,707,275	5,000,084
Home consumption	12,403	9,549	6,843	5,566	6,008	19,027	17,271
Value of inventory adjustment a/	32,464	109,177	(276,943)	447,621	(114,343)	(29,856)	(39,017)
Value of livestock production	7,397,839	6,321,169	6,942,670	8,768,050	8,492,366	7,626,757	10,699,450
Meat animals	1,433,448	1,302,336	1,652,372	1,731,207	1,836,274	1,754,048	1,858,260
Dairy products	4,625,431	3,832,501	4,027,837	5,365,992	5,223,062	4,492,229	7,328,474
Poultry and eggs	1,035,870	870,483	1,025,816	1,233,697	1,139,889	1,072,062	1,303,270
Miscellaneous livestock	262,082	264,894	293,286	227,545	226,405	228,932	244,910
Home consumption	1,736	2,192	2,146	3,441	8,388	25,453	24,726
Value of inventory adjustment a/	39,272	48,763	(58,787)	206,168	58,348	54,033	(60,190)
Revenues from services and forestry	1,867,636	1,697,371	1,822,290	2,455,310	2,423,722	2,730,590	2,576,440
Machine hire and customwork	296,129	314,588	338,896	584,518	465,008	631,292	318,970
Forest products sold	7,801	8,163	7,851	7,438	8,012	9,380	8,200
Other farm income	673,978	442,620	505,809	597,020	679,327	722,871	706,617
Gross imputed rental value of farm dwellings	889,728	932,000	969,734	1,266,334	1,271,375	1,367,047	1,542,653
Value of agricultural sector production b/	28,156,799	28,419,369	29,819,398	33,965,503	34,734,564	34,615,571	39,094,080
less: Purchased inputs	15,305,375	14,683,118	14,239,453	14,535,548	16,091,345	17,607,143	17,622,930
Farm origin	4,024,553	3,956,304	3,730,412	4,342,720	4,559,723	4,829,725	5,339,154
Feed purchased	2,528,561	2,562,445	2,239,997	2,780,002	2,860,003	3,050,004	3,740,002
Livestock and poultry purchased	619,786	533,549	620,417	712,716	709,720	709,720	679,153
Seed purchased	876,206	860,310	869,998	850,002	990,000	1,070,001	919,999
Manufactured inputs	3,260,958	3,028,028	2,912,697	2,973,002	3,656,077	4,067,744	4,028,339
Fertilizers and lime	826,769	760,680	800,001	830,000	1,030,000	1,169,999	1,080,001
Pesticides	1,031,682	944,037	980,003	950,000	1,159,997	1,240,001	1,149,999
Petroleum fuel and oils	550,944	544,295	543,343	639,511	923,162	1,017,252	1,158,175
Electricity	851,563	779,016	589,350	553,491	542,918	640,492	640,164
Other purchased inputs	8,019,864	7,698,786	7,596,344	7,219,826	7,875,545	8,709,674	8,255,437
Repair and maintenance of capital items	795,617	754,478	861,889	1,032,382	966,917	1,034,311	1,124,210
Machine hire and customwork	707,713	926,875	848,335	692,464	700,322	663,928	608,743
Marketing, storage, and transportation expenses	2,132,059	1,925,726	1,497,500	1,431,972	2,190,880	2,223,179	2,112,847
Contract labor	1,635,114	1,425,365	1,630,664	1,495,038	1,564,551	1,407,973	1,730,664
Miscellaneous expenses	2,749,361	2,666,342	2,757,955	2,567,969	2,452,875	3,380,283	2,678,973
plus: Net government transactions	223,392	76,114	112,926	(176,417)	(32,520)	(295,815)	(426,302)
+Direct government payments	882,216	645,973	735,305	478,375	703,629	530,178	477,775
-Motor vehicle registration and licensing fees	43,505	29,296	62,381	64,791	56,097	65,992	54,076
Property taxes	615,319	540,563	559,998	590,001	680,052	760,001	850,001
Gross value added	13,074,816	13,812,364	15,692,872	19,253,539	18,610,700	16,712,612	21,044,848
less: Capital consumption	1,077,008	1,099,705	1,112,949	1,214,219	1,325,392	1,376,507	1,423,586
Net value added	11,997,808	12,712,660	14,579,923	18,039,320	17,285,308	15,336,105	19,621,262
less: Payments to stakeholders	6,782,147	6,534,271	6,745,647	6,873,344	7,380,750	7,416,103	6,956,003
Employee compensation (total hired labor)	4,927,743	4,692,655	4,719,336	5,098,377	5,529,970	5,461,927	4,978,740
Net rent received by nonoperator landlords	555,056	545,882	838,505	592,325	514,745	434,939	366,603
Real estate and nonreal estate interest	1,299,348	1,295,734	1,187,806	1,182,642	1,336,035	1,519,237	1,610,660
Net farm income	5,215,661	6,178,389	7,834,276	11,165,976	9,904,558	7,920,002	12,665,259

a/ A positive value of inventory change represents current-year production not sold by December 31.
A negative value is an offset to production from prior years included in current-year sales.
b/ Value of agricultural sector production is the gross value of the commodities and services produced within a year.
Net value-added is the sector's contribution to the national economy and is the sum of income
from production earned by all factors-of-production, regardless of ownership
Net farm income is the farm operators' share of income from the sector's production activities.

Source: USDA, Economic Research Service

Department of Food and Agriculture, California Agricultural Statistics Service, (916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-13

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 2007

Commodity	Rank in U.S. 1/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 2/	Rank among all California commodities 2/ 2006	2007	Harvest season	Leading counties 3/
Vegetables, total:					$7,845,778				
Artichokes 4/	1	99	8.2	45.1	49,339	54	54	Continuous	Monterey, Santa Barbara, Riverside, Imperial, San Benito
Asparagus	1	52	20.0	29.0	70,180	48	49	Jan. 1-Nov. 30	San Joaquin, Monterey, Fresno, San Benito, Merced
Beans, F.M. Snap	2	11	6.8	35.7	48,338	55	55	June 1-Dec. 31	San Diego, Santa Clara, Tulare, San Mateo
Broccoli	1	93	126.0	945.0	669,405	12	13	Continuous	Monterey, Santa Barbara, San Luis Obispo, Imperial, Fresno
Cabbage, Fresh Market	1	22	14.7	290.4	85,944	43	44	Continuous	Monterey, Ventura, San Luis Obispo, Santa Barbara, Imperial
Carrots	1	66	72.9	1,127.7	494,916	17	18	Continuous	Kern, Imperial, Monterey, San Luis Obispo, Fresno
Cauliflower	1	86	33.5	301.5	198,300	31	28	Jan. 20-Dec. 15	Monterey, Santa Barbara, Imperial, San Luis Obispo, Riverside
Celery	1	95	26.5	967.2	401,206	21	19	Continuous	Ventura, Monterey, Santa Barbara, San Luis Obispo, San Benito
Corn, F.M. Sweet	2	16	25.6	230.4	107,827	41	39	May 1-Dec. 1	Fresno, Imperial, San Joaquin, Contra Costa, Riverside
Cucumbers, F.M.	3	10	5.0	46.2	20,535	63	65	Apr. 1-Nov. 30	San Diego, Ventura, San Joaquin, Tulare, Orange
Garlic 4/	1	86	24.7	210.0	203,260	34	27	Apr. 1-Sept. 15	Fresno, Kern, Kings, Santa Clara, San Benito
Lettuce, Head	1	76	135.0	2,396.2	1,068,728	---	---	Jan. 1-Nov. 30	Monterey, Fresno, Santa Barbara, Imperial, San Luis Obispo
Lettuce, Leaf	1	90	86.0	989.0	569,664	---	---	Continuous	Monterey, Imperial, Fresno, Santa Barbara, San Benito
Lettuce, Romaine	1	83	69.0	1,138.5	539,649	---	---	Continuous	Monterey, Riverside, San Benito, Santa Clara, Ventura
Lettuce, All	---	---	290.0	4,523.7	2,178,041	5	4	---	Monterey, Fresno, Imperial, Santa Barbara, San Benito
Melons, Cantaloupe	1	55	46.1	587.8	149,301	29	36	June 1-Dec. 15	Fresno, Imperial, Merced, Stanislaus, Riverside
Melons, Honeydew	1	72	16.0	168.0	56,112	52	53	June 1-Dec. 15	Fresno, Imperial, Sutter, Riverside, Yolo
Melons, Watermelon	3	16	13.4	341.7	77,224	45	47	June 1-Oct. 25	Fresno, Kern, San Joaquin, Imperial, Riverside
Mushrooms, Agaricus	2	20	0.5	58.9	187,473	32	30	Continuous	Monterey, Santa Clara, Ventura, San Diego, San Mateo
Onions, All	1	38	47.2	1,510.2	211,635	22	26	May 1-Oct. 31	Fresno, Imperial, Kern, Los Angeles, Monterey
Peppers, Bell	1	48	21.0	351.8	178,618	---	---	Apr. 1-Oct. 31	Riverside, Kern, Ventura, San Benito, Fresno
Peppers, Chili	2	43	5.8	89.9	61,884	---	---	May 1-Nov. 30	Santa Clara
Peppers, All	---	---	26.8	441.7	240,502	25	25	---	---
Pumpkins	3	11	5.3	63.6	13,356	67	68	Sept. 1-Oct. 31	San Joaquin, San Mateo, Sacramento, Ventura, Stanislaus
Spinach, Fresh Market	1	83	33.0	264.0	168,960	---	---	Continuous	Monterey
Spinach, Processing	1	63	8.5	59.5	7,021	---	---	Continuous	---
Spinach, All	---	---	41.5	323.5	175,981	33	31	---	Monterey, Imperial, San Benito, Ventura, Riverside
Squash	2	19	7.0	73.5	36,902	57	58	June 1-Aug. 31	Santa Barbara, Fresno, San Diego, Monterey, Tulare
Tomatoes, F.M.	2	33	41.0	615.0	392,370	---	---	May 15-Jan. 31	Fresno, Merced, San Diego, San Joaquin, Stanislaus
Tomatoes, Processing	1	95	296.0	12,082.0	849,365	---	---	June 20-Nov. 10	Fresno, Yolo, San Joaquin, Kings, Merced
Tomatoes, All	---	---	337.0	12,697.0	1,241,735	8	9	---	---
Other Vegetables and Melons	---	---	---	---	928,266	---	---	---	---

TABLE G-13 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 2007

Commodity	Rank in U.S. 1/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 2/	Rank among all California commodities 2/ 2006	2007	Harvest season	Leading counties 3/
Fruits and nuts, total:					$10,784,549				
Almonds (Shelled) 4/	1	99	615.0	695.0	2,127,375	4	5	Aug. 1-Oct. 31	Fresno, Stanislaus, Kern, Merced, Madera
Apples	5	4	20.5	172.5	90,769	40	41	July 15-Oct. 30	San Joaquin, Kern, Fresno, El Dorado, Santa Cruz
Apricots	1	92	13.8	81.0	34,878	62	59	May 1-July 15	Stanislaus, Fresno, Kern, San Joaquin, Merced
Avocados	1	90	65.0	132.0	250,800	20	24	Continuous	San Diego, Ventura, Riverside, Santa Barbara, Orange
Berries, Blueberries	5	6	2.7	8.2	30,215	60	61	---	Tulare, San Joaquin
Berries, Boysenberries	2	3	0.3	1.7	2,428	73	75	June 1-July 15	---
Berries, Raspberries	1	61	4.4	44.5	285,120	26	23	June 1-Oct. 31	Santa Cruz, Ventura, Monterey
Berries, F.M. Strawberries	---	86	---	858.0	1,226,869	---	---	---	Monterey, Ventura, Santa Barbara, San Luis Obispo, Sacramento
Berries, Proc. Strawberries	---	93	---	219.0	111,716	---	---	---	Ventura, Santa Barbara, Monterey, San Diego
Berries, All Strawberries	1	86	35.5	1,077.0	1,338,585	7	8	Feb. 20-Nov. 15	Monterey, Ventura, Santa Barbara, Santa Cruz, San Luis Obispo
Cherries, Sweet	2	27	30.0	85.0	155,016	35	35	May 20-June 25	San Joaquin, Fresno, Stanislaus, Tulare, Kern
Dates 4/	1	82	5.9	16.3	37,327	56	57	Oct. 1-Dec. 15	Riverside, Imperial, Tulare, Fresno, San Bernardino
Figs 4/	1	99	10.2	51.6	24,921	59	62	June 10-Sept. 15	Madera, Merced
Grapefruit, All	3	10	11.5	184.2	67,278	42	50	Nov. 1-July 31	Riverside, Tulare, San Diego, Kern, Imperial
Grapes, Raisin Type	---	---	227.0	2,133.0	600,440	---	---	May 15-Nov. 15	Fresno, Madera, Tulare, Kern, Kings
Grapes, Table Type	---	---	82.0	791.0	622,774	---	---	May 25-Dec. 15	Kern, Tulare, Fresno, Riverside, Madera
Grapes, Wine Type	---	---	480.0	3,287.0	1,854,555	---	---	Aug. 5-Dec. 15	Napa, Sonoma, Monterey, San Joaquin, Fresno
Grapes, All	1	89	789.0	6,211.0	3,077,769	2	2	---	Fresno, Kern, Tulare, Napa, Sonoma
Kiwifruit 4/	1	97	4.0	24.5	22,517	61	64	Oct. 1-May 31	Tulare, Butte, Yuba, Fresno, Sutter
Lemons	1	86	45.0	703.0	394,280	19	20	Aug. 1-July 31	Ventura, Kern, Tulare, Riverside, Fresno
Nectarines	1	95	35.5	269.0	89,039	36	42	June 10-Sept. 5	Fresno, Tulare, Kings, Kern, Los Angeles
Olives 4/	1	100	31.0	132.5	86,694	66	43	Sept. 25-Mar. 15	Tulare, Glenn, Tehama, Butte, Fresno
Oranges, Navel and Misc.	---	34	136.0	1,293.8	391,565	---	---	Nov. 1-Aug.31	Tulare, Kern, Fresno, Riverside, San Bernardino
Oranges, Valencia	---	15	43.0	431.2	126,931	---	---	Nov. 1-June 15	Tulare, Kern, San Diego, Fresno, Ventura
Oranges, All	2	26	179.0	1,725.0	518,496	11	17	---	Tulare, Kern, Fresno, San Diego, Ventura
Peaches, Clingstone	1	100	26.5	503.0	152,665	---	---	July 15-Sept. 15	Stanislaus, Sutter, Yuba, Merced, Butte
Peaches, Freestone	1	71	36.0	446.0	179,175	---	---	May 10-Sept. 15	Fresno, Tulare, Kings, Stanislaus, Merced
Peaches, All	1	84	62.5	949.0	331,840	23	21	---	Fresno, Tulare, Stanislaus, Kings, Sutter
Pears, All	2	28	16.0	243.0	82,691	47	45	Aug. 5-Oct. 5	Sacramento, Mendocino, Lake, Fresno, Yuba
Pecans	8	1	3.1	22.0	7,832	71	71	Sept. 1-Nov. 30	Tulare
Pistachios 4/	1	96	114.0	208.0	561,600	18	16	Sept. 15-Dec. 10	Kern, Madera, Tulare, Kings, Fresno
Plums	1	95	37.0	152.0	101,077	37	38	May 25-Aug. 20	Fresno, Tulare, Kings, Kern, Madera
Plums, Dried 4/	1	99	65.0	83.0	117,450	24	40	Aug. 15-Oct. 10	Glenn, Tehama, Butte, Sutter, Tulare
Tangerines, Mandarins, Tangelos, and Tangors	2	37	16.0	131.2	77,152	50	48	Nov. 1-May 15	Kern, Tulare, Riverside, San Diego, Ventura
Walnuts 4/	1	99	218.0	325.0	754,000	14	11	Sept. 5-Nov. 10	San Joaquin, Tulare, Stanislaus, Butte, Sutter
Other Fruits and Nuts	---	---	---	---	117,400	---	---	---	---

TABLE G-13 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 2007

Commodity	Rank in U.S. 1/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 2/	Rank among all California commodities 2/ 2006	2007	Harvest season	Leading counties 3/
Field and seed crops, total:					$4,141,159				
Barley	12	1	40.0	57.6	10,680	69	69	May 15-Oct. 1	Siskiyou, Fresno, Merced, Monterey, San Bernardino
Beans, Dry	6	5	58.0	60.6	57,328	51	52	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Tulare, Colusa, Fresno
Cotton Lint, All	4	8	451.0	346.3	599,352	15	14	Oct. 1-Jan. 1	Fresno, Kings, Kern, Merced, Tulare
Cottonseed	3	8	---	546.0	131,040	38	37	---	Kern, Kings, Fresno, Merced, Tulare
Grain, Corn	27	---	200.0	1,008.0	158,400	49	33	Sept. 1-Dec. 1	San Joaquin, Sacramento, Tulare, Merced, Glenn
Grain, Sorghum	17	---	11.0	27.7	4,130	74	73	---	Tulare, Sutter
Hay, Alfalfa and Other	2	6	1,610.0	9,422.0	1,434,850	9	7	Mar. 1-Nov. 5	Kern, Tulare, Imperial, Merced, Fresno
Oats	14	2	20.0	29.8	5,115	72	72	June 15-Oct. 1	Siskiyou, Fresno, Sacramento, Sonoma, Modoc
Potatoes (Excl. Sweet)	9	3	41.9	745.4	163,527	30	32	Continuous	Kern, San Joaquin, Riverside, Siskiyou, Modoc
Potatoes, Sweet	2	23	13.3	212.8	80,864	44	46	July 15-Nov. 15	Merced, Stanislaus, Kern, San Bernardino, San Benito
Rice 5/ 6/	2	22	533.0	2,191.1	582,833	16	15	Sept. 1-Nov. 30	Colusa, Butte, Sutter, Glenn, Yuba
Sugar Beets 5/ 6/	5	5	39.1	1,466.0	64,797	46	51	Apr. 1-Dec. 10	Imperial, Fresno, Mercent, Kern, Tulare
Wheat, All	18	1	315.0	789.8	156,139	39	34	May 20-Sept. 1	Kern, Imperial, Kings, Fresno, Yolo
Oil Crops 7/	---	---	---	---	23,869	64	63	---	---
Other Field Crops	---	---	---	---	668,235	---	---	---	---
Nursery and flower crops, total:					$4,077,266				
Nursery Products 4/ 6/ 8/	1	---	---	---	3,065,995	3	3	Continuous	San Diego, Ventura, Monterey, Riverside, Orange
Flowers and Foliage 9/	1	---	---	---	1,002,571	10	10	Continuous	San Diego, Santa Barbara, Santa Cruz, Monterey, San Luis Obispo
Christmas Trees	---	---	---	---	8,700	70	70	Nov. 1-Dec. 24	El Dorado, San Bernardino, Santa Clara, Sonoma, Riverside

TABLE G-13 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 2007

Commodity	Rank in U.S. 1/	Calif. % of U.S. production	Marketings 1,000 pounds	Cash receipts $1,000 2/	Rank among all California commodities 2/ 2006	2007	Leading counties 3/
Livestock, dairy, poultry, and apiary, total:				$10,734,914			
Aquaculture	---	---	---	14,291	68	66	Imperial, Riverside, Merced
Cattle and Calves	7	4	2,427,080	1,784,101	6	6	Tulare Fresno, Imperial, Merced, Kern
Chickens, All	---	---	---	713,200	13	12	Fresno, Merced, Stanislaus, Tulare, San Joaquin
Hogs and Pigs 4/	30	---	64,250	31,549	58	60	Tulare, San Bernardino, Fresno, Stanislaus, Kern
Honey	2	9	13,600	14,144	65	67	Tulare, Kern, Fresno, Merced, San Diego
Milk and Cream	1	21	40,646,000	7,328,474	1	1	Tulare, Merced, Stanislaus, Kern, Kings
Sheep and lambs	2	9	51,337	42,610	53	56	Fresno, Kern, Imperial, Solano, Merced
Turkeys	7	6	444,800	195,712	28	29	Fresno, Merced, Stanislaus, Kings, Tulare
Wool and Mohair	4	7	3,125	2,810	75	74	Kern, Imperial, Fresno, Solano, Sutter
			Millions of Eggs				
Eggs, Chicken	6	5	4,938	323,708	27	22	San Diego, Santa Barbara, Santa Cruz, Monterey, San Luis Obispo
Other Livestock and Poultry	---	---	---	284,315	---	---	---

1/ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.
2/ Based on value of quantity harvested for crops, value of quantity marketed for livestock, and value of quantity produced for poultry products.
3/ Based on values published in the county agricultural commissioners' annual crop reports.
4/ California share of U.S. Production is less than one-half percent
5/ The 2007 price and value are based on the 2006 California average price.
6/ Extracted from county agricultural commissioners' annual crop reports.
7/ Includes sunflower, safflower, and canola.
8/ Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category.
9/ Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 498-5161
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TABLE G-14

CALIFORNIA'S LEADING AGRICULTURAL COUNTIES
BY TOTAL VALUE OF PRODUCTION, 2007 a/

Rank 2006	Rank 2007	County	Value of production ($1,000)	Leading commodities
1	1	Fresno	5,345,352	Grapes, Almonds, Milk, Poultry, Tomatoes
2	2	Tulare	4,873,743	Milk, Oranges, Cattle and Calves, Grapes, Alfalfa Hay and Silage
4	3	Kern	4,092,107	Milk, Grapes, Citrus, Almonds and By-Products, Carrots
3	4	Monterey	3,823,287	Lettuce, Strawberries, Nursery, Broccoli, Grapes
5	5	Merced	3,001,667	Milk, Chickens, Almonds, Cattle and Calves, Tomatoes
6	6	Stanislaus	2,412,339	Milk, Almonds, Chickens, Cattle and Calves, Walnuts
7	7	San Joaquin	2,005,185	Milk, Grapes, Cherries, Almonds, Walnuts
11	8	Kings	1,761,852	Milk, Cotton, Cattle and Calves, Alfalfa, Pistachios
8	9	Ventura	1,547,263	Strawberries, Nursery Stock, Lemons, Celery, Tomatoes
9	10	San Diego	1,536,260	Foliage Plants, Trees and Shrubs, Bedding Plants, Avocados, Tomatoes
10	11	Imperial	1,369,147	Cattle, Alfalfa, Lettuce, Broccoli, Vegetables
12	12	Riverside	1,257,520	Nursery Stock, Milk, Table Grapes, Eggs, Hay
13	13	Madera	1,219,297	Milk, Grapes, Almonds, Pistachios, Replacement Heifers
14	14	Santa Barbara	1,103,323	Strawberries, Broccoli, Wine Grapes, Lettuce, Cauliflower
15	15	San Luis Obispo	653,870	Wine Grapes, Broccoli, Strawberries, Cattle and Calves, Vegetable Transplants
16	16	Sonoma	639,056	Wine Grapes, Milk, Livestock and Poultry, Livestock and Poultry Products, Ornamental Nursery
18	17	San Bernardino	572,167	Milk, Eggs, Cattle and Calves, Trees and Shrubs, Replacement Heifers
22	18	Glenn	493,504	Almonds, Rice, Dairy, Walnuts, Dried Plums
19	19	Butte	490,784	Almonds, Rice, Walnuts, Dried Plums, Nursery Stock
21	20	Santa Cruz	485,127	Strawberries, Raspberries, Vegetables, Indoor Cut Flowers, Landscape Plants
17	21	Napa	484,729	Wine Grapes, Nursery Products, Cattle and Calves, Livestock Products, Olives
20	22	Colusa	484,525	Rice, Almond Meats, Tomatoes, English Walnuts, Rice Seed
23	23	Yolo	453,539	Tomatoes, Alfalfa Hay, Wine Grapes, Rice, Seed Crops
24	24	Sutter	377,941	Rice, Walnuts, Peaches, Tomatoes, Dried Plums
25	25	Sacramento	364,859	Wine Grapes, Milk, Nursery Stock, Vegetables, Poultry
27	26	San Benito	293,090	Nursery Stock, Vegetable and Row Crops, Wine Grapes, Bell Peppers, Lettuce
30	27	Solano	268,255	Nursery Products, Alfalfa, Tomatoes, Cattle and Calves, Walnuts
26	28	Orange	255,216	Woody Ornamentals, Strawberries, Flower Propagative Materials, Potted Plants, Fruits and Nuts
29	29	Santa Clara	254,482	Nursery Crops, Mushrooms, Bell Peppers, Tomatoes, Steers and Heifers
28	30	Los Angeles	253,388	Trees and Shrubs, Bedding Plants, Root Vegetables, Orchard Fruit, Alfalfa Hay
33	31	Tehama	190,737	Walnuts, Almonds, Dried Plums, Olives, Milk
31	32	Siskiyou	176,504	Alfalfa Hay, Strawberry Nursery Plants, Cattle, Potatoes, Field Crops
32	33	San Mateo	168,751	Potted Plants, Nursery Stock, Cut Flowers, Mushrooms, Brussels Sprouts
34	34	Yuba	148,350	Rice, Walnuts, Peaches, Milk, Cattle and Calves
35	35	Mendocino	128,206	Wine Grapes, Pears, Cattle and Calves, Milk, Pasture
36	36	Humboldt	123,155	Nursery Products, Milk, Cattle and Calves, Energy Biomass, Pasture
37	37	Shasta	98,000	Forest Products, Hay, Stockers and Feeders, Strawberry Nursery Plants, Wild Rice
38	38	Modoc	91,807	Alfalfa Hay, Cattle and Calves, Potatoes, Vegetables, Wheat
39	39	Contra Costa	76,641	Sweet Corn, Cattle and Calves, Bedding Plants, Grapes, Tomatoes
40	40	Lake	71,868	Wine Grapes, Pears, Nursery Products, Walnuts, Cattle and Calves
43	41	Marin	67,133	Milk, Cattle and Calves, Poultry, Rangeland Pasture, Aquaculture
41	42	Lassen	59,565	Hay, Livestock, Strawberry Plants, Pastureland, Mint
42	43	Placer	52,381	Rice, Nursery Products, Cattle and Calves, Livestock and Products, Walnuts
44	44	Del Norte	46,628	Cows, Milk, Lily Bulbs, Woody Ornamentals, Calves
45	45	Alameda	42,441	Woody Ornamentals, Cattle and Calves, Wine Grapes, Rangeland Pasture, Nursery Products
48	46	Mono	36,887	Alfalfa, Stockers and Feeders, Steers, Heifers, Other Hay
47	47	El Dorado	34,643	Cattle and Calves, Wine Grapes, Rangeland Pasture, Christmas Trees, Nursery Products
46	48	Amador	28,433	Wine Grapes, Cattle and Calves, Rangeland Pasture, Fruits and Nuts, Livestock
49	49	Mariposa	28,247	Cattle and Calves, Rangeland, Poultry, Livestock and Poultry Products, Forest Products
50	50	Tuolumne	26,380	Livestock, Cattle and Calves, Range Pasture, Firewood, Bees
51	51	Plumas	21,100	Stockers and Feeders, Hay, Pasture, Cull Beef Cows, Fruits and Nuts
52	52	Inyo	19,980	Steers, Turf, Alfalfa, Heifers, Cows
53	53	Calaveras	15,414	Cattle and Calves, Wine Grapes, Poultry, Walnuts, Nursery Products
54	54	Nevada	9,566	Fed Heifers and Steers, Wine Grapes, Pasture, Cull Cows, Fruit and Vegetables
55	55	Sierra	6,514	Stockers and Feeders, Pasture, Hay, Cull Beef Cows, Fruits and Nuts
56	56	Alpine	4,723	Cattle and Calves, Rangeland, Pasture, Hay
58	57	Trinity	2,320	Cattle and Calves, Pasture, Wine Grapes, Fruits and Nuts, Hay
57	58	San Francisco	1,589	Vegetables, Cut Flowers

a/Totals vary slightly from those published by counties due to classification differences between county and state reports.
b/Three County Agricultural Commissioners' Reports were not available at publication so 2003 data (last available report) was used for Trinity County, while 2006 data was used for Humboldt and Tuolumne counties for this report.

Department of Food and Agriculture, California Agricultural Statistics Service, (916) 498-5161, http://www.cdfa.ca.gov/

TABLE G-15

CALIFORNIA'S AGRICULTURAL EXPORTS BY COMMODITY GROUP, 2004 TO 2006
(Thousands of dollars)

2006 Rank	Commodity	2004	2005	2006
1	Almonds	$1,369,687	$1,840,912	$1,898,839
2	Wine a/	683,788	575,343	735,835
3	Dairy and products	439,916	563,362	603,799
4	Cotton	631,892	699,695	553,825
5	Table grapes a/	454,088	540,156	499,363
6	Walnuts	240,506	318,451	365,453
7	Oranges and products a/ b/	345,330	365,472	359,230
8	Pistachios	178,965	299,496	287,072
9	Tomatoes, processed a/	250,263	263,499	286,276
10	Strawberries a/	202,109	233,532	273,441
11	Rice	280,305	319,796	268,872
12	Lettuce	188,318	236,995	243,687
13	Raisins	195,099	209,130	206,110
14	Beef and products c/	80,071	99,681	152,179
15	Dried Plums	130,105	107,735	132,918
16	Peaches & nectarines	123,257	126,999	125,191
17	Hay a/	109,199	112,232	117,072
18	Broccoli a/	98,945	104,156	111,670
19	Lemons a/	77,375	86,972	101,830
20	Grapefruit	42,997	50,268	88,522
21	Carrots	78,402	82,440	86,834
22	Tomatoes, fresh a/	67,700	54,906	61,697
23	Plums	37,630	55,186	59,653
24	Celery a/	50,512	52,745	54,872
25	Onions a/	39,341	45,077	53,461
26	Flowers & nursery b/	40,908	42,149	50,785
27	Cherries	76,677	45,524	49,308
28	Cauliflower	47,982	47,561	46,628
29	Melons	39,276	42,829	42,059
30	Potatoes	24,129	35,432	41,680
31	Raspberries	23,468	28,601	40,395
32	Pears	24,044	24,387	28,573
33	Grape juice	29,835	30,365	27,536
34	Apples	15,869	24,146	27,029
35	Garlic	21,178	24,284	26,294
36	Spinach	26,866	30,706	26,205
37	Bell & chili peppers a/ b/	26,364	25,548	21,893
38	Cabbage	14,857	19,416	18,925
39	Turkey	14,560	18,693	17,642
40	Kiwi	10,581	8,955	16,772
41	Dates	12,459	13,284	16,330
42	Olives	15,636	17,682	16,157
43	Tangerines and manderins	8,953	11,840	15,336
44	Wheat	26,622	17,749	14,564
45	Figs	9,211	12,267	14,078
46	Sweet Potatoes	10,472	9,521	13,471
47	Apricots	12,719	14,150	12,747
48	Asparagus a/	18,010	31,395	12,295
49	Cottonseed byproducts	16,903	6,078	12,182
50	Avocados	2,216	2,749	10,571
51	Eggs	5,135	10,043	9,312
52	Dry Beans	6,682	9,559	7,613
53	Chickens	7,002	8,603	7,471
54	Artichokes	4,188	4,390	4,651
55	Mushrooms	2,383	2,292	2,297
	Total Principal Commodities	6,990,985	8,064,434	8,378,497
	Total Other Products a/ d/ e/	1,246,108	1,291,911	1,419,911
	Total All Agricultural Exports	$8,237,092	$9,356,345	$9,798,408

a/ 2005 figures were revised based on updated production data from the U.S. Department of Agriculture/National Agricultural Sta
b/ 2005 figures were revised based on updated Canadian import data.
c/ Hides and skins account for 46% of beef and products total value
d/ 2005 figures were revised based on updated port data from the U.S. Department of Commerce/International Trade Commissio
e/ "Other Products" is composed of (1) highly processed products that are difficult to attribute to a specific commodity such as mixtures of fruits, nuts and vegetables and other processed foods; and (2) animal and plant products marketed in such small quantities that they are not included in the top 55 leading commodities.

Source: University of California, Agricultural Issues Center (AIC), (530) 752-2320, http://aic.ucdavis.edu/

TABLE G-16

CALIFORNIA'S TOP 15 AGRICULTURAL EXPORT MARKETS
BY VALUE OF PRINCIPAL EXPORTS *a/*, 2006
(Millions of dollars)

Rank	Country		Leading Exports
1	European Union	$2,071	Almonds, wine, pistachios, walnuts, raisins, dried plums, dairy & products, cotton, table grapes, rice, processed tomatoes, lemons, strawberries, flowers & nursery, sweet potatoes, garlic, onions, dates, peaches & nectarines, olives, pears, others
2	Canada	1,879	Lettuce, strawberry, processed tomatoes, table grapes, wine, almonds, oranges & products, carrots, broccoli, peaches & nectarines, fresh tomatoes, celery, cauliflower, walnuts, raspberries, lemons, melons, potatoes, raisins, plums, spinach, pistachios, onions, peppers, flowers & nursery, grape juice & concentrate, cabbage, pears, cherries, dried plums, sweet potatoes, grapefruit, garlic, dairy & products, apricots, olives, tangerines & mandarins, kiwi, dates, figs, asparagus, artichokes, cotton, rice, others
3	Japan	964	Rice, almonds, hay, oranges & products, wine, walnuts, dairy & products, lemons, broccoli, strawberries, dried plums, raisins, cherries, grapefruit, cotton, beef & products, processed tomatoes, pistachios, cauliflower, table grapes, dry beans, onions, melons, tangerines & mandarins, raspberries, lettuce, grape juice & concentrate, olives, kiwi, asparagus, fresh tomatoes, flowers & nursery, apricots, cottonseed & byproducts, figs, others
4	China/Hong Kong	611	Cotton, almonds, table grapes, oranges & products, beef & products, pistachios, raisins, wine, walnuts, dairy & products, plums, lemons, processed tomatoes, cottonseed & byproducts, peaches & nectarines, dried plums, flowers & nursery, celery, figs, others
5	Mexico	562	Dairy & products, table grapes, processed tomatoes, almonds, beef & products, cotton, strawberries, flowers & nursery, lettuce, peaches & nectarines, fresh tomatoes, potatoes, onions, oranges & products, wine, plums, cottonseed & byproducts, figs, rice, kiwi, raisins, garlic, walnuts, carrots, pears, dried plums, pistachios, melons, cauliflower, celery, broccoli, others
6	Sourth Korea	312	Oranges & products, grapefruit, walnuts, rice, almonds, hay, beef & products, processed tomatoes, wine, cotton, dairy & products, lemons, raisins, grape juice & concentrate, table grapes, kiwi, cherries, pistachios, dried plums, others
7	Taiwan	241	Cotton, beef & products, peaches & nectarines, rice, table grapes, almonds, broccoli, plums, hay, lettuce, raisins, wine, cherries, walnuts, oranges & products, celery, dairy & products, onions, cauliflower, others
8	India	203	Almonds, cotton, table grapes, others
9	Australia	99	Walnuts, table grapes, oranges & products, almonds, wine, pistachios, lemons, dried plums, dates, tangeries & mandarins, grapefruit, onions, processed tomatoes, rice, garlic, strawberries, others
10	United Arab Emirates	94	Almonds, table grapes, walnuts, others
11	Malaysia	82	Table grapes, oranges & products, almonds, dried plums, raisins, processed tomatoes, cotton, others
12	Indonesia	80	Cotton, dairy & products, table grapes, almonds, onions, others
13	Philippines	69	Dairy & products, table grapes, wine, processed tomatoes, raisins, oranges & products, others
14	Thailand	63	Cotton, table grapes, almonds, peaches & nectarines, pears, beef & products, others
15	Singapore	57	Oranges & products, table grapes, dairy & products, almonds, wine, raisins, lettuce, rice, celery, others

a/ Reflects the principal commodities; the dollar values do not include all exports to these markets.

Source: University of California, Agricultural Issues Center (AIC), (530) 752-2320, http://aic.ucdavis.edu/

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE G-17

LIVESTOCK AND POULTRY INVENTORIES,
AS OF JANUARY 1, 2002 TO 2007, CALIFORNIA
(In thousands of head)

Item	2002	2003	2004	2005	2006	2007 p/
Beef cows and heifers that have calved	760	740	720	720	680	700
Cattle and calves	5,200	5,250	5,200	5,400	5,450	5,500
All chickens	28,218	25,981	23,676	23,640	22,940	23,214
Ewes one year old and over	290	290	275	275	270	280
All layers a/	23,266	20,937	19,419	19,582	19,672	19,581
Hogs and pigs b/	110	150	140	145	145	155
Milk cows and heifers that have calved	1,620	1,670	1,700	1,740	1,770	1,790
All sheep and lambs	755	730	680	670	650	610

a/ Including poults of laying age
b/ Dec. 1 previous year
p/ Preliminary

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TABLE G-18

AVERAGE ANNUAL PRICES RECEIVED
BY FARMERS FOR LIVESTOCK, POULTRY,
AND RELATED PRODUCTS
CALIFORNIA, 2000 TO 2007

Item	Unit	2000	2001	2002	2003	2004	2005	2006	2007
Beef cattle	cwt.	$50.00	$53.90	$50.80	$62.00	$68.70	$70.40	$67.30	$71.40
Calves	cwt.	93.00	94.10	85.40	96.60	111.00	121.00	118.00	109.00
Eggs	dozen	0.45	0.47	0.39	0.62	0.64	0.43	0.52	0.79
Hogs	cwt.	44.10	44.90	34.20	35.70	49.50	50.70	47.90	48.90
Lambs	cwt.	79.10	67.30	69.40	88.00	90.40	98.90	84.00	90.50
Milk	cwt.	11.50	13.94	10.94	11.38	14.73	13.92	11.58	18.03
Sheep	cwt.	31.50	30.20	27.10	31.30	32.20	41.00	31.40	29.60
Turkeys	cwt.	48.00	47.00	36.00	36.00	41.00	43.00	46.00	44.00
Wool	pound	0.29	0.35	0.45	0.79	0.82	0.70	---	---

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TABLE G-19

CASH FARM RECEIPTS FROM LIVESTOCK,
POULTRY AND RELATED PRODUCTS
CALIFORNIA, 1998 TO 2007
(In thousands)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 p/
Cattle and calves	$1,048,300	$1,223,123	$1,218,220	$1,354,452	$1,228,722	$1,555,908	$1,633,740	$1,744,403	$1,676,354	$1,784,101
Sheep and lambs	49,989	56,953	62,005	52,143	51,968	68,861	57,612	56,135	46,788	42,610
Hogs and pigs a/	27,133	29,054	35,563	26,853	21,646	27,605	39,855	35,736	30,906	31,549
Wool and Mohair	1,271	1,271	1,160	1,313	1,620	2,765	2,822	2,519	2,630	2,810
Turkeys a/ b/	181,507	192,938	210,816	211,815	158,026	150,718	169,937	170,216	196,963	195,712
Chickens, All a/ b/	507,563	515,268	471,081	532,457	452,359	537,029	714,602	714,788	584,650	713,200
Chicken eggs a/ b/	308,924	263,690	237,561	235,921	204,232	282,458	287,392	181,655	212,889	323,708
Dairy products c/	4,138,857	4,088,935	3,704,035	4,625,431	3,832,501	4,027,837	5,365,992	5,223,062	4,492,229	7,328,474
Honey	23,157	16,665	18,172	19,061	31,020	44,702	17,726	25,200	19,562	14,144
Other livestock and poultry	168,639	266,791	280,346	283,000	275,154	289,017	256,151	258,531	271,409	284,315
Aquaculture	11,907	12,730	13,738	14,385	12,966	12,413	12,612	13,385	12,891	14,291
Horses & mules	60,000	--	--	--	--	--	--	--	--	--
Total	$6,527,247	$6,667,418	$6,252,697	$7,356,831	$6,270,214	$6,999,313	$8,558,441	$8,425,630	$7,547,271	$10,734,914

a/ Marketing year ending December 1.
b/ Cash receipts include value of home consumption.
c/ Milk and cream cash receipts. Does not include value of home consumption.
p/ Preliminary

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TABLE G-20

PRODUCTION OF CALIFORNIA LIVESTOCK, POULTRY AND RELATED PRODUCTS, 1999 TO 2007

	Unit	1999	2000	2001	2002	2003	2004	2005	2006	2007
Cattle and calves										
Calf crop	Head	1,950,000	1,923,165	1,990,000	2,040,000	2,050,000	2,070,000	2,070,000	2,080,000	2,010,000
Cattle & calves shipped into Calif.	Head	700,000	700,000	750,000	700,000	670,000	750,000	700,000	710,000	700,000
Cattle and calves slaughtered a/	Head	1,251,937	1,288,985	1,347,702	1,667,314	1,758,897	1,731,445	1,813,221	2,016,239	2,053,941
Chickens and eggs										
Chickens sold	Head	13,807,000	13,232,000	10,690,000	9,761,000	n.a.	n.a.	n.a.	n.a.	n.a.
Broilers and fryers produced	Head	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Inventory of layers, average	Head	25,526,000	24,303,000	23,437,000	24,147,000	20,937,000	20,222,000	19,336,000	19,313,000	19,234,000
Egg production (000)	Eggs	6,606,000	6,293,000	5,998,000	6,257,000	5,439,000	5,352,000	5,082,000	4,962,000	4,938,000
Egg production, average per layer	Eggs	259	262	256	259	260	265	263	257	257
Hogs and pigs, total	Head	391,000	374,000	278,000	290,000	321,000	352,000	306,000	330,000	335,000
Hogs and pigs slaughtered	Head	2,350,000	2,278,000	2,367,000	2,429,050	2,432,000	2,519,700	2,580,200	2,582,000	2,650,700
Milk										
Inventory of milk cows average	Head	1,466,000	1,526,000	1,589,000	1,669,772	1,688,000	1,725,000	1,755,000	1,780,000	1,813,000
Milk production (000)	Pounds	30,459,000	32,273,000	33,217,000	35,065,000	35,437,000	36,465,000	37,564,000	38,830,000	40,683,000
Milkfat production (000)	Pounds	1,115,000	1,187,600	1,225,700	1,294,000	1,300,500	1,338,300	1,378,600	1,428,900	1,497,100
Milk production average per cow	Pounds	20,777	21,149	20,904	21,277	20,993	21,139	21,404	21,815	22,440
Sheep and lambs										
Lambs crop	Head	290,000	310,000	290,000	280,000	260,000	260,000	250,000	250,000	240,000
Turkeys										
Turkeys, raised	Head	17,500,000	18,000,000	18,700,000	17,700,000	17,300,000	15,700,000	14,500,000	15,800,000	16,000,000
Turkeys, produced	Pounds	428,750,000	439,200,000	450,670,000	438,960,000	418,660,000	414,480,000	395,850,000	428,180,000	444,800,000
Wool										
Wool production	Pounds	3,630,000	4,000,000	3,750,000	3,600,000	3,500,000	3,400,000	3,500,000	3,500,000	3,100,000
Sheep shorn	Head	480,000	530,000	510,000	510,000	500,000	480,000	500,000	490,000	460,000

a/ Does not include farm slaughter.
n.a. Not available

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TABLE G-21

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, CALIFORNIA, 2007

Crop	Harvested acreage	Average yield (cwt.)	Production (1,000 cwt.)	Price per cwt. a/	Total value ($1,000)
Artichokes	8,200	110.00	902	$54.70	$49,339
Asparagus	20,000	29.00	580	121.00	70,180
Beans, snap	6,800	105.00	714	67.70	48,338
Broccoli	126,000	150.00	18,900	35.40	669,405
Cabbage, fresh market	14,700	395.00	5,807	14.80	85,944
Carrots, all	72,900	309.00	22,554	21.94	494,916
Cauliflower	33,500	180.00	6,030	32.90	198,300
Celery	26,500	730.00	19,345	20.70	401,206
Corn, fresh market sweet	25,600	180.00	4,608	23.40	107,827
Cucumbers, fresh market	5,000	185.00	925	22.20	20,535
Garlic	24,700	170.00	4,200	48.40	203,260
Lettuce, Head	135,000	355.00	47,925	22.30	1,068,728
Lettuce, Leaf	86,000	230.00	19,780	28.80	569,664
Lettuce, Romaine	69,000	330.00	22,770	23.70	539,649
Lettuce, all	290,000	312.00	90,475	24.10	2,178,041
Melons, Cantaloupe	46,100	255.00	11,756	12.70	149,301
Melons, Honeydew	16,000	210.00	3,360	16.70	56,112
Melons, Watermelon	13,400	510.00	6,834	11.30	77,224
Mushrooms, agaricus	518	2,275.00	1,179	159.00	187,473
Onions, spring	7,400	450.00	3,330	12.00	36,630
Onions, summer storage	30,500	425.00	12,975	9.00	114,926
Onions, summer non-storage	9,300	565.00	5,255	11.50	60,433
Onions, processed	---	---	8,655	8.30	71,837
Onions, all	47,200	457.00	21,560	9.82	283,826
Peppers, Bell	21,000	335.00	7,035	25.40	178,618
Peppers, Chili	5,800	310.00	1,798	34.40	61,884
Pumpkins	5,300	240.00	1,272	10.50	13,356
Spinach, fresh market	33,000	160.00	5,280	32.00	168,960
Spinach, processed	8,500	140.00	1,190	5.90	7,021
Spinach, all	41,500	156.00	6,470	27.20	175,981
Squash	7,000	210.00	1,470	25.10	36,902
Tomatoes, fresh market	41,000	300.00	12,300	31.90	392,370
Tomatoes, processing b/	296,000	40.82	12,082	70.30	849,365

a/ For processing crops and the processed segment of the dual utilization crops, price is based on equivalent returns at the processing plant door. For fresh market crop, price is at the point of first sale.
b/ Average yield, production, and price are measured in tons.
B-Processed figures included in summer storage
Department of Food and Agriculture
California Agricultural Statistics Service
(916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-22

BERRY CROPS
ACREAGE, PRODUCTION AND VALUE, CALIFORNIA 1999 TO 2007

	Year	Harvested acres	Average yield per acre (cwt.)	Total produc-tion (000 cwt.)	Price per cwt. ($) a/	Total value ($000)
Blueberries b/	2005	2,000	46	91	$446.00	$40,583
	2006	2,300	44	100	232.00	23,156
	2007	2,700	61	165	183.00	30,215
Bushberries Boysenberries	1999	300	93	28	$82.40	$2,308
	2000	260	96	25	82.40	2,061
	2001	230	83	19	81.60	1,550
	2002	210	81	17	81.60	1,388
	2003	200	60	12	89.10	1,069
	2004	300	100	30	120.00	3,600
	2005	310	90	28	133.00	3,724
	2006	320	113	36	107.00	3,868
	2007	320	106	34	71.80	2,428
Bushberries Raspberries	1999	1,800	116	208	$147.00	$30,604
	2000	2,000	113	226	190.00	42,940
	2001	2,300	109	250	166.00	41,500
	2002	2,400	122	292	140.00	40,851
	2003	3,000	205	615	208.00	127,920
	2004	4,100	220	900	209.00	188,100
	2005	4,200	240	1,008	199.00	200,592
	2006	4,300	270	1,161	215.00	249,615
	2007	4,400	225	990	288.00	285,120
Strawberries, All	1999	25,800	595	15,351	$59.70	$916,856
	2000	27,600	570	15,732	50.90	800,334
	2001	26,400	520	13,728	60.20	826,478
	2002	28,500	565	16,097	57.90	931,649
	2003	29,600	645	19,092	61.40	1,172,537
	2004	33,200	590	19,588	53.10	1,040,900
	2005	34,300	600	20,580	54.60	1,122,834
	2006	35,800	590	21,163	56.70	1,199,341
	2007	35,500	605	21,540	62.10	1,338,585
Strawberries, Fresh market	1999	--	--	10,603	$72.50	$768,718
	2000	--	--	11,518	61.40	707,205
	2001	--	--	10,338	70.60	729,863
	2002	--	--	11,779	67.40	793,905
	2003	--	--	14,377	72.80	1,046,646
	2004	--	--	14,830	62.20	922,426
	2005	--	--	15,825	62.60	990,645
	2006	--	--	16,542	65.10	1,076,884
	2007	--	--	17,159	71.50	1,226,869
Strawberries Processing	1999	--	--	4,748	$31.20	$148,138
	2000	--	--	4,214	22.10	93,129
	2001	--	--	3,390	28.50	96,615
	2002	--	--	4,318	31.90	137,744
	2003	--	--	4,715	26.70	125,891
	2004	--	--	4,758	24.90	118,474
	2005	--	--	4,755	27.80	132,189
	2006	--	--	4,621	26.50	122,457
	2007	--	--	4,381	25.50	111,716

a/ The processed price is based on equivalent returns at the processing plant door.
The fresh market price is at the point of first sale.
b/ Estimates began in 2005.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-23

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE BY COMMODITY, CALIFORNIA, 2007

Crop	Acreage harvested (000)	Yield per acre	Production (000)	Unit	Value per unit	Value of production ($1,000)
Barley	40	1.44	57.6	Tons	$185.42	$10,680
Dry edible beans d/	58	2,090.00	1,212.0	Pounds	47.30	57,328
Corn for grain	200	5.04	1,008.0	Tons	157.14	158,400
Corn for silage	445	27.00	12,015.0	Tons	32.85	394,693
Cotton b/	451	3.20	1,443.0	Bales	415.35	599,352
Cottonseed	--	--	546.0	Tons	240.00	131,040
Hay, all c/	1,610	5.85	9,422.0	Tons	153.00	1,434,850
Alfalfa hay	990	7.20	7,128.0	Tons	163.00	1,161,864
All other hay	620	3.70	2,294.0	Tons	119.00	272,986
Oats	20	1.49	29.8	Tons	171.88	5,115
Potatoes (excluding sweet)	42	363.00	15,339.0	Cwt	11.10	169,650
Potatoes (sweet)	13	320.00	4,256.0	Cwt	19.00	80,864
Rice a/	533	82.20	43,822.0	Cwt	13.30	582,833
Sorghum for grain	11	2.52	27.7	Tons	149.00	4,130
Sorghum for silage	23	17.00	391.0	Tons	34.61	13,533
Sugar beets e/	39	37.50	1,466.0	Tons	--	--
Wheat	315	2.51	789.8	Tons	196.67	156,139

a/ Does not include allowances or adjustments for commodities under government loan at the end of the marketing year, commodities forfeited to the Commodity Credit Corporation, crop deficiency payments or disaster payments.
b/ Cotton bales are 480 lbs. net-weight, hundredweight basis.
c/ Estimated marketings of alfalfa and other hay are used as weights to calculate all hay price.
d/ Excludes beans grown for garden seed.
e/ Relates to year of intended harvest except for overwintered spring planted beets.

Department of Food and Agriculture
California Agricultural Statistics Service, (916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-24

TREE FRUIT CROPS: ACREAGE, PRODUCTION, PRICE, AND VALUE
CALIFORNIA, 2007

Crop	Bearing acres (000)	Production: Total (tons)	Production: Per bearing acre: (tons)	Value of utilized production: Price per ton ($) a/	Value of utilized production: Total value ($1,000)
Apples	20.5	172,500	8.40	$526	$90,769
Apricots	13.8	81,000	5.87	431	34,878
Avocados	65.0	132,000	2.03	1,900	250,800
Cherries, sweet	30.0	85,000	2.83	1,900	155,016
Dates	5.9	16,300	2.76	2,290	37,327
Figs	10.2	51,600	5.06	483	24,921
Grapes, all	789.0	6,211,000	7.87	496	3,077,769
Raisin type	227.0	2,133,000	9.40	282	600,440
Table type	82.0	791,000	9.65	787	622,774
Wine type	480.0	3,287,000	6.85	564	1,854,555
Kiwi fruit	4.0	24,500	6.13	950	22,517
Nectarines	35.5	269,000	7.58	331	89,039
Olives c/	31.0	132,500	4.27	654	86,694
Peaches, all b/	62.5	949,000	15.20	350	331,840
Clingstone c/	26.5	503,000	19.00	304	152,665
Freestone	36.0	446,000	12.40	402	179,175
Pears, all	16.0	243,000	15.20	340	82,691
Bartlett	12.0	201,000	16.80	289	58,098
Others	4.0	42,000	10.50	586	24,593
Plums	37.0	152,000	4.11	665	101,077
Prunes, dried basis	65.0	83,000	1.28	1,450	117,450

a/ Return at processing plant door or packinghouse door.
b/ All peach price is weighted average of Freestone price and Clingstone grower return by utilized production.
c/ The price is the grower return and is used to calculate value using utilized production.

TABLE G-25

TREE NUT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE
CALIFORNIA, 2007

Crop	Bearing acres	Production: Total units (000)	Production: Unit	Production: Per bearing acre	Value of utilized production: Grower return	Value of utilized production: Total value ($1,000)
					Cents per pound	
Almonds, shelled a/	615,000	1,390,000	Pounds	2,260	1.55	$2,127,375
Pecans, in-shell	3,100	4,400	Pounds	1,420	1.78	7,832
Pistachios, in-shell	114,000	416,000	Pounds	3,650	1.35	561,600
					Dollars per ton	
Walnuts, in-shell	218,000	325	Tons	1.49	$2,320	754,000

a/ Price and value are based on the edible portion of the crop only.

TABLE G-26

CITRUS FRUIT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE
CALIFORNIA, 2006-07

Crop	Bearing acres	Production a/ Total (1,000 boxes)	Production a/ Per bearing acre (boxes)	Value of production b/ Grower return per box	Value of production b/ Total value ($1,000)
Grapefruit	11,500	5,500	478	$12.23	$67,278
Lemons	45,000	18,500	411	21.31	394,280
Oranges, all	179,000	46,000	257	11.27	518,496
Navel and miscellaneous	136,000	34,500	254	11.35	391,565
Valencia	43,000	11,500	267	11.04	126,931
Tangerines c/	16,000	3,500	219	22.04	77,152

a/ Net weight per box: Grapefruit - 33.5 pounds; Lemons - 38 pounds; Oranges - 37.5 pounds; Tangerines - 37.5 pounds.
b/ Price and value for citrus fruits are based on equivalent packinghouse door returns.
c/ Including mandarins and mandarin hybrids, tangelos and tangors.

Source agency for Tables G-24, G-25, and G-26:
Department of Food and Agriculture
California Agricultural Statistics Service
(916) 498-5161
http://www.cdfa.ca.gov/

TABLE G-27

CALIFORNIA TIMBER PRODUCTION,
1998 TO 2007
(In thousands of board feet)

County	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	2,090,715	2,144,151	1,965,657	1,603,378	1,690,199	1,663,014	1,705,900	1,725,024	1,631,200	1,626,118
Alpine	312	110	--	--	363	--	--	20	51	-
Amador	32,680	28,867	28,423	17,079	28,310	21,224	6,962	87,852	27,274	18,297
Butte	97,495	90,918	85,791	92,562	63,421	47,087	52,479	29,936	62,797	65,964
Calaveras	53,691	66,963	49,070	34,964	48,493	50,722	50,203	15,677	33,523	27,138
Colusa-Sutter	150	133	--	--	--	1,892	--	-	-	-
Contra Costa	--	--	--	--	--	--	127	-	-	-
Del Norte	47,164	51,088	46,133	22,691	23,906	23,829	28,544	22,557	16,809	11,948
El Dorado	99,514	126,065	107,498	96,830	104,435	87,620	100,798	90,019	99,508	91,055
Fresno	21,010	31,683	16,301	12,215	12,745	10,458	8,212	11,525	10,345	13,142
Glenn	28,800	29,728	16,522	962	3,080	47	814	3,112	-	2,086
Humboldt	450,629	386,496	388,886	358,225	374,041	383,675	396,500	390,333	336,743	296,840
Kern	2,632	3,763	5,253	--	521	--	--	1,592	1,016	2,584
Lake	16,454	5,017	6,146	2,932	61	625	486	100	928	3,684
Lassen	56,239	63,800	60,566	54,683	85,106	63,089	91,660	67,910	60,307	29,139
Madera	8,982	8,228	3,196	6,672	5,905	3,189	2,500	3,038	2,361	7,074
Mariposa	4,246	3,529	2,746	4,133	3,187	2,433	2,787	5,796	4,798	5,264
Mendocino	225,878	227,515	156,101	117,596	97,722	112,568	109,548	120,841	110,168	103,031
Modoc	18,752	23,247	41,628	27,166	29,109	19,386	34,128	43,087	24,991	35,110
Mono	4,836	--	--	--	153	34	--	-	-	9
Napa	860	1,318	649	490	441	373	97	1,130	82	126
Nevada	60,854	45,007	47,250	39,884	50,000	38,585	33,363	36,391	27,824	30,473
Placer	65,320	41,997	32,452	56,891	49,927	35,075	39,334	46,025	49,281	35,247
Plumas	109,038	176,830	154,225	99,241	79,802	97,866	123,678	107,817	118,936	136,521
Riverside	--	--	--	--	218	758	--	-	-	-
San Bernardino-Los Angeles	100	--	--	1,397	--	1,901	1,391	1,059	-	-
San Diego	--	--	--	--	194	4,860	--	-	-	-
San Mateo	3,561	4,675	4,505	4,151	2,878	5,441	3,799	5,721	5,731	5,806
Santa Clara	848	3,430	3,954	3,432	599	112	67	2,705	1,983	558
Santa Cruz	22,366	16,162	18,414	7,230	9,136	9,614	11,089	9,674	9,600	9,414
Shasta	148,935	155,660	144,640	144,513	152,104	122,351	135,723	170,690	189,501	191,618
Sierra	21,757	34,766	40,848	24,533	33,342	35,193	27,225	27,120	22,041	50,105
Siskiyou	189,237	198,817	193,408	134,829	187,215	230,871	239,349	207,726	198,832	246,141
Sonoma	20,509	30,918	24,157	9,559	9,671	15,698	14,136	8,953	11,196	10,646
Tehama	83,428	98,816	100,887	63,783	65,220	74,207	28,612	65,095	51,179	46,531
Trinity	109,905	97,508	72,735	83,590	81,086	90,921	94,885	81,607	84,998	81,988
Tulare	8,362	7,894	5,445	4,844	7,255	9,802	16,339	10,703	5,849	1,743
Tuolumne	53,455	47,501	61,061	52,452	63,190	38,001	23,570	37,379	48,392	50,558
Yuba	22,716	35,702	46,767	23,849	17,363	23,507	27,495	11,834	14,156	16,278

State Board of Equalization
Research and Statistics Section
(916) 445-0840
http://www.boe.ca.gov/

TABLE G-28

NET VOLUME OF SAWTIMBER
ON TIMBERLAND a/
IN CALIFORNIA, 2002 b/

Species	Volume (million board feet) Scribner rule
Total--all species	257,969
Total Softwoods	243,323
White fir	45,016
Grand fir	653
Red fir	17,537
Port-Orford cedar	251
Incense cedar	11,233
Sitka spruce	190
Knobcone pine	178
Sugar pine	16,393
Bishop pine	290
Jeffrey pine	13,526
Ponderosa pine	32,477
Western white pine	1,354
Monterey pine	291
Douglas-fir	73,765
Redwood	24,801
Western hemlock	135
Lodgepole pine	3,605
Mountain hemlock	878
Coulter pine	165
Giant sequoia	256
Other softwoods	328
Total Hardwoods	14,646
Bigleaf maple	238
Red alder	508
Pacific madrone	2,659
Eucalyptus	113
Tanoak	5,237
Coast live oak	283
Canyon live oak	1,237
Oregon white oak	257
California black oak	3,026
Interior live oak	91
California laurel	558
White alder	135
Other hardwoods	304

a/ Forest land capable of growing 20 cubic feet or more per acre per year of industrial wood and not in a reserved status through removal of the area from timber utilization by statute, ordinance, or administrative order; and not in a withdrawn status where it is pending consideration for reserved status.
b/ Based on 1991-1994 field survey which is conducted in ten-year cycles.

Source: USDA, Forest Service
Pacific Northwest Research Station
Portland, Oregon

Department of Forestry and Fire Protection
Fire and Resource Assessment Program
(916) 227-2653
http://www.fire.ca.gov/

TABLE G-29

AREA OF TIMBERLAND AND OWNERSHIPS IN CALIFORNIA, 2002 a/
(In thousands of acres)

County	National forest	Other public	Forest industry	Private farmer b/	Other private	Total private	Total, all ownerships	Timber production zone c/
Total	8,784	429	4,198	951	2,288	7,438	16,649	5,360
Alameda	0	0	0	0	0	0	0	--
Alpine	65	3	0	9	8	17	85	1
Amador	43	0	27	13	21	61	104	28
Butte	117	8	153	28	48	229	354	162
Calaveras	64	4	53	36	47	136	204	80
Colusa	21	0	0	1	1	2	23	0
Contra Costa	0	0	0	0	0	0	0	0
Del Norte	157	0	135	5	23	163	320	122
El Dorado	377	8	120	3	128	251	636	149
Fresno and Madera	512	0	0	36	24	60	572	2
Glenn	76	0	18	5	2	25	101	22
Humbolt	262	15	608	290	312	1,210	1,487	994
Imperial	0	0	0	0	0	0	0	0
Inyo	12	15	0	0	0	0	27	0
Kern	131	0	0	9	9	18	148	0
Kings and Tulare	348	21	0	11	12	23	391	0
Lake	101	14	6	3	56	65	180	18
Lassen	445	7	281	28	35	344	796	310
Los Angeles	79	0	0	0	0	0	79	0
Marin	0	0	0	6	13	19	19	0
Mariposa	121	0	0	15	16	31	152	9
Mendocino	116	111	591	99	386	1,076	1,303	854
Merced	0	0	0	0	0	0	0	0
Modoc	427	0	195	35	11	241	668	197
Mono	172	7	0	1	3	4	183	0
Monterey	22	0	0	2	2	4	26	0
Napa	0	0	0	6	16	22	22	0
Nevada	134	21	36	3	160	199	354	62
Orange	1	0	0	0	0	0	1	0
Placer	244	15	69	6	87	162	421	113
Plumas	918	1	216	0	100	316	1,235	226
Riverside	28	0	0	1	6	7	35	0
Sacramento	0	0	0	0	0	0	0	0
San Benito	0	6	0	4	1	5	11	0
San Bernardino	161	0	0	3	15	18	179	0
San Diego	24	0	0	3	20	23	47	0
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	0	0	0	0	0	0	0	0
San Luis Obispo	0	0	0	0	0	0	0	0
San Mateo	0	0	0	7	47	55	55	29
Santa Barbara	1	0	0	0	0	0	1	0
Santa Clara	0	0	0	2	6	8	8	2
Santa Cruz	0	1	22	30	103	155	156	70
Shasta	466	63	527	39	136	702	1,231	612
Sierra	338	1	63	3	45	111	450	81
Siskiyou	1,532	28	503	65	60	628	2,188	520
Solano	0	0	0	0	0	0	0	0
Sonoma	0	14	68	57	164	289	303	78
Stanislaus	0	0	0	0	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	194	11	196	6	3	205	410	244
Trinity	649	52	211	53	97	361	1,062	261
Tuolumne	359	3	66	16	35	117	479	84
Ventura	31	0	0	0	0	0	31	0
Yolo	0	0	0	0	0	0	0	0
Yuba	36	0	34	12	30	76	112	31

a/ Based on 1991-1994 field survey which is conducted in ten-year cycles, except timberland production zone.
b/ Timberland owned by the operators of farms.
c/ A zoning classification applied to private timberland by local government under the California Forest Taxation Reform Act of 1976.
TPZ land is taxed on a use-valuation basis with its usage limited to growing and harvesting timber and compatible uses.
The basic period for rezoning is a self-perpetuating 10-years.

Sources:
USDA, Forest Service
Pacific Northwest Research Station
Portland, Oregon

County Assessor's Offices, California

California Board of Equalization

Department of Forestry and Fir
Fire and Resource Assessmen
(916) 227-2653
http://www.fire.ca.gov/

TABLE G-30

AREA OF NATIONAL FORESTS MANAGED BY USDA FOREST SERVICE IN CALIFORNIA, 2002
(In thousands of acres)

National forest	Total land area	Forest-land	Timber-land
Total	20,158	16,838	9,045
Angeles	662	601	75
Cleveland	420	390	24
El Dorado	600	531	436
Inyo	2,044	861	168
Klamath	1,688	1,618	1,114
Lassen	1,151	1,036	861
Los Padres	1,774	1,579	77
Mendocino	890	867	430
Modoc	1,678	926	602
Plumas	1,204	1,103	1,019
San Bernardino	665	627	151
Sequoia	1,109	977	297
Shasta - Trinity	2,112	2,009	1,394
Sierra	1,321	1,117	528
Six Rivers	965	951	607
Stanislaus	899	755	480
Tahoe	822	754	670
Tahoe Basin Management Unit	149	135	111

Source: USDA, Forest Service
Region 5, Remote Sensing Laboratory
Sacramento, California

Department of Forestry and Fire Protection
Fire and Resource Assessment Program
(916) 227-2653
http://www.fire.ca.gov/

TABLE G-31

SELECTED STATISTICS ON MINERAL INDUSTRIES, CALIFORNIA, 1992
(Dollar amounts in thousands)

SIC-based Industries	Amount
Number of establishments	
Total	1,232
Metal mining	76
Coal mining	10
Oil and gas extraction	805
Nonmetallic minerals, except fuels	341
Employees	
Total	34,500
Metal mining	2,500
Coal mining	a/
Oil and gas extraction	24,600
Nonmetallic minerals, except fuels	b/
Value of Shipments	
Total	7,545,200
Metal mining	394,100
Coal mining	n.a.
Oil and gas extraction	5,853,800
Nonmetallic minerals, except fuels	n.a.
Payroll	
Total	1,416,200
Metal mining	93,100
Coal mining	n.a.
Oil and gas extraction	1,030,700
Nonmetallic minerals, except fuels	n.a.

a/ Withheld to avoid disclosing data for individual companies. Employment size range: 250 to 499 employees.
b/ Withheld to avoid disclosing data for individual companies. Employment size range: 5000 to 9999 employees.
n.a. Not available.
Note: The 2002 Economic Census is now available and presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Bureau of the Census,
1992 Census of Mineral Industries
http://www.census.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE G-32

PRODUCING WELLS AND PRODUCTION OF OIL, GAS, AND WATER BY COUNTY, CALIFORNIA, 2007*

County	Number of wells: Oil: Production	Number of wells: Oil: Shut-in	Number of wells: Gas: Production	Number of wells: Gas: Shut-in	Oil production (bbl)	Net gas production (mcf): Associated (from oil zones)	Net gas production (mcf): Nonassociated (from gas zones)	Net gas production (mcf): Total	Water production (bbl)
Total	50,440	21,614	1,532	809	218,487,802	185,984,159	91,111,984	277,096,143	2,448,519,519
Value ($ millions)					2,622			3,325	
Alameda	6	1	0	0	13,172	0	0	0	49,824
Butte	0	0	8	3	0	0	77,549	77,549	2,894
Colusa	0	0	219	78	0	0	10,697,390	10,697,390	115,637
Contra Costa	0	0	23	20	0 a/	0	2,056,331	2,056,331	20,231
Fresno	1,942	1,379	8	1	6,158,924	924,866	300,098	1,224,964	82,438,845
Glenn	0	0	206	50	0 b/	0	9,440,252	9,440,252	77,468
Humboldt	0	2	37	13	0	0	1,121,025	1,121,025	11,947
Kern	40,554	14,484	180	134	166,087,626 c/	159,381,091	5,555,236	164,936,327	1,356,873,957
Kings	179	146	1	0	123,525	259,594	141,572	401,166	324,251
Lassen	0	0	0	6	0	0	0	0	0
Los Angeles	3,400	1,426	11	18	26,396,315 d/	11,930,478	333,712	12,264,190	718,381,591
Madera	0	0	14	24	0	0	2,119,386	2,119,386	4,161
Merced	0	0	1	2	0	0	216,189	216,189	5,304
Monterey	423	749	0	0	3,555,644	391,625	0	391,625	82,289,131
Orange	1,106	578	0	0	4,927,954	2,321,513	0	2,321,513	71,579,635
Riverside	0	2	0	1	0	0	0	0	0
Sacramento	0	0	141	73	0 e/	0	19,567,403	19,567,403	409,122
San Benito	20	17	2	3	7,346	1,469	39,080	40,549	225,995
San Bernardino	10	28	0	0	3,772	58	0	58	1,173
San Joaquin	0	0	67	92	0	0	7,701,436	7,701,436	218,565
San Luis Obispo	172	149	0	0	608,852	19,142	0	19,142	8,097,565
San Mateo	14	10	0	0	2,906	0	0	0	13,316
Santa Barbara	811	1,290	1	3	3,178,000 f/	3,137,915	1,256	3,139,171	73,077,563
Santa Clara	10	3	0	0	24,057	5,382	0	5,382	17,816
Solano	0	0	177	106	0 g/	0	13,275,141	13,275,141	352,059
Sonoma	0	0	0	0	0	0	0	0	0
Stanislaus	0	0	2	1	0	0	387,142	387,142	6,327
Sutter	0	0	251	87	0 h/	0	11,420,219	11,420,219	83,878
Tehama	0	0	129	31	0	0	4,127,894	4,127,894	61,889
Tulare	70	6	0	15	45,478	0	0	0	2,662,152
Ventura	1,723	1,344	0	7	7,354,231	7,611,026	0	7,611,026	50,962,968
Yolo	0	0	54	40	0 i/	0	2,533,673	2,533,673	154,255
Yuba	0	0	0	1	0	0	0	0	0

* Does not include federal OCS figures.

a/ Produced 2,568 barrels of condensate from gas fields or zones.

b/ Produced 17 barrels of condensate from gas fields or zones.

c/ Produced 29,587 barrels of condensate from gas fields or zones.

d/ Produced 726 barrels of condensate from gas fields or zones.

e/ Produced 23,574 barrels of condensate from gas fields or zones.

f/ Produced 3,963 barrels of condensate from gas fields or zones.

g/ Produced 17,361 barrels of condensate from gas fields or zones

h/ Produced 1 barrel of condensate from gas fields or zones

i/ Produced 187 barrel of condensate from gas fields or zones

Department of Conservation

Division of Oil, Gas and Geothermal Resources, (916) 323-1779; http://www.consrv.ca.gov/

TABLE G-33

CALIFORNIA MINERAL PRODUCTION, 2004 TO 2007 a/

Nonfuel minerals	Unit	2004 Quantity	2004 Value ($1,000)	2005 Quantity	2005 Value ($1,000)	2006 Quantity	2006 Value ($1,000)	2007 p/ Quantity	2007 p/ Value ($1,000)
Asbestos	short tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Boron minerals	short tons	702,300	$626,400	674,700	$713,000	w	w	w	$4,600,000 e/
Cement:									
Masonry	short tons	w	w	765,100 e/	$80,600 e/	769,500 e/	$89,500 e/	566,000 e/	$65,800 e/
Portland	short tons	13,150,600 e/	$1,040,000 e/	12,749,300 e/	$1,130,000 e/	12,017,300 e/	$1,190,000 e/	12,017,300 e/	$1,180,000 e/
Clays									
Bentonite	short tons	26,500	$2,600	22,000	$2,200	26,500	$2,500	26,500	$2,500
Common	short tons	1,359,400	$20,700	1,114,600	$16,600	820,100	$7,600	793,800	$7,500
Diatomite	short tons	261,000	$84,100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Fullers earth	short tons	217,200	w	208,400	w	w	w	w	w
Gemstones	---	n.a.	$1,100	n.a.	$1,100	n.a.	$1,000	n.a.	$1,000
Gold b/	troy ounces	95,700 c/	$39,200 c/	465,300 c/	$429,000 c/	421,600 c/	$413,100 c/	419,400 c/	$413,000 c/
Gypsum d/	short tons	w	w	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sand and gravel:									
Construction	short tons	182,825,400	$1,283,000	179,956,700	$1,442,900	168,571,100	$1,522,900	143,285,300	$1,372,100
Industrial	short tons	2,190,700	$55,700	2,239,200	$60,400	1,843,400	$57,800	1,821,300	$53,800
Silver b/	troy ounces	14,100 c/	$90 c/	45,050 c/	$440 c/	w	w	w	w
Stone:									
Crushed	short tons	61,048,700	$365,500	59,862,400	$454,700	60,544,900	$644,300	47,675,400	$558,100
Dimension	short tons	46,300	$10,200	45,200	$10,200	44,400	$10,000	46,600	$11,300
Values for boron (2006), diatomite, feldspar, gypsum (calcined), iron ore (usable shipped), clay (fire, fullers earth, and kaolin), lime, magnesium compounds, perlite (crude), pumice and pumicite, salt, silver, soda ash, sodium sulfate, and zeolites are combined to avoid disclosing company proprietary data			$363,500	z	$331,400	z	$1,090,100	z	$433,000
Total		z	$3,808,800	z	$4,272,100	z	$4,628,800	z	$4,300,000

a/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
b/ Recoverable content of ores, etc.
c/ Data from the California Department of Conservation, California Geological Survey
d/ Includes calcined, byproduct, & crude gypsum.
e/ Estimate
f/ Data from the California Department of Conservation, Office of Mine Reclamation
p/ Preliminary
w Withheld to avoid disclosing company proprietary data; value included with "combined value" data.
n.a. Not available
z Not applicable.

Source: U.S. Geological Survey

Department of Conservation
Division of Mines and Geology
(916) 322-2719
http://www.consrv.ca.gov/

TABLE G-34

POUNDAGE AND VALUE OF LANDINGS OF COMMERCIAL FISH INTO CALIFORNIA, 2007 p/

Species	Landings (In pounds)	Value	Species	Landings (In pounds)	Value
Fishes:			Fishes (Cont.):		
Anchovy	22,901,516	$1,147,089	Whitefish, ocean	4,020	13,172
Barracuda, California	89,481	60,810	Whiting, Pacific	6,543,217	383,730
Bass, giant sea	7,952	18,644	Wrasse, rock	10	100
Blacksmith	16	240	Yellowtail	24,220	36,957
Bonito, Pacific	488,454	158,886	Unspecified	2,844	749
Butterfish, Pacific pompano	12,642	33,351			
Cabezon	56,063	326,329	Crustaceans:		
Carp	7,276	15,049	Crab	12,425,135	28,701,500
Corvina, shortfin	61	153	Crayfish	166,861	230,338
Croaker	67,172	46,220	Lobster, California spiny	662,389	7,334,850
Dolphinfish	4,172	9,091	Prawn	546,741	3,415,665
Eel	2,257	6,291	Shrimp	1,470,023	633,477
Escolar	975	1,817	Unspecified	165	259
Flounder	161,960	32,999			
Goby, yellow fin	1,121	2,182	Echinoderms:		
Greenling, kelp	3,295	20,640	Bryozoan	35	95
Grenadier	232,699	41,351	Cucumber, sea	490,773	673,075
Guitarfish, shovelnose	10,358	8,685	Sand dollar	136	443
Hagfishes	1,699,723	1,030,496	Sea stars	7,999	1,279
Halfmoon	81	148	Urchin	11,166,975	5,422,943
Halibut	389,401	1,841,185	Unspecified	44	135
Herring	1,331,209	143,369			
Jacksmelt	20,661	7,830	Mollusks:		
Kelpfishes	2	5	Chiton	2	4
Lingcod	176,146	257,495	Limpet	989	3,284
Lizardfish, California	215	212	Mussel	997	215
Louvar	946	4,602	Octopus	2,803	1,677
Mackerel	12,451,604	926,458	Oyster	5	5
Midshipman, plainfin	439	649	Scallop	230	2
Oilfish	78	60	Sea hare	7,513	64,829
Opah	125,662	107,186	Sea slug	-	4
Opaleye	1,678	7,781	Snail	2,262	1,838
Pomfret, Pacific	177	197	Squid	109,976,362	29,435,788
Queenfish	30	-	Whelk, Kellet's	171,542	146,640
Ratfish, spotted	160	64	Unspecified	606	70
Ray	11,079	5,258			
Rockfish	1,288,826	2,596,504	Plants:		
Sablefish	3,190,436	4,872,493	Algae, marine	61	118
Salmon	1,509,999	7,777,095	Kelp	869	1,668
Sanddab	356,058	169,851			
Sardine, Pacific	178,424,169	8,250,585	Worms:		
Sargo	12	8	Invertebrates, colonial	72	415
Scorpionfish, California	7,831	24,666	Sea pansy	7	155
Sculpin, staghorn	3,147	10,361	Sea spiders	16	16
Seabass, white	460,362	1,153,847	Marine	76	801
Senorita	16	151	Tunicates	3	6
Shad	43,553	49,867			
Shark	450,586	495,700	Total	384,263,251	128,889,885
Sheephead, California	67,878	300,868			
Silversides	84	7	By area:		
Skate	247,481	54,015	Eureka	25,730,940	34,254,944
Smelt	287,739	104,257	Fort Bragg	5,931,833	7,038,218
Sole	8,962,153	4,825,840	Bodega Bay	1,888,367	5,584,324
Stingray	57,481	2,899	San Francisco	5,589,593	9,325,484
Sunfish	51	14	Monterey	97,036,888	8,061,554
Surfperch	18,593	28,708	Morro Bay	910,358	2,659,836
Swordfish	834,675	3,122,144	Santa Barbara	102,386,739	33,952,560
Thornyhead	1,862,543	2,322,099	Los Angeles	142,139,272	21,493,315
Triggerfish	298	1,483	San Diego	1,972,327	6,240,590
Tuna	2,254,773	9,955,225	Sacramento Delta	204,829	271,003
Turbot	960	610	Inland Waters	469,524	7,543
Wahoo	791	1,575	Unknown Ports	2,580	513

p/ Preliminary

Department of Fish and Game, Marine Fisheries Statistical Unit, (562) 342-7135, http://www.dfg.ca.gov/

TABLE G-35

NUMBER OF FISHING AND HUNTING LICENSES, CALIFORNIA
1970-71 TO 2007-08

Fiscal year	License buyers: Angling	Angling stamps	Hunting	Deer and bear tags	Number of licensed pheasant clubs	Number of permits in waterfowl areas
1970-71	2,286,195	3,545,528	696,651	402,477	208	99,962
1971-72	2,182,969	3,325,260	650,364	382,930	214	69,328
1972-73	2,331,191	3,561,995	674,034	418,219	204	99,284
1973-74	2,360,586	3,653,227	667,271	378,730	186	110,823
1974-75	2,290,270	3,409,510	609,072	359,323	173	116,964
1975-76	2,251,081	3,270,994	584,256	353,713	220	106,110
1976-77	2,168,030	3,144,550	565,207	338,469	153	78,068
1977-78	2,383,546	3,603,020	534,454	305,638	156	87,597
1978-79	2,389,844	3,637,061	540,944	296,027	148	81,654
1979-80	2,449,354	3,826,637	534,618	322,326	144	82,809
1980-81	2,464,463	3,850,488	555,232	326,245	144	82,921
1981-82	2,539,946	3,907,456	542,015	335,974	142	71,620
1982-83	2,529,593	4,380,343	531,944	334,412	144	79,859
1983-84	2,434,223	4,223,464	506,000	293,670	145	79,950
1984-85	2,450,992	1,205,746	487,688	264,651	140	75,854
1985-86	2,363,704	1,142,737	456,977	266,220	175	67,325
1986-87	2,218,298	1,096,468	435,522	248,447	133	46,735
1987-88	2,651,790	1,039,102	421,289	246,376	173	48,230
1988-89	2,456,259	1,052,966	398,519	233,448	167	35,218
1989-90	2,447,591	1,030,619	388,838	213,966 a/	168	38,238
1990-91	2,358,551	999,638	368,872	276,163	167	40,148
1991-92	2,278,066	1,164,117	358,259	268,534	171	38,657
1992-93	2,233,531	1,190,888	348,863	267,190	178	36,683
1993-94	2,324,802	1,247,585	365,259	258,251	170	37,287
1994-95	2,374,034	1,105,915	354,650	235,594	159	44,838
1995-96	2,388,440	836,747	344,304	232,148	153	45,247
1996-97	2,280,011	797,939	332,519	224,106	146	44,253
1997-98	2,321,933	840,105	316,323	221,999	137	49,809
1998-99	2,168,373	770,526	310,157	215,649	130	44,711
1999-00	2,242,725	877,450	314,592	218,585	148	42,005
2000-01	2,269,924	1,140,359	318,399	218,037	148	37,539
2001-02	2,219,475	1,131,013	317,853	219,300	142	34,407
2002-03	2,175,406	1,132,726	316,878	219,921	165	31,384
2003-04	2,070,051	1,098,583	314,057	219,149	157	45,235
2004-05	2,016,251	912,548	299,683	212,762	158	44,365
2005-06	1,998,941	875,162	297,822	214,907	155	41,613
2006-07	2,051,685	873,013	301,717	209,645	146	43,322
2007-08	2,087,567	916,544	297,999	212,159	139	42,548

a/ No bear hunt in 1989-90.

Department of Fish and Game
License and Revenue Branch
(916) 928-6884
http://www.dfg.ca.gov/

SECTION H
MANUFACTURING

This section presents data on manufacturing industries summarized from the 2002 Census of Manufactures and the Annual Survey of Manufactures conducted by the US Bureau of the Census. Detailed information for individual industries and local areas are also available in the published reports of the Bureau of the Census.

Data on manufacturing reporting units by county and by number of employees are compiled from reports published by the Employment Development Department.

Information shown on California's defense-aerospace manufacturing sector is obtained from reports of the US Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the California Employment Development Department. Material from these and other sources has been summarized by the California Department of Finance.

TABLE H-1

MANUFACTURING REPORTING UNITS a/ BY SIZE OF EMPLOYMENT
CALIFORNIA, 1990 TO 2006 b/

Number of employees	1990	1991 a/	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	48,474	53,902	52,935	53,497	53,093	56,710	55,766	54,367	57,735	57,152	52,826	53,835	52,341	51,032	49,512	47,174	46,418
0- 4	16,915	20,390	20,666	21,377	20,511	24,336	22,608	20,601	23,611	23,428	18,931	20,720	20,588	20,739	19,858	18,054	17,771
5- 9	8,431	9,329	9,217	9,328	9,149	8,755	8,881	8,924	9,042	8,958	9,034	9,591	9,321	9,001	8,690	8,538	8,504
10- 19	8,031	8,810	8,481	8,298	8,405	8,423	8,507	8,476	8,645	8,566	8,495	8,462	8,156	7,926	7,704	7,539	7,203
20- 49	7,727	8,200	7,842	7,743	8,036	8,033	8,355	8,603	8,589	8,383	8,465	8,029	7,690	7,252	7,162	7,042	6,936
50- 99	3,575	3,567	3,355	3,385	3,517	3,622	3,741	3,874	3,857	3,859	3,833	3,503	3,378	3,165	3,094	3,021	3,025
100-249	2,480	2,411	2,275	2,303	2,399	2,436	2,566	2,675	2,730	2,715	2,776	2,423	2,210	2,042	2,082	2,057	2,049
250-499	788	704	646	632	660	694	689	784	825	821	846	738	676	603	600	588	593
500-999	323	292	282	266	272	276	294	297	292	286	313	254	212	199	216	234	233
1,000 and over	204	199	171	165	144	135	125	133	144	136	133	115	110	105	106	101	104

a/ Implementation in 1991 of the new Business Establishment List (BEL) reporting system caused changes in the size categories from 1990 to 1991. The definition of "multiple establishment employers" has been changed, causing more employment sites to be counted as reporting units, and also increasing the numbers of reporting units in the smaller size categories.
b/ Establishments reporting employment covered by unemployment insurance during the third quarter (July-September) of each year.

Source: California Employment Development Department, Report 524. "California Unemployment Insurance Reporting Units by Size, Industry and County"

TABLE H-2

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED, AND CAPITAL EXPENDITURES, CALIFORNIA 1961 TO 2006

	All employees		Production workers			Value added by	New capital
Year	Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)	manufacture ($ mill.)	expenditures ($ mill.)
1961	1,304.6	$8,203.9	859.7	1,713.4	$4,640.0	$14,305.0	$696.7
1962	1,359.1	8,976.0	886.8	1,791.1	5,010.9	15,868.4	912.2
1963	1,397.6	9,612.2	897.3	1,791.4	5,195.2	17,185.0	985.1
1964	1,383.7	9,904.7	879.7	1,770.2	5,234.5	18,016.9	1,032.4
1965	1,400.6	10,301.3	911.8	1,838.2	5,582.6	18,950.3	1,181.5
1966	1,501.8	11,381.4	984.0	1,981.9	6,266.6	21,331.1	1,471.2
1967	1,583.5	12,514.5	1,044.9	2,089.7	6,877.8	23,393.6	1,529.2
1968	1,610.3	13,378.9	1,061.6	2,112.9	7,377.8	25,348.3	1,536.3
1969	1,631.8	14,151.1	1,075.2	2,199.6	7,701.1	27,016.9	1,720.9
1970	1,553.1	14,056.8	1,003.9	1,981.3	7,556.3	26,358.3	1,567.4
1971	1,447.3	13,799.1	937.2	1,843.5	7,382.3	27,568.2	1,416.9
1972	1,545.1	15,483.1	1,020.0	1,974.9	8,430.4	31,175.2	1,649.0
1973	1,641.2	17,116.2	1,097.2	2,137.6	9,413.9	36,727.6	1,917.2
1974	1,650.8	18,841.3	1,083.7	2,116.4	10,089.4	40,599.3	2,582.8
1975	1,540.5	19,303.2	993.4	1,920.3	10,189.9	40,082.4	2,572.8
1976	1,600.1	21,214.7	1,041.3	2,021.8	11,202.3	46,297.4	2,867.1
1977	1,751.5	24,671.5	1,142.6	2,224.2	13,150.5	54,862.4	3,385.4
1978	1,903.1	28,486.4	1,240.0	2,376.8	15,112.2	62,510.4	4,493.1
1982 a/	2,005.0	42,636.4	1,209.4	2,317.9	20,564.8	94,374.0 b/	8,443.6
1983	1,984.3	44,845.2	1,191.8	2,304.4	21,171.3	97,081.0	6,932.4
1984	2,038.0	48,863.7	1,231.2	2,401.5	23,014.6	108,372.5	8,757.1
1985	2,016.6	51,377.1	1,193.0	2,309.5	23,600.5	111,365.5	9,157.8
1986	1,973.6	52,295.5	1,147.8	2,248.5	23,767.5	112,968.4	8,072.5
1987	2,103.4	57,133.6	1,276.2	2,432.5	25,694.1	132,403.5	8,571.2
1988	2,137.6	61,067.9	1,253.7	2,474.3	26,893.3	143,036.6	8,265.2
1989	2,126.2	63,492.6	1,247.0	2,484.6	27,700.6	147,502.3	9,373.7
1990	2,105.9	64,351.5	1,230.0	2,467.6	27,771.7	149,577.7	9,641.5
1991	1,961.8	62,521.4	1,138.4	2,341.2	26,639.9	144,907.8	8,829.8
1992	1,946.7	65,243.7	1,114.9	2,248.7	26,862.5	156,937.4	9,728.6
1993	1,879.3	64,482.9	1,077.2	2,175.8	25,803.6	161,306.4	9,496.0
1994	1,863.1	64,650.6	1,100.6	2,209.7	26,610.0	166,217.0	10,960.6
1995	1,923.0	68,311.5	1,142.6	2,301.8	27,879.1	179,868.1	12,907.9
1996	1,937.8	71,163.8	1,162.4	2,361.8	29,027.8	188,805.4	14,093.0
1997	1,795.0	65,346.8	1,173.1	2,296.3	30,928.0	196,182.9	16,362.4
1998	1,826.0	68,108.9	1,201.1	2,385.7	32,749.2	209,316.4	15,994.2
1999	1,819.3	69,723.6	1,188.4	2,349.1	33,219.2	226,107.5	15,958.8
2000	1,839.9	72,238.3	1,207.9	2,374.7	34,252.6	231,265.5	17,000.5
2001	1,792.2	72,189.4	1,147.6	2,276.5	33,383.1	219,584.1	19,628.6
2002	1,616.5	66,468.6	1,029.4	2,002.7	31,371.8	197,574.5	16,279.9
2003	1,523.3	64,840.2	978.1	1,948.5	30,194.7	197,547.4	12,304.0
2004	1,440.9	65,248.5	895.2	1,831.2	29,857.8	202,312.5	11,872.9
2005	1,387.9	65,919.2	875.6	1,801.4	30,710.2	224,114.0	13,416.2
2006	1,386.7	67,795.6	885.9	1,790.1	31,747.0	238,083.8	14,061.0

a/ Annual Survey of Manufactures, Geographic Area Statistics not published for years 1979 - 1981.

b/ Due to a change in inventory reporting instructions, data from 1982 on are not comparable to prior year data.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE H-3

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED,
AND TOTAL CAPITAL EXPENDITURES FOR SELECTED COUNTIES, CALIFORNIA a/
2002 ECONOMIC CENSUS

County b/	Number of establishments	All employees		Production workers			Value added by manufacture ($ mill.)	Total capital expenditures ($ mill.)
		Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)		
California	48,478	1,616.5	$66,468.6	1,029.4	2,002.7	$31,371.8	$197,574.5	$16,279.9
Alameda	2,355	94.7	4,640.4	53.8	104.0	1,965.4	14,628.8	716.2
Amador	52	0.6	17.7	0.4	0.7	10.9	47.4	4.1
Butte	235	4.4	140.5	3.2	6.3	86.2	425.3	90.3
Colusa	28	0.8	27.8	0.7	1.2	18.9	87.6	5.8
Contra Costa	677	20.7	1,040.8	12.7	24.8	530.0	3,971.3	446.0
El Dorado	181	4.2	149.6	2.9	5.1	88.7	627.8	c/
Fresno	701	26.6	844.9	19.5	38.8	506.7	2,530.7	166.5
Glenn	30	0.8	30.0	0.7	1.6	24.1	114.8	c/
Humboldt	166	3.6	121.0	3.0	5.8	89.5	266.1	23.0
Imperial	60	1.8	61.3	1.4	2.9	39.6	219.1	17.6
Kern	398	11.0	360.3	7.7	15.3	213.4	1,656.2	165.7
Kings	79	3.9	123.0	3.3	7.0	96.8	689.5	27.3
Los Angeles	17,205	530.9	19,989.5	361.5	701.4	10,239.4	55,525.8	5,619.9
Madera	103	4.4	151.1	3.5	6.2	104.4	589.8	39.9
Marin	290	3.4	131.6	2.2	4.4	66.4	328.5	13.1
Mendocino	152	3.3	103.7	2.3	4.3	63.8	311.8	21.6
Merced	127	8.9	243.0	6.9	13.7	177.2	941.1	49.3
Monterey	307	8.4	268.8	6.3	10.4	166.7	1,037.1	51.5
Napa	381	10.9	486.3	5.3	10.5	190.0	1,994.6	159.6
Nevada	168	1.901	81.3	1.226	2.319	40.536	255.8	13.1
Orange	5,621	198.2	7,896.6	126.8	249.7	3,704.2	21,686.0	1,559.6
Placer	299	11.3	351.0	5.1	10.2	172.1	1,497.4	c/
Plumas	31	0.5	20.2	0.4	0.9	15.5	40.2	c/
Riverside	1,627	54.4	1,873.0	40.2	80.8	1,147.6	5,989.5	357.2
Sacramento	975	29.0	1,178.1	19.2	37.8	598.2	3,443.8	196.4
San Benito	77	2.6	91.7	1.9	3.7	55.1	248.8	10.9
San Bernardino	2,177	65.6	2,218.7	49.8	99.2	1,410.4	7,234.8	567.5
San Diego	3,473	117.1	4,915.5	68.5	132.2	2,118.1	14,187.1	1,116.3
San Francisco	932	15.6	488.7	10.5	20.0	265.5	1,818.1	38.4
San Joaquin	609	23.3	844.3	17.7	35.6	579.6	3,515.5	220.4
San Luis Obispo	383	6.9	245.3	4.4	8.3	121.9	615.0	59.2
San Mateo	858	29.3	1,476.1	14.4	27.5	499.5	5,814.3	392.5
Santa Barbara	532	15.3	692.3	8.0	15.5	263.6	1,773.5	121.6
Santa Clara	2,981	171.0	10,056.6	73.0	135.6	2,883.9	26,640.1	2,549.2
Santa Cruz	377	6.7	250.3	4.6	8.3	129.7	617.3	31.3
Shasta	178	3.3	115.8	2.5	5.2	77.0	262.6	c/
Siskiyou	40	0.8	24.9	0.6	1.3	17.6	80.6	7.8
Solano	303	10.2	428.6	7.2	13.4	252.5	1,779.5	164.6
Sonoma	874	26.7	1,183.3	15.4	30.4	559.4	3,437.2	190.3
Stanislaus	488	24.5	913.0	18.7	36.6	540.8	3,284.2	153.2
Sutter	76	1.8	59.6	1.4	2.6	35.0	394.5	21.7
Tehama	56	2.5	79.3	2.1	4.4	60.8	180.5	7.1
Tulare	293	11.3	371.7	8.8	16.9	246.7	1,262.1	75.0
Tuolumne	81	1.2	39.3	0.9	1.7	26.9	105.0	5.4
Ventura	1,051	33.1	1,314.9	22.5	45.4	674.6	4,525.3	259.3
Yolo	176	6.0	226.3	4.1	8.0	130.1	627.4	28.5
Yuba	46	1.3	38.3	1.1	2.3	28.0	126.8	3.2

a/ Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products.
The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.
b/ Only counties with 500 employees or more are shown, therefore county data will not add to State total.
c/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE H-4

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED,
AND TOTAL CAPITAL EXPENDITURES BY INDUSTRY GROUP
IN CALIFORNIA, 2005 and 2006 a/

NAICS code	Kind of business	Year	All employees Number (000)	All employees Payroll ($ mill.)	Production workers Number (000)	Production workers Hours (mill.)	Production workers Wages ($ mill.)	Value added by manufacture ($ mill.)	Total capital expenditures ($ mill.)
31-33	Manufacturing	2006	1,386.7	$67,795.6	885.9	1,790.1	$31,747.0	$238,083.8	$14,061.0
31-33	Manufacturing	2005	1,387.9	$65,919.2	875.6	1,801.4	$30,710.2	$224,114.0	$13,416.2
311	Food mfg	2006	157.8	5648.797	116.9	230.2	3560.895	24941.686	1504.324
311	Food mfg	2005	157.8	5553.393	115.2	233.0	3542.304	25048.083	1619.787
312	Beverage & tobacco product mfg	2006	30.4	1550.313	15.4	31.8	644.255	9518.623	737.622
312	Beverage & tobacco product mfg	2005	31.6	1489.331	15.8	30.8	621.615	9278.046	662.858
313	Textile mills	2006	10.6	318.523	9.0	17.6	238.266	825.453	36.569
313	Textile mills	2005	11.0	330.23	9.3	18.4	242.17	778.209	66.057
314	Textile product mills	2006	11.5	346.612	8.5	17.4	219.053	1104.71	47.585
314	Textile product mills	2005	12.3	363.662	9.0	18.3	228.441	1153.448	46.603
315	Apparel mfg	2006	68.7	1810.363	52.7	97.3	1017.602	5890.099	135.835
315	Apparel mfg	2005	68.0	1734.961	51.9	99.9	994.689	5032.427	147.848
316	Leather & allied product mfg	2006	5.0	156.723	3.6	7.0	80.678	478.964	22.564
316	Leather & allied product mfg	2005	5.0	157.116	3.4	6.7	73.939	407.677	29.126
321	Wood product mfg	2006	37.7	1315.173	30.2	62.2	883.446	3070.754	189.45
321	Wood product mfg	2005	39.0	1281.876	31.2	64.0	886.779	3004.587	159.669
322	Paper mfg	2006	22.9	1128.434	17.2	39.5	733.794	3996.889	495.155
322	Paper mfg	2005	24.3	1119.082	18.6	42.6	723.605	3124.963	219.479
323	Printing & related support activities	2006	61.6	2626.476	43.2	83.3	1557.105	6012.463	462.735
323	Printing & related support activities	2005	65.9	2629.297	45.5	86.7	1560.346	6048.839	514.567
324	Petroleum & coal products mfg	2006	12.6	1070.901	8.2	18.7	620.751	21584.479	1227.232
324	Petroleum & coal products mfg	2005	12.6	1036.065	7.7	17.7	545.744	16177.316	1016.097
325	Chemical mfg	2006	67.6	4142.656	34.7	68.3	1465.8	26444.274	1426.275
325	Chemical mfg	2005	66.0	4222.013	32.4	65.5	1388.161	24913.742	1227.525
326	Plastics & rubber products mfg	2006	75.6	2717.66	57.9	117.3	1664.569	8560.831	521.926
326	Plastics & rubber products mfg	2005	75.5	2679.368	56.8	119.5	1643.383	8084.392	465.764
327	Nonmetallic mineral product mfg	2006	48.6	2081.495	38.3	82.6	1484.06	6944.848	544.838
327	Nonmetallic mineral product mfg	2005	46.0	1928.935	36.5	78.7	1402.847	6279.232	489.234
331	Primary metal mfg	2006	18.3	851.041	14.5	31.1	608.075	3090.9	151.832
331	Primary metal mfg	2005	18.4	818.335	14.2	30.7	565.513	2826.157	113.715
332	Fabricated metal product mfg	2006	148.4	6322.164	109.3	229.2	4035.716	15999.176	668.119
332	Fabricated metal product mfg	2005	141.9	5842.374	102.9	218.2	3662.973	14551.781	570.223
333	Machinery mfg	2006	68.5	4109.912	40.2	84.3	1649.645	9732.632	461.835
333	Machinery mfg	2005	67.5	3818.954	39.5	83.2	1543.342	8491.247	558.822
334	Computer & electronic product mfg	2006	227.0	15204.255	97.2	191.9	4080.032	44027.522	3451.4
334	Computer & electronic product mfg	2005	222.7	14452.115	94.9	191.6	3954.73	44190.227	3392.852
335	Electrical equipment, appliance, & component mfg	2006	32.1	1590.744	20.1	43.0	705.017	4391.038	189.72
335	Electrical equipment, appliance, & component mfg	2005	33.4	1550.68	20.4	43.9	691.093	4346.544	126.464
336	Transportation equipment mfg	2006	124.1	7766.728	66.9	134.9	3233.936	19659.136	799.008
336	Transportation equipment mfg	2005	132.0	8291.716	69.0	143.9	3287.044	20022.195	1227.648
337	Furniture & related product mfg	2006	57.0	1939.619	43.0	86.5	1229.713	4919.652	128.244
337	Furniture & related product mfg	2005	59.1	1952.237	45.0	91.5	1263.403	4884.959	137.274
339	Miscellaneous mfg	2006	100.8	5097.045	58.7	116.1	2034.608	16889.657	858.746
339	Miscellaneous mfg	2005	97.9	4667.448	56.4	116.5	1888.072	15469.974	624.623

a/ Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products.
The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE H-5

EMPLOYMENT IN HIGH TECHNOLOGY INDUSTRIES
CALIFORNIA, 1990 TO 2007 a/ b/
(In thousands)

		Manufacturing			Services					
						Information			Professional & Business Services	
	TOTAL HIGH TECHNOLOGY	Total high technology manufacturing	Aerospace products & parts	Computer & electronic products	Total high technology services	Software publishers	Tele-communications	Internet serv. provid., portals & data proc.	Computer systems design	Scientific research & development
1990	n/a	663.9	214.2	449.7	n/a	n/a	n/a	n/a	66.6	89.3
1991	n/a	631.0	194.0	437.0	n/a	n/a	n/a	n/a	76.6	81.7
1992	n/a	577.9	172.2	405.7	n/a	n/a	n/a	n/a	81.5	75.7
1993	n/a	524.0	139.3	384.7	n/a	n/a	n/a	n/a	81.7	76.8
1994	n/a	491.2	117.8	373.4	n/a	n/a	n/a	n/a	88.5	75.9
1995	n/a	488.6	102.6	386.0	n/a	n/a	n/a	n/a	99.3	77.6
1996	n/a	508.5	99.8	408.7	n/a	n/a	n/a	n/a	113.7	75.3
1997	n/a	522.2	100.8	421.4	n/a	n/a	n/a	n/a	131.5	80.3
1998	n/a	529.1	106.0	423.1	n/a	n/a	n/a	n/a	146.6	86.0
1999	n/a	506.5	97.4	409.1	n/a	n/a	n/a	n/a	167.5	90.2
2000	n/a	512.5	90.7	421.8	n/a	n/a	n/a	n/a	206.6	95.2
2001	n/a	496.0	86.3	409.7	n/a	n/a	n/a	n/a	204.4	99.1
2002	n/a	433.3	79.6	353.7	n/a	n/a	n/a	n/a	177.1	100.5
2003	n/a	394.5	73.6	320.9	n/a	n/a	n/a	n/a	168.8	101.2
2004	n/a	387.1	73.7	313.4	n/a	n/a	n/a	n/a	168.5	100.8
2005	n/a	384.2	73.4	310.8	n/a	n/a	n/a	n/a	175.6	104.2
2006	850.8	381.2	73.0	308.2	469.6	41.3	113.9	20.9	187.3	106.2
2007	868.4	378.7	72.3	306.4	489.7	43.1	121.3	21.4	198.2	105.7

a/ Wage and salary workers.
b/ Beginning in 1990, industry employment are based on the new North American Industry Classification System (NAICS). Data prior to 1990 are based on the Standard Industrial Classification (SIC) system. As a result, industry classifications will be different from those published in past years. The NAICS and SIC data are not comparable.
n/a Not available

Employment Development Department
Labor Market Information Division
(916) 262-2162
http://www.calmis.ca.gov/

TABLE H-6

MANUFACTURING REPORTING UNITS, CALIFORNIA, 2005

County	Number of reporting units	Employment	County	Number of reporting units	Employment
Total a/	47,418	1,498,746	Placer	305	9,259
			Plumas	22	691
Alameda	2,196	75,470	Riverside	1,603	54,524
Alpine	b/	b/	Sacramento	963	30,866
Amador	49	709	San Benito	71	2,824
Butte	203	4,023	San Bernardino	2,037	65,241
Calaveras	45	409	San Diego	3,367	104,441
Colusa	25	895	San Francisco	888	11,790
Contra Costa	690	19,825	San Joaquin	554	20,728
Del Norte	11	175	San Luis Obispo	378	6,181
El Dorado	183	2,095	San Mateo	824	28,616
Fresno	673	26,970	Santa Barbara	482	13,570
Glenn	24	553	Santa Clara	2,982	168,242
Humboldt	151	3,673	Santa Cruz	321	6,957
Imperial	66	2,348	Shasta	170	2,854
Inyo	13	239	Sierra	b/	b/
Kern	416	12,280	Siskiyou	36	837
Kings	72	3,879	Solano	297	9,248
Lake	37	293	Sonoma	867	23,838
Lassen	10	30	Stanislaus	437	22,579
Los Angeles	16,052	467,482	Sutter	75	1,563
Madera	114	3,207	Tehama	45	2,275
Marin	261	2,464	Trinity	14	214
Mariposa	19	131	Tulare	271	11,549
Mendocino	154	3,091	Tuolomne	79	1,021
Merced	136	10,774	Ventura	999	38,186
Modoc	b/	b/	Yolo	171	6,601
Mono	12	63	Yuba	43	992
Monterey	286	6,608	Out-of-state	56	402
Napa	386	11,341	Foreign	8	508
Nevada	151	1,928	Unallocated by cnty	784	8,319
Orange	5,689	182,138	Unknown	141	691

a/ Detail may not add to total due to independent rounding.
b/ Counties not shown are included in "Unallocated by county" to avoid disclosure of confidential information.

Employment Development Department
Labor Market Information Division
(916) 262-2162
http://www.labormarketinfo.edd.ca.gov

TABLE H-7

DEPARTMENT OF DEFENSE PRIME CONTRACTS TO CALIFORNIA
OVER $25,000 BY PROGRAM 1993-94 TO 2004-05
(Amounts in millions)

Procurement program	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Total	$22,573.1	$18,277.3	$18,229.7	$18,477.3	$17,401.1	$17,371.6	$18,100.1	$19,939.1	$23,816.1	$28,681.1	$27,875.2	$31,064.6
Percent of U.S.	20.5	16.8	16.7	17.3	15.9	15.1	14.7	13.6	15.0	15.0	13.7	13.1
Aircraft engines and spares	56.2	61.8	73.0	59.1	66.6	217.0	72.6	90.0	138.7	226.8	255.1	301.7
Airframes and spares	7,015.4	3,243.4	4,114.5	3,322.0	3,531.4	3,779.5	4,868.5	4,425.8	5,273.8	6,043.6	5,596.3	6,032.5
All other supplies and equipment	760.8	826.1	768.7	827.5	1,106.2	884.6	880.1	1,041.7	1,201.2	1,643.7	1,699.4	2,188.2
Ammunition	154.7	224.3	159.9	130.2	144.7	113.4	142.4	110.5	85.5	142.2	144.8	171.9
Building supplies	25.5	22.2	2.1	9.2	5.3	4.7	1.5	2.6	3.6	3.7	2.5	4.9
Combat vehicles	414.4	270.5	266.6	185.1	153.5	163.7	69.9	73.0	164.6	128.7	195.6	355.4
Construction	1,511.1	1,436.8	1,462.5	1,970.7	1,703.0	1,351.9	1,314.8	1,871.8	1,301.6	1,598.1	1,288.0	1,261.3
Construction equipment	3.6	2.7	0.8	0.7	0.3	3.4	1.2	2.7	5.6	6.3	4.8	114.8
Containers and handling equipment	7.0	0.7	2.7	8.5	--	0.7	0.2	0.2	0.2	6.2	2.3	0.1
Electronics and communication equipment	2,234.4	1,998.3	2,221.9	1,968.9	1,674.0	1,622.2	1,536.5	1,881.2	2,179.7	2,605.4	2,580.4	3,142.3
Materials handling equipment	3.0	6.6	14.6	25.3	3.8	4.7	3.0	4.1	4.3	15.1	6.3	3.0
Medical & dental supplies and equipment	105.5	111.4	247.3	243.5	265.2	229.5	238.0	276.8	341.8	415.0	463.9	352.8
Missile and space systems	4,343.4	3,931.9	3,805.5	4,391.5	4,430.3	4,088.8	3,666.7	3,830.0	4,368.9	6,467.4	5,988.2	6,000.2
Non-combat vehicles	27.1	6.4	7.8	9.3	5.6	22.5	9.4	15.1	5.4	21.0	58.5	103.7
Other aircraft equipment	573.4	593.0	456.4	518.1	451.4	736.2	726.7	869.6	1,094.8	1,456.5	1,606.7	1,533.4
Other fuels and lubricants	13.7	47.7	1.1	12.5	8.3	27.3	1.3	0.6	47.9	20.1	4.2	146.8
Petroleum	615.7	454.1	234.1	488.8	190.7	185.6	285.1	419.0	334.1	622.1	544.6	577.1
Photographic supplies and equipment	8.1	2.8	1.8	3.2	3.6	3.6	5.5	7.4	5.0	10.6	13.9	5.8
Production equipment	15.8	44.2	51.9	36.9	28.4	11.2	7.7	8.7	7.6	8.2	29.7	5.4
Services	3,744.6	3,988.8	3,314.6	3,240.4	2,808.6	3,206.3	3,332.6	4,236.4	5,107.7	5,787.9	5,669.2	6,517.4
Ships	589.0	548.2	739.7	700.5	600.9	508.2	759.0	517.6	1,709.7	1,028.7	1,200.8	1,273.5
Subsistence	152.4	267.0	105.3	136.3	135.0	144.9	147.5	177.9	176.6	179.2	174.5	710.8
Textiles, clothing and equipage	14.5	20.5	2.2	7.9	8.8	16.0	17.2	25.8	35.7	107.3	176.8	128.5
Transportation equipment	--	--	0.1	--	--	0.1	--	0.5	0.4	0.4	0.2	0.1
Weapons	183.6	168.0	174.5	181.2	75.6	45.8	12.7	50.2	221.8	137.0	168.5	133.1

Note: Detail may not add to total because of rounding.

Source: U.S. Department of Defense, Prime Contract Awards by Region and State, http://web1.whs.osd.mil/diorhome.htm

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE H-8

DEPARTMENT OF DEFENSE AND
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
PRIME CONTRACT AWARDS TO CALIFORNIA
1950-51 TO 2004-05

Fiscal year a/	DOD b/ ($000)	Percent of U.S.	NASA c/ ($000)	Percent of U.S.
1950-51	$3,897,915	13.2	--	--
1951-52	4,907,845	12.8	--	--
1952-53	4,161,835	15.4	--	--
1953-54	5,761,574	26.0	--	--
1954-55	2,813,676	20.1	--	--
1955-56	3,311,203	20.1	--	--
1956-57	3,381,927	18.8	--	--
1957-58	4,457,666	21.4	--	--
1958-59	5,282,659	24.2	--	--
1959-60	4,839,252	23.7	--	--
1960-61	5,276,760	23.9	$148,713	39.1
1961-62	5,993,244	23.9	441,179	47.0
1962-63	5,835,670	23.1	1,098,486	50.4
1963-64	5,100,650	21.0	1,663,071	47.6
1964-65	5,153,639	22.1	1,875,663	45.7
1965-66	5,813,078	18.3	1,808,100	43.8
1966-67	6,688,812	17.9	1,562,968	39.6
1967-68	6,471,875	17.4	1,317,953	37.7
1968-69	6,824,493	19.4	1,045,855	34.1
1969-70	5,823,864	19.6	874,791	30.9
1970-71	5,292,653	18.5	522,826	22.2
1971-72	6,015,505	18.7	520,455	23.7
1972-73	6,214,501	20.7	696,005	32.9
1973-74	6,917,273	21.2	849,319	39.2
1974-75	7,907,977	21.2	1,081,905	47.1
1975-76	8,949,118	23.0	1,334,663	51.6
197T d/	1,926,121	19.4	329,784	49.2
1976-77	10,078,180	22.1	1,417,181	49.2
1977-78	10,516,735	19.6	1,280,268	42.4
1978-79	11,674,320	20.6	1,438,969	41.3
1979-80	13,914,429	20.4	1,721,269	43.5
1980-81	16,698,825	19.0	1,875,403	42.8
1981-82	22,684,515	21.8	2,056,491	42.0
1982-83	26,387,160	22.2	2,131,242	37.6
1983-84	28,519,741	23.0	2,149,986	35.1
1984-85	29,114,566	20.8	2,236,531	32.7
1985-86	27,737,750	20.4	1,999,674	30.4
1986-87	24,514,511	18.4	2,224,687	32.8
1987-88	23,457,695	18.7	2,411,400	31.8
1988-89	23,124,697	19.3	2,727,664	30.2
1989-90	22,312,357	18.4	3,147,758	29.7
1990-91	24,265,041	19.5	3,100,916	28.1
1991-92	23,843,135	21.2	3,110,769	27.2
1992-93	22,951,966	20.1	3,083,877	27.2
1993-94	22,573,105	20.5	2,405,595	22.3
1994-95	18,277,309	16.8	2,369,156	21.1
1995-96	18,229,723	16.7	2,133,903	20.0
1996-97	18,477,307	17.3	1,903,616	17.6
1997-98	17,401,098	15.9	1,894,298	17.8
1998-99	17,371,556	15.1	1,910,831	18.0
1999-00	18,100,086	14.7	1,451,398	13.7
2000-01	19,939,088	13.6	1,448,975	13.6
2001-02	23,816,142	15.0	1,556,512	13.9
2002-03	28,681,090	15.0	1,778,990	15.9
2003-04	27,875,154	13.7	1,559,408	14.4
2004-05	31,064,642	13.1	3,592,653	24.7

a/ U.S. federal fiscal year
b/ (1975-1982) Contract awards over $10,000.
(1983-1991) Contract awards over $25,000.
c/ (1975-1984) Excludes smaller procurements, generally those less than $10,000. (1985-1991) Excludes smaller procurements, generally those less than $25,000. Also excludes awards placed through other government agencies, awards outside the U.S., and actions on JPL contracts.
d/ Transition quarter (July - September 1976).

Sources:
Department of Defense, Prime Contract Awards by State
http://web1.whs.osd.mil/diorhome.htm

National Aeronautics and Space Administration, Annual Procurement Report
http://ec.msfc.nasa.gov/hq/library/procreport/index.html

Department of Finance
Economic Research Unit, (916) 322-2263

SECTION I
CONSTRUCTION

This section presents annual data on California building permits issued for housing units, and the valuation of building permits issued for both residential and nonresidential units. Annual figures by county are also included. The sources of construction statistics are Security Pacific National Bank (through 1986) and the Construction Industry Research Board. The data on housing characteristics are provided by the US Bureau of the Census and the California Department of Finance. The California Association of Realtors is the source for the existing home sales price data.

TABLE I-1

OWNER-OCCUPIED HOUSING VALUE a/
CALIFORNIA

Value	Number of units 1980	1990	2000
Less than $50,000	60,777	119,023	84,079
$50,000 to $99,999	1,874,591	636,643	557,004
$100,000 to $149,999	804,979	812,098	934,731
$150,000 to $199,999	281,546	851,540	1,027,275
$200,000 or more	275,280	2,270,960	2,924,529
$200,000 to $299,999	--	1,150,992	1,234,462
$300,000 to $399,999	--	539,609	--
$300,000 to $499,999	--	--	1,054,888
$400,000 to $499,999	--	241,962	--
$500,000 to $999,999	--	--	506,560
$500,000 or more	--	338,397	--
$1,000,000 or more	--	--	128,619
Median value	$84,700	$195,500	$211,500

a/ Value is the Census respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale.

Source: U.S. Department of Commerce, Bureau of the Census, Census of Housing
http://www.census.gov/

TABLE I-2

CONTRACT RENT, CALIFORNIA
CENSUS 2000

With cash rent	Number of units	Percent
Less than $200	108,249	2.2
$200 to $299	130,660	2.7
$300 to $499	619,698	12.6
$500 to $749	1,542,012	31.3
$750 to $999	1,161,178	23.6
$1000 to $1499	870,092	17.7
$1500 or more	336,834	6.8
Median Rent	$747	

Source: U.S. Department of Commerce, Bureau of the Census, Census of Housing
http://www.census.gov/

TABLE I-3

RESIDENTIAL CONSTRUCTION AUTHORIZED
BY PERMITS, CALIFORNIA, 1970-2007

Year	Units Total	Single a/	Multiple b/	Valuation c/ ($ mill.)
1970	195,692	71,344	124,348	$3,177
1971	256,989	113,260	143,729	4,529
1972	279,670	124,064	155,606	5,390
1973	216,079	102,571	113,508	4,883
1974	129,229	76,204	53,025	3,687
1975	131,732	89,823	41,909	4,541
1976	221,940	140,293	81,647	8,023
1977	270,640	174,874	95,766	10,494
1978	243,805	141,537	102,268	10,604
1979	210,076	127,499	82,577	10,791
1980	144,987	86,632	58,355	9,098
1981	104,873	59,973	44,900	7,520
1982	84,373	49,852	34,521	6,179
1983	168,358	99,299	69,059	11,511
1984	218,007	107,346	110,661	14,514
1985	263,682	109,809	153,873	17,599
1986	302,934	143,013	159,921	22,319
1987	253,171	136,128	117,043	22,116
1988	255,559	162,167	93,392	26,361
1989	237,747	162,651	75,096	27,790
1990	164,313	103,819	60,494	20,686
1991	105,919	73,809	32,110	15,056
1992	97,407	76,187	21,220	14,451
1993	84,656	69,901	14,755	12,954
1994	97,047	77,115	19,932	14,852
1995	85,293	68,689	16,604	13,879
1996	94,283	74,923	19,360	15,289
1997	111,716	84,780	26,936	18,752
1998	125,707	94,298	31,409	21,976
1999	140,137	101,711	38,426	25,783
2000	148,540	105,595	42,945	28,142
2001	148,757	106,902	41,855	28,804
2002	167,761	123,865	43,896	33,305
2003	195,682	138,762	56,920	38,968
2004	212,960	151,417	61,543	44,777
2005	208,972	155,322	53,650	47,138
2006	164,280	108,021	56,259	38,108
2007	113,034	68,409	44,625	28,621

a/ Single units: detached, semi-detached, rowhouse, and town house units. Row houses, condominiums and townhouses must be separated from the adjacent unit by an unbroken ground-to-roof party or fire wall. Condominiums are included when they are of zero-lot-line or zero-property-line construction or when units are separated by an air space.
b/ Multiple units: duplexes, 3 or more unit structures and any condominium units not meeting the above single-family definition.
c/ Valuation includes additions and alterations.
Additions and Alterations: alterations, additions and conversions of residential structures, excluding special installation permits, such as HVAC, elevator, and fire escape installations.

Source: Construction Industry Research Board, http://www.cirbdata.co
Security Pacific National Bank (1970-86)

Department of Finance, Economic Research Unit, (916) 322-2263
http://www.dof.ca.gov

TABLE I-4

NONRESIDENTIAL CONSTRUCTION AUTHORIZED
BY PERMIT, CALIFORNIA, 1970-2007
(Thousands of dollars)

Year	Commercial b/	Industrial c/	Other d/	Additions and alterations e/	Total
1970	$1,094,878	$288,076	$669,350	$491,843	$2,544,147
1971	1,401,561	326,091	985,638	263,687	2,976,977
1972	1,437,508	464,702	865,307	281,115	3,048,632
1973	1,349,103	717,548	826,830	337,156	3,230,637
1974	1,259,919	736,534	902,665	359,500	3,258,618
1975	1,296,114	491,035	952,400	366,797	3,106,346
1976	1,327,752	629,515	1,067,339	443,050	3,467,656
1977	1,890,490	1,093,685	1,229,912	498,549	4,712,636
1978	2,477,674	1,556,130	1,318,787	605,996	5,958,587
1979	3,377,022	1,812,479	1,383,482	721,926	7,294,909
Revised definition a/					
1980	3,274,078	1,276,732	1,202,940	1,716,355	7,470,105
1981	4,034,263	1,484,013	1,308,223	2,079,345	8,905,844
1982	4,176,486	1,051,367	1,401,372	2,100,651	8,729,876
1983	4,456,643	1,312,571	1,478,115	2,663,473	9,910,802
1984	5,643,180	2,020,359	1,561,724	2,747,846	11,973,109
1985	6,235,954	1,956,566	1,800,293	3,324,965	13,317,778
1986	5,780,519	2,135,479	1,886,448	3,392,460	13,194,906
1987	5,686,771	1,803,318	1,747,206	3,664,011	12,901,306
1988	6,568,580	1,802,032	1,769,095	4,020,603	14,160,310
1989	6,159,419	1,704,750	1,518,323	4,283,608	13,666,100
1990	5,270,000	1,591,000	1,644,000	4,231,000	12,736,000
1991	3,374,000	892,000	1,283,000	4,072,000	9,621,000
1992	2,472,449	625,998	1,233,855	3,823,541	8,155,843
1993	2,136,925	489,229	1,067,307	3,863,428	7,556,889
1994	2,108,066	649,629	1,051,277	4,080,657	7,889,629
1995	2,308,911	732,874	1,050,693	4,062,273	8,154,751
1996	2,751,925	1,140,574	1,152,443	4,539,219	9,584,161
1997	4,271,378	1,598,428	1,378,220	5,021,792	12,269,818
1998	5,419,251	2,466,530	1,782,337	5,307,901	14,976,019
1999	5,706,719	2,256,166	2,350,213	6,269,194	16,582,292
2000	6,962,031	2,206,169	2,204,754	7,252,004	18,624,958
2001	6,195,368	1,552,047	2,584,321	6,421,551	16,753,287
2002	5,195,348	1,227,754	2,712,681	5,393,329	14,529,112
2003	4,039,561	1,320,222	2,954,039	5,601,117	13,914,939
2004	5,105,541	1,456,283	3,100,982	6,026,567	15,689,373
2005	5,853,351	1,693,373	3,818,100	6,900,709	18,265,533
2006	7,733,068	1,760,888	3,873,055	7,741,610	21,108,621
2007	8,812,083	1,450,875	3,496,471	8,782,424	22,541,853

a/ Prior to 1980 all additions and alterations of $100,000 or more were recorded as new construction in the commercial, industrial or other categories.
b/ Commercial: New hotels, motels, office and bank buildings, stores and other mercantile buildings, parking garages, service stations, amusement and recreational buildings.
c/ Industrial: Manufacturing plants and affiliated buildings.
d/ Other: Churches, religious buildings, hospitals, institutional buildings, schools, residential garages, public works and utilities buildings, and miscellaneous nonresidential structures.
e/ Additions and Alterations: alterations, additions and conversions of nonresidential structures, excluding special installation permits, such as HVAC, elevator, and fire escape installations.

Source: Construction Industry Research Board, http://www.cirbdata.com
Security Pacific National Bank (1970-86)

Department of Finance, Economic Research Unit, (916) 322-2263

TABLE I-5

NUMBER AND VALUATION OF NEW HOUSING UNITS AUTHORIZED
BY BUILDING PERMITS, CALIFORNIA, 2007

	Number of units			Valuation ($1,000)			
County	Single a/	Multiple b/	Total	Single a/	Multiple b/	Additions & Alterations c/	Total
Total	68,409	44,625	113,034	$16,297,752	$6,128,614	$6,194,885	$28,621,251
Alameda	1,340	1,911	3,251	424,010	$315,893	$339,843	1,079,746
Alpine	15	20	35	10,728	$6,922	506	18,156
Amador	156	7	163	28,840	$998	5,810	35,648
Butte	720	212	932	102,910	$18,921	17,900	139,731
Calaveras	262	15	277	69,619	$2,109	10,786	82,514
Colusa	27	81	108	10,108	$7,168	2,401	19,677
Contra Costa	2,698	909	3,607	832,054	$94,505	290,107	1,216,666
Del Norte	77	6	83	15,272	$463	2,786	18,521
El Dorado	714	180	894	246,294	$24,851	43,467	314,612
Fresno	3,736	1,243	4,979	632,947	$105,115	63,359	801,421
Glenn	86	0	86	13,712	$0	2,730	16,442
Humboldt	306	71	377	30,958	$3,874	14,788	49,620
Imperial	670	409	1,079	101,220	$27,280	9,636	138,136
Inyo	13	12	25	3,291	$399	1,342	5,032
Kern	3,669	939	4,608	513,625	$67,108	62,609	643,342
Kings	491	151	642	79,622	$13,518	7,590	100,730
Lake	335	70	405	58,028	$6,576	7,238	71,842
Lassen	59	0	59	11,821	$0	4,365	16,186
Los Angeles	7,509	12,854	20,363	2,047,773	$2,010,558	1,898,229	5,956,560
Madera	510	23	533	92,337	$1,823	11,353	105,513
Marin	151	10	161	114,187	$2,630	162,687	279,504
Mariposa	114	4	118	39,650	$571	2,940	43,161
Mendocino	220	12	232	33,806	$1,051	17,305	52,162
Merced	711	14	725	133,449	$1,359	16,510	151,318
Modoc	18	0	18	2,045	$0	1,159	3,204
Mono	46	4	50	22,660	$1,464	9,406	33,530
Monterey	559	557	1,116	200,670	$70,987	97,913	369,570
Napa	262	52	314	114,387	$7,472	41,968	163,827
Nevada	390	60	450	94,218	$8,770	28,540	131,528
Orange	2,182	4,890	7,072	709,396	$638,458	444,416	1,792,270
Placer	2,177	236	2,413	572,342	$34,390	63,250	669,982
Plumas	148	0	148	28,596	$0	2,853	31,449
Riverside	9,763	2,690	12,453	2,207,520	$238,316	141,996	2,587,832
Sacramento	3,384	839	4,223	695,003	$93,459	208,360	996,822
San Benito	33	0	33	11,557	$0	6,077	17,634
San Bernardino	6,239	1,765	8,004	1,263,351	$155,819	128,336	1,547,506
San Diego	3,503	3,942	7,445	1,052,193	$485,049	315,139	1,852,381
San Francisco	57	2,791	2,848	28,338	$713,618	441,932	1,183,888
San Joaquin	2,138	341	2,479	496,495	$41,330	49,875	587,700
San Luis Obispo	731	293	1,024	160,811	$36,269	39,295	236,375
San Mateo	658	367	1,025	316,491	$67,181	274,262	657,934
Santa Barbara	478	245	723	159,140	$38,865	75,645	273,650
Santa Clara	2,063	2,520	4,583	643,374	$327,005	404,732	1,375,111
Santa Cruz	236	342	578	64,553	$56,488	44,956	165,997
Shasta	564	196	760	98,556	$15,104	18,960	132,620
Sierra	17	0	17	5,252	$0	611	5,863
Siskiyou	147	4	151	29,158	$437	6,144	35,739
Solano	820	153	973	197,987	$16,522	38,938	253,447
Sonoma	904	622	1,526	219,644	$86,984	71,029	377,657
Stanislaus	1,230	537	1,767	248,270	$53,436	46,016	347,722
Sutter	252	24	276	59,802	$1,464	13,941	75,207
Tehama	222	69	291	32,383	$6,656	4,557	43,596
Trinity	49	0	49	9,154	$0	1,992	11,146
Tulare	2,264	543	2,807	402,008	$51,601	28,017	481,626
Tuolumne	146	3	149	46,717	$557	18,170	65,444
Ventura	736	1,111	1,847	218,178	$145,425	100,262	463,865
Yolo	724	200	924	137,454	$15,968	27,568	180,990
Yuba	680	76	756	103,788	$5,828	2,283	111,899

a/ Single units: detached, semi-detached, rowhouse, and town house units. Row houses, condominiums and townhouses must be separated from the adjacent unit by an unbroken ground-to-roof party or fire wall. Condominiums are included when they are of zero-lot-line or zero-property-line construction or when units are separated by an air space.
b/ Multiple units: duplexes, 3 or more unit structures and any condominium units not meeting the above single-family definition.
c/ Additions and Alterations: alterations, additions and conversions of residential structures, excluding special installation permits, such as HVAC, elevator, and fire escape installations.

Source: Construction Industry Research Board, http://www.cirbdata.com
Department of Finance, Economic Research Unit, (916) 322-2263, http://www.dof.ca.gov

TABLE I-6

TOTAL NEW HOUSING UNITS AUTHORIZED BY BUILDING PERMITS

CALIFORNIA, 1994 TO 2007

County	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	97,047	85,293	94,283	111,716	125,707	140,137	148,540	148,757	167,761	195,682	212,960	208,972	164,280	113,034
Alameda	3,128	2,950	3,898	6,500	5,897	4,511	4,208	3,236	3,572	4,520	5,691	4,416	5,716	3,251
Alpine	20	41	16	10	65	50	30	54	62	28	22	16	32	35
Amador	163	186	140	118	157	256	274	239	315	403	541	339	219	163
Butte	855	656	592	591	910	960	1,078	1,044	1,185	1,825	1,993	1,700	1,286	932
Calaveras	359	288	226	260	298	302	426	570	520	688	831	863	499	277
Colusa	77	62	35	52	51	48	46	34	41	202	193	145	99	108
Contra Costa	3,869	3,354	3,552	3,514	4,249	4,589	5,639	5,136	5,805	6,895	5,483	6,312	4,488	3,607
Del Norte	149	97	51	45	50	35	44	56	79	127	198	120	37	83
El Dorado	1,024	880	1,486	1,079	1,172	1,435	1,562	2,174	1,947	1,939	2,196	1,731	1,189	894
Fresno	4,638	4,091	3,461	2,756	3,034	3,032	3,196	3,963	3,839	5,999	6,950	7,875	4,580	4,979
Glenn	80	42	78	100	50	54	42	68	72	142	150	214	173	86
Humboldt	524	506	396	462	373	404	373	545	538	424	611	503	469	377
Imperial	854	497	331	327	394	333	677	756	1,062	1,211	2,157	2,974	1,850	1,079
Inyo	45	16	23	18	19	18	18	20	17	19	17	11	14	25
Kern	3,145	3,304	2,812	2,637	3,453	3,157	3,060	3,637	4,881	6,112	7,455	9,450	7,691	4,608
Kings	672	667	654	783	757	493	443	668	699	978	852	1,166	907	642
Lake	194	172	103	168	84	165	187	118	313	540	632	509	606	405
Lassen	83	159	121	84	83	116	107	95	125	163	210	173	120	59
Los Angeles	7,621	8,405	8,607	10,424	11,692	14,383	17,071	18,253	19,364	21,313	26,935	25,647	26,348	20,363
Madera	687	855	619	505	633	619	648	793	982	1,234	1,658	2,379	1,391	533
Marin	351	578	742	598	713	736	633	375	440	712	1,027	476	206	161
Mariposa	84	110	127	58	71	74	85	95	88	137	175	164	186	118
Mendocino	286	277	238	259	266	270	275	353	458	382	350	300	291	232
Merced	1,052	867	871	1,010	1,032	1,003	1,553	1,131	1,726	2,946	2,576	3,740	2,147	725
Modoc	10	10	9	7	10	14	20	10	27	35	14	23	22	18
Mono	98	64	82	96	115	213	244	310	92	318	226	534	163	50
Monterey	1,466	1,323	1,496	1,713	1,178	2,081	1,702	1,064	1,223	1,385	1,276	1,335	873	1,116
Napa	394	316	232	350	483	720	535	907	1,194	649	924	653	503	314
Nevada	737	730	599	645	668	815	847	680	912	912	979	829	639	450
Orange	12,644	8,300	10,207	12,251	10,101	12,348	12,367	8,646	12,020	9,311	9,322	7,206	8,371	7,072
Placer	2,861	2,574	2,847	3,837	5,206	4,896	6,379	5,974	7,188	5,254	4,894	5,294	3,205	2,413
Plumas	197	96	120	120	123	101	188	191	260	263	270	267	237	148
Riverside	8,286	6,946	7,499	9,784	12,493	14,579	15,410	19,014	22,664	30,361	34,226	34,134	25,211	12,453
Sacramento	5,129	3,863	3,870	4,339	6,842	7,743	7,750	9,434	12,854	13,833	12,962	9,749	6,663	4,223
San Benito	491	422	443	630	745	581	541	340	148	98	112	126	34	33
San Bernardino	4,730	3,953	5,014	5,593	6,113	7,072	6,580	8,527	10,616	12,640	18,470	16,684	13,872	8,004
San Diego	6,935	6,608	6,868	11,402	12,173	16,427	15,927	15,638	15,738	18,314	17,306	15,258	10,777	7,445
San Francisco	948	515	1,478	1,721	2,336	3,811	3,365	1,819	1,330	1,582	2,368	2,724	2,992	2,848
San Joaquin	2,276	2,321	2,409	2,475	3,229	4,046	5,323	4,399	6,280	6,952	6,886	6,272	3,650	2,479
San Luis Obispo	1,047	985	1,176	1,329	1,730	1,664	1,650	2,025	1,972	2,222	2,263	1,945	1,595	1,024
San Mateo	900	1,424	1,105	1,519	2,175	901	2,317	1,441	1,423	1,304	1,111	892	937	1,025
Santa Barbara	700	792	775	903	1,026	915	924	1,113	1,732	1,617	1,517	960	897	723
Santa Clara	3,954	3,484	7,501	8,810	7,526	7,010	7,054	5,960	4,513	7,490	5,505	5,872	6,204	4,583
Santa Cruz	509	503	536	751	639	506	587	602	922	1,202	804	894	460	578
Shasta	973	772	716	676	694	809	972	1,021	1,349	1,338	1,039	1,581	952	760
Sierra	20	17	16	9	10	14	19	18	17	20	18	14	17	17
Siskiyou	144	176	153	138	125	154	147	216	194	219	316	476	270	151
Solano	1,501	1,115	1,737	1,542	2,204	1,953	2,346	2,560	2,461	2,678	3,022	2,553	1,300	973
Sonoma	2,451	1,927	1,464	2,121	2,964	3,052	2,555	2,579	1,835	2,339	1,941	3,003	1,962	1,526
Stanislaus	1,483	1,347	1,428	1,472	2,090	2,310	3,413	3,195	3,109	4,168	4,603	4,723	2,410	1,767
Sutter	463	474	287	246	208	183	249	447	658	991	1,300	1,328	360	276
Tehama	251	233	154	95	154	155	221	186	298	430	640	653	525	291
Trinity	54	36	32	31	50	46	33	47	42	63	78	60	64	49
Tulare	1,903	1,727	1,428	1,338	1,455	1,653	1,651	1,773	1,988	2,390	2,751	3,386	3,612	2,807
Tuolumne	230	185	154	246	413	194	278	252	300	356	399	384	222	149
Ventura	2,464	2,166	2,353	2,316	3,182	4,442	3,971	3,446	2,507	3,635	2,603	4,516	2,461	1,847
Yolo	683	709	798	714	1,591	1,465	1,216	1,300	1,389	1,763	2,215	1,718	1,270	924
Yuba	155	120	118	139	153	221	84	210	376	611	1,697	1,703	1,006	756

Source: Construction Industry Research Board, http://www.cirbdata.com

Department of Finance, Economic Research Unit, (916) 322-2263, http://www.dof.ca.gov

TABLE I-7

NONRESIDENTIAL CONSTRUCTION VALUATION
AUTHORIZED BY PERMITS, CALIFORNIA, 2007
(Thousands of dollars)

County	Commercial a/	Industrial b/	Other c/	Additions and Alterations d/	Total
Total	$8,812,083	$1,450,875	$3,496,471	$8,782,424	$22,541,853
Alameda	219,827	65,661	102,271	503,016	890,775
Alpine	0	0	854	48	902
Amador	6,238	0	9,052	6,997	22,287
Butte	45,268	2,186	21,984	28,833	98,271
Calaveras	4,856	587	6,422	2,868	14,733
Colusa	3,330	0	2,253	1,637	7,220
Contra Costa	148,840	17,504	95,441	229,533	491,318
Del Norte	1,172	0	2,511	2,201	5,884
El Dorado	40,429	902	39,228	30,918	111,477
Fresno	146,247	66,958	49,882	97,088	360,175
Glenn	11,985	0	4,414	3,632	20,031
Humboldt	6,541	0	9,908	16,228	32,677
Imperial	57,281	6,440	14,172	16,174	94,067
Inyo	1,060	0	2,370	827	4,257
Kern	105,882	11,178	78,060	107,440	302,560
Kings	12,485	9,549	16,977	13,510	52,521
Lake	20,408	0	9,029	2,431	31,868
Lassen	0	0	4,474	4,069	8,543
Los Angeles	1,858,925	108,827	766,205	2,005,200	4,739,157
Madera	17,072	3,415	24,287	14,716	59,490
Marin	18,555	0	31,415	62,568	112,538
Mariposa	5,384	0	4,937	1,441	11,762
Mendocino	679	2,588	7,000	12,071	22,338
Merced	56,009	8,967	36,589	16,090	117,655
Modoc	566	0	1,840	469	2,875
Mono	0	0	3,225	8,512	11,737
Monterey	70,081	3,466	43,286	99,344	216,177
Napa	128,088	58,245	25,612	75,907	287,852
Nevada	25,284	1,824	15,442	12,822	55,372
Orange	908,626	51,912	287,583	757,077	2,005,198
Placer	234,663	3,727	95,875	144,300	478,565
Plumas	1,461	0	2,311	1,628	5,400
Riverside	682,331	184,506	240,765	350,539	1,458,141
Sacramento	356,055	35,787	125,149	371,320	888,311
San Benito	772	0	3,685	2,565	7,022
San Bernardino	569,354	350,521	190,365	255,984	1,366,224
San Diego	596,982	118,401	191,113	510,327	1,416,823
San Francisco	290,140	0	103,931	654,127	1,048,198
San Joaquin	252,935	112,741	119,437	129,865	614,978
San Luis Obispo	42,243	6,519	28,112	49,173	126,047
San Mateo	366,581	29,264	74,828	336,069	806,742
Santa Barbara	59,202	10,912	35,843	108,302	214,259
Santa Clara	666,881	60,014	179,100	1,080,226	1,986,221
Santa Cruz	28,840	660	11,956	21,156	62,612
Shasta	31,055	1,115	26,003	19,478	77,651
Sierra	0	0	797	92	889
Siskiyou	5,114	0	6,493	6,897	18,504
Solano	62,882	12,596	78,459	93,905	247,842
Sonoma	59,684	5,426	46,141	106,301	217,552
Stanislaus	130,170	25,245	63,879	86,402	305,696
Sutter	8,294	300	8,280	12,329	29,203
Tehama	8,481	0	11,401	9,456	29,338
Trinity	877	0	2,757	648	4,282
Tulare	144,503	5,140	46,390	53,607	249,640
Tuolumne	4,194	0	6,999	8,471	19,664
Ventura	143,630	29,408	48,598	124,145	345,781
Yolo	140,564	38,384	25,319	104,208	308,475
Yuba	3,077	0	5,762	7,237	16,076

a/ Commercial: New hotels, motels, office and bank buildings, stores and other mercantile buildings, parking garages, service stations, amusement and recreational buildings.
b/ Industrial: Manufacturing plants and affiliated buildings.
c/ Other: Churches, religious buildings, hospitals, institutional buildings, schools, residential garages, public works and utilities buildings, and miscellaneous nonresidential structures.
d/ Additions and Alterations: Alterations, additions and conversions of nonresidential structures, excluding special installation permits, such as HVAC, elevator, and fire escape installations.

Source: Construction Industry Research Board, http://www.cirbdata.com
Department of Finance, Economic Research Unit, (916) 322-2263, http://www.dof.ca.gov

TABLE I-8

TOTAL NONRESIDENTIAL CONSTRUCTION VALUATION
AUTHORIZED BY BUILDING PERMITS, CALIFORNIA, 1994 TO 2007
(Thousands of dollars)

County	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	$7,889,631	$8,154,744	$9,584,127	$12,269,790	$14,976,019	$16,582,292	$18,624,958	$16,753,287	$14,529,112	$13,914,939	$15,689,373	$18,265,533	$21,108,621	$22,541,853
Alameda	383,412	504,609	660,268	888,818	1,142,781	916,743	1,059,861	1,023,060	770,270	608,280	705,734	773,737	816,196	890,775
Alpine	181	427	11,542	1,530	287	1,250	3,781	581	771	494	429	175	1,538	902
Amador	7,766	9,289	7,386	7,863	8,379	14,756	9,602	8,576	1,644	14,815	14,727	34,004	27,030	22,287
Butte	28,486	34,432	33,306	47,793	60,226	50,987	73,676	77,439	54,602	67,777	72,008	77,264	71,943	98,271
Calaveras	12,897	9,622	6,028	8,052	18,979	12,293	15,708	9,635	19,079	15,051	16,177	20,610	16,908	14,733
Colusa	8,240	14,542	13,815	6,318	14,097	8,573	8,045	9,429	5,756	2,500	11,310	8,259	8,595	7,220
Contra Costa	184,111	191,354	333,258	327,252	241,887	332,046	480,270	524,975	375,162	412,119	375,183	392,872	412,505	491,318
Del Norte	4,087	3,075	3,549	5,950	5,149	7,614	4,324	5,228	7,403	3,910	6,222	4,623	10,003	5,884
El Dorado	32,941	30,379	48,832	47,224	44,149	51,375	66,538	132,957	70,287	68,626	93,478	100,287	96,447	111,477
Fresno	145,083	166,446	179,205	220,147	242,851	341,430	322,726	251,909	314,157	358,106	310,354	380,163	377,030	360,175
Glenn	6,817	5,152	4,568	5,349	3,834	4,702	4,708	4,834	10,144	6,661	8,744	11,587	10,945	20,031
Humboldt	27,625	23,272	16,007	24,760	19,275	30,397	23,898	24,068	23,004	31,985	32,988	29,651	32,959	32,677
Imperial	15,454	23,058	18,181	22,754	29,581	243,289	62,005	15,052	47,352	52,927	104,735	66,063	71,955	94,067
Inyo	4,116	5,799	3,101	3,531	6,170	7,855	4,516	3,498	1,163	2,861	1,609	3,036	5,060	4,257
Kern	151,881	104,797	137,279	144,408	267,288	164,388	155,274	327,804	301,075	304,645	251,975	295,485	309,991	302,560
Kings	27,620	13,210	16,244	28,460	20,321	37,359	32,174	36,618	29,481	36,845	36,498	64,216	41,824	52,521
Lake	9,115	7,165	5,400	5,868	6,771	6,470	8,455	3,531	4,694	7,549	13,915	10,754	12,871	31,868
Lassen	1,686	6,136	4,056	3,334	4,010	13,043	1,968	2,568	13,316	6,710	6,344	11,364	14,375	8,543
Los Angeles	2,292,921	1,993,023	2,099,372	2,237,290	3,125,114	3,676,252	3,295,902	3,538,959	2,920,301	2,931,672	3,173,548	3,824,135	3,895,538	4,739,157
Madera	15,209	13,641	12,497	15,504	31,090	24,458	19,285	26,671	26,727	35,946	33,663	61,190	75,400	59,490
Marin	52,833	55,479	106,032	55,088	77,508	94,998	130,605	99,627	77,156	85,926	93,662	76,119	95,263	112,538
Mariposa	5,504	2,934	2,851	5,621	4,564	3,385	4,130	5,975	4,960	3,060	7,184	6,879	9,812	11,762
Mendocino	12,450	34,604	17,186	31,966	23,767	19,317	18,187	35,499	22,412	24,470	22,429	20,727	38,716	22,338
Merced	45,067	25,752	35,874	48,917	57,918	72,468	50,791	70,530	62,680	69,092	88,208	136,277	133,488	117,655
Modoc	1,643	1,280	1,711	893	1,553	1,645	3,032	869	2,152	1,853	3,023	3,898	3,128	2,875
Mono	2,244	3,961	1,020	2,278	21,484	3,985	6,299	2,432	6,741	6,752	18,653	10,770	6,358	11,737
Monterey	89,216	97,325	114,218	106,342	136,329	113,040	157,004	138,889	133,380	170,704	132,241	116,455	205,768	216,177
Napa	55,557	58,894	65,711	78,872	97,922	133,473	107,986	157,208	102,876	86,745	99,316	160,066	116,943	287,852
Nevada	14,578	12,633	13,182	19,308	19,666	29,475	25,766	31,473	22,798	24,294	23,732	35,532	48,476	55,372
Orange	560,556	582,712	760,810	1,079,688	1,529,698	1,614,422	1,762,142	1,349,607	1,208,626	1,005,547	1,132,848	1,494,759	2,400,569	2,005,198
Placer	98,068	106,021	118,022	158,899	213,860	278,830	234,874	219,716	255,053	256,299	331,369	369,758	417,257	478,565
Plumas	5,070	3,161	2,214	1,375	489	735	1,841	849	1,979	5,542	10,419	10,583	11,749	5,400
Riverside	243,470	333,725	317,530	516,953	590,938	611,160	769,911	658,039	741,143	908,377	1,339,867	1,292,072	1,529,838	1,458,141
Sacramento	337,683	291,622	315,186	485,215	566,536	568,875	528,845	574,928	535,163	657,045	654,407	735,192	748,075	888,311
San Benito	13,311	9,025	10,765	12,963	15,046	18,533	17,072	16,891	11,641	10,745	14,083	12,953	14,959	7,022
San Bernardino	368,012	411,131	397,628	527,366	642,910	758,616	766,421	764,931	731,849	811,851	1,144,676	1,102,470	1,321,880	1,366,224
San Diego	449,608	627,296	738,593	958,231	1,211,275	1,336,629	1,391,497	1,193,866	1,168,866	1,169,397	1,288,130	1,381,794	1,621,608	1,416,823
San Francisco	312,901	273,178	382,149	462,382	528,970	654,718	1,430,272	683,251	737,510	378,644	481,922	767,244	1,198,337	1,048,198
San Joaquin	116,910	134,314	134,125	205,675	218,824	305,517	331,104	297,514	317,556	398,869	380,990	433,374	435,913	614,978
San Luis Obispo	57,003	32,909	40,054	58,596	74,690	93,049	116,607	83,836	124,492	111,511	115,941	124,192	136,267	126,047
San Mateo	291,962	211,574	223,215	470,270	421,845	614,054	739,306	638,958	516,612	235,551	389,884	402,720	725,672	806,742
Santa Barbara	57,447	52,004	73,107	96,644	129,904	142,329	133,246	138,115	139,413	146,705	118,652	166,102	181,978	214,259
Santa Clara	681,761	876,586	1,293,185	1,914,710	1,881,958	1,855,947	2,865,860	2,254,823	1,330,560	972,923	915,827	1,285,719	1,534,190	1,986,221
Santa Cruz	34,740	34,205	36,946	45,709	109,088	61,881	44,384	47,912	30,097	36,602	37,611	49,300	51,658	62,612
Shasta	45,921	36,810	51,142	33,766	40,539	52,563	81,023	69,042	82,064	67,919	84,825	92,639	90,916	77,651
Sierra	223	324	432	131	1,491	220	425	280	541	399	1,002	874	1,268	889
Siskiyou	7,769	21,033	11,981	8,885	12,839	12,934	20,147	11,865	10,194	12,496	17,891	14,807	16,567	18,504
Solano	66,642	92,464	84,897	128,644	130,776	107,557	158,733	152,366	156,114	146,158	179,160	398,436	314,340	247,842
Sonoma	84,019	128,067	118,094	173,786	225,019	226,231	208,811	211,729	244,389	199,150	240,675	223,081	228,091	217,552
Stanislaus	92,845	94,231	114,054	102,704	158,373	148,546	256,725	219,613	202,194	243,340	291,922	335,783	349,715	305,696
Sutter	12,490	16,205	21,038	14,546	19,663	66,583	47,530	33,766	20,130	29,416	55,580	80,076	52,951	29,203
Tehama	10,845	9,538	10,307	12,560	13,348	10,130	10,880	13,014	13,409	22,338	40,170	20,517	21,581	29,338
Trinity	1,646	3,911	1,922	3,953	2,218	3,375	3,443	2,334	2,103	1,708	3,152	5,327	4,750	4,282
Tulare	73,619	85,376	65,491	80,974	97,843	122,214	117,796	98,274	87,447	132,951	163,744	195,676	205,937	249,640
Tuolumne	17,642	6,143	9,121	9,321	9,673	11,341	14,798	24,880	22,837	19,868	18,639	22,349	22,312	19,664
Ventura	157,061	187,023	186,330	200,494	291,425	366,683	282,119	308,804	288,565	379,481	353,293	371,506	325,606	345,781
Yolo	47,272	36,700	85,955	93,948	95,246	108,301	119,107	102,628	91,974	94,471	105,737	128,441	159,721	308,475
Yuba	4,398	5,169	8,158	9,914	8,585	13,253	13,523	11,562	25,048	17,261	18,868	11,591	17,851	16,076

Source: Construction Industry Research Board, http://www.cirbdata.com
Department of Finance, Economic Research Unit, (916) 322-2263, http://www.dof.ca.gov

TABLE I-9

GENERAL POPULATION AND HOUSING CHARACTERISTICS, CALIFORNIA: 2000 CENSUS

	Population			Total housing units				Occupied housing units					
						Vacancy rate (%)					Persons		
County	Total	House-holds a/	Group Quarters	Total	Vacant	Home owner	Rental	Total	Owner occupied	Renter occupied	per household	Median value b/	Median rent c/
California	33,871,648	33,051,894	819,754	12,214,549	711,679	1.4	3.7	11,502,870	6,546,334	4,956,536	2.87	$198,900	$747
Alameda	1,443,741	1,416,006	27,735	540,183	16,817	0.7	2.5	523,366	286,277	237,089	2.71	291,900	852
Alpine	1,208	1,207	1	1,514	1,031	0.9	8.4	483	330	153	2.50	181,000	659
Amador	35,100	30,519	4,581	15,035	2,276	1.9	4.4	12,759	9,629	3,130	2.39	153,700	685
Butte	203,171	197,327	5,844	85,523	5,957	2.1	5.2	79,566	48,336	31,230	2.48	116,200	563
Calaveras	40,554	40,129	425	22,946	6,477	2.1	6.2	16,469	12,967	3,502	2.44	156,300	599
Colusa	18,804	18,357	447	6,774	677	2.3	3.0	6,097	3,853	2,244	3.01	111,000	494
Contra Costa	948,816	937,479	11,337	354,577	10,448	0.8	2.7	344,129	238,449	105,680	2.72	253,800	898
Del Norte	27,507	23,674	3,833	10,434	1,264	3.0	10.6	9,170	5,852	3,318	2.58	101,500	519
El Dorado	156,299	155,247	1,052	71,278	12,339	1.2	5.8	58,939	44,019	14,920	2.63	191,500	702
Fresno	799,407	781,740	17,667	270,767	17,827	1.6	5.5	252,940	142,795	110,145	3.09	102,600	534
Glenn	26,453	26,065	388	9,982	810	1.5	8.2	9,172	5,855	3,317	2.84	97,800	458
Humboldt	126,518	122,445	4,073	55,912	4,674	1.7	4.7	51,238	29,534	21,704	2.39	128,500	537
Imperial	142,361	131,317	11,044	43,891	4,507	1.4	4.9	39,384	22,975	16,409	3.33	93,800	504
Inyo	17,945	17,788	157	9,042	1,339	1.8	6.9	7,703	5,076	2,627	2.31	128,500	516
Kern	661,645	631,675	29,970	231,564	22,912	2.6	8.2	208,652	129,609	79,043	3.03	89,400	518
Kings	129,461	109,332	20,129	36,563	2,145	1.8	5.6	34,418	19,253	15,165	3.18	96,500	533
Lake	58,309	57,220	1,089	32,528	8,554	4.1	10.3	23,974	16,914	7,060	2.39	105,600	567
Lassen	33,828	24,918	8,910	12,000	2,375	4.1	13.4	9,625	6,575	3,050	2.59	105,100	561
Los Angeles	9,519,338	9,344,086	175,252	3,270,909	137,135	1.6	3.3	3,133,774	1,499,744	1,634,030	2.98	201,400	704
Madera	123,109	115,009	8,100	40,387	4,232	1.7	4.5	36,155	23,934	12,221	3.18	118,300	562
Marin	247,289	235,803	11,486	104,990	4,340	0.7	2.2	100,650	64,024	36,626	2.34	493,300	1162
Mariposa	17,130	15,704	1,426	8,826	2,213	2.4	7.7	6,613	4,615	1,998	2.37	138,700	502
Mendocino	86,265	84,124	2,141	36,937	3,671	1.4	3.3	33,266	20,383	12,883	2.53	165,000	600
Merced	210,554	207,699	2,855	68,373	4,558	1.4	4.2	63,815	37,483	26,332	3.25	110,900	518
Modoc	9,449	9,037	412	4,807	1,023	5.1	9.3	3,784	2,675	1,109	2.39	72,900	429
Mono	12,853	12,495	358	11,757	6,620	2.1	20.9	5,137	3,084	2,053	2.43	189,500	682
Monterey	401,762	380,786	20,976	131,708	10,472	1.4	2.9	121,236	66,213	55,023	3.14	254,800	776
Napa	124,279	119,046	5,233	48,554	3,152	1.3	2.8	45,402	29,554	15,848	2.62	242,200	818
Nevada	92,033	91,167	866	44,282	7,388	1.3	3.1	36,894	27,958	8,936	2.47	199,300	746
Orange	2,846,289	2,803,924	42,365	969,484	34,197	0.9	3.0	935,287	574,456	360,831	3.00	253,000	923
Placer	248,399	245,511	2,888	107,302	13,920	1.2	6.4	93,382	68,372	25,010	2.63	208,800	780
Plumas	20,824	20,636	188	13,386	4,386	2.9	9.9	9,000	6,301	2,699	2.29	128,800	525
Riverside	1,545,387	1,511,034	34,353	584,674	78,456	2.5	7.2	506,218	348,532	157,686	2.98	135,000	660
Sacramento	1,223,499	1,198,004	25,495	474,814	21,212	1.4	4.8	453,602	263,819	189,783	2.64	141,100	659
San Benito	53,234	52,727	507	16,499	614	1.0	2.7	15,885	10,830	5,055	3.32	283,900	765

TABLE I-9 (Continued)

GENERAL POPULATION AND HOUSING CHARACTERISTICS, CALIFORNIA: 2000 CENSUS

	Population			Total housing units				Occupied housing units					
						Vacancy rate (%)					Persons		
County	Total	House-holds a/	Group Quarters	Total	Vacant	Home owner	Rental	Total	Owner occupied	Renter occupied	per household	Median value b/	Median rent c/
San Bernardino	1,709,434	1,664,402	45,032	601,369	72,775	3.1	7.3	528,594	340,933	187,661	3.15	124,900	648
San Diego	2,813,833	2,716,820	97,013	1,040,149	45,472	1.0	3.1	994,677	551,461	443,216	2.73	212,000	761
San Francisco	776,733	756,976	19,757	346,527	16,827	0.8	2.5	329,700	115,391	214,309	2.30	422,700	928
San Joaquin	563,598	544,827	18,771	189,160	7,531	1.2	3.8	181,629	109,667	71,962	3.00	139,800	617
San Luis Obispo	246,681	231,110	15,571	102,275	9,536	1.1	3.2	92,739	57,001	35,738	2.49	218,600	719
San Mateo	707,161	696,711	10,450	260,576	6,473	0.5	1.8	254,103	156,133	97,970	2.74	449,900	1144
Santa Barbara	399,347	382,730	16,617	142,901	6,279	0.8	2.8	136,622	76,611	60,011	2.80	264,100	830
Santa Clara	1,682,585	1,652,871	29,714	579,329	13,466	0.5	1.8	565,863	338,661	227,202	2.92	422,600	1185
Santa Cruz	255,602	246,574	9,028	98,873	7,734	0.8	2.5	91,139	54,681	36,458	2.71	353,300	924
Shasta	163,256	159,897	3,359	68,810	5,384	2.2	5.9	63,426	41,910	21,516	2.52	112,900	563
Sierra	3,555	3,519	36	2,202	682	0.7	11.3	1,520	1,074	446	2.32	128,200	513
Siskiyou	44,301	43,611	690	21,947	3,391	3.0	9.2	18,556	12,472	6,084	2.35	98,800	471
Solano	394,542	378,568	15,974	134,513	4,110	0.9	3.7	130,403	84,994	45,409	2.90	174,900	797
Sonoma	458,614	447,512	11,102	183,153	10,750	0.8	2.4	172,403	110,475	61,928	2.60	265,200	864
Stanislaus	446,997	439,508	7,489	150,807	5,661	1.3	3.2	145,146	89,886	55,260	3.03	123,900	611
Sutter	78,930	77,547	1,383	28,319	1,286	1.5	4.8	27,033	16,632	10,401	2.87	119,900	506
Tehama	56,039	55,034	1,005	23,547	2,534	2.3	8.6	21,013	14,214	6,799	2.62	97,000	486
Trinity	13,022	12,780	242	7,980	2,393	3.8	8.5	5,587	3,981	1,606	2.29	103,300	487
Tulare	368,021	361,980	6,041	119,639	9,254	1.8	5.8	110,385	67,913	42,472	3.28	96,500	516
Tuolumne	54,501	49,665	4,836	28,336	7,332	2.2	6.9	21,004	14,978	6,026	2.36	143,600	611
Ventura	753,197	739,985	13,212	251,712	8,478	0.9	2.6	243,234	164,380	78,854	3.04	238,800	892
Yolo	168,660	161,145	7,515	61,587	2,212	0.9	3.4	59,375	31,506	27,869	2.71	164,400	687
Yuba	60,219	58,885	1,334	22,636	2,101	1.8	6.7	20,535	11,105	9,430	2.87	89,500	488

a/ Includes all persons who occupy a housing unit.

b/ Value is the census respondent's estimate of how much the property (house/mobile home/condominium and lot) would sell for if it were for sale.

c/ Rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

Source: U. S. Department of Commerce, Bureau of the Census, 2000 Census of Population and Housing.
http://www.census.gov/

Department of Finance
Demographic Research
(916) 322-4651

TABLE I-10

POPULATION AND HOUSING CHARACTERISTICS, CALIFORNIA: JANUARY 1, 2008 a/

	Population			Housing units								
					Single							Persons per
County	Total	House-holds b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	house-hold e/
California	38,049,462	37,178,510	870,952	13,444,455	7,712,449	965,671	1,064,854	3,106,519	594,962	12,653,634	5.88	2.938
Alameda	1,543,000	1,514,193	28,807	570,619	303,613	39,742	62,584	157,025	7,655	553,501	3.00	2.736
Alpine	1,222	1,221	1	1,748	1,014	51	35	586	62	556	68.19	2.196
Amador	37,943	33,713	4,230	17,345	14,078	409	458	804	1,596	14,964	13.73	2.253
Butte	220,407	213,968	6,439	95,692	58,749	2,436	8,045	10,615	15,847	89,506	6.46	2.391
Calaveras	46,127	45,674	453	27,803	23,548	573	531	355	2,796	19,973	28.16	2.287
Colusa	21,910	21,490	420	7,763	5,804	229	418	463	849	7,002	9.80	3.069
Contra Costa	1,051,674	1,040,275	11,399	397,499	264,592	32,057	26,016	67,211	7,623	385,733	2.96	2.697
Del Norte	29,419	25,498	3,921	11,100	6,570	188	799	584	2,959	9,752	12.14	2.615
El Dorado	179,722	178,671	1,051	83,275	67,596	1,833	3,655	5,814	4,377	69,251	16.84	2.580
Fresno	931,098	911,231	19,867	308,403	206,494	10,169	25,497	52,248	13,995	288,552	6.44	3.158
Glenn	29,195	28,801	394	10,804	7,543	222	787	700	1,552	9,936	8.03	2.899
Humboldt	132,821	128,424	4,397	59,370	40,843	1,610	5,895	4,845	6,177	54,389	8.39	2.361
Imperial	176,158	164,421	11,737	55,599	34,235	2,124	3,888	7,497	7,855	49,484	11.00	3.323
Inyo	18,152	17,871	281	9,277	5,536	215	407	480	2,639	7,903	14.81	2.261
Kern	817,517	779,206	38,311	276,602	193,696	8,550	23,096	25,069	26,191	249,380	9.84	3.125
Kings	154,434	130,698	23,736	42,161	29,696	2,737	2,982	4,494	2,252	39,767	5.68	3.287
Lake	64,059	62,858	1,201	35,348	22,129	863	940	1,091	10,325	26,042	26.33	2.414
Lassen	35,757	25,928	9,829	13,067	8,989	352	508	531	2,687	10,546	19.29	2.459
Los Angeles	10,363,850	10,183,439	180,411	3,403,480	1,642,973	244,606	292,421	1,166,794	56,686	3,260,434	4.20	3.123
Madera	150,887	141,569	9,318	49,372	38,773	1,336	2,497	3,026	3,740	44,353	10.17	3.192
Marin	257,406	246,762	10,644	108,538	65,793	8,624	9,791	22,199	2,131	104,113	4.08	2.370
Mariposa	18,406	16,961	1,445	10,347	6,336	648	214	383	2,766	7,754	25.06	2.187
Mendocino	90,163	87,896	2,267	39,563	27,958	1,163	2,202	2,782	5,458	35,598	10.02	2.469
Merced	255,250	250,430	4,820	84,631	62,684	2,551	5,409	8,246	5,741	78,952	6.71	3.172
Modoc	9,702	9,292	410	5,166	3,506	88	97	159	1,316	4,058	21.45	2.290
Mono	13,759	13,383	376	13,691	5,251	1,259	2,187	3,915	1,079	6,069	55.67	2.205
Monterey	428,549	407,282	21,267	140,296	86,242	12,587	12,157	23,310	6,000	129,271	7.86	3.151
Napa	136,704	131,021	5,683	53,950	36,246	3,585	3,738	6,400	3,981	50,588	6.23	2.590
Nevada	99,186	98,212	974	50,364	41,027	964	1,986	2,512	3,875	41,658	17.29	2.358
Orange	3,121,251	3,077,295	43,956	1,030,289	519,755	128,489	91,146	258,801	32,098	995,989	3.33	3.090
Placer	333,401	330,151	3,250	147,408	114,893	4,738	6,338	16,694	4,745	131,707	10.65	2.507
Plumas	20,917	20,729	188	15,457	11,912	447	375	396	2,327	10,368	32.92	1.999
Riverside	2,088,322	2,052,807	35,515	773,331	512,205	46,960	33,104	94,636	86,426	671,036	13.23	3.059
Sacramento	1,424,415	1,398,950	25,465	551,219	354,371	34,360	36,960	109,747	15,781	527,592	4.29	2.652
San Benito	57,784	57,277	507	17,769	13,798	1,034	1,137	921	879	17,102	3.75	3.349

TABLE I-10 (Continued)

POPULATION AND HOUSING CHARACTERISTICS, CALIFORNIA: JANUARY 1, 2008 a/

	Population			Housing units								Persons per
					Single							
County	Total	House-holds b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	house-hold e/
San Bernardino	2,055,766	2,003,608	52,158	685,642	483,447	28,459	40,321	88,714	44,701	606,005	11.61	3.306
San Diego	3,146,274	3,040,956	105,318	1,138,857	582,188	98,809	83,503	326,475	47,882	1,088,700	4.40	2.793
San Francisco	824,525	803,419	21,106	361,777	63,046	48,700	82,038	167,433	560	344,792	4.69	2.330
San Joaquin	685,660	669,102	16,558	227,339	164,378	11,689	13,765	27,776	9,731	218,390	3.94	3.064
San Luis Obispo	269,337	253,273	16,064	116,171	76,414	6,815	9,002	11,820	12,120	105,391	9.28	2.403
San Mateo	739,469	729,012	10,457	268,301	153,583	22,937	18,575	69,607	3,599	263,252	1.88	2.769
Santa Barbara	428,655	410,465	18,190	154,452	90,185	11,602	13,858	30,063	8,744	147,855	4.27	2.776
Santa Clara	1,837,075	1,806,031	31,044	622,779	336,196	55,834	46,932	164,151	19,666	608,652	2.27	2.967
Santa Cruz	266,519	256,571	9,948	104,479	65,650	9,213	8,641	13,720	7,255	96,311	7.82	2.664
Shasta	182,236	178,790	3,446	77,118	52,672	1,525	5,876	5,683	11,362	71,107	7.79	2.514
Sierra	3,380	3,344	36	2,289	1,898	49	47	63	232	1,585	30.76	2.110
Siskiyou	45,971	45,228	743	24,044	16,781	499	1,134	1,497	4,133	20,311	15.53	2.227
Solano	426,757	411,084	15,673	152,041	108,624	7,291	10,668	20,782	4,676	146,191	3.85	2.812
Sonoma	484,470	472,254	12,216	197,907	134,808	14,842	12,501	24,319	11,437	186,568	5.73	2.531
Stanislaus	525,903	518,103	7,800	176,622	131,959	7,753	11,319	16,260	9,331	170,036	3.73	3.047
Sutter	95,878	94,372	1,506	33,491	24,657	1,203	1,915	4,003	1,713	31,988	4.49	2.950
Tehama	62,419	61,402	1,017	27,308	16,614	522	1,447	1,663	7,062	24,343	10.86	2.522
Trinity	13,966	13,723	243	8,482	5,613	112	108	144	2,505	5,938	29.99	2.311
Tulare	435,254	429,387	5,867	139,359	104,229	4,915	10,109	8,544	11,562	128,936	7.48	3.330
Tuolumne	56,799	51,904	4,895	30,521	23,328	662	1,194	1,098	4,239	22,634	25.84	2.293
Ventura	831,587	817,920	13,667	276,320	176,979	28,131	17,181	41,698	12,331	266,885	3.41	3.065
Yolo	199,066	190,277	8,789	73,138	42,189	5,019	4,790	17,423	3,717	70,575	3.50	2.696
Yuba	71,929	70,688	1,241	27,672	18,563	1,291	1,630	2,250	3,938	24,310	12.15	2.908

a/ Estimate.
b/ Number of persons living in occupied housing units, or households.
c/ Includes persons living in mobile homes.
d/ Not included in households.
e/ Population in households divided by the number of occupied housing units.

Department of Finance
Demographic Research Unit
(916) 322-4651
http://www.dof.ca.gov/

TABLE I-11

MEDIAN SALES PRICE OF EXISTING SINGLE-FAMILY HOMES, BY REGION
CALIFORNIA, 1982-2007

Year	Statewide	Los Angeles	San Diego	San Francisco	Orange County	Central Valley	Palm Springs/ Lower Desert	High Desert	San Luis Obispo
1982	$111,800	$119,259	$102,665	$128,090	$129,641	$72,200	$85,197	--	--
1983	114,370	118,543	103,077	133,730	131,456	73,210	94,909	--	--
1984	114,260	121,270	104,417	134,131	130,668	74,600	90,353	--	--
1985	119,860	124,787	111,517	145,129	132,758	75,600	84,751	--	--
1986	133,640	135,393	123,003	166,318	144,441	77,310	87,972	--	--
1987	142,060	146,630	134,073	176,796	163,218	82,410	95,714	--	--
1988	168,200	178,889	153,410	212,863	203,860	87,190	97,952	--	--
1989	196,120	214,831	181,922	260,722	241,708	97,370	112,629	$92,700	$164,150
1990	193,770	212,130	183,210	259,000	242,358	116,330	118,410	105,090	201,730
1991	200,660	218,580	187,510	262,420	239,680	118,730	122,990	112,250	190,980
1992	197,030	210,790	183,110	259,250	230,860	119,430	125,140	111,040	181,210
1993	188,240	195,430	176,930	256,200	217,210	115,890	120,580	108,440	182,520
1994	185,010	189,170	176,010	255,580	214,540	113,370	120,600	101,310	169,900
1995	178,160	179,900	171,600	254,610	209,400	108,410	115,140	97,340	162,980
1996	177,270	172,886	174,450	267,260	213,370	107,480	110,630	96,920	166,090
1997	186,490	176,517	185,210	286,470	229,840	109,140	121,110	96,380	179,270
1998	200,100	191,700	207,100	321,070	261,700	114,980	132,840	95,170	180,880
1999	217,510	198,980	231,630	363,200	280,900	120,600	133,330	84,340	208,290
2000	241,350	215,900	269,410	454,560	316,240	133,380	149,300	93,070	248,310
2001	262,350	241,370	298,610	475,890	355,620	157,250	180,990	111,660	282,170
2002	316,130	290,030	364,240	517,060	412,650	189,210	213,840	129,570	326,710
2003	371,520	355,340	424,880	558,100	487,020	225,210	251,530	157,300	381,750
2004	450,770	446,380	551,640	641,650	627,270	279,530	335,570	223,150	443,090
2005	522,670	529,010	604,250	715,730	691,940	347,200	375,280	291,830	553,780
2006	556,430	584,820	601,760	752,820	709,000	362,910	369,700	330,380	580,800
2007	558,100	589,150	588,700	805,400	699,590	330,500	371,840	296,380	570,770

Year	Northern California	Northern Wine Country	Monterey	Ventura	Riverside/ San Bernardino	Santa Barbara	Sacramento	Santa Clara
1982	$87,610	$91,697	$113,890	$130,890	$78,770	$131,333	--	--
1983	85,650	94,723	112,585	128,664	80,424	131,743	--	--
1984	87,448	n.a.	120,740	120,687	81,551	132,022	$76,138	--
1985	89,661	98,077	129,119	128,531	85,058	134,979	77,843	--
1986	92,098	111,023	146,057	142,155	92,117	153,289	82,308	--
1987	93,672	119,128	161,787	159,072	96,170	149,084	86,865	--
1988	102,426	132,470	185,658	204,318	106,729	204,984	94,640	--
1989	115,075	160,802	232,191	247,658	124,122	233,071	111,690	$275,270
1990	143,801	179,178	237,732	238,792	132,127	219,578	137,460	268,890
1991	135,020	185,740	233,660	234,930	135,400	215,760	135,500	256,640
1992	137,600	194,030	226,280	222,510	136,230	219,530	133,950	248,260
1993	138,800	190,640	222,750	211,600	134,480	209,340	127,500	246,510
1994	136,960	188,760	225,060	206,640	129,110	217,870	124,970	254,390
1995	136,830	189,250	226,510	199,900	120,950	208,210	119,480	255,260
1996	137,250	182,350	234,250	205,720	115,240	211,940	115,310	273,830
1997	141,840	191,340	259,000	219,300	114,340	242,220	116,100	316,250
1998	150,300	211,740	283,370	233,770	121,500	243,670	123,780	364,740
1999	161,830	245,600	333,810	254,950	128,670	272,740	131,500	399,380
2000	179,120	304,960	403,610	295,080	138,560	302,260	145,200	521,240
2001	196,510	344,800	426,270	322,560	156,690	335,540	173,150	524,320
2002	236,730	374,610	451,220	372,400	176,460	376,350	210,230	547,500
2003	283,990	425,490	491,600	462,520	220,940	427,850	247,350	550,000
2004	352,060	495,120	614,490	599,280	296,350	551,680	316,950	628,000
2005	419,030	621,170	705,690	668,140	372,880	675,840	375,760	739,000
2006	409,460	620,040	713,900	685,960	400,660	752,260	374,530	775,000
2007	381,850	589,050	731,190	673,940	381,390	801,360	342,730	836,775

Central Valley: Bakersfield, Central Valley, Fresno, Kern River/Lake Isabella, Lodi, Merced, and Sacramento
High Desert Area: Greater Antelope Valley, Barstow, and Victor Valley
Los Angeles: Arcadia, Beverly Hills/Greater Los Angeles, Burbank, Citrus Valley, Downey, Glendale, Inglewood, Malibu, Montebello, Pacific West (L.A.), Palos Verdes, Pasadena/Foothill, Rancho Southeast, South Bay, Southland Regional, Southwest Los Angeles, West San Gabriel Valley, and Tri-Counties
Monterey: Monterey Peninsula and Santa Cruz
Northern California: Chico, Humboldt, Lake County, Paradise, Placer, Shasta, Siskiyou, and Tahoe Sierra
Northern Wine Country: Coastal Mendocino and North Bay (Napa and Sonoma)
Orange County: Newport Beach, Orange County and Pacific West (Orange)
Palm Springs/Lower Desert: California Desert, Desert Communities, and Palm Springs
Riverside/San Bernardino: Corona-Norco, Inland Valleys, Rim of the World, and South West Riverside
San Diego: Coronado, East San Diego, North San Diego, Pacific Southwest and San Diego
San Francisco Bay Area: Alameda, Bay East, Berkeley, Contra-Costa, Marin, North Solano, Oakland, San Benito, San Francisco, San Mateo, Santa Clara and Solano
Santa Barbara: Lompoc, Santa Barbara and Santa Maria
San Luis Obispo: Atascadero, Paso Robles, Pismo Coast, and San Luis Obispo
Ventura: Conejo Valley, Simi Valley/Moorpark, and Ventura County Coastal
n.a. Not available

Note: Movement in regional sales prices should not be interpreted as measuring changes in the cost of a standard home.
Prices are influenced by changes in costs and variations in the characteristics and size of homes actually sold.

California Association of Realtors, Research and Economics, (213) 739-8200, http://www.car.org.

SECTION J
TRANSPORTATION AND PUBLIC UTILITIES

This section presents selected transportation statistics and data summarizing the operations of public utilities.

The statistical data relating to highway transportation provide information on mileage, fuel distribution, construction and maintenance mileage, vehicle registrations, licensed drivers, and accidents.

Additional travel related information may be obtained from "Travel and Related Factors in California", published annually by the Department of Transportation, Office of Traffic Improvement.

In addition, this section contains California's electrical energy generation and sample utility bills for selected cities.

TABLE J-1

MILEAGE OF MAINTAINED PUBLIC ROADS IN EACH COUNTY BY JURISDICTION, 2007

County	City Roads	County Roads	State Highway	Federal Agencies	State Agencies	Local Agencies	Other Agencies	Total
Alameda	2,979.85	474.90	211.84	3.91	1.00	0.40	0.49	3,672.38
Alpine	-	134.96	82.71	65.71	3.95	-	-	287.33
Amador	74.30	411.05	127.45	60.59	1.15	-	-	674.54
Butte	420.47	1,293.87	181.31	156.24	54.80	-	-	2,106.68
Calaveras	31.68	686.32	149.43	128.00	59.25	-	-	1,054.68
Colusa	42.70	716.99	114.79	55.83	1.81	-	-	932.12
Contra Costa	2,359.46	656.51	110.92	0.82	75.84	-	-	3,203.55
Del Norte	32.71	301.52	92.36	367.89	47.22	-	-	841.70
El Dorado	170.08	1,075.50	167.61	564.66	176.44	-	-	2,154.30
Fresno	2,464.84	3,563.16	529.44	547.28	29.00	-	-	7,133.71
Glenn	70.78	863.47	110.26	78.93	-	-	-	1,123.44
Humboldt	276.60	1,205.06	336.70	537.93	96.86	-	0.20	2,453.35
Imperial	379.00	2,561.57	410.48	64.87	18.70	-	-	3,434.62
Inyo	15.24	1,133.10	424.42	317.96	-	-	-	1,890.72
Kern	2,139.43	3,321.51	873.49	168.50	6.52	-	-	6,509.45
Kings	365.88	946.01	158.85	48.06	-	-	-	1,518.80
Los Angeles	17,140.26	2,967.83	860.18	261.64	132.81	-	-	21,362.71
Lake	181.27	615.19	135.77	91.15	45.19	-	-	1,068.57
Lassen	52.01	878.64	303.45	390.23	-	-	-	1,624.33
Madera	188.42	1,532.06	130.73	379.46	-	-	-	2,230.67
Marin	610.26	415.83	90.51	27.93	80.72	-	1.60	1,226.85
Mariposa	-	560.41	117.11	195.67	-	-	-	873.20
Mendocino	106.78	1,018.92	381.58	148.13	208.00	-	-	1,863.40
Merced	449.46	1,728.45	255.59	24.20	33.23	-	-	2,490.93
Modoc	36.11	988.29	177.59	555.70	-	-	-	1,757.69
Mono	47.93	684.42	315.50	370.41	9.30	-	-	1,427.56
Monterey	696.78	1,240.47	288.77	133.10	38.72	-	-	2,397.84
Napa	293.92	443.67	111.92	16.90	7.34	-	-	873.76
Nevada	232.54	559.68	128.87	174.96	44.40	-	-	1,140.45
Orange	5,921.28	245.31	292.10	23.29	17.91	-	-	6,499.88
Placer	848.00	1,055.91	154.33	316.78	9.10	-	-	2,384.11
Plumas	21.57	695.76	182.36	940.34	15.80	-	-	1,855.83
Riverside	4,364.76	2,668.26	695.00	281.09	68.64	-	24.90	8,102.64
Sacramento	2,349.82	2,185.62	213.91	2.28	6.17	-	-	4,757.80
San Benito	37.70	383.63	90.08	5.39	306.40	-	-	823.20
San Bernardino	5,627.63	2,816.13	1,198.88	680.00	32.18	-	-	10,354.82
San Diego	5,517.24	1,921.25	616.58	811.79	677.02	-	2.27	9,546.14
San Francisco	855.20	-	32.69	36.60	2.42	-	1.78	928.70
San Joaquin	1,397.99	1,674.17	261.47	-	48.71	-	-	3,382.33
San Luis Obispo	592.56	1,321.49	366.39	42.50	22.26	-	-	2,345.21
San Mateo	1,513.88	313.12	232.60	-	34.94	-	-	2,094.53
Santa Barbara	823.52	892.68	299.12	450.58	31.98	-	0.46	2,498.35
Santa Clara	3,796.94	671.20	264.45	22.00	137.10	-	0.38	4,892.06
Santa Cruz	288.20	602.94	125.48	0.36	121.49	-	2.71	1,141.18
Shasta	513.47	1,183.05	313.90	504.61	116.04	-	-	2,631.07
Sierra	7.20	390.25	97.58	298.31	-	-	-	793.34
Siskiyou	162.25	1,361.34	349.52	1,497.98	-	-	-	3,371.09
Solano	1,177.38	586.55	157.70	1.17	2.25	-	-	1,925.05
Sonoma	955.61	1,383.56	251.02	19.70	91.63	-	-	2,701.52
Stanislaus	1,244.59	1,546.07	182.90	9.40	19.14	-	-	3,002.10
Sutter	242.76	783.06	83.55	-	-	-	-	1,109.36
Tehama	108.30	1,093.84	208.50	285.90	2.13	-	-	1,698.67
Trinity	-	692.30	200.93	780.78	0.13	-	-	1,674.14
Tulare	927.32	3,047.10	352.48	514.53	34.75	-	-	4,876.18
Tuolumne	27.61	607.60	151.14	345.37	2.16	-	-	1,133.89
Ventura	1,829.58	544.05	273.15	271.98	55.95	-	-	2,974.71
Yolo	491.08	795.68	177.87	1.10	-	-	3.26	1,468.99
Yuba	67.70	650.59	64.38	75.29	-	-	-	857.96
Total	73,569.89	65,091.85	15,269.63	14,155.76	3,028.55	0.40	38.05	171,154.13

California Department of Transportation, Transportation System Information Program, (916) 653-3272, http://www.dot.ca.gov/

TABLE J-2

CALIFORNIA STATE HIGHWAY MILEAGE BY
AVERAGE DAILY TRAFFIC VOLUME AND
ROAD SURFACE TYPE, DECEMBER 31, 2007 a/

	Total	Rural	Urban
Annual average daily traffic volume group:			
Under 1,000 vehicles	1,680	1,660	20
1,000- 4,999	4,410	4,214	197
5,000- 14,999	3,276	2,699	577
15,000- 29,999	1,995	1,187	808
30,000- 49,999	1,202	649	552
50,000- 99,999	1,029	282	747
100,000- 199,999	1,089	138	950
200,000 and over	616	1	615
Total	15,296	10,830	4,466
Road surface type:			
Pavement Type			
High Type Flexible	8,860	3,871	4,989
High Type Rigid	3,997	580	3,417
Intermediate Type Flexible	461	133	328
High Type Composite	1,978	489	1,489
Grand Total	15,296	5,073	10,223

a/ Centerline mileage based on federal criteria --both streets are included in couplet mileage, also includes mileage to be relinquished to cities and counties at a future date.

California Department of Transportation
Transportation Sytem Information Program
(916) 653-3272
http://www.dot.ca.gov/

TABLE J-3

DISTRIBUTION OF FEE-PAID REGISTRATIONS
BY TYPE AND YEAR FIRST REGISTERED
CALIFORNIA, 2007 a/
(Cumulative percent)

Vehicle age; Less than:	Auto	Commer-cial	Trailers	Motor-cycles
1 year	11.40	8.87	7.84	15.34
2 years	21.73	17.98	16.47	28.14
3 years	31.11	27.25	24.84	39.10
4 years	39.54	35.49	32.40	48.12
5 years	47.03	42.71	38.67	55.86
6 years	53.85	49.24	43.16	62.42
7 years	60.22	55.53	47.15	68.18
8 years	66.15	61.36	51.03	72.77
9 years	71.24	66.27	54.76	76.06
10 years	75.40	70.14	57.83	78.51
11 years	78.90	73.38	60.55	80.56
12 years	81.88	76.23	63.10	82.32
13 years	84.49	78.69	65.70	83.84
14 years	86.81	80.98	68.04	85.19
15 years	88.72	82.89	70.01	86.40
16 years	90.34	84.55	71.86	87.45
17 years	91.81	86.11	73.52	88.51
18 years	93.24	87.85	75.41	89.52
19 years	94.39	89.55	76.87	90.35
20 years	95.25	90.87	78.42	91.12
21 years	95.90	92.05	80.46	91.97
22 years	96.50	93.24	82.15	92.89
23 years	96.93	94.19	83.53	93.79
24 years	97.24	94.85	84.75	94.62
25 years	97.47	95.28	85.69	95.33
All Years	100.00	100.00	100.00	100.00

a/ Not necessarily the manufactured model year. Includes all registered vehicles which paid dues regardless of the model year used to determine fees.

Source: "Year First Sold Report Vehicles Currently Registered" as of March 31, 2008

Department of Motor Vehicles
Forecasting Unit
(916) 657-8008
http://www.dmv.ca.gov/

TABLE J-4

ESTIMATED FEE-PAID VEHICLE REGISTRATIONS BY COUNTY, CALIFORNIA
AS OF DECEMBER 31, 2007

County	Autos	Trucks	Trailers	Motorcycles	Total
Alameda	934,976	200,470	67,124	29,998	1,232,568
Alpine	1,036	545	344	63	1,988
Amador	27,158	15,459	9,731	1,956	54,304
Butte	120,982	54,852	41,882	6,178	223,894
Calavaras	34,241	20,440	14,267	2,685	71,633
Colusa	11,523	7,619	7,317	437	26,896
Contra Costa	670,410	153,803	67,621	24,751	916,585
Del Norte	14,292	6,936	5,140	752	27,120
El Dorado	122,360	50,190	43,773	7,935	224,258
Fresno	432,480	175,775	86,720	18,375	713,350
Glenn	15,386	9,796	8,283	713	34,178
Humboldt	75,883	40,749	23,947	4,354	144,933
Imperial	87,032	38,152	18,000	1,790	144,974
Inyo	13,161	7,933	5,081	854	27,029
Kern	374,408	184,809	94,845	17,456	671,518
Kings	60,120	27,236	13,585	2,777	103,718
Lake	43,471	22,423	15,807	2,833	84,534
Lassen	16,015	10,461	9,409	999	36,884
Los Angeles	5,933,335	1,188,050	325,555	139,842	7,586,782
Madera	67,717	34,523	22,203	3,768	128,211
Marin	187,531	34,621	13,556	7,245	242,953
Mariposa	13,420	8,258	5,644	978	28,300
Mendocino	56,049	32,508	18,612	3,680	110,849
Merced	117,331	53,943	26,889	4,642	202,805
Modoc	5,248	4,387	3,639	202	13,476
Mono	8,488	4,514	3,281	557	16,840
Monterey	230,036	78,447	32,663	8,007	349,153
Napa	86,303	31,747	16,475	3,686	138,211
Nevada	69,409	31,116	23,404	4,949	128,878
Orange	1,941,224	426,449	118,223	55,708	2,541,604
Placer	233,873	79,680	46,446	12,148	372,147
Plumas	15,679	9,740	8,635	951	35,005
Riverside	1,109,122	389,835	159,219	41,820	1,699,996
Sacramento	802,510	226,073	105,769	31,641	1,165,993
San Benito	30,950	14,694	7,431	2,117	55,192
San Bernardino	1,074,771	378,481	171,231	42,879	1,667,362
San Diego	1,895,878	500,458	172,486	68,264	2,637,086
San Francisco	382,341	64,147	7,759	19,417	473,664
San Joaquin	351,685	128,709	75,991	14,072	570,457
San Luis Obispo	166,582	67,797	40,325	10,357	285,061
San Mateo	574,172	95,232	21,585	15,637	706,626
Santa Barbara	248,251	80,652	30,570	11,104	370,577
Santa Clara	1,191,664	214,263	65,244	35,639	1,506,810
Santa Cruz	161,219	52,476	18,758	9,315	241,768
Shasta	106,791	56,095	47,751	7,543	218,180
Sierra	2,491	1,627	1,089	158	5,365
Siskiyou	30,283	18,888	14,353	1,670	65,194
Solano	252,242	76,211	34,629	12,090	375,172
Sonoma	304,174	113,057	51,359	15,973	484,563
Stanislaus	266,490	112,622	60,302	11,863	451,277
Sutter	50,466	22,993	16,746	2,183	92,388
Tehama	31,158	18,906	15,893	1,662	67,619
Trinity	8,731	5,926	4,853	640	20,150
Tulare	191,979	95,868	47,167	8,126	343,140
Tuolumne	38,133	21,841	13,349	2,874	76,197
Ventura	528,503	150,388	53,186	23,433	755,510
Yolo	102,685	38,565	23,302	4,071	168,623
Yuba	35,604	17,142	11,810	1,895	66,451
Out of State	127,141	41,270	104,170	4,812	277,393
Interstate registration program a/		1,492,362			1,492,362
Miscellaneous vehicles b/					23,939
Total fee paid registrations	22,086,593	7,542,209	2,574,428	772,524	32,999,693
Fee exempt registrations	196,747	263,545	62,833	16,668	539,793
Total	22,283,340	7,805,754	2,637,261	789,192	33,539,486

a/ Vehicles based in other states which pay fees to operate in California.

b/ Includes historical vehicles, spec/farm equipment, etc.

Department of Motor Vehicles
Forecasting Unit
(916) 657-8008
http://www.dmv.ca.gov/

TABLE J-5

REGISTRATION OF MOTOR VEHICLES AND TRAILERS
WHICH PAID FEES BY TYPE OF VEHICLE
CALIFORNIA, 1971 TO 2007

Year	Passenger vehicles	Commercial vehicles	Trailers and semi-trailers b/	Motor-cycles	New fee paid automobile registrations a/
1971	10,375,354	1,758,685	1,418,022	608,180	1,004,373
1972	10,744,981	1,835,260	1,537,201	611,580	1,076,433
1973	11,141,520	1,946,649	1,638,966	624,695	1,167,269
1974	11,061,869	2,107,998	1,751,824	665,273	830,532
1975	11,119,563	2,454,856	1,789,859	661,231	807,983
1976	11,397,001	2,588,025	1,867,673	660,977	916,875
1977	11,883,719	2,690,495	1,967,479	671,644	1,123,042
1978	12,319,392	2,892,616	2,102,224	655,950	1,184,577
1979	12,612,177	3,083,028	2,182,794	713,820	1,127,147
1980	13,161,470	3,254,970	2,209,203	737,774	960,708
1981	13,095,045	3,435,732	1,794,002	731,310	920,149
1982	13,292,130	3,404,991	1,742,781	678,174	851,809
1983	13,803,673	3,512,284	1,726,635	695,813	1,031,673
1984	13,961,551	3,706,832	1,775,168	695,251	1,188,419
1985	14,584,092	3,847,202	2,086,014	702,782	1,268,036
1986	15,213,447	4,359,108	2,126,383	699,239	1,423,722
1987	15,559,586	4,545,444	2,178,635	674,742	1,432,378
1988	16,338,030	4,712,921	2,289,548	653,553	1,461,173
1989	16,555,159	5,060,518	2,460,632	631,586	1,457,370
1990	16,800,812	5,181,076	2,437,734	628,860	1,442,469
1991	17,052,955	5,248,880	2,551,347	639,388	1,314,788
1992	16,973,789	5,265,131	2,581,566	583,222	1,214,723
1993	17,099,326	5,236,628	2,677,418	557,986	1,247,601
1994	16,949,468	5,324,988	2,705,284	527,686	1,294,286
1995	17,262,533	5,366,373	2,777,873	518,120	1,311,340
1996	17,546,633	5,466,710	2,855,928	511,637	1,342,785
1997	16,754,719	5,666,601	2,837,906	391,080	1,360,233
1998	17,932,382	5,376,805	3,005,910	397,032	1,449,441
1999	18,331,938	5,775,809	3,015,323	413,676	1,630,613
2000	19,094,122	6,008,233	3,140,930	450,030	1,776,939
2001	19,717,249	6,463,210	3,075,748	495,271	1,752,259
2002	20,482,295	6,392,409	2,513,846	536,060	1,737,487
2003	20,344,923	6,827,254	2,529,548	569,226	1,692,055
2004	21,699,936	7,053,156	2,746,970	641,905	1,797,860
2005	21,546,544	7,674,168	2,936,326	680,857	1,836,129
2006	21,919,114	7,860,152	2,796,616	732,547	1,794,108
2007	22,086,593	7,542,209	2,574,428	772,524	1,676,522

a/ Vehicles registered for the first time regardless of age.
b/ Includes trailer coaches.

Source: Estimated Fee-Paid Vehicle Registrations by County, Report 2007
Statement of Transactions, December 31, 2007

Department of Motor Vehicles
Forecasting Unit
(916) 657-8008
http://www.dmv.ca.gov/

TABLE J-6

FUEL DISTRIBUTIONS IN CALIFORNIA
TAXABLE GALLONS DISTRIBUTED 1970 TO 2007
(In thousands)

Year	Gross taxable motor vehicle fuel a/	Gasohol b/	Refunds c/	Net taxable motor vehicle fuel	Taxable jet fuel d/	Taxable diesel fuel e/
1970	9,106,062		200,561	8,905,501	13,898	586,077
1971	9,400,972		192,555	9,208,417	12,376	647,339
1972	10,040,177		208,979	9,831,198	16,364	700,706
1973	10,356,068		234,032	10,122,036	19,061	776,264
1974	9,906,222		205,369	9,700,853	19,853	760,662
1975	10,237,380		211,285	10,026,095	21,120	779,283
1976	10,756,388		221,077	10,535,311	25,210	867,350
1977	11,328,008		240,830	11,087,178	32,879	910,385
1978	11,877,558		294,094	11,583,464	36,353	1,073,207
1979	11,539,624		309,925	11,229,699	53,091	1,162,607
1980	11,227,774		343,645	10,884,129	46,526	1,154,177
1981	11,129,697	147,796	367,116	10,762,581	40,728	1,236,781
1982	10,969,832 f/	464,004	316,944	10,652,888	39,281	1,234,898
1983	11,145,788	480,850	173,762	10,972,026	38,989	1,291,167
1984	11,518,148	401,838	161,508	11,356,641	42,032	1,446,712
1985	11,739,485	228,017	134,754	11,604,732	38,930	1,498,164
1986	12,272,014	189,047	145,557	12,126,456	42,837	1,593,662
1987	12,674,816	252,703	202,540	12,472,276	44,382	1,730,682
1988	13,019,044	489,237	151,661	12,867,383	49,929	1,782,724
1989	13,321,349	369,184	221,832	13,099,517	57,586	1,853,570
1990	13,425,814	468,516	202,964	13,222,849	58,744	1,817,790
1991	13,204,483	596,860	253,354	12,951,129	57,116	1,711,007
1992	13,105,476	59,603	179,475	12,926,002	62,856	1,967,344
1993	13,239,145	205,263	212,329	13,026,816	64,365	1,824,363
1994	13,299,901	119,418	143,634	13,156,267	64,842	2,010,639
1995	13,406,222	43,541	175,458	13,230,764	71,543	2,096,562
1996	13,671,603	n.r.	164,463	13,507,140	76,822	2,119,759
1997	13,791,740	n.r.	134,013	13,657,727	78,163	2,290,844
1998	14,079,007	n.r.	99,302	13,979,705	87,417	2,339,281 g/
1999	14,514,435	n.r.	117,786	14,396,650	107,983	2,457,994
2000	14,790,431	n.r.	153,583	14,636,847	121,428	2,632,760
2001	14,901,628	n.r.	108,193	14,793,435	128,008	2,627,366
2002	15,524,515	n.r.	54,987	15,469,528	125,254	2,700,123
2003	15,689,223	n.r.	35,300	15,653,923	126,077	2,667,934
2004	15,941,733	n.r.	26,470	15,915,263	141,396	2,842,332
2005	15,918,209	n.r.	18,297	15,899,912	148,401	2,963,734
2006	15,841,998	n.r.	22,319	15,819,679	147,031	2,994,049
2007	15,669,331	n.r.	35,399	15,633,932	152,311	3,082,740

a/ Includes all gasoline on which State excise tax was paid ($.07/gallon through December 1982; $.09/gallon effective January 1, 1983; $.14/gallon effective August 1, 1990; $.15/gallon effective January 1, 1991; $.16/gallon effective January 1, 1992, $.17/gallon effective January 1, 1993, $.18/gallon effective January 1, 1994).
b/ Included in Gross Taxable Motor Vehicle Fuel. Not separately identified until 1981.
c/ Refunds in nonhighway use by contractors, agriculture, the United States Government, etc.
d/ Fuel on which State excise tax of $.02/gallon was paid; excludes fuel used by commercial airlines (common carriers) or the United States Government.
e/ Includes a negligible amount of compressed natural gas through 1982.
f/ Includes 60,949,000 gallons exported after tax was paid; gallonage cannot be identified for prior years. Starting with 1983, tax paid exports are excluded.
g/ Effective January 1, 1998, an additional per-gallon surcharge equivalent to the combined local and sales tax rate was imposed on fuel subject to the interstate user tax. The combined tax rate for calendar year 1998 was 26.3 cents per gallon.
n.r. Not reported.

State Board of Equalization, Research & Statistics Section, (916) 445-0840

TABLE J-7

MOTOR VEHICLE LICENSED DRIVERS AND DRIVERS INVOLVED IN COLLISIONS BY AGE GROUP, CALIFORNIA, 2007 a/

	Licensed		Fatal		Injury	
	Number	Percent	Number	Percent	Number	Percent
Total	23,629,900	100.0	5,509	100.0	338,941	100.0
0-14 years	-	-	5	0.1	415	0.1
15-19 years	946,400	4.0	424	8.0	31,699	9.8
20-24 years	2,117,100	9.0	899	16.9	49,356	15.3
25-34 years	4,427,400	18.7	1,115	21.0	69,943	21.7
35-44 years	4,863,600	20.6	972	18.3	62,576	19.4
45-54 years	4,838,000	20.5	917	17.2	54,006	16.7
55-64 years	3,448,000	14.6	516	9.7	32,010	9.9
65 and over	2,989,400	12.6	466	8.8	22,847	7.1
Not stated	-	-	195	-	16,089	-

a/ Percents are based on drivers by age group and do not include 'Not stated'.

Department of California Highway Patrol
Information Services Unit
(916) 375-2850
http://www.chp.ca.gov/

TABLE J-8

NUMBER OF MOTOR VEHICLE TRAFFIC COLLISIONS AND PERSONS KILLED AND INJURED, CALIFORNIA, 2007

Collision by type of involvement	Fatal and injury collisions	Victims	
		Killed	Injured
Total	501,908	3,967	266,687
Pedestrian	13,622	630	13,454
Other motor vehicle	327,850	1,451	186,700
Motor vehicle on other road	3,023	13	1,986
Parked motor vehicle	38,022	85	5,910
Train	163	26	139
Bicyclists	10,389	105	9,491
Animal	1,903	3	378
Fixed object	79,312	1,178	32,508
Other object	9,908	53	2,713
Non-collision	15,107	416	12,071
Other	2,609	7	1,337

TABLE J-9

MOTOR VEHICLE COLLISION VICTIMS BY AGE AND SEX, CALIFORNIA, 2007

	Killed			Injured		
Age group	Total	Male	Female	Total	Male	Female
Total	3,967	2,818	1,149	266,687	136,848	129,839
0-14	188	104	84	20,239	10,884	9,355
15-19	373	265	108	32,404	16,340	16,064
20-24	607	467	140	38,302	20,314	17,988
25-29	394	311	83	28,133	14,709	13,424
30-34	287	221	66	21,190	10,942	10,248
35-39	268	201	67	20,958	10,748	10,210
40-44	274	189	85	20,690	10,389	10,301
45-49	327	237	90	20,534	10,362	10,172
50-54	261	187	74	18,053	8,915	9,138
55-59	211	134	77	13,653	6,831	6,822
60-64	145	101	44	9,387	4,690	4,697
65 and over	549	339	210	18,656	8,847	9,809
Fetus	9	8	1	-	-	-
Not Stated	74	54	20	4,488	2,877	1,611

TABLE J-10

MOTOR VEHICLE COLLISIONS AND VICTIMS BY LOCATION OF COLLISION, CALIFORNIA, 2007

	Number of collisions			Number of victims		
City size	Total	Fatal	Injury	Total	Killed	Injured
Total	188,170	3,551	184,619	270,113	3,961	266,152
Cities below 2,500 pop.	673	8	665	974	10	964
2,500 to 10,000	2,152	37	2,115	2,927	41	2,886
10,000 to 25,000	5,959	105	5,854	8,365	117	8,248
25,000 to 50,000	14,953	223	14,730	20,499	245	20,254
50,000 to 100,000	30,618	419	30,199	42,766	448	42,318
100,000 to 250,000	34,786	469	34,317	49,667	512	49,155
250,000 and over	57,390	678	56,712	83,286	721	82,565
Unincorporated area	41,639	1,612	40,027	61,629	1,867	59,762

Source agency for tables J8, J9, and J10:
California Highway Patrol
Information Services Unit
(916) 375-2850
http://www.chp.ca.gov/

TABLE J-11

CALIFORNIA ELECTRICAL ENERGY GENERATION, 1997 TO 2007
TOTAL PRODUCTION, BY RESOURCE TYPE
(Millions of kilowatt hours)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
California Generation plus Net Imports:	255,080	276,412	275,803	280,496	266,127	273,775	279,252	289,384	288,681	294,916	302,546
Hydroelectric	41,400	48,757	41,627	42,053	24,889	31,283	36,287	34,375	39,896	47,646	26,955
Nuclear	37,267	41,715	40,419	43,533	33,294	34,353	35,594	30,241	36,155	32,036	35,692
Coal	27,114	34,537	36,327	36,804	3,881	4,133	4,269	4,086	4,283	4,209	4,201
Oil	143	123	55	449	379	81	103	127	148	134	103
Gas	74,341	82,052	84,703	106,878	115,447	92,346	94,135	104,707	96,478	107,468	118,413
Geothermal	11,950	12,554	13,251	13,456	13,525	13,396	13,329	13,494	13,868	12,982	12,999
Biomass	5,701	5,266	5,663	6,086	5,701	6,192	6,060	6,067	6,027	5,691	5,575
Wind	2,739	2,776	3,433	3,604	3,242	3,546	3,316	4,258	4,084	4,420	5,723
Solar	810	839	838	860	836	851	759	741	660	616	668
Other	896	230	-	-	-	-	-	-	-	-	-
Net Energy Imports	52,720	47,563	49,487	26,774	64,933	87,594	85,401	91,289	87,081	79,714	92,217
Governmental and Utility-Owned In-State Generation	144,799	153,791	130,413	133,353	70,754	75,348	82,490	76,490	89,123	97,610	84,833
Hydroelectric	40,122	47,326	40,593	41,001	24,486	30,785	35,586	33,774	39,027	46,728	26,523
Nuclear	37,267	41,715	40,419	43,533	33,294	34,353	35,594	30,241	36,155	32,036	35,692
Coal	24,838	31,836	32,726	33,620	-	-	-	-	-	-	-
Oil	143	123	55	157	123	43	41	51	58	51	53
Gas	37,048	27,699	14,995	13,747	11,776	8,941	9,984	11,170	12,776	17,693	21,413
Geothermal	5,302	5,009	1,543	1,252	996	1,150	1,190	1,140	997	970	975
Biomass	71	80	73	34	70	68	67	70	70	56	57
Wind	6	3	7	7	7	4	27	42	37	74	117
Solar	2	2	3	3	3	2	2	2	2	2	2
Other	-	-	-	-	-	-	-	-	-	-	-
Commercial In-State Generation	57,561	75,058	95,903	120,369	130,441	110,833	111,361	121,605	112,477	117,591	125,497
Hydroelectric	1,277	1,430	1,035	1,052	404	497	701	600	869	918	432
Nuclear	-	-	-	-	-	-	-	-	-	-	-
Coal	2,276	2,701	3,602	3,183	3,881	4,133	4,269	4,086	4,283	4,209	4,201
Oil	-	-	-	293	256	38	62	76	90	83	51
Gas	37,292	54,354	69,708	93,130	103,671	83,405	84,151	93,537	83,702	89,775	96,999
Geothermal	6,648	7,546	11,708	12,204	12,528	12,246	12,139	12,354	12,871	12,011	12,024
Biomass	5,630	5,186	5,590	6,052	5,632	6,124	5,994	5,997	5,957	5,635	5,518
Wind	2,733	2,773	3,426	3,597	3,235	3,542	3,289	4,216	4,047	4,346	5,606
Solar	808	837	835	857	834	848	757	739	658	614	666
Other	896	230	-	-	-	-	-	-	-	-	-
Energy exports:	-	-	-	-	14,854	6,534	6,026	4,825	5,685	5,056	5,586
Pacific Northwest	-	-	-	-	5,846	1,020	1,471	1,532	2,061	2,518	2,620
Pacific Southwest	-	-	-	-	9,007	5,514	4,555	3,292	3,623	2,539	2,966
Energy imports:	-	-	-	-	79,787	94,128	91,427	96,113	92,766	84,771	97,802
Pacific Northwest	-	-	-	-	12,672	28,206	23,775	22,363	22,347	22,321	27,289
Pacific Southwest	-	-	-	-	67,114	65,921	67,652	73,750	70,419	62,450	70,514
Net Energy imports (imports less exports):	52,720	47,563	49,487	26,774	64,933	87,594	85,401	91,289	87,081	79,714	92,217
Pacific Northwest	25,204	19,428	26,051	18,777	6,826	27,186	22,303	20,831	20,286	19,803	24,669
Pacific Southwest	27,517	28,135	23,436	7,997	58,107	60,408	63,097	70,458	66,795	59,911	67,547

Note: The data in this table is based on corrections and updates as of July 30, 2008. With deregulation of the electric industry in 2001, California Energy Commission changed its data collection pr
Prior to 2001, utility-owned shares of coal, nuclear plants and some firm contract generation outside California were considered part of utility-owned generation category regardless of the physical l
In this tabulation generation located physically out-of-state is included in the energy imports category. The energy imports and exports include all electricity flows in and out of the state as reported
the four California balancing authorities: CAISO, LADWP, IID, and SMUD plus generation at four out-of-state power plants that are within one of these balancing authorities' control areas but
physically located outside California. These plants include Intermountain Power Plant in Utah, Mohave Plant in Arizona (now closed), Caithness Dixie Valley Valley Plant in Nevada and
Termoelectrica Mexicali in Mexico. In previous versions of this table, these plants were reported as utility owned generation. Additional details can be found on the California Energy Commission w

California Energy Commission, Electricity Analysis Office, (916) 654-4656

TABLE J-12

SAMPLE ELECTRIC AND GAS BILLS
FOR RATES IN EFFECT ON APRIL 1, 1999 a/

Service & City	Utility	Electric monthly bill b/	Utility	Gas monthly bill b/
Residential:				
San Francisco	PG&E	$55.77	PG&E	$76.43
San Jose	PG&E	54.52	PG&E	74.87
Los Angeles	Edison	67.34	SoCalGas	72.44
San Diego	SDG&E	51.54	SDG&E	91.65
Commercial, small:				
San Francisco	PG&E	$144.90	PG&E	$85.04
San Jose	PG&E	144.90	PG&E	85.04
Los Angeles	Edison	171.72	SoCalGas	95.39
San Diego	SDG&E	160.60	SDG&E	82.04
Commercial, large:				
San Francisco	PG&E	$852.40	PG&E	$317.77
San Jose	PG&E	852.40	PG&E	317.77
Los Angeles	Edison	958.49	SoCalGas	335.78
San Diego	SDG&E	746.75	SDG&E	391.50
Industrial:				
San Francisco	PG&E	$27,278.40	PG&E	$21,345.24
San Jose	PG&E	27,278.40	PG&E	21,345.24
Los Angeles	Edison	27,467.84	SoCalGas	16,649.60
San Diego	SDG&E	25,722.21	SDG&E	16,324.43

a/ These sample bill figures are based upon the same assumptions used by the Colorado PUC in its survey of other states around the country.
Sample bill usage assumptions:
Residential = Electric 500 kWh; Gas 120 CCF
Commercial, small = Electric 1,500 kWh; Gas 120 CCF
Commercial, large = Electric 10,000 kWh; Gas 602 CCF
Industrial = Electric 400 MWh; Gas 6,024 MCF
b/ Monthly bill figures do not include taxes or fees.

Source: California Public Utilities Commission, Energy Division, http://www.cpuc.ca.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

SECTION K
TRADE AND SERVICES

This section presents information from the 1992 Economic Censuses on wholesale and retail trade, and services in California.

The 2002 Economic Census is also available and is presented in Section Q of this report. The 2002 Economic Census is based on the new North American Industrial Classification System (NAICS), whereas the 1992 Economic Census is based on the Standard Industrial Classification (SIC) system. As a result, comparison between census years may not be possible. Additional information is available from the US Bureau of the Census.

Also provided are data on taxable sales, licensed vocational and professional personnel, and foreign trade. The sources for these data are the California Board of Equalization, California Department of Consumer Affairs, and the US Bureau of the Census, respectively.

TABLE K-1

SELECTED STATISTICS ON WHOLESALE TRADE IN CALIFORNIA, BY TYPE OF BUSINESS, 1992
(Dollar amounts in thousands)

1987 SIC Code	Selected kinds of business	Total: Number of Establishments	Total: Sales	Total: Payroll entire year	Merchant wholesalers: Number of Establishments	Merchant wholesalers: Sales	Other operating types a/: Number of Establishments	Other operating types a/: Sales	Percentage change (Total wholesale) 1987-1992: Sales	Percentage change (Total wholesale) 1987-1992: Payroll entire year
	Wholesale trade, total	58,437	$432,945,928	$23,537,233	49,736	$265,938,813	8,701	$167,007,115	n.c.	n.c.
	Durable Goods									
50	Total	37,052	254,515,313	15,009,772	31,831	163,555,359	5,221	90,959,954	n.c.	n.c.
501	Motor vehicles and motor vehicle parts and supplies	4,621	69,109,563	1,575,377	4,308	47,268,096	313	21,841,467	n.c.	n.c.
502	Furniture and homefurnishings	2,415	7,878,748	682,904	2,010	5,089,366	405	2,789,382	13.3	25.6
503	Lumber and other construction materials	2,029	8,543,057	656,257	1,717	6,201,579	312	2,341,478	--	9.1
504	Professional and commerical equipment and supplies	6,699	59,972,142	4,631,559	5,816	31,287,013	883	28,685,129	n.c.	n.c.
505	Metals and minerals, except petroleum	1,112	9,051,519	462,922	918	6,996,616	194	2,054,903	-15.6	4.5
506	Electrical goods	5,724	44,543,248	2,713,066	4,422	24,973,829	1,302	19,569,419	35.7	27.0
507	Hardware, and plumbing and heating equipment and supplies	2,587	8,891,792	868,491	2,265	6,418,269	322	2,473,523	23.4	24.0
508	Machinery, equipment, and supplies	7,078	23,991,531	2,158,243	5,997	16,422,051	1,081	7,569,480	n.c.	n.c.
509	Miscellaneous durable goods	4,787	22,533,713	1,260,953	4,378	18,898,540	409	3,635,173	n.c.	n.c.
	Nondurable Goods									
51	Total	21,385	178,430,615	8,527,461	17,905	102,383,454	3,480	76,047,161	n.c.	n.c.
511	Paper and paper products	2,376	13,045,216	947,316	1,955	7,068,328	421	5,976,888	25.2	33.4
512	Drugs, drug proprietaries, and druggists' sundries	920	13,567,080	644,375	822	7,233,506	98	6,333,574	84.2	83.6
513	Apparel, piece goods, and notions	3,536	16,289,755	961,416	3,035	12,032,621	501	4,257,134	56.3	43.7
514	Groceries and related products	5,985	66,003,482	3,056,628	4,823	37,846,200	1,162	28,157,282	32.3	33.7
515	Farm-product raw materials	377	4,645,277	102,758	308	3,865,308	69	779,969	30.7	49.3
516	Chemicals and allied products	1,396	11,699,244	532,982	1,033	3,440,287	363	8,258,957	34.6	38.0
517	Petroleum and petroleum products	978	27,813,402	363,684	782	12,389,050	196	15,424,352	32.5	20.8
518	Beer, wine, and distilled alcoholic beverages	484	8,377,755	597,052	415	6,451,029	69	1,926,726	25.3	26.2
519	Miscellaneous nondurable goods	5,333	16,989,404	1,321,250	4,732	12,057,125	601	4,932,279	n.c.	n.c.

a/ Includes merchandise agents and brokers, and manufacturers' sales branches and sales offices.
n.c. Not comparable to 1987 data published in the prior issues of the California Statistical Abstract, which was based on the 1972 Standard Industrial Classification (SIC) codes.
Note: The 2002 Economic Census reports are now available and presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Department of Commerce, Bureau of the Census, 1992 Census of Wholesale Trade, http://www.census.gov/
Department of Finance, Economic Research Unit, (916) 322-2263

TABLE K-2

SELECTED STATISTICS ON RETAIL TRADE IN CALIFORNIA, BY TYPE OF BUSINESS, 1992
(Dollar amounts in thousands)

1987 SIC Code	Kind of business	Number of Establish-ments a/	Sales	Payroll, entire year	Number of paid employees for week including March 12	Percent change 1987-1992 Sales	Percent change 1987-1992 Payroll, entire year
	Retail trade, total	162,111	$224,593,152	$28,063,781	2,050,594	24.9	23.5
521	Lumber and other building materials dealers	2,284	7,651,125	895,371	42,501	26.8	33.9
523	Paint, glass and wallpaper stores	1,177	1,004,973	151,538	7,304	13.8	25.2
525	Hardware stores	1,437	1,467,983	221,196	13,953	23.6	24.6
526	Retail nurseries, lawn and garden supply stores	932	583,797	110,398	6,885	-4.2	6.6
527	Manufactured (mobile) home dealers	234	248,697	20,382	950	-27.9	-22.7
531	Department stores (excl. leased depts.) b/ c/	912	18,935,728	2,218,029	173,733	n.c.	n.c.
533	Variety stores	565	543,086	74,707	7,235	-7.1	-5.2
539	Miscellaneous general merchandise stores d/	963	9,182,732	539,465	31,715	n.c.	n.c.
541	Grocery stores	11,774	42,733,068	4,566,742	245,814	25.8	23.4
542	Meat and fish (seafood) markets	902	639,157	63,363	4,857	-2.1	-10.2
546	Retail bakeries	3,398	860,800	205,684	23,226	6.2	-7.3
543, 4, 5, 9	Other food stores	2,413	1,117,133	144,228	13,149	5.5	3.3
551	New and used car dealers	2,009	36,420,174	2,975,056	90,387	12.7	1.0
552	Used car dealers	1,013	1,133,384	80,084	3,830	31.1	15.1
553	Auto and home supply stores	4,825	3,940,465	650,454	34,578	12.1	12.6
555, 6, 7, 9	Miscellaneous automotive dealers	1,257	2,037,098	207,701	9,333	-7.5	-3.0
554	Gasoline service stations	8,387	14,696,788	718,098	58,810	36.8	9.8
561	Men's and boys' clothing and accessory stores	1,925	1,330,213	195,776	13,343	21.1	13.0
562	Women's clothing stores	5,549	3,418,248	420,708	45,696	18.6	15.7
563	Women's accessory and specialty stores	918	368,252	49,533	4,590	67.3	64.0
565	Family clothing stores	2,132	4,817,971	571,136	40,507	56.2	63.2
566	Shoe stores	4,095	2,171,526	270,244	20,598	28.9	23.7
564, 9	Other apparel and accessory stores	1,883	817,655	104,937	10,447	30.5	21.7
5712	Furniture stores	3,364	3,138,269	444,568	21,995	3.8	2.3
5713, 4, 9	Homefurnishing stores	4,216	2,774,473	400,135	24,385	22.9	22.8
572	Household appliance stores	849	959,213	105,368	5,454	-7.5	-1.1
5731	Radio, television and electronics stores	2,132	3,314,124	380,870	19,629	38.9	42.5
5734	Computer and software stores	888	1,598,461	146,998	6,163	184.3	154.0
5735	Recorded and prerecorded tape stores	1,125	1,148,457	126,233	12,883	38.5	63.8
5736	Musical instrument stores	500	381,729	49,408	2,903	8.6	7.1
5812 pt.	Restaurants	21,299	12,128,332	3,606,855	384,993	21.4	26.9
5812 pt.	Cafeterias	799	388,656	98,828	11,098	12.9	8.6
5812 pt.	Refreshment places	19,964	9,917,679	2,322,935	309,129	37.8	42.0
5812 pt.	Other eating places	3,712	1,906,113	558,610	50,585	36.7	42.7
5813	Drinking places	4,741	1,118,299	252,509	31,439	5.2	2.9
591	Drug and proprietary stores	4,370	9,963,654	1,388,258	67,309	36.1	55.3
592	Liquor stores	3,551	1,909,376	136,569	12,826	-7.6	-19.2
593	Used merchandise stores	1,943	704,362	154,834	12,840	28.7	45.4
5941	Sporting goods stores and bicycle shops	2,763	2,203,883	268,801	20,483	42.1	52.1
5942	Book stores	1,664	1,229,242	154,737	14,214	50.4	59.3
5944	Jewelry stores	3,224	1,642,267	274,067	15,647	3.5	2.5
5943, 5-9	Other miscellaneous shopping goods stores	7,483	4,257,350	538,685	49,195	30.9	35.8
5961	Catalog and mail-order houses	882	2,308,886	215,754	9,202	48.5	55.2
5962	Automatic merchandising machine operators	535	467,668	85,181	4,046	-8.0	2.2
5963	Direct selling establishments	1,500	1,314,362	260,050	14,831	31.9	29.1
598	Fuel dealers e/	345	331,269	49,654	2,243	n.c.	n.c.
5992	Florists	2,680	616,754	122,674	12,701	10.1	7.5
5993	Tobacco stores and stands	131	60,502	5,530	544	26.9	4.7
5994	News dealers and newsstands	163	65,816	8,737	841	-6.7	-5.3
5995	Optical good stores	1,184	454,747	96,598	6,210	49.0	34.3
5999	Miscellaneous retail stores, n.e.c.	5,120	2,169,156	355,505	23,365	41.5	36.8

a/ Establishments with payroll.
b/ Includes sales from catalog order desks.
c/ 50 employees or more.
d/ Includes stores with fewer than 50 employees.
e/ Excludes ice dealers.
n.c. Not comparable to 1987 data published in the prior issues of the California Statistical Abstract, which was based on the 1972 Standard Industrial Classification (SIC) codes.
Note: The 2002 Economic Census reports are now available and presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Department of Commerce, Bureau of the Census, 1992 Census of Retail Trade, http://www.census.gov/
Department of Finance, Economic Research Unit, (916) 322-2263

TABLE K-3

RETAIL SALES, SELECTED CALIFORNIA AREAS
1978 TO 1997
(In millions)

Year	California	Los Angeles-Anaheim-Riverside a/	San Francisco-Oakland-San Jose b/	San Diego County
1978	$90,679	$47,960	$23,643	$7,842
1979	105,031	55,662	27,531	8,941
1980	112,523	59,265	28,547	9,583
1981	122,713	64,558	30,591	10,091
1982	128,411	69,125	32,186	10,557
1983	141,546	75,422	35,571	11,075
1984	153,309	81,901	37,812	12,261
1985	167,788	88,045	40,536	13,597
1986	176,391	92,806	40,557	14,558
1987	192,123	97,900	42,315	15,545
1988	205,287	105,775	44,713	17,418
1989	225,452	114,701	51,402	19,107
1990	237,396	122,918	53,278	18,735
1991	231,006	119,125	51,283	17,427
1992	231,456	115,723	53,138	18,799
1993	232,438	114,285	54,153	19,854
1994	245,844	120,911	55,799	19,953
1995	254,197	124,786	58,341	20,783
1996	266,336	131,255	61,686	21,654
1997	263,118	124,135	63,220	22,215

a/ Orange, Los Angeles, Ventura, Riverside, and San Bernardino counties
b/ Alameda, Contra Costa, San Francisco, Marin, San Mateo, Santa Clara, Santa Cruz, Sonoma, Napa, and Solano counties

Note: Annual surveys discontinued for the states. Data for 1997 is from the Economic Census which is conducted every 5 years. Industry detail is presente in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Department of Commerce, Bureau of the Census
http://www.census.gov/

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TABLE K-4

TAXABLE SALES IN CALIFORNIA,
1970 to 2006
(In millions)

Year	Taxable sales	Taxable retail sales
1970	$43,223.3	$28,698.7
1971	46,815.4	31,496.2
1972	53,713.9	36,517.5
1973	61,737.9	42,119.3
1974	68,070.8	45,797.3
1975	73,475.7	49,799.9
1976	83,822.0	57,343.3
1977	99,482.0	67,491.3
1978	113,467.7	76,365.5
1979	131,678.3	87,270.5
1980	142,759.2	94,210.9
1981	155,126.6	101,665.8
1982	154,553.3	102,008.8
1983	169,413.1	113,349.9
1984	194,013.6	126,736.1
1985	208,574.1	135,901.5
1986	217,465.2	141,879.6
1987	231,869.7	150,252.0
1988	251,078.1	162,516.8
1989	272,088.6	175,766.4
1990	281,860.3	181,654.6
1991	270,844.8	176,573.2
1992	272,368.3	179,275.1
1993	272,123.7	179,014.6
1994	285,974.7	187,088.0
1995	300,956.4	194,378.1
1996	321,076.3	205,746.8
1997	341,091.6	217,248.7
1998	358,858.4	229,406.5
1999	394,736.2	255,589.4
2000	441,854.4	287,067.7
2001	441,517.6	293,956.5
2002	440,950.1	301,612.3
2003	460,096.5	320,217.1
2004	500,076.8	350,172.7
2005	536,904.4	375,808.1
2006	559,652.4	389,066.6

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Agency Planning and Research Division
Research and Statistics Section
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http://www.boe.ca.gov/

TABLE K-5

APPARENT CONSUMPTIONa/ OF ALCOHOLIC
BEVERAGES IN CALIFORNIA, 1994 TO 2007
(In thousands of gallons)

Type of beverage	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 r/	2005 r/	2006	2007
Beer	620,106	611,519	608,344	621,785	608,280	630,024	630,641	636,510	647,595	642,079	660,688	656,745	654,109	657,190
Wines	89,562	85,825	94,482	98,531	89,665	97,954	101,357	98,060	107,122	109,924	108,000	118,221	125,843	124,579
Still wines:														
14% alcohol or less	77,625	74,581	83,307	87,287	77,659	82,771	88,510	84,225	91,605	92,844	88,442	96,304	99,269	95,629
Over 14% alcohol	4,990	4,721	5,120	5,120	6,009	6,976	7,606	8,513	9,818	11,161	13,315	15,854	19,431	21,948
Champagne & sparkling wines	6,947	6,523	6,054	6,124	5,997	8,207	5,241	5,322	5,699	5,919	6,243	6,064	7,143	7,002
Distilled spirits	40,296	37,869	38,476	38,056	37,985	39,370	41,040	41,744	42,670	44,566	46,579	47,974	49,508	49,889

a/ The figures in this table represent taxable distributions. Because tax liability occurs at the time alcoholic beverages are sold by manufacturers or importers rather than at the time a retail sale is made, the data are referred to as apparent rather than actual consumption.
r/ Revised

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TABLE K-6

TAXABLE SALES IN CALIFORNIA
BY TYPE OF BUSINESS, 2006
(Sales in thousands)

Type of business	Permits 7-1-06 a/	Taxable transactions b/
Total, all outlets	1,048,358	$559,652,437
Retail Stores, total	489,998	389,066,572
Women's apparel	13,706	5,074,591
Men's apparel	3,005	1,166,037
Family apparel	23,420	10,844,254
Shoes	4,922	2,744,534
Apparel stores group	45,053	19,829,416
General merchandise stores	13,349	52,827,702
Drug stores	4,548	6,437,192
General merchandise group	17,897	59,264,894
Gifts, art goods, and novelties	14,233	1,928,352
Sporting goods	7,554	4,117,259
Florists	5,825	1,172,658
Photographic equipment and supplies	1,016	511,414
Musical instruments	3,526	1,556,263
Stationery and books	10,126	4,097,403
Jewelry	12,086	3,018,964
Office, store, and school supplies	17,404	17,760,494
Other specialties	135,460	20,532,873
Specialty stores group	207,230	54,695,680
Food stores selling all types of liquor	5,740	13,837,045
All other food stores	19,235	8,027,134
Food stores group	24,975	21,864,179
Eating places: no alcoholic beverages	56,284	22,508,893
Eating places: beer and wine	19,273	11,431,404
Eating places: all types of liquor	12,464	15,289,121
Eating and drinking group	88,021	49,229,418
Household and home furnishings	29,711	13,051,849
Household appliance dealers	4,457	4,331,600
Household group	34,168	17,383,449
Lumber and building materials	5,130	25,780,838
Hardware stores	2,497	3,940,468
Plumbing and electrical supplies	2,480	5,319,156
Paint, glass and wallpaper	1,653	1,122,864
Building material group	11,760	36,163,326
New motor vehicle dealers	2,812	59,359,675
Used motor vehicle dealers	8,148	6,230,222
Automotive supplies and parts	17,323	5,984,919
Service stations	9,366	43,579,719
Automotive group	37,649	115,154,535
Packaged liquor stores	5,307	2,675,407
Second-hand merchandise	7,636	607,759
Farm implement dealers	1,371	3,648,215
Farm and garden supply stores	4,188	2,930,230
Fuel and ice dealers	799	441,800
Mobile homes, trailers, and campers	990	1,733,991
Boat, motorcycle, and plane dealers	2,954	3,444,273
All other retail stores group	23,245	15,481,675
Business and Personal Services	103,343	23,650,322
All Other Outlets	455,017	146,935,543

a/ Includes all manufacturers, wholesalers, and retailers of tangible personal property except those dealing solely in commodities (such as cereal products) which are exempt from the retail sales tax.
b/ Excludes tax-exempt retail sales comprised principally of sales of food for home consumption and prescription medicines.

Source agency for tables K6 and K7:
Board of Equalization, Agency Planning and Research Division, Research & Statistics Section, (916) 445-0840; http://www.boe.ca.gov

TABLE K-7

TAXABLE SALES BY COUNTY, CALIFORNIA, 2006
(In thousands)

County	Total	Retail
Total	$559,652,437	$389,066,572
Alameda	25,223,384	15,656,414
Alpine	29,369	8,034
Amador	484,920	359,440
Butte	2,825,547	2,150,225
Calaveras	361,221	218,393
Colusa	291,577	175,696
Contra Costa	13,867,661	10,275,907
Del Norte	227,525	148,014
El Dorado	1,898,805	1,310,701
Fresno	12,560,649	9,058,802
Glenn	335,325	192,950
Humboldt	1,704,688	1,253,920
Imperial	2,148,730	1,566,648
Inyo	330,664	234,042
Kern	11,975,693	7,595,418
Kings	1,303,907	953,048
Lake	566,351	406,967
Lassen	286,508	191,120
Los Angeles	136,162,552	95,554,193
Madera	1,432,644	982,199
Marin	4,285,264	3,244,796
Mariposa	168,347	59,484
Mendocino	1,247,548	924,965
Merced	2,616,231	1,841,340
Modoc	89,862	55,061
Mono	297,536	182,157
Monterey	5,658,166	4,001,619
Napa	2,438,907	1,455,025
Nevada	1,354,634	877,506
Orange	57,202,747	39,074,451
Placer	7,531,225	5,710,898
Plumas	252,980	141,425
Riverside	29,816,237	21,842,345
Sacramento	21,140,386	14,813,043
San Benito	536,846	327,498
San Bernardino	31,309,905	22,130,160
San Diego	47,835,514	34,619,067
San Francisco	13,892,188	9,588,520
San Joaquin	9,528,419	6,738,173
San Luis Obispo	4,220,436	3,128,592
San Mateo	12,900,391	8,723,143
Santa Barbara	6,133,270	4,435,128
Santa Clara	32,273,238	20,039,932
Santa Cruz	3,165,946	2,358,563
Shasta	2,926,648	2,111,121
Sierra	25,983	12,968
Siskiyou	512,193	340,511
Solano	6,453,137	4,397,858
Sonoma	7,894,595	5,500,588
Stanislaus	7,352,532	5,268,389
Sutter	1,431,360	1,109,423
Tehama	751,503	585,435
Trinity	75,783	46,869
Tulare	4,844,476	3,402,713
Tuolumne	651,012	480,471
Ventura	12,316,912	8,901,901
Yolo	3,189,863	1,788,729
Yuba	557,885	328,031
Statewide	754,612	186,543

TABLE K-8

VALUE OF EXPORTS AND IMPORTS THROUGH CALIFORNIA PORTS,
BY ALL MODES OF TRANSPORTATION, 1997 TO 2007
(In millions)

Customs district	1997	% chg	1998	% chg	1999	% chg	2000	% chg	2001	% chg	2002	% chg	2003	% chg	2004	% chg	2005	% chg	2006	% chg	2007	% chg
Exports a/																						
California	$131,142.7	5.7	$116,282.4	-11.3	$122,092.8	5.0	$148,554.6	21.7	$127,255.3	-14.3	$111,340.1	-12.5	$113,550.7	2.0	$123,039.2	8.4	$129,988.9	5.6	$147,823.8	13.7	$159,549.7	7.9
San Francisco c/	48,174.5	0.9	42,717.1	-11.3	44,722.2	4.7	58,304.0	30.4	45,802.7	-21.4	35,086.6	-23.4	33,081.3	-5.7	38,202.7	15.5	36,607.9	-4.2	41,407.9	13.1	43,334.6	4.7
Los Angeles d/	74,009.6	7.4	63,754.8	-13.9	66,610.3	4.5	77,588.3	16.5	69,110.6	-10.9	63,380.4	-8.3	67,748.8	6.9	70,787.2	4.5	78,391.2	10.7	90,436.3	15.4	100,212.8	10.8
San Diego e/	8,958.7	19.9	9,810.5	9.5	10,760.3	9.7	12,662.3	17.7	12,342.1	-2.5	12,873.1	4.3	12,720.5	-1.2	14,049.3	10.4	14,989.8	6.7	15,979.6	6.6	16,002.3	0.1
Imports b/																						
California	$184,683.7	8.6	$189,943.4	2.8	$209,025.3	10.0	$243,526.5	16.5	$213,941.8	-12.1	$218,461.2	2.1	$236,717.0	8.4	$274,222.2	15.8	$306,329.9	11.7	$343,487.8	12.1	$356,268.3	3.7
San Francisco c/	58,806.2	1.7	55,728.4	-5.2	59,444.8	6.7	68,867.5	15.9	49,254.1	-28.5	44,537.6	-9.6	46,502.4	4.4	55,352.1	19.0	62,374.3	12.7	69,707.9	11.8	68,886.0	-1.2
Los Angeles d/	111,844.4	10.5	117,756.4	5.3	130,503.6	10.8	152,396.1	16.8	143,384.6	-5.9	150,910.3	5.2	167,263.1	10.8	193,355.9	15.6	215,512.9	11.5	238,986.7	10.9	249,228.0	4.3
San Diego e/	14,033.2	27.7	16,458.6	17.3	19,076.9	15.9	22,262.9	16.7	21,303.0	-4.3	23,013.3	8.0	22,951.4	-0.3	25,514.3	11.2	28,442.7	11.5	34,793.3	22.3	38,154.3	9.7

a/ f.a.s. Value Basis
b/ Custom Value Basis
c/ Customs district extends from northern California border south to Monterey Bay, and east to Salt Lake City.
d/ Customs district extends from south of Monterey Bay to Carpinteria and east to Las Vegas.
e/ Customs district extends from San Diego east to Phoenix.

TABLE K-9

VALUE OF AIRBORNE EXPORT AND IMPORT SHIPMENTS IN FOREIGN
TRADE BY CUSTOMS DISTRICT, CALIFORNIA, 1997 TO 2007
(In millions)

Customs district	1997	% chg	1998	% chg	1999	% chg	2000	% chg	2001	% chg	2002	% chg	2003	% chg	2004	% chg	2005	% chg	2006	% chg	2007	% chg
Exports a/																						
California	$72,945.1	8.8	$63,401.5	-13.1	$69,225.3	9.2	$88,128.3	27.3	$69,841.0	-20.8	$57,961.9	-17.0	$56,669.0	-2.2	$62,718.5	10.7	$63,065.6	0.6	$71,566.2	13.5	$72,269.8	1.0
San Francisco	36,174.5	5.7	31,249.0	-13.6	33,030.2	5.7	46,196.0	39.9	35,574.7	-23.0	26,424.6	-25.7	23,933.0	-9.4	28,627.5	19.6	26,315.7	-8.1	30,249.6	14.9	30,350.3	0.3
Los Angeles	36,543.5	11.9	31,860.7	-12.8	35,921.7	12.7	41,752.3	16.2	34,153.6	-18.2	31,492.3	-7.8	32,637.9	3.6	34,009.1	4.2	36,618.3	7.7	41,151.6	12.4	41,735.9	1.4
San Diego	227.1	51.5	291.9	28.5	273.4	-6.3	179.9	-34.2	112.8	-37.3	45.0	-60.1	98.2	118.2	81.9	-16.5	131.6	60.6	165.0	25.4	183.5	11.3
Imports b/																						
California	$71,486.7	8.9	$67,112.3	-6.1	$73,913.2	10.1	$85,358.4	15.5	$60,616.4	-29.0	$57,567.6	-5.0	$59,239.9	2.9	$67,117.1	13.3	$71,892.5	7.1	$76,704.8	6.7	$75,730.5	-1.3
San Francisco	40,422.0	4.6	37,616.2	-6.9	41,283.4	9.7	48,098.4	16.5	30,774.6	-36.0	27,362.6	-11.1	27,510.4	0.5	31,579.9	14.8	34,418.0	9.0	36,607.7	6.4	33,081.8	-9.6
Los Angeles	30,810.0	14.9	29,242.6	-5.1	32,327.9	10.6	36,986.0	14.4	29,565.8	-20.1	29,905.6	1.1	31,438.1	5.1	35,323.7	12.4	37,161.2	5.2	39,761.6	7.0	42,344.2	6.5
San Diego	254.7	19.5	253.5	-0.5	302.0	19.1	274.0	-9.3	276.0	0.7	299.5	8.5	291.4	-2.7	213.6	-26.7	313.3	46.7	335.5	7.1	304.5	-9.2

a/ f.a.s. Value Basis
b/ Custom Value Basis

Source for Tables K-8 and K-9: U.S. Department of Commerce, Bureau of the Census
http://www.census.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE K-10

FOREIGN TRADE THROUGH
CALIFORNIA PORTS, 1970 TO 2007 a/
(In millions)

Year	Exports	% Change	Imports	% Change	Total	% Change
1970	$4,245	--	$4,408	--	$8,653	
1971	3,690	-13.1%	4,896	11.1%	8,586	-0.8%
1972	4,153	12.5%	6,509	32.9%	10,662	24.2%
1973	6,647	60.1%	8,607	32.2%	15,254	43.1%
1974	9,793	47.3%	13,140	52.7%	22,933	50.3%
1975	10,340	5.6%	11,715	-10.8%	22,055	-3.8%
1976	11,525	11.5%	15,300	30.6%	26,825	21.6%
1977	12,186	5.7%	19,113	24.9%	31,299	16.7%
1978	14,934	22.6%	21,496	12.5%	36,430	16.4%
1979	20,303	36.0%	24,929	16.0%	45,232	24.2%
1980	26,974	32.9%	29,414	18.0%	56,388	24.7%
1981	26,990	0.1%	31,690	7.7%	58,680	4.1%
1982	29,120	7.9%	32,583	2.8%	61,703	5.2%
1983	29,380	0.9%	37,944	16.5%	67,324	9.1%
1984	32,204	9.6%	49,270	29.8%	81,474	21.0%
1985	32,396	0.6%	61,606	25.0%	94,002	15.4%
1986	32,838	1.4%	69,875	13.4%	102,713	9.3%
1987	39,663	20.8%	78,478	12.3%	118,141	15.0%
1988	53,568	35.1%	86,605	10.4%	140,173	18.6%
1989	63,049	17.7%	94,080	8.6%	157,129	12.1%
1990	68,552	8.7%	97,122	3.2%	165,673	5.4%
1991	73,860	7.7%	100,744	3.7%	174,604	5.4%
1992	81,139	9.9%	111,548	10.7%	192,687	10.4%
1993	82,174	1.3%	125,348	12.4%	207,522	7.7%
1994	95,615	16.4%	144,002	14.9%	239,617	15.5%
1995	116,825	22.2%	165,045	14.6%	281,870	17.6%
1996	124,120	6.2%	169,981	3.0%	294,101	4.3%
1997	131,143	5.7%	184,684	8.6%	315,826	7.4%
1998	116,282	-11.3%	189,943	2.8%	306,226	-3.0%
1999	122,093	5.0%	209,025	10.0%	331,118	8.1%
2000	148,555	21.7%	243,527	16.5%	392,081	18.4%
2001	127,255	-14.3%	213,942	-12.1%	341,197	-13.0%
2002	111,340	-12.5%	218,461	2.1%	329,801	-3.3%
2003	113,551	2.0%	236,717	8.4%	350,268	6.2%
2004	123,039	8.4%	274,222	15.8%	397,261	13.4%
2005	129,989	5.6%	306,330	11.7%	436,319	9.8%
2006	147,824	13.7%	343,488	12.1%	491,312	12.6%
2007	159,550	7.9%	356,268	3.7%	515,818	5.0%

a/ Data reflect value of trade through California customs districts and not value of exported goods originating in California or imported goods destined for California.

Note: Tables K-8, K-9, and K-10: Value of exports and imports that move through ports, regardless of where exports were actually made or where imports are consumed.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE K-11

EXPORTS OF MADE-IN-CALIFORNIA GOODS BY COMMODITY TYPE, 2005-2007
($ millions)

Commodity	2005	2005 Rank	2006	2006 Rank	2007	2007 Rank
Total all Industries	$116,818.6		$127,746.1		$134,151.8	
Computer And Electronic Products	41,751.5	1	44,547.0	1	43,709.7	1
Machinery, Except Electrical	13,131.0	3	14,865.3	2	14,454.7	2
Transportation Equipment	13,324.6	2	13,497.9	3	13,748.0	3
Chemicals	7,212.4	4	8,689.3	4	10,429.6	4
Miscellaneous Manufactured Commodities	6,425.3	5	7,381.0	5	8,492.7	5
Agricultural Products	6,048.1	6	6,391.4	6	6,725.6	6
Food And Kindred Products	4,626.8	7	5,224.5	7	5,960.4	7
Electrical Equipment, Appliances, And Component	3,721.0	8	4,449.9	8	4,659.8	8
Waste And Scrap	2,438.1	11	3,381.3	10	4,550.3	9
Fabricated Metal Products, Nesoi	3,051.4	9	3,559.6	9	3,651.8	10
Petroleum And Coal Products	1,552.3	14	1,777.5	14	2,511.4	11
Special Classification Provisions, Nesoi	2,483.6	10	1,969.5	12	2,371.6	12
Plastics And Rubber Products	1,958.0	12	2,118.2	11	2,158.8	13
Primary Metal Manufacturing	1,626.5	13	1,942.0	13	2,079.3	14
Apparel And Accessories	1,234.2	15	1,280.8	15	1,276.8	15
Paper	1,080.1	16	1,097.9	16	1,115.0	16
Beverages And Tobacco Products	773.1	17	994.1	17	1,094.3	17
Used Or Second-Hand Merchandise	334.3	23	432.2	22	802.8	18
Nonmetallic Mineral Products	526.2	20	591.4	19	712.2	19
Textiles And Fabrics	743.3	18	688.8	18	672.7	20
Printing, Publishing And Similar Products	569.6	19	479.6	20	565.9	21
Wood Products	425.6	21	467.4	21	411.3	22
Leather And Allied Products	329.5	24	360.4	24	394.9	23
Furniture And Fixtures	293.2	25	324.4	25	373.4	24
Oil And Gas	113.0	29	198.1	27	269.7	25
Textile Mill Products	174.5	27	187.8	28	223.1	26
Fish, Fresh, Chilled, Or Frozen And Other Marine P	235.7	26	201.7	26	218.8	27
Prepackaged Software	355.6	22	395.1	23	216.3	28
Minerals And Ores	139.1	28	119.5	29	129.8	29
Livestock And Livestock Products	90.5	30	89.9	30	118.4	30
Forestry Products, Nesoi	41.1	31	35.3	31	42.9	31
Goods Returned To Canada (Exports Only); U.S. Good	9.4	32	7.2	32	9.9	32

TABLE K-12

TOP 25 FOREIGN DESTINATIONS OF MADE-IN-CALIFORNIA GOODS, 2005-2007
($ millions)

Country	2005	2005 Rank	2006	2006 Rank	2007	2007 Rank
Total all Countries	$116,818.6		$127,746.1		$134,151.8	
Mexico	17,702.5	1	19,633.0	1	18,342.8	1
Canada	13,212.5	3	14,194.0	2	16,122.8	2
Japan	13,497.8	2	13,983.5	3	13,452.2	3
China (Mainland)	7,850.0	4	9,972.9	4	10,567.0	4
Korea, Republic Of	6,344.8	5	7,046.0	5	7,409.8	5
China (Taiwan)	5,383.3	6	5,638.3	6	5,785.9	6
Germany	4,266.1	9	4,540.5	10	5,559.5	7
United Kingdom	5,029.1	7	5,062.8	7	5,216.5	8
Hong Kong	4,900.8	8	4,822.9	8	4,918.9	9
Singapore	3,780.6	10	4,605.1	9	4,284.1	10
Netherlands	3,622.4	11	4,041.8	11	4,077.2	11
Australia	2,465.5	13	2,812.8	12	2,821.4	12
France	2,691.9	12	2,435.0	14	2,718.0	13
Malaysia	1,942.2	14	2,514.0	13	2,205.2	14
Italy	1,439.6	18	1,873.2	16	2,044.0	15
Brazil	1,417.6	19	1,607.1	19	2,034.4	16
Belgium	1,758.9	15	1,886.0	15	2,026.2	17
Switzerland	982.4	23	1,302.5	22	1,977.0	18
India	1,341.5	20	1,689.2	17	1,949.6	19
Thailand	1,692.4	16	1,663.9	18	1,795.2	20
Israel	1,448.2	17	1,550.4	20	1,741.8	21
Philippines	1,147.4	21	1,386.5	21	1,233.6	22
Spain	974.9	24	1,000.8	23	1,076.9	23
Sweden	687.7	25	865.2	25	1,053.1	24
United Arab Emirates	1,141.0	22	942.3	24	947.9	25
Rest Of World	10,097.4		10,676.3		12,790.6	

Note: Tables K-11 and K-12: Made-in-California trade data tracks goods from the state of manufacture or origin.

Source: U.S. Bureau of Census data refined by the World Institute for Strategic Economic Research (WISER), http://www.wisertrade.org/home/index.jsp

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TABLE K-13

LICENSED PROFESSIONAL AND
VOCATIONAL PERSONNEL
CALIFORNIA, 2000-01

Classification	Total Active a/	Total Inactive b/
Accountants	40,640	26,067
Architects	20,936	5,143
Athletic commission (boxers, etc.)	1,883	n.a.
Automotive repair	61,180	11,946
Barbers and cosmetologists	345,384	75,652
Cemetery & Funeral	8,647	1,356
Contractors	220,542	64,020
Court reporters	7,912	1,744
Electronic and appliance repair	11,110	612
Private Postsecondary & Vocational Education	3,220	nda
Geologists and geophysicists	4,593	n.a.
Guide dogs for the blind (instructors & schools)	81	0
Home furnishings (retailers, etc.)	19,272	948
Landscape architects	2,884	269
Medical professions:		
Acupuncture	5,668	1,136
Animal health technicians	3,544	1,350
Behavioral science (counselors, social workers, etc.)	54,625	15,251
Dentists	29,387	8,098
Dental assistants	44,695	20,705
Hearing aid dispensers	2,072	94
Midwives	112	0
Optometrists	5,960	1,784
Pharmacists	56,510	2,192
Physical therapists	21,351	3,146
Physician assistants	15,688	4,772
Physicians and surgeons	109,289	38,172
Podiatrists	1,962	394
Psychiatric technicians	9,424	6,313
Psychologists	15,030	2,667
Registered dispensing opticians	3,466	1,696
Research psychoanalysts	72	19
Respiratory therapists	15,327	732
Speech pathologists and audiologists	10,760	1,829
Veterinarians	8,749	2,378
Nurses:		
Registered	257,496	90,901
Vocational	64,972	35,095
Nursing home administrators	nda	nda
Professional engineers and land surveyors	85,146	40,499
Security and investigative services	191,707	44,546
Structural pest control	23,943	1,533

a/ Includes all currently valid license categories.
b/ Includes all inactive and/or delinquent license categories.
nda No data available
n.a. Category is not applicable

Department of Consumer Affairs
Policy, Research, and Planning Division
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http://www.dca.ca.gov/

TABLE K-14

SELECTED STATISTICS ON SERVICE INDUSTRIES SUBJECT TO FEDERAL INCOME TAX, 1992
(Dollar amounts in thousands)

1987 SIC Code	Kind of business	Number of Establishments a/	Receipts	Payroll, entire year	Number of paid employees for week including March 12	Percent change 1987-1992 Receipts	Percent change 1987-1992 Payroll, entire year
	Total, except hospitals	244,473	$198,432,474	$71,823,812	2,645,792	n.c.	n.c.
70	Hotels, rooming houses, camps, and other lodging places (except membership lodging), total	5,789	7,972,480	2,376,915	173,816	32.2	44.0
7011	Hotels and motels	4,938	7,686,316	2,311,612	168,890	32.4	43.9
72	Personal services, total	20,186	5,259,205	1,630,510	130,100	n.c.	n.c.
721	Laundry, cleaning, and garment services	6,836	2,573,903	749,379	51,203	n.c.	n.c.
722	Photographic studios, portrait	1,299	360,140	88,910	8,064	47.3	47.6
723,4	Beauty and barber shops	7,918	1,066,625	419,639	37,147	18.9	7.2
73	Business services, total	41,850	44,818,074	16,985,866	758,018	n.c.	n.c.
731	Advertising	2,279	2,680,017	936,940	24,579	53.4	48.5
732	Consumer credit reporting, mercantile reporting, and adjustment & collection agencies	807	866,742	328,810	13,328	36.3	44.1
7335, 6	Commercial photography, art, and graphics	2,274	985,318	300,188	9,037	27.6	30.5
734	Services to dwellings and other buildings	6,365	2,645,303	1,183,720	82,964	45.1	39.8
736	Personnel supply services	4,132	5,472,140	3,774,090	266,887	n.c.	n.c.
737	Computer programming, data processing, and other computer related services	9,076	18,287,635	6,283,477	139,317	91.9	83.2
7381, 2	Detective agencies and protective services	2,144	2,175,004	1,172,196	83,979	49.9	47.7
75	Automotive repair, services and parking, total	22,201	10,577,874	2,390,052	123,249	37.1	32.8
751	Automotive rental and leasing, without drivers	1,178	2,859,681	407,610	17,348	28.4	27.2
752	Automobile parking	1,911	758,722	140,731	10,238	39.9	45.7
753	Automotive repair shops	16,292	5,895,425	1,525,389	71,375	37.2	29.3
76	Miscellaneous repair services, total	7,467	3,727,163	1,195,384	49,271	42.1	44.1
762	Electrical repair shops	2,207	1,389,062	490,205	19,078	56.1	62.6
78,79,84	Amusement and recreation services, including motion pictures and museums, total	17,921	32,097,828	9,612,230	322,318	n.c.	n.c.
781,2	Motion picture production, distribution, and services	5,432	21,094,466	5,768,425	149,158	78.5	73.7
783	Motion picture theatres	854	1,077,622	137,584	17,100	43.7	36.8
792	Theatrical producers (except motion picture), bands, orchestras, and entertainers	3,254	3,370,759	1,465,812	19,211	74.9	85.0
793	Bowling centers	337	304,299	94,021	8,598	n.c.	n.c.
794	Commercial sports	440	892,613	679,607	9,150	32.3	99.0
7992	Public golf courses	305	388,340	110,975	7,766	101.2	111.5
7996	Amusement parks	65	1,168,475	360,512	22,127	36.0	50.8
80	Health services, total	61,467	42,995,071	17,245,368	535,965	n.c.	n.c.
801	Offices and clinics of doctors of medicine	28,494	21,969,551	9,507,639	195,851	48.8	42.3
802	Offices and clinics of dentists	14,806	5,523,663	1,959,715	78,069	n.c.	n.c.
8042	Offices and clinics of optometrists	2,382	754,317	180,920	9,465	41.6	42.2
805	Nursing and personal care facilities	1,401	3,192,380	1,503,962	96,498	71.8	65.8
81	Legal services, total	20,756	16,311,492	6,494,518	132,588	56.5	52.6
823,4,9	Selected educational services, total	2,536	1,307,231	446,097	23,310	53.1	62.3
83	Social services, total	8,221	2,074,292	792,127	61,168	78.2	78.3
871	Engineering, architectural, and surveying services, total	9,986	12,336,974	4,916,998	115,603	34.1	31.9
872	Accounting, auditing, and bookkeeping services, total	11,082	5,366,193	2,085,173	76,251	35.4	23.2
873 ex. 8733	Research, development, and testing services (except non-commercial research organization), total	2,155	3,735,038	1,606,493	40,755	52.3	62.8
8731	Commercial physical and biological research	802	2,289,107	1,040,305	20,616	60.0	73.9
874	Management and public relations services, total	10,341	8,317,702	3,367,406	88,947	n.c.	n.c.
89	Other services, n.e.c.	2,515	1,535,857	678,675	14,433	104.3	117.4

a/ Establishments with payroll.

n.c. Not comparable to 1987 data published in the prior issues of the California Statistical Abstract, which was based on the 1972 Standard Industrial Classification (SIC) codes.

Note: The 2002 Economic Census reports are now available and presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Deparment of Commerce, Bureau of the Census, 1992 Census of Service Industries, http://www.census.gov/

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SECTION L
BANKING AND FINANCE

This section presents bank, savings and loan association, credit union, and finance company statistics. The bank statistics were supplied by the Federal Reserve Bank of San Francisco and the Federal Deposit Insurance Corporation. The savings and loan association statistics were obtained from the Office of Thrift Supervision. Credit union statistics were provided by the California Department of Financial Institutions. Data on finance companies were compiled by the California Department of Corporations. Additional data may be obtained from these sources.

The 1992 Economic Census on California's financial, insurance and real estate industries is also shown.

The 2002 Economic Census is also available and is presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Census reports are issued by the US Department of Commerce, Bureau of the Census.

TABLE L-1

DOMESTIC DEMAND AND TIME DEPOSITS
ALL INSURED COMMERCIAL BANKS
HEADQUARTERED IN CALIFORNIA
1960 TO 2007
(Dollars in millions)

Year a/	Demand Deposits	Time and Savings Deposits
1960	$12,954	$11,385
1961	14,232	12,851
1962	14,426	14,593
1963	14,939	16,042
1964	15,683	17,983
1965	15,232	20,109
1966	15,671	21,614
1967	17,492	23,762
1968	19,003	26,418
1969	19,989	23,513
1970	20,713	28,636
1971	22,463	33,699
1972	26,607	37,461
1973	28,060	42,789
1974	27,916	51,268
1975	30,679	54,634
1976	32,119	56,775
1977	37,516	63,494
1978	40,925	72,501
1979	44,979	77,045
1980	44,975	92,361
1981	42,684	109,634
1982	40,532	124,742
1983	45,550	133,137
1984	47,962	135,915
1985	54,451	140,151
1986	66,355	141,489
1987	55,674	143,533
1988	60,022	152,406
1989	62,446	168,830
1990	59,552	187,602
1991	61,396	194,229
1992	66,359	182,296
1993	66,134	172,408
1994	67,942	166,848
1995	73,192	167,791
1996	83,530	185,386
1997	84,655	224,420
1998	86,125	251,419
1999	39,147	175,984
2000	43,726	186,709
2001	45,428	197,217
2002	36,417	238,081
2003	37,844	302,404
2004 b/	29,199	178,638
2005	29,237	205,235
2006	25,117	222,275
2007	23,030	221,565

a/ As of December call reports,
b/ Numbers for 2004 are considerably lower than 2003 becau
Wells Fargo moved its headquarters from California to South
Not seasonally adjusted.

Federal Reserve Bank of San Francisco
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TABLE L-2

GROSS DOMESTIC LOANS BY MAJOR CATEGORIES
ALL INSURED COMMERCIAL BANKS
HEADQUARTERED IN CALIFORNIA, 1960 TO 2007
(Dollars in millions)

Year a/	Real Estate Loans	Commercial and Industrial Loans	Agri-cultural Loans	Loans to Individuals	Other	Total
1960	$5,181	$4,762	$483	$2,648	$1,223	$14,297
1961	5,358	5,122	507	2,769	1,313	15,069
1962	6,153	5,668	560	3,151	1,697	17,228
1963	7,027	6,009	643	3,634	2,376	19,689
1964	7,512	7,081	644	4,208	2,594	22,040
1965	7,974	8,284	730	4,686	2,581	24,256
1966	8,268	9,318	776	4,924	2,401	25,688
1967	8,485	10,112	803	5,126	2,281	26,807
1968	9,230	11,631	823	5,793	2,714	30,192
1969	9,545	12,276	866	6,045	2,990	31,723
1970	9,592	12,965	855	5,903	3,147	32,463
1971	10,871	13,682	990	6,659	4,193	36,395
1972	12,784	15,145	1,255	7,808	6,034	43,027
1973	15,607	18,831	1,559	8,846	7,056	51,899
1974	17,063	21,334	1,584	9,363	7,589	56,934
1975	16,724	20,154	1,614	10,023	7,122	55,637
1976	18,431	19,472	1,860	11,609	6,728	58,101
1977	23,648	21,633	2,020	14,637	6,795	68,733
1978	30,815	25,353	2,292	18,205	7,137	83,803
1979	39,082	30,257	2,655	22,076	6,349	100,418
1980	46,504	33,895	2,848	22,049	6,112	111,408
1981	52,294	39,529	3,345	21,960	10,794	127,922
1982	53,674	46,275	3,763	22,041	14,245	139,997
1983	54,418	48,847	4,136	23,898	17,486	148,785
1984	57,821	49,013	3,935	28,953	14,179	153,901
1985	61,884	49,302	3,377	34,215	16,019	164,797
1986	64,181	53,605	2,685	33,376	16,648	170,495
1987	69,951	50,274	2,475	31,615	13,199	167,514
1988	79,970	50,772	2,680	31,830	13,821	179,073
1989	102,498	52,003	2,636	32,837	15,559	205,533
1990	127,350	55,595	2,978	33,460	13,643	233,026
1991	127,445	49,814	3,016	31,931	14,174	226,380
1992	119,183	40,194	3,029	28,922	11,338	202,666
1993	107,178	33,510	3,186	23,987	23,534	191,395
1994	118,111	39,383	3,441	20,277	18,702	199,914
1995	117,260	44,409	3,688	19,049	25,252	209,658
1996	123,152	51,532	4,045	25,044	31,980	235,753
1997	131,148	72,941	4,683	26,921	41,932	277,625
1998	124,819	81,642	5,366	26,317	55,589	293,733
1999	99,816	57,517	3,846	14,397	13,251	188,827
2000	108,806	63,149	4,471	14,177	14,420	205,023
2001	145,732	62,534	4,764	16,332	12,565	241,927
2002	194,668	61,008	4,930	20,902	12,385	293,893
2003	248,152	54,838	5,371	26,207	10,161	344,729
2004 b/	128,575	33,551	2,477	13,830	6,419	184,852
2005	155,616	38,889	2,684	15,695	6,752	219,636
2006	171,125	45,584	3,253	16,329	6,304	242,595
2007	190,656	51,826	3,725	16,936	7,476	270,619

a/ As of December call reports.
b/ Numbers for 2004 are considerably lower than 2003 because
Wells Fargo moved its headquarters from California to South Dakota.
Detail may not add due to rounding.

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TABLE L-3

SELECTED BALANCE SHEET ITEMS FOR INSURED COMMERCIAL BANKS
IN CALIFORNIA AS OF YEAR END 2000 TO 2007 a/
(In thousands)

	2000	2001	2002	2003	2004	2005	2006	2007
State Banks: b/								
Total Deposits	$111,760,809	$119,322,130	$129,151,026	$117,674,739	$130,820,006	$153,980,173	$166,581,823	$165,366,450
Demand (Domestic)	14,465,295	14,357,272	16,725,233	16,640,888	18,233,787	19,598,603	16,487,004	14,954,340
Time (Domestic)	45,659,116	44,353,481	41,576,781	39,990,817	44,026,035	59,133,198	70,350,088	71,657,002
Savings (Domestic)	50,013,871	59,632,788	70,271,524	60,481,609	66,822,417	73,997,300	76,854,183	74,642,042
NOW Accounts c/ (Domestic)	3,344,985	2,837,455	2,812,460	3,094,830	3,412,116	3,038,697	2,741,475	2,703,900
Foreign Deposits	1,622,527	978,587	577,487	561,424	1,737,766	1,251,073	2,890,548	4,113,066
Total Assets	134,970,892	146,395,301	161,251,866	153,010,420	172,534,050	207,587,965	226,184,087	236,173,324
Total Loans and Leases	89,390,027	97,486,956	102,359,292	101,865,638	117,203,050	144,860,217	162,023,625	167,398,289
Total Loans d/	$86,923,689	$94,778,671	$100,001,138	$99,365,050	$114,955,962	$142,499,000	$159,422,388	$164,405,528
National Banks:								
Total Deposits	$126,746,500	$138,305,838	$176,783,065	$249,686,811	$87,491,021	$89,054,874	$90,993,520	$91,262,596
Demand (Domestic)	29,263,957	31,070,241	19,691,973	21,673,879	10,988,083	9,630,723	8,597,004	8,048,674
Time (Domestic)	31,359,300	25,923,168	32,758,502	53,476,192	16,225,124	17,552,928	25,084,698	26,387,814
Savings (Domestic)	59,689,504	72,566,665	99,271,944	155,248,089	57,686,965	59,424,610	54,270,104	53,225,529
NOW Accounts c/ (Domestic)	3,416,549	2,422,066	2,983,456	3,772,723	2,728,163	1,769,767	1,473,385	1,587,651
Foreign Deposits	6,433,739	8,745,765	25,060,645	19,288,651	2,590,849	2,446,613	3,041,714	3,600,579
Total Assets	185,035,695	214,428,172	267,471,593	341,659,073	106,988,606	112,690,795	124,084,147	140,887,735
Total Loans and Leases	117,620,148	146,159,346	193,228,801	244,711,123	69,508,723	76,142,544	81,533,506	105,356,931
Total Loans d/	$111,229,049	$139,911,595	$188,345,516	$243,438,221	$68,106,679	$74,497,605	$80,554,647	$104,552,526
All Commercial Banks:								
Total Deposits	$238,507,309	$257,627,968	$305,934,091	$367,361,550	$218,311,027	$243,035,047	$257,575,343	$256,629,046
Demand (Domestic)	43,729,252	45,427,513	36,417,206	38,314,767	29,221,870	29,229,326	25,084,008	23,003,014
Time (Domestic)	77,018,416	70,276,649	74,335,283	93,467,009	60,251,159	76,686,126	95,434,786	98,044,816
Savings (Domestic)	109,703,375	132,199,453	169,543,468	215,729,698	124,509,382	133,421,910	131,124,287	127,867,571
NOW Accounts c/ (Domestic)	6,761,534	5,259,521	5,795,916	6,867,553	6,140,279	4,808,464	4,214,860	4,291,551
Foreign Deposits	8,056,266	9,724,352	25,638,132	19,850,075	4,328,615	3,697,686	5,932,262	7,713,645
Total Assets	320,006,587	360,823,473	428,723,459	494,669,493	279,522,656	320,278,760	350,268,234	377,061,059
Total Loans and Leases	207,010,175	243,646,302	295,588,093	346,576,761	186,711,773	221,002,761	243,557,131	272,755,220
Total Loans d/	$198,152,738	$234,690,266	$288,182,949	$342,803,253	$183,062,641	$216,996,605	$239,977,035	$268,958,054
Real Estate Loans	$108,826,911	$145,760,062	$194,706,094	$248,186,217	$128,625,688	$155,711,316	$170,934,830	$190,926,552
1-4 Family (Domestic) e/	30,419,817	54,190,706	81,774,129	102,695,297	31,713,350	39,982,551	40,876,200	52,730,425
Multifamily (Domestic)	6,751,316	7,610,862	8,853,397	10,566,356	11,015,821	14,274,121	13,911,616	13,590,232
Commercial & Industrial Loans	64,223,530	63,571,513	61,725,237	55,485,731	34,211,999	39,713,539	46,730,193	53,675,396
Loans to Individuals f/	14,184,953	16,333,818	20,904,220	26,210,029	13,830,156	15,695,481	16,328,233	16,931,779
All Other Loans	$20,069,720	$18,221,759	$18,494,069	$16,936,827	$10,281,654	$7,390,200	$6,526,401	$7,670,833

a/ All data include banks with foreign operations.
b/ State Banks include Non-member and State Member Banks.
c/ NOW: Negotiated Order of Withdrawal.
d/ Total loans equals gross loans minus leases and minus unearned income.
e/ Excludes home equity loans.
f/ Loans to individuals is all consumer loans.

Federal Deposit Insurance Corporation
Division of Insurance and Research, Statistics Branch
(202) 898-3939

TABLE L-4

LOANS AND SAVINGS CAPITAL, SAVINGS AND LOAN ASSOCIATIONS a/
CALIFORNIA, 1960 TO 2007
(Dollars in millions)

Year	Mortgage Loans Closed During the Year	End of year Mortgage Loans Outstanding	End-of-Year Savings	Net new Savings During the Year b/
1960	$2,955	$9,141	$8,885	n.a.
1961	4,147	11,241	10,778	n.a.
1962	5,590	13,941	13,339	n.a.
1963	7,691	17,677	16,536	n.a.
1964	7,137	20,529	19,300	n.a.
1965	5,825	22,176	20,993	n.a.
1966	2,953	22,477	21,215	($610)
1967	3,641	23,558	23,469	1,360
1968	3,914	25,154	24,283	(122)
1969	3,845	26,780	23,889	(1,395)
1970	3,517	28,250	25,040	115
1971	6,576	31,907	30,054	3,776
1972	8,809	37,199	35,660	4,114
1973	7,735	41,113	37,836	476
1974	6,413	43,758	39,359	(349)
1975	10,689	49,100	47,147	5,565
1976	17,903	58,553	57,102	7,218
1977	24,888	70,734	66,918	6,480
1978	24,391	80,765	74,896	4,180
1979	25,574	92,512	84,166	4,814
1980	16,074	98,196	89,693	106
1981	10,504	107,866	96,163 c/	(5,815)
1982	14,082	105,927	108,712	1,281
1983	42,594	132,297	147,857	29,205
1984	54,120	166,477	188,761	28,457
1984	56,024 d/	159,562 e/	189,788	28,355
1985	56,444	173,076	199,907	(4,056)
1986	84,949	183,485	218,132	6,062
1987	91,422	203,723	239,780	9,824
1988	100,451	238,317	258,855	3,400
1989	81,729	245,077	255,006	(20,202)
1990	74,275	233,839	249,133	(19,326)
1991	60,370	215,716	232,171	(18,524)
New series:				
1992	76,854	190,763	204,856	(24,802)
1993	73,555	185,939	198,206	(18,718)
1994	61,389	175,923	178,987	(5,465)
1995	36,846	163,756	165,949	(3,247)
1996	40,192	174,924	166,833	(11,742)
1997	52,594	192,798	172,791	(6,646)
1998	74,353	184,677	166,541	(6,176)
1999	79,822	196,268	159,757	(8,158)
2000	92,071	226,920	166,548	180
2001	166,672	263,500	192,176	16,452
2002	259,198	287,615	214,955	24,595
2003	426,348	341,282	230,949	13,046
2004	380,035	451,350	261,900	30,567
2005 f/	315,657	277,215	136,204	20,221
2006	191,685	184,244	112,559	13,913
2007	80,137	54,118	46,507	n/a

a/ Beginning in 1992, savings associations and savings banks under the control of the Resolution Trust Corpo
Beginning in 1995, savings and loan institutions that are not headquartered in California are excluded from th
b/ New savings received less withdrawals excludes interest credited to savings accounts before 1987.
c/ Beginning in 1981, includes data from branch offices outside of California.
d/ Not comparable to prior data due to a change in reporting. When a loan is refinanced at the same institutic
the total amount of the refinanced loan is reported. Formerly, only the net amount of additional financing was
e/ Not comparable to prior data due to a change in reporting. Includes certain government-insured mortgages
and excludes loans in process that were formerly included.
f/ Reflects the operations of Washington Mutual Bank for the first two quarters of 2005. Washington Mutual m
from California to Nevada during the third quarter of 2005.
n/a Net new savings is no longer captured in the Thrift Financial Report beginning in 2007.

Sources: Old series - Federal Home Loan Bank of San Francisco
New series - Office of Thrift Supervision, (650) 746-7018

TABLE L-5

SELECTED DATA ON FEDERALLY CHARTERED CREDIT UNIONS
CALIFORNIA, 1960 TO 2007 a/
(Dollars in thousands)

Year b/	Number of Credit Unions	Number of Members	Total Assets	Shares	Total Loans Outstanding
1960	1,014	787,450	$383,723	$340,165	$313,245
1961	1,056	852,214	441,302	393,828	347,402
1962	1,081	927,654	511,824	453,316	409,969
1963	1,106	1,015,808	601,294	533,445	473,297
1964	1,128	1,102,380	699,250	618,385	550,150
1965	1,142	1,192,932	785,707	693,993	636,454
1966	1,185	1,309,746	861,285	753,300	718,046
1967	1,209	1,407,640	946,456	834,393	768,772
1968	1,225	1,492,051	1,055,097	923,136	883,881
1969	1,255	1,585,602	1,191,712	1,034,749	1,024,828
1970	1,249	1,181,164	1,360,754	1,181,164	1,109,716
1971	1,225	1,746,653	1,626,494	1,436,952	1,267,686
1972	1,232	1,871,287	1,928,350	1,715,276	1,471,791
1973	1,239	2,045,500	2,272,202	1,987,138	1,758,048
1974	1,230	2,282,543	2,737,187	2,367,268	2,106,113
1975	1,208	2,445,115	3,403,739	2,994,889	2,498,064
1976	1,189	2,683,441	4,185,397	3,668,616	3,150,913
1977	1,164	2,995,904	5,374,256	4,613,661	4,119,205
1978	1,143	3,421,378	6,374,125	5,408,209	5,110,916
1979	1,108	3,682,794	6,616,630	5,737,523	4,994,833
1980	1,057	3,968,900	6,950,809	6,286,440	4,410,825
1981	980	4,159,003	6,826,930	6,158,178	4,365,916
1982	906	4,446,793	7,275,638	6,631,732	4,420,910
1983	850	3,975,086	8,684,128	7,999,116	5,202,513
1984	814	3,990,110	10,847,424	9,533,799	6,448,805
1985	790	5,967,495	16,205,219	15,214,141	10,499,988
1986	766	4,307,160	15,211,422	14,011,223	8,889,415
1987 c/	742	n.a.	17,102,244	15,682,029	10,666,409
1988	712	5,059,752	18,629,617	17,019,032	12,266,802
1989	684	4,883,226	19,615,848	17,858,665	13,459,301
1990	650	4,998,281	21,271,589	19,328,704	13,971,533
1991	625	5,022,200	21,268,763	21,100,514	13,859,333
1992	605	4,934,018	25,837,643	23,294,827	13,770,205
1993	582	5,230,818	26,871,936	24,009,760	14,335,667
1994	576	5,080,085	28,456,799	25,087,017	16,487,583
1995	564	5,172,088	30,357,177	26,122,059	17,459,814
1996	544	5,283,344	32,045,812	28,205,807	19,768,024
1997	530	5,351,183	33,998,102	29,879,094	21,192,644
1998	503	4,955,316	35,392,954	31,251,743	20,884,551
1999	474	4,584,099	32,690,699	28,525,289	19,659,422
2000	436	4,197,108	30,266,071	26,416,467	19,722,107
2001	408	4,053,486	33,264,397	29,260,950	20,332,106
2002	387	3,975,966	36,497,723	32,084,912	20,468,811
2003	373	4,000,387	40,331,846	35,357,524	22,478,671
2004	358	4,015,237	43,874,905	38,095,470	26,022,720
2005	348	3,989,005	45,619,772	38,780,279	29,560,588
2006	334	3,987,946	46,952,855	39,608,696	32,440,084
2007	313	4,029,999	49,183,236	41,040,496	34,720,836

a/ Regulated by the National Credit Union Administration.
b/ As of December 31st.
c/ Due to a change in reporting procedures, state data on the number of members were not available.
n.a. Not available

California Department of Financial Institutions
Office of Strategic Support
(415) 263-8559
http://www.dfi.ca.gov/

TABLE L-6

SELECTED DATA ON
STATE CHARTERED CREDIT UNIONS
CALIFORNIA, 1960 TO 2007
(Dollars in thousands)

Year a/	Number of Credit Unions	Number of Members	Total Assets	Shares	Total Loans Outstanding	Real Estate Loans Outstanding
1960	568	573,548	$304,885	$263,793	$266,374	$41,676
1961	573	630,121	350,725	308,711	296,058	44,724
1962	578	675,287	396,343	343,890	340,125	47,736
1963	582	709,911	448,963	394,587	382,766	44,573
1964	597	788,816	513,302	449,214	437,040	53,971
1965	587	828,389	577,007	496,601	500,689	54,874
1966	623	889,636	639,154	549,351	568,782	64,561
1967	636	955,166	712,321	617,575	613,189	64,600
1968	626	1,006,190	795,758	684,727	696,891	83,837
1969	623	1,077,259	891,033	772,482	788,420	94,154
1970	631	1,139,372	998,764	868,721	858,839	101,161
1971	599	1,182,550	1,152,210	1,004,478	976,271	102,925
1972	590	1,248,463	1,330,711	1,160,215	1,105,569	110,489
1973	596	1,296,105	1,511,003	1,316,539	1,287,143	146,789
1974	591	1,312,193	1,615,949	1,420,664	1,396,985	185,955
1975	587	1,341,288	1,935,507	1,710,369	1,621,089	224,553
1976	576	1,503,437	2,232,994	2,057,351	1,991,402	297,474
1977	556	1,601,603	2,851,789	2,504,181	2,453,162	408,251
1978	534	1,678,279	3,261,776	2,842,131	2,903,915	607,752
1979	493	1,825,160	3,535,214	2,877,833	3,065,665	598,067
1980	478	1,973,513	3,798,533	3,189,679	2,977,642	615,902
1981	450	1,975,104	3,794,317	3,221,836	3,011,722	655,907
1982	417	1,921,032	3,788,929	3,351,392	2,710,921	607,421
1983	397	2,040,746	4,761,669	4,258,249	3,286,588	650,527
1984	376	2,010,832	5,439,894	4,885,542	4,088,618	855,287
1985	360	2,074,771	6,384,522	5,854,804	4,568,946	983,565
1986	345	2,122,970	7,699,129	7,094,187	5,247,434	1,374,204
1987	326	2,137,891	8,108,128	7,439,497	5,801,525	1,844,562
1988	312	2,261,269	8,895,818	8,151,271	6,599,922	2,623,122
1989	275	2,313,126	9,293,977	8,467,293	6,974,235	2,635,802
1990	265	2,358,936	10,325,761	9,402,881	7,561,728	3,190,475
1991	254	2,333,500	11,372,583	10,355,212	7,570,761	3,236,325
1992	242	2,385,573	12,758,760	11,600,351	7,595,971	3,300,367
1993	224	2,521,153	13,560,348	12,227,138	8,252,600	3,302,305
1994	211	2,436,183	13,691,851	12,218,183	8,992,988	3,454,237
1995	190	2,425,237	13,298,425	12,569,941	9,335,186	3,513,875
1996	193	2,455,614	14,648,293	12,995,540	9,861,503	3,724,513
1997	193	2,577,844	15,944,832	14,080,775	10,941,143	4,304,207
1998	198	3,058,407	20,532,005	18,124,121	13,442,464	5,623,837
1999	213	3,896,865	27,740,983	24,203,667	19,265,862	7,960,170
2000	216	4,567,307	35,812,795	31,243,381	24,863,534	10,486,634
2001	218	5,035,301	43,740,158	38,454,750	28,804,705	12,736,490
2002	223	5,384,212	50,534,127	44,254,392	32,156,132	14,822,936
2003	216	5,534,401	55,603,177	48,543,684	35,586,906	17,066,524
2004	212	5,711,486	61,775,646	53,354,002	41,150,330	21,939,226
2005	207	5,843,985	65,426,184	55,509,708	46,064,824	24,543,723
2006	203	5,947,761	69,091,279	57,607,257	50,096,236	27,182,234
2007	196	6,068,564	71,423,521	59,223,276	51,841,605	29,828,798

a/ As of December 31st.

California Department of Financial Institutions
Office of Strategic Support
(415) 263-8559
http://www.dfi.ca.gov/

TABLE L-7

SELECTED DATA ON FINANCE COMPANIES
CALIFORNIA, 1971 TO 2007 a/
(Dollars in thousands)

Year b/	Number of Loans Made	Total Principal Amount of Loans Made	Consumer Loans Under $10,000 and Commercial Loans Under $5,000: Secured by Personal Property	Consumer Loans Under $10,000 and Commercial Loans Under $5,000: Secured by Personal Property and Real Property	Consumer Loans of $10,000 or More and Commercial Loans of $5,000 or More
1971	1,170,013	$1,897,472	$1,153,541	$54,150	$689,781
1972	1,210,311	1,973,792	1,268,113	62,418	643,261
1973	1,202,884	2,424,236	1,344,871	90,028	989,337
1974	1,024,276	2,403,516	1,212,864	111,590	1,079,062
1975	883,047	2,234,827	1,114,707	156,257	963,863
1976	995,459	2,756,599	1,287,307	212,665	1,256,627
1977	1,073,690	3,047,796	1,393,534	224,676	1,429,586
1978	1,141,163	3,562,541	1,530,849	189,625	1,842,064
1979	1,097,742	5,265,756	1,408,269	182,030	3,675,457
1980	644,632	3,925,512	857,357	187,819	2,880,336
1981	424,672	4,754,757	532,610	203,507	4,018,640
1982	372,192	4,034,562	556,396	125,110	3,353,056
1983	462,319	5,946,563	790,603	104,839	5,051,121

Year b/	Number of Loans Made	Total Principal Amount of Loans Made	Consumer and Commercial Loans Over $5,000: Secured by Personal Property	Consumer and Commercial Loans Over $5,000: Secured by Personal Property and/or Real Property	Consumer Loans Under $5,000
1984 c/	713,094	$9,871,291	$5,403,132	$3,388,735	$1,079,424
1985	939,829	10,772,085	2,749,887	7,319,781	1,253,371
1986	806,792	15,946,053	6,460,085	8,450,462	1,144,000
1987	958,181	26,452,306	8,024,683	17,104,574	1,323,049
1988	968,431	20,582,185	7,021,873	12,268,213	1,292,099
1989	1,515,485	35,833,527	10,458,717	23,743,634	1,631,176
1990	1,459,868	26,906,726	8,865,082	16,531,192	1,510,452
1991	1,520,609	32,026,364	15,317,468	15,109,753	1,599,143
1992	1,539,309	52,258,602	29,899,590	20,749,686	1,609,326
1993	1,505,290	53,747,873	21,685,454	30,470,016	1,592,403
1994	2,034,118	45,818,399	21,630,002	22,356,148	1,832,249
1995 d/	2,601,804	53,859,078	34,890,791	17,119,222	1,849,065
1996	2,831,313	58,488,915	46,386,348	9,997,872	2,104,695
1997	3,078,334	79,336,870	59,552,257	17,968,050	1,816,563
1998	2,912,288	96,772,881	64,572,252	31,041,100	1,159,528
1999	3,032,409	106,276,270	68,117,802	36,822,591	1,335,877
2000	3,006,443	87,886,670	n.a.	n.a.	n.a.
2001	3,530,073	137,947,618	98,697,759	38,273,499	976,360
2002	3,522,892	179,873,084	118,834,687	59,909,015	1,129,382
2003	5,140,316	278,153,216	106,155,171	170,902,852	1,095,193
2004	4,167,772	246,616,650	73,860,927	171,867,989	887,733
2005	3,653,036	285,178,702	77,643,983	206,806,149	728,570
2006	3,940,311	315,492,844	85,319,747	229,485,075	688,021
2007	2,893,697	202,350,867	100,432,238	101,368,812	549,818

a/ Finance companies are licensed under the Personal Property Brokers Law, the Consumer Finance Lender Law, and/or the Commercial Finance Lenders Law.
b/ Data refer to loans made during each year.
c/ In 1984 the categories for reporting loans changed due to changes in regulations about types of
d/ Effective July 1, 1995, the Personal Property Brokers Law, the Consumer Finance Lenders Law and the Commercial Finance Lenders Law were consolidated without substantive changes into the California Finance Lenders Law. Activity prior to the July 1, 1995 effective date of the Law were categorized for reporting purposes as if the Law had been in effect on January 1, 1995.
n.a. Not available

Source: California Department of Corporations, Annual Reports, "Operation of Finance Companies Licensed under the California Finance Lenders Law" http://www.corp.ca.gov/

TABLE L-8

SELECTED DATA ON INDUSTRIAL LOAN COMPANIES,
CALIFORNIA, 1971 TO 2007 a/
(Dollars in thousands)

			Consumer Loans c/		Commercial Loans c/		Premium Finance Agencies c/	
Year	Total Assets b/	Investment Certificates	Number of Loans Made	Principal Amount of Loans Made	Number of Loans Made	Principal Amount of Loans Made	Number of Loans Made	Principal Amount of Loans Made
1971	$456,632	$307,393	170,330	$328,597 d/	--	--	75,242	$66,540
1972	523,969	344,209	199,737	381,595 d/	--	--	78,681	75,623
1973	542,939	381,150	189,278	358,728 d/	--	--	79,893	80,971
1974	560,343	420,069	179,473	351,119	1,359	$17,987	81,645	86,655
1975	613,119	475,922	166,339	361,887	1,453	20,651	79,804	107,310
1976	687,399	537,212	202,104	428,453	25,467	106,897	19,057	43,303
1977	772,406	608,832	209,259	451,880	28,277	144,528	14,206	48,853
1978	875,928	678,918	209,884	509,688	30,320	175,828	17,849	63,160
1979	1,007,766	766,963	197,740	549,796	33,894	185,920	18,822	74,328
1980	1,120,406	857,038	155,747	448,205	39,367	231,007	22,521	85,678
1981	1,262,858	963,275	97,141	377,766	4,214	119,556	29,884	100,693
1982	1,630,687	1,266,241	114,501	513,202	4,020	165,059	22,964	101,072
1983	2,035,330	1,621,750	140,240	609,720	4,421	207,448	26,399	98,180
1984	2,325,240	1,896,856	94,777	558,180	4,612	223,684	21,843	110,495
1985	2,508,680	2,032,165	103,964	562,957	7,347	274,318	28,582	305,328
1986	2,677,784	2,172,610	107,620	651,828	3,046	210,821	29,669	420,856
1987	2,997,975	2,426,423	152,471	935,363	3,353	296,311	91,310	1,010,116
1988	3,624,578	2,972,660	131,188	1,193,194	4,227	456,274	113,773	1,040,359
1989	4,436,825	3,758,376	95,920	1,350,903	8,354	593,054	140,291	938,028

			Total Loans c/ e/		Premium Finance Agencies c/	
Year	Total Assets b/	Investment Certificates	Number of Loans Made	Principal Amount of Loans Made	Number of Loans Made	Principal Amount of Loans Made
1990	$5,162,959	$4,596,822	115,139	$2,506,023	244,765	$1,473,558
1991	5,105,502	4,393,714	118,010	2,579,089	226,407	1,610,960
1992	5,585,231	4,644,093	134,988	5,881,095	179,558	1,816,514
1993	6,681,365	5,208,329	138,724	8,633,796	187,316	1,921,889
1994	7,215,549	5,566,979	127,432	5,078,779	199,152	2,097,480
1995	7,824,539	6,178,424	126,223	3,470,513	186,514	1,940,041
1996	6,307,611	5,137,879	121,906	4,286,369	234,904	2,114,751
1997	6,967,867	5,863,888	n.a.	5,671,357	n.a.	380,528
1998	7,342,193	7,649,115	n.a.	7,342,193	n.a.	272,178
1999	9,933,880	8,564,505	n.a.	8,385,826	n.a.	235,589
2000	10,934,108	9,348,866	n.a.	9,217,418	n.a.	140,196
2001	11,529,240	9,368,082	n.a.	9,960,289	n.a	180,025
2002	12,606,944	9,296,958	n.a.	10,861,174	n.a.	205,185
2003	13,446,171	9,609,899	n.a.	11,841,110	n.a.	392,978
2004	14,701,013	10,624,440	n.a.	13,110,040	n.a.	342,590
2005	17,263,515	12,570,536	n.a.	15,673,959	n.a.	518,422
2006	17,332,450	15,398,509	n.a.	13,473,157	n.a.	n.a
2007	12,152,135	10,430,096	n.a.	7,320,475	n.a.	1,319,097

a/ Industrial loan companies are licensed lenders who are exempt from the usury law and who make unsecured and secured loans. This Schedule does not include mortgage bankers licensed under the Industrial Loan Law.
b/ As of December 31st. From 1971-1984, total assets include thrift companies, non-thrift companies and premium finance companies. Beginning with 1985, total assets do not include premium finance companies.
c/ Prior to 1997, data refer to loans made during the year.
From 1997 forward, data refer to total loans on the books at year end.
d/ Includes commercial loans.
e/ Total loans made - includes both consumer and commercial loans. Department of Corporations did not require a breakdown beginning in 1990.
n.a. Not available

California Department of Financial Institutions
Office of Strategic Support
(415) 263-8559
http://www.dfi.ca.gov/

TABLE L-9

SELECTED STATISTICS ON FINANCE, INSURANCE, AND REAL ESTATE INDUSTRIES, CALIFORNIA, 1992 a/
(Dollar amounts in thousands)

1987 SIC Code	Kind of business	Number of Establish-ments b/	Revenue c/	Payroll, entire year	Number of paid employees for week including March 12
60	Depository institutions	11,079	$65,274,514	$6,947,149	234,171
602	Commercial banks	5,746	29,229,685	4,224,673	145,006
603	Savings institutions	2,982	17,724,168	1,716,185	59,775
606	Credit unions	1,293	2,859,343	408,910	16,641
601, 8, 9	Other depository institutions	1,058	15,461,318	597,381	12,749
601	Central reserve depository institutions	3	4,548,964	83,220	2,260
6011	Federal reserve banks	2	2,265,622	72,936	2,068
608	Foreign banking and branches and agencies of foreign banks	126	9,869,511	211,433	3,385
609	Functions related to depository banking	929	1,042,843	302,728	7,104
61	Nondepository credit institutions	6,867	17,952,868	2,589,989	67,734
614	Personal credit institutions	1,754	6,071,300	528,634	18,265
6141 pt.	Automotive sales finance companies	236	2,802,714	171,782	5,477
6141 pt.	Sales finance companies, except automotive	199	534,966	54,668	1,389
6141 pt.	Consumer and personal finance and small loan companies	1,168	2,152,915	233,399	9,451
6141 pt.	Personal credit institutions, n.e.c.	151	580,705	68,785	1,948
611, 5, 6	Other nondepository credit institutions	5,113	11,881,568	2,061,355	49,469
611	Federal and federally-sponsored credit agencies	64	1,791,421	48,223	1,201
615	Business credit institutions	755	4,562,709	452,139	10,505
616	Mortgage bankers and brokers	4,294	5,527,438	1,560,993	37,763
62	Security and commodity brokers, dealers, exchanges, and services	3,636	8,505,457	3,144,881	40,872
621	Security brokers, dealers, and flotation companies	1,826	6,121,241	2,332,236	29,342
622	Commodity contracts brokers and dealers	62	87,738	13,252	264
623, 8	Security and commodity exchanges and allied services	1,748	2,296,478	799,393	11,266
63	Insurance carriers	4,462	93,149,763	5,703,258	158,042
631	Life insurance	1,062	31,872,815	1,290,631	39,186
632	Accident and health insurance and medical service plans	317	24,186,583	847,695	25,004
633	Fire, marine, and casualty insurance	2,302	34,173,390	2,815,585	73,370
636	Title insurance	426	2,098,851	516,756	14,238
635	Surety insurance	97	574,730	82,156	1,857
637	Pension, health, and welfare funds	245	234,546	114,610	3,552
639	Insurance carriers, n.e.c.	13	8,848	35,825	835
64	Insurance agents, brokers, and services	12,116	6,429,837	2,393,410	69,979
65	Real estate	32,813	22,579,871	4,201,634	180,073
651	Real estate operators (except developers) and lessors	15,443	12,129,033	1,301,041	70,003
6512	Operators of nonresidential buildings	4,495	6,344,305	691,521	27,376
6513	Operators of apartment buildings	7,565	4,286,659	450,449	32,071
6514, 5, 7, 9	Other real estate operators and lessors	3,383	1,498,069	159,071	10,556
653	Real estate agents and managers	15,432	8,212,580	2,370,291	93,153
654, 5	Other real estate	1,938	2,238,258	530,302	16,917
654	Title abstract offices	284	340,418	137,949	4,285
655	Land subdividers and developers	1,654	1,897,840	392,353	12,632
67	Holding and other investment offices	2,291	5,219,561	994,138	17,551
671	Holding offices	807	2,473,475	543,650	9,426
672	Investment offices	105	401,462	94,478	823
673	Trusts	n.a.	n.a.	n.a.	n.a.
679	Miscellaneous investing	1,379	2,344,624	356,010	7,302

a/ Initial census.
b/ Establishments (single physical location) with payroll.
c/ Includes net premiums earned by insurance carriers, commissions and fees from all sources, net investment income, interest, dividends and royalties.
n.a. Not available
Note: The 2002 Economic Census reports are now available and presented in Section Q of this report. It is based on a new industrial classification system. As a result, comparison between census years may not be possible.

Source: U.S. Department of Commerce, Bureau of the Census, 1992 Census of Financial, Insurance and Real Estate Industries
http://www.census.gov/

Department of Finance, Economic Research Unit, (916) 322-2263

SECTION M
PUBLIC FINANCE

Data relating to the financial operation of governmental agencies in California are summarized in this section. The information includes federal government revenues and expenditures from and to California as well as revenues and expenditures of state and local governments. Selected data on property taxes in the state are also included.

The sources are the US Department of Commerce, Bureau of the Census, State Controller, California Department of Education, California Community Colleges, Board of Equalization, Franchise Tax Board, and Department of Finance.

TABLE M-1

FEDERAL REVENUES AND EXPENDITURES IN CALIFORNIA, FISCAL YEARS 1970-71 TO 2006-07
(In millions)

Fiscal year a/	Revenues	Expendi-tures
1970-71	$17,630	$23,453
1971-72	18,963	25,617
1972-73	21,386	28,418
1973-74	24,959	31,380
1974-75	28,510	36,782
1975-76	28,092	41,330
1976-77	37,997	47,195
1977-78	42,773	49,601
1978-79	49,558	52,534
1979-80	58,873	61,464
1980-81	67,150	69,416
1981-82	71,542	77,501
1982-83	70,893	86,364
1983-84	76,624	91,713
1984-85	85,348	97,814
1985-86	89,604	100,860
1986-87	101,445	100,753
1987-88	108,332	102,366
1988-89	118,854	108,639
1989-90	127,796	115,802
1990-91	128,585	127,684
1991-92	128,889	139,695
1992-93	129,532	147,364
1993-94	136,166	155,391
1994-95	149,185	152,534
1995-96	164,752	157,446
1996-97	174,863	160,874
1997-98	199,106	161,571
1998-99	216,811	166,050
1999-00	258,601	175,751
2000-01	264,873	188,517
2001-02	232,302	206,401
2002-03	227,611	219,706
2003-04	237,931	232,387
2004-05	265,784	242,023
2005-06	299,521	253,906
2006-07	313,999	n.a.

a/ U.S. fiscal year: October through September
n.a. Not available
Sources:
Internal Revenue Service Data Book
http://www.irs.ustreas.gov/prod/tax_stats/

Bureau of the Census, Consolidated Federal Funds Rep
http://www.census.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-2

FEDERAL DIRECT EXPENDITURES OR OBLIGATIONS TO CALIFORNIA, BY TYPE, 2005-06
(In thousands)

	2005-06
Total	$253,905,831
Defense	46,235,976
Non-defense	207,669,855
Total direct payments for individuals c/	132,306,723
Retirement and disability payments	70,007,005
Other than for retirement and disability	62,299,718
Grant awards, total b/	54,946,643
Procurement contract awards, total	43,270,738
Defense	32,131,268
Non-defense	11,139,471
Salaries and wages, total	23,381,726
Defense a/	10,219,969
Non-defense	13,161,757
U.S. Postal service	6,124,250
Other	7,037,507
Other federal assistance, total d/	74,385,612
Direct loans	1,394,223
Guaranteed loans	9,791,991
Insurance	63,199,398

a/ See Table M-3 for detail.
b/ See Table M-4 for detail.
c/ See Table M-5 for detail.
d/ See Table M-6 for detail.

Source: U.S. Department of Commerce, Bureau of the Census,
Consolidated Federal Funds Report
http://www.census.gov/

Tables M1 through M3:
Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-3

FEDERAL EXPENDITURES FOR
SALARIES AND WAGES, CALIFORNIA, 2005-06
(In thousands)

Agency	2005-06
Total	23,381,726
Department of Defense, total a/	10,219,969
Military, total	9,853,807
Active	6,867,014
Inactive	660,546
Civilian	2,326,247
Other civilians	366,162
Postal service	6,124,250
All other federal agencies	7,037,507

a/ Department of Defense data represent salaries, wages, and compensation, such as housing allowances; distributions by state are based on duty station.

Source: U.S. Department of Commerce, Bureau of the Census
Consolidated Federal Funds Report
http://www.census.gov/

TABLE M-4

FEDERAL GRANTS TO STATE AND LOCAL
GOVERNMENTS, CALIFORNIA, 2005-06 a/
(In thousands)

Agency	2005-06
Total	$54,946,643
Department of Agriculture	3,146,172
Department of Commerce	106,763
Corporation for National and Community Service	104,578
Corporation for Public Broadcasting	9,952
Department of Defense	349,287
Department of Education	4,505,032
Election Assistance Commission	0
Department of Energy	248,582
Environmental Protection Agency	289,970
Equal Employment Opportunity Commission	2,549
Department of Health and Human Services	34,448,727
Department of Homeland Security	243,463
Department of Housing and Urban Development	3,660,230
Institute of Museum and Library Services	20,331
Department of the Interior	211,917
Department of Justice	669,916
Department of Labor	520,438
National Aeronautics and Space Admnistration	155,756
National Archives and Records Administration	777
National Endowment for the Arts	9,048
National Endowment for the Humanities	8,358
National Science Foundation	743,413
Small Business Administration	11,661
Social Security Administration	2,386
Department of State	31,775
State Justice Institute	64
Department of Transportation	5,403,269
Department of the Treasury	1,548
Department of Veterans Affairs	25,872
Other	14,808

a/ Represents actual expenditures of the Federal government.
Detail may not add to total because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census,
Consolidated Federal Funds Report
http://www.census.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-5

FEDERAL DIRECT PAYMENTS FOR INDIVIDUALS
CALIFORNIA, 2005-06
(In thousands)

Program	2005-06
Total	$132,306,723
Social Security:	
Retirement insurance	33,490,532
Survivors insurance	9,567,097
Disability insurance	8,859,092
Supplemental security income	5,570,903
Federal Retirement and Disability:	
Civilian	5,075,540
Military	3,535,452
Veterans Benefits:	
Service connected	2,171,319
Nonservice connected	602,602
Medicare:	
Hospital insurance	20,565,153
Supplementary medical insurance	19,889,444
Excess earned income tax credits	3,884,896
Unemployment compensation	3,998,693
Food stamps	2,363,070
Housing assistance	700,530
Agricultural assistance	1,325,676
Federal employees life and health insurance	1,668,262
Other	9,038,463

Detail may not add to total because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census,
Consolidated Federal Funds Report
http://www.census.gov/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-6

FEDERAL LOAN AND INSURANCE PROGRAMS
VOLUME OF ASSISTANCE PROVIDED a/
CALIFORNIA, 2005-06
(In thousands)

Program	2005-06
Direct loans, total a/	$1,394,223
Agriculture	137,524
Student loans	1,157,679
Other	99,019
Guaranteed loans, total b/	$9,791,991
Mortgage insurance for homes	806,224
Family education loan program	4,176,297
Veterans housing guaranteed and insured loans - VA home loans	1,308,560
Mortgage insurance - condominiums	75,395
U.S.D.A.	267,870
Small business	3,147,993
Other	9,653
Insurance, total c/	$63,199,398
Flood	58,751,236
Crop	4,184,209
Foreign investment	10,149
Life insurance for veterans	180,656
Other	73,147

a/ Amounts represent dollar volume of direct loans made during the fiscal year.
b/ Amounts represent dollar volume of loans guaranteed during the fiscal year.
c/ Amounts represent dollar volume of the face value of insurance coverage provided during the fiscal year.
Detail may not add to total because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census,
Consolidated Federal Funds Report
http://www.census.gov/

Tables M-6 and M-7:
Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-7

FEDERAL EXPENDITURES BY COUNTY, CALIFORNIA a/, 2005-06
(In thousands)

County	Total	Department of Defense	All other agencies
Total	$253,905,831	$46,235,976	$207,669,855
Alameda	12,061,170	541,569	11,519,601
Alpine	7,427	77	7,350
Amador	239,536	5,754	233,782
Butte	1,413,398	22,515	1,390,883
Calaveras	279,615	5,840	273,775
Colusa	157,684	882	156,801
Contra Costa	5,377,555	559,992	4,817,562
Del Norte	193,221	2,058	191,163
El Dorado	821,783	35,465	786,319
Fresno	5,101,301	159,973	4,941,327
Glenn	236,947	1,977	234,969
Humboldt	930,972	55,922	875,050
Imperial	979,907	77,982	901,925
Inyo	249,850	93,730	156,120
Kern	4,888,393	938,966	3,949,428
Kings	800,858	239,497	561,361
Lake	497,692	6,420	491,271
Lassen	279,544	49,446	230,098
Los Angeles	64,519,047	11,612,167	52,906,880
Madera	729,210	10,498	718,712
Marin	1,441,166	59,139	1,382,027
Mariposa	142,823	7,976	134,848
Mendocino	706,046	6,770	699,276
Merced	1,243,713	67,477	1,176,236
Modoc	103,258	10,441	92,817
Mono	62,737	11,595	51,142
Monterey	2,537,228	674,127	1,863,101
Napa	834,981	22,592	812,390
Nevada	640,120	110,455	529,665
Orange	15,459,797	3,096,522	12,363,275
Placer	1,541,424	83,704	1,457,720
Plumas	183,505	14,493	169,011
Riverside	8,603,706	753,124	7,850,583
Sacramento	15,295,868	2,959,524	12,336,344
San Benito	196,883	22,880	174,003
San Bernardino	9,495,935	1,649,720	7,846,214
San Diego	28,811,938	12,423,470	16,388,467
San Francisco	8,612,889	441,906	8,170,983
San Joaquin	3,296,806	224,157	3,072,649
San Luis Obispo	1,362,863	70,906	1,291,957
San Mateo	4,174,677	244,742	3,929,936
Santa Barbara	3,234,869	1,045,898	2,188,971
Santa Clara	13,835,278	5,172,788	8,662,490
Santa Cruz	1,298,520	24,409	1,274,111
Shasta	1,340,006	22,441	1,317,566
Sierra	30,201	494	29,707
Siskiyou	387,918	5,041	382,877
Solano	2,922,425	1,066,566	1,855,859
Sonoma	2,503,884	73,030	2,430,853
Stanislaus	2,451,466	67,199	2,384,268
Sutter	469,861	29,744	440,116
Tehama	367,300	7,508	359,792
Trinity	125,495	1,615	123,880
Tulare	1,961,864	34,311	1,927,553
Tuolumne	371,059	9,928	361,131
Ventura	4,482,134	1,037,827	3,444,306
Yolo	1,278,963	49,145	1,229,819
Yuba	647,223	205,726	441,497
Not distributed by county	11,683,893	5,856	11,678,037

a/ Total direct expenditures or obligations.

Source: U.S. Dept. of Commerce, Bureau of the Census
Consolidated Federal Funds Report
http://www.census.gov/

TABLE M-8

FEDERAL INTERNAL REVENUE
COLLECTIONS IN CALIFORNIA, 2007 a/

Tax source	Thousands
Total internal revenue collections	$313,998,874
Corporate income	40,565,558
Individual income and employment	264,705,424
Income tax not withheld and SECA	69,171,804
Income tax withheld and FICA	194,669,220
Railroad retirement	10,570
Unemployment insurance	853,830
Estate	4,876,249
Gift	396,232
Excise	3,455,411

a/ U.S. fiscal year ending September 30, 2007.
Note: Detail may not add to total because of rounding.

Source: Internal Revenue Service Data Book
http://www.irs.ustreas.gov/prod/tax_stats/

Department of Finance
Economic Research Unit
(916) 322-2263

TABLE M-9

GENERAL OBLIGATION BONDS OUTSTANDING,
STATE OF CALIFORNIA, AS OF JUNE 30, 2007 a/

Bond Act	Thousands of dollars
Governmental activity:	
California Clean Water, Clean Air, Safe Neighborhood Parks and Coastal Protection	785,250
California Library Construction and Renovation	185,410
California Park and Recreational Facilities	66,290
California Parklands	12,415
California Safe Drinking Water	120,815
California Wildlife, Coastal, and Park Land Conservation	291,745
Children's Hospital	154,900
Class–size Reduction Public Education Facilities	8,057,330
Clean Air and Transportation Improvement	1,179,620
Clean Water	51,665
Clean Water and Water Conservation	13,690
Clean Water and Water Reclamation	39,550
Community Parklands	23,240
County Correctional Facility Capital Expenditure	124,705
County Correctional Facility Capital Expenditure and Youth Facility	230,415
County Jail Capital Expenditure	23,050
Earthquake Safety and Public Building Rehabilitation	202,175
Economic Recovery	8,988,960
Fish and Wildlife Habitat Enhancement	15,665
Higher Education Facilities	992,710
Housing and Emergency Shelter	654,135
Housing and Homeless	5,095
Kindergarten-University Public Education Facilities	16,047,185
Lake Tahoe Acquisitions	12,775
New Prison Construction	534,715
Passenger Rail and Clean Air	428,415
Public Education Facilities	2,278,685
Safe, Clean, Reliable Water Supply	666,115
Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection	1,007,030
Safe Neighborhood Parks	1,411,730
School Building and Earthquake	25,315
School Facilities	2,764,072
Seismic Retrofit	1,574,955
State School Building Lease-Purchase	157,400
State, Urban, and Coastal Park	9,310
Veterans' Homes	3,080
Voting Modernization	27,910
Water Conservation	34,780
Water Conservation and Water Quality	56,210
Water Security, Clean Drinking Water, Coastal and Beach Protection	1,010,930
Total governmental activity	50,269,442
Business-type activity:	
California Water Resources Development	634,750
Veterans	1,319,470
Total business-type activity	1,954,220
Total General Obligation Bonds	52,223,662

a/ Includes the initial value of capital appreciation bonds rather than accreted value.

Office of the State Treasurer,
Public Finance Division
(916) 653-3451

TABLE M-10

CALIFORNIA STATE REVENUES BY SOURCE a/
FISCAL YEARS 1994-95 TO 2006-07
(In thousands)

Tax/Revenue source	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Total	$54,696,674	$59,132,250	$62,728,589	$69,336,052	$74,275,825	$87,498,959	$94,721,125	$82,948,792	$95,455,674	$96,244,962	$104,470,358	$118,323,820	$120,132,702
General Fund	42,220,555	46,035,162	49,148,664	54,836,194	58,929,245	71,550,121	77,607,588	64,583,179	77,778,453	76,061,051	81,974,455	93,433,776	95,434,051
Special Funds	12,476,119	13,097,088	13,579,925	14,499,858	15,346,580	15,948,838	17,113,537	18,365,613	17,677,221	20,183,911	22,495,903	24,890,044	24,698,651
Major Taxes & Licenses	50,499,061	54,859,881	58,355,459	64,788,037	69,687,994	81,725,575	88,127,899	73,269,863	75,419,711	81,521,204	93,764,012	105,846,283	109,359,764
Alcoholic Beverage Taxes and Fees	268,957	269,227	271,065	270,948	273,113	282,165	288,451	292,627	290,564	312,826	314,252	318,276	333,789
Corporation Tax	5,716,603	5,862,327	5,788,774	5,837,426	5,724,035	6,638,762	6,899,302	5,333,036	6,803,559	6,925,916	8,670,065	10,316,467	11,157,898
Cigarette Tax	674,741	666,811	665,423	644,303	976,548	1,216,646	1,150,856	1,102,807	1,055,505	1,081,588	1,096,224	1,088,703	1,078,536
Horse Racing (Parimutuel) License Fees	108,974	106,057	92,366	83,630	63,562	45,563	44,541	44,622	42,028	42,143	38,491	38,018	37,527
Estate, Inheritance, and Gift Taxes	599,000	659,337	599,254	780,197	890,488	928,148	934,708	890,627	647,372	397,848	213,036	3,786	6,348
Insurance Gross Premiums Tax	998,868	1,131,737	1,199,553	1,221,285	1,253,972	1,299,777	1,496,556	1,596,002	1,879,784	2,114,980	2,232,955	2,202,327	2,178,336
Motor Vehicle Fuel Tax	2,620,090	2,774,306	2,806,276	2,853,823	3,026,114	3,041,370	3,142,142	3,295,903	3,202,511	3,324,883	3,366,141	3,393,381	3,432,527
Motor Vehicle License (In-lieu) Fees	3,170,799	3,374,304	3,571,810	3,875,529	3,734,178	3,324,128	3,315,505	1,945,128	1,903,128	2,072,689	2,157,683	2,253,774	2,297,389
Motor Vehicle Registration Fees	1,557,077	1,615,708	1,652,899	1,741,273	1,843,443	1,916,982	1,943,249	1,891,776	1,986,474	2,342,437	2,716,022	2,811,928	2,849,952
Personal Income Tax	18,500,000	20,875,045	23,273,258	27,925,096	30,891,480	39,574,649	44,614,297	33,046,665	32,709,761	36,398,983	42,992,007	51,219,823	53,318,287
Retail Sales and Use Taxes	16,283,952	17,525,022	18,434,781	19,554,527	21,011,061	23,457,385	24,298,292	23,816,406	24,899,025	26,506,911	29,967,136	32,199,800	32,669,175
Telecommunications Tax	--	--	--	--	--	--	--	14,264	--	--	--	--	--
Minor Revenues	4,197,613	4,272,369	4,373,130	4,548,015	4,587,831	5,773,384	6,593,226	9,678,929	20,035,963	14,723,758	10,706,346	12,477,537	10,772,938

a/ Does not include transfers and loans.
Source: Governor's Budget Summaries, Schedule 8

TABLE M-11

CALIFORNIA STATE EXPENDITURES BY CHARACTER AND FUNCTION,
FISCAL YEARS 1994-95 TO 2006-07 a/
(In thousands)

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
By character													
Total	$53,904,406	$57,933,661	$62,349,835	$67,076,191	$72,562,972	$82,281,152	$92,024,484	$96,199,841	$95,764,187	$97,237,168	$101,995,716	$114,307,899	$123,966,915
State operations	16,419,077	17,313,606	17,706,783	20,080,927	20,856,227	22,731,481	25,136,180	28,009,468	27,126,459	26,687,174	30,213,772	32,457,856	35,019,044
Capital outlay	325,683	359,000	650,816	482,842	683,190	1,039,553	1,043,988	909,585	889,813	1,205,622	1,999,725	1,804,330	1,720,220
Local assistance	37,148,541	40,390,774	43,954,863	46,516,123	51,104,965	58,586,905	66,581,466	67,218,475	67,274,627	67,045,164	70,513,843	79,379,895	85,492,409
Unclassified	11,105	(129,719)	37,373	(3,701)	(81,410)	(76,787)	(737,150)	62,313	473,288	2,299,208	(731,624)	665,818	1,735,242
By function													
Legislative/judicial/executive	1,572,746	1,688,849	1,798,331	1,824,052	2,184,466	2,610,873	2,943,734	3,852,251	3,855,165	4,102,164	4,463,055	4,875,664	5,387,906
State and consumer services	677,809	715,569	736,975	775,822	835,293	865,755	998,408	1,160,824	948,382	1,062,074	1,108,883	1,169,150	1,278,929
Business, transportation, and housing	3,518,171	3,638,207	4,025,411	4,257,633	4,885,652	5,219,701	6,182,835	6,137,578	5,763,852	6,207,645	7,348,001	8,298,121	9,117,615
Technology, trade, and commerce agency	49,531	50,210	61,381	58,707	125,260	482,906	133,645	75,125	42,301	2,559	--	--	--
Resources	1,463,507	1,557,619	1,553,775	1,556,348	1,945,216	2,121,794	3,159,764	2,439,706	2,225,961	2,335,189	2,564,768	2,995,035	3,578,845
Environmental protection	512,114	538,265	537,266	632,915	626,900	714,671	964,382	1,014,644	781,875	758,497	806,738	981,359	1,106,977
Health and human services	16,724,411	17,246,505	17,971,730	18,028,961	19,483,540	21,825,070	24,097,619	26,483,844	27,366,789	26,823,680	30,272,148	32,186,002	35,204,452
Education	21,269,452	23,999,160	26,777,707	29,447,303	31,663,826	36,346,847	39,680,665	40,400,892	39,200,808	39,222,510	44,624,552	48,767,536	51,323,604
Labor and worforce development	--	--	--	--	--	--	--	304,916	250,699	239,386	319,981	353,972	406,427
Corrections and rehabilitation	3,634,511	3,956,853	3,815,250	4,148,485	4,563,610	4,764,228	5,316,302	5,659,430	5,854,866	5,391,272	6,970,676	7,784,618	9,137,496
General government	4,482,154	4,542,424	5,072,009	6,345,965	6,249,209	7,329,307	8,547,130	8,670,631	9,473,489	11,092,192	3,516,914	6,896,442	7,424,664

a/ Excluding both bond and federal funds.
Source: Governor's Budget Summaries, Schedule 9

Tables M-10 and M-11:
Department of Finance
Economic Research Unit
(916) 322-2263
http://www.dof.ca.gov/

TABLE M-12

STATE REVENUES AND EXPENDITURES BY CHARACTER
CALIFORNIA, 1929-30 TO 2006-07
(In millions)

	Revenues a/			Expenditures b/			
Fiscal year	Total c/	General Fund	Special Fund	Total c/	State Operations	Capital Outlay	Local Assistance
1929-30	$114.6	$65.3	$49.3	$114.2	$42.2	$25.5	$46.4
1930-31	123.4	69.5	53.9	120.8	46.7	24.1	50.0
1931-32	111.6	59.8	51.8	128.8	51.7	25.5	51.7
1932-33	99.5	50.1	49.4	123.5	46.9	22.8	53.8
1933-34	135.9	83.2	52.6	159.4	42.8	24.2	92.4
1934-35	165.2	110.0	55.2	166.7	53.3	17.1	96.4
1935-36	195.2	127.0	68.2	202.3	81.7	20.6	100.0
1936-37	232.4	159.7	72.7	219.2	83.4	23.6	112.1
1937-38	255.7	177.0	78.7	243.5	102.0	21.8	119.7
1938-39	251.5	170.8	80.7	286.5	123.0	28.8	134.7
1939-40	267.1	178.1	89.1	282.7	125.6	20.5	136.7
1940-41	296.5	200.1	96.4	273.9	111.2	18.7	144.0
1941-42	341.4	242.7	98.8	257.9	88.6	22.9	146.4
1942-43	363.7	279.3	84.4	250.9	94.0	16.5	140.4
1943-44	394.7	307.9	86.8	264.7	85.2	13.9	165.6
1944-45	416.4	322.4	94.0	306.5	88.0	17.6	200.9
1945-46	496.8	367.1	129.8	342.2	109.0	40.6	192.6
1946-47	604.9	447.3	157.6	469.7	142.1	85.9	241.7
1947-48	722.7	471.7	251.0	657.7	188.1	96.7	372.9
1948-49	784.0	510.4	273.6	883.3	225.5	167.3	490.6
1949-50	844.3	551.2	293.0	1,054.8	248.0	257.8	549.0
1950-51	994.0	672.1	322.0	1,006.3	263.1	199.0	544.2
1951-52	1,086.3	734.0	352.3	1,068.1	294.4	180.4	593.2
1952-53	1,150.9	774.0	376.9	1,176.7	320.3	206.2	650.3
1953-54	1,271.4	798.1	473.4	1,381.4	346.9	285.5	749.0
1954-55	1,433.8	879.1	554.7	1,422.4	368.5	276.6	777.3
1955-56	1,577.9	1,005.0	572.9	1,532.8	402.4	286.3	844.1
1956-57	1,833.7	1,078.9	754.8	1,732.5	462.9	354.1	915.4
1957-58	1,750.9	1,110.8	640.1	1,891.4	541.5	354.8	995.2
1958-59	1,925.1	1,210.4	714.7	1,931.6	584.9	254.2	1,092.5
1959-60	2,198.3	1,491.1	707.3	2,085.6	634.7	239.5	1,211.4
1960-61	2,338.2	1,597.9	740.3	2,525.4	722.9	503.9	1,298.5
1961-62	2,451.2	1,728.2	723.0	2,406.2	779.0	275.6	1,351.6
1962-63	2,667.9	1,866.0	801.9	2,702.8	863.5	345.4	1,493.9
1963-64	3,057.4	2,137.4	920.0	2,977.7	936.0	363.5	1,678.2
1964-65	3,294.9	2,245.1	1,049.8	3,337.5	1,035.5	383.6	1,918.4
1965-66	3,580.7	2,508.5	1,072.2	3,636.4	1,158.8	376.1	2,100.9
1966-67	4,072.5	2,882.4	1,190.2	4,144.6	1,326.3	409.2	2,409.1
1967-68	4,932.0	3,678.1	1,254.0	4,484.4	1,395.5	372.1	2,716.7
1968-69	5,454.4	4,128.7	1,325.7	5,266.7	1,578.6	507.4	3,180.6
1969-70	5,742.4	4,327.3	1,415.2	5,974.9	1,660.6	617.0	3,697.3
1970-71	5,917.0	4,483.1	1,433.9	6,213.2	1,764.6	372.0	4,076.6
1971-72	6,896.8	5,388.1	1,508.7	6,374.3	1,817.4	355.3	4,201.6
1972-73	7,670.2	5,972.7	1,697.4	7,204.1	2,073.0	485.9	4,645.3
1973-74	8,430.6	6,688.4	1,742.2	8,994.1	2,255.7	398.7	6,339.7
1974-75	10,189.9	8,410.6	1,779.3	10,029.1	2,594.6	305.5	7,129.1
1975-76	11,352.0	9,423.8	1,928.3	11,197.3	2,953.6	226.9	8,016.7
1976-77	13,237.7	11,164.2	2,073.5	12,508.5	3,305.6	419.1	8,783.8
1977-78	15,746.9	13,478.5	2,268.4	13,846.8	3,757.7	407.3	9,681.8
1978-79	17,424.6	14,900.5	2,524.1	18,548.6	3,908.5	417.2	14,222.9
1979-80	20,642.6	17,667.5	2,975.1	21,294.5	4,784.9	463.2	16,046.5

TABLE M-12 (Continued)

STATE REVENUES AND EXPENDITURES BY CHARACTER
CALIFORNIA, 1929-30 TO 2006-07
(In millions)

Fiscal year	Revenues a/ Total c/	General Fund	Special Fund	Expenditures b/ Total c/	State Operations	Capital Outlay	Local Assistance
1980-81	$21,824.0	$18,707.8	$3,116.2	$24,366.5	$5,643.8	$433.4	$18,289.2
1981-82	23,357.1	19,898.4	3,458.7	24,791.3	5,954.6	221.8	18,606.8
1982-83	24,212.3	20,491.1	3,721.2	24,931.5	6,130.3	215.5	18,577.3
1983-84	27,617.4	23,335.0	4,282.4	26,396.6	6,472.6	173.3	19,738.7
1984-85	31,550.8	26,495.6	5,055.2	30,373.0	8,157.7	288.9	21,914.6
1985-86	33,536.6	28,090.1	5,446.5	34,031.6	9,383.6	428.3	24,207.4
1986-87	37,640.9	32,323.1	5,317.8	37,118.5	10,154.3	442.8	26,504.4
1987-88	38,213.9	32,360.2	5,853.8	39,634.5	11,078.2	308.1	28,484.4
1988-89	43,287.1	36,782.0	6,505.1	42,120.2	11,842.3	283.2	30,258.1
1989-90	46,294.3	38,272.0	8,022.2	47,328.3	13,402.6	313.3	33,575.6
1990-91	46,979.1	37,800.4	9,178.7	48,826.3	14,394.5	381.2	34,100.2
1991-92	52,988.1	41,337.3	11,650.8	54,519.6	15,226.2	389.5	38,915.7
1992-93	52,420.8	40,249.0	12,171.9	52,600.3	14,437.3	322.0	37,791.4
1993-94	52,299.5	39,603.5	12,696.0	51,704.4	14,957.8	496.9	36,164.8
1994-95	54,696.7	42,220.6	12,476.1	53,904.4	16,419.1	325.7	37,148.5
1995-96	59,132.3	46,035.2	13,097.1	57,933.7	17,313.6	359.0	40,390.8
1996-97	62,728.6	49,148.7	13,579.9	62,349.8	17,706.8	650.8	43,954.9
1997-98	69,336.1	54,836.2	14,499.9	67,076.2	20,080.9	482.8	46,516.1
1998-99	74,275.8	58,929.2	15,346.6	72,563.0	20,856.2	683.2	51,105.0
1999-00	87,499.0	71,550.1	15,948.8	82,281.2	22,731.5	1,039.6	58,586.9
2000-01	94,721.1	77,607.6	17,113.5	92,024.5	25,136.2	1,044.0	66,581.5
2001-02	82,948.8	64,583.2	18,365.6	96,199.8	28,009.5	909.6	67,218.5
2002-03	95,455.7	77,778.5	17,677.2	95,764.2	27,126.5	889.8	67,274.6
2003-04	96,245.0	76,061.1	20,183.9	97,237.2	26,687.2	1,205.6	67,045.2
2004-05	104,470.4	81,974.5	22,495.9	101,995.7	30,213.8	1,999.7	70,513.8
2005-06	118,323.8	93,433.8	24,890.0	114,307.9	32,457.9	1,804.3	79,379.9
2006-07	120,132.7	95,434.1	24,698.7	123,966.9	35,019.0	1,720.2	85,492.4

a/ Does not include transfers and loans.
b/ Excluding both bond and federal funds.
c/ Detail may not add to total due to rounding and exclusion of unclassified expenditures.

Source: Governor's Budget, Schedules 8 and 9

Department of Finance
Economic Research Unit
(916) 322-2263
http://www.dof.ca.gov/

TABLE M-13

SUMMARY OF STATE TAX COLLECTIONS, 1966-67 TO 2006-07
(EXCLUDES DEPARTMENTAL, INTEREST AND MISCELLANEOUS REVENUES)

	State Tax Collections a/ ($ Millions)			Taxes Per Capita b/			Taxes Per $100 of Personal Income c/		
Fiscal Year	General Fund	Special Fund	Total	General Fund	Special Fund	Total	General Fund	Special Fund	Total
1966-67	$2,747	$1,091	$3,838	$145.87	$57.96	$203.83	$4.02	$1.60	$5.62
1967-68	3,558	1,118	4,676	185.55	58.31	243.86	4.78	1.50	6.29
1968-69	3,963	1,210	5,173	203.94	62.27	266.21	4.86	1.48	6.34
1969-70	4,126	1,283	5,409	208.96	64.98	273.94	4.62	1.44	6.06
1970-71	4,290	1,308	5,598	214.08	65.27	279.36	4.45	1.36	5.81
1971-72	5,213	1,384	6,597	256.22	68.02	324.24	5.09	1.35	6.44
1972-73	5,758	1,473	7,231	279.72	71.56	351.28	5.13	1.31	6.44
1973-74	6,377	1,500	7,877	305.57	71.88	377.45	5.14	1.21	6.35
1974-75	8,043	1,529	9,572	379.85	72.21	452.06	5.80	1.10	6.90
1975-76	9,050	1,630	10,680	420.19	75.68	495.87	5.89	1.06	6.96
1976-77	10,781	1,744	12,525	491.48	79.50	570.98	6.28	1.02	7.30
1977-78	12,951	1,874	14,825	579.41	83.84	663.25	6.76	0.98	7.74
1978-79	14,188	2,013	16,201	621.30	88.15	709.45	6.48	0.92	7.40
1979-80	16,904	2,153	19,057	726.83	92.57	819.41	6.76	0.86	7.62
1980-81	17,808	2,192	20,000	748.80	92.17	840.97	6.26	0.77	7.03
1981-82	19,053	2,448	21,501	784.78	100.83	885.62	5.95	0.77	6.72
1982-83	19,567	2,792	22,359	788.83	112.56	901.39	5.73	0.82	6.55
1983-84	22,300	3,374	25,674	880.14	133.16	1,013.30	6.04	0.91	6.96
1984-85	25,515	3,524	29,039	988.34	136.50	1,124.85	6.17	0.85	7.03
1985-86	26,974	3,924	30,898	1,021.63	148.62	1,170.25	6.02	0.88	6.89
1986-87	31,331	4,037	35,368	1,158.18	149.23	1,307.41	6.54	0.84	7.39
1987-88	31,228	4,383	35,611	1,126.67	158.13	1,284.81	6.06	0.85	6.91
1988-89	35,647	4,966	40,613	1,255.49	174.90	1,430.39	6.39	0.89	7.28
1989-90	37,248	5,804	43,052	1,278.16	199.16	1,477.32	6.19	0.96	7.16
1990-91	36,828	6,728	43,556	1,234.66	225.56	1,460.21	5.68	1.04	6.72
1991-92	40,072	8,784	48,856	1,315.62	288.39	1,604.01	6.05	1.33	7.37
1992-93	39,197	9,033	48,230	1,264.93	291.51	1,556.44	5.63	1.30	6.92
1993-94	38,351	10,590	48,941	1,224.72	338.19	1,562.90	5.42	1.50	6.91
1994-95	41,099	9,549	50,648	1,303.75	302.93	1,606.67	5.63	1.31	6.93
1995-96	44,825	9,980	54,805	1,413.51	314.69	1,728.20	5.85	1.30	7.16
1996-97	47,955	10,445	58,400	1,500.33	326.77	1,827.10	5.92	1.29	7.21
1997-98	53,859	10,967	64,826	1,659.61	337.95	1,997.56	6.26	1.27	7.53
1998-99	58,199	11,525	69,724	1,770.96	350.69	2,121.65	6.22	1.23	7.45
1999-00	70,027	11,746	81,773	2,095.45	351.48	2,446.93	7.01	1.18	8.18
2000-01	75,668	12,479	88,147	2,219.31	366.00	2,585.32	6.85	1.13	7.99
2001-02	62,654	10,583	73,237	1,802.13	304.40	2,106.53	5.52	0.93	6.45
2002-03	64,879	10,619	75,498	1,834.75	300.30	2,135.05	5.65	0.93	6.58
2003-04	70,229	11,400	81,629	1,953.83	317.16	2,270.99	5.92	0.96	6.88
2004-05	80,070	13,646	93,716	2,196.44	374.33	2,570.77	6.33	1.08	7.40
2005-06	90,468	15,343	105,811	2,451.96	415.84	2,867.80	6.71	1.14	7.85
2006-07 p/	93,209	16,151	109,360	2,496.69	432.62	2,929.31	6.50	1.13	7.62

a/ Beginning in 1966-67 most state revenues were placed on an accrual basis. Beginning in 1973-74, accounts receivable only are accrued. Total may not add due to rounding.

b/ Per Capita computations are based on July 1 population estimates, benchmarked to the 1990 Census.

c/ Taxes per $100 personal income computed using calendar year personal income (e.g. 2006 income related to 2006-07 tax collections.)

p/ Preliminary

Source: California Department of Finance (Governor's Budget Summary), http://www.dof.ca.gov/

TABLE M-14

TOTAL FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA COUNTIES, CITIES, SCHOOLS, SPECIAL DISTRICTS AND REDEVELOPMENT AGENCIES BY COUNTY, FISCAL YEAR 2005-06 a/
(In thousands)

County	Receipts	Payments	Bonded Indebted-ness	County	Receipts	Payments	Bonded Indebted-ness
Total	$217,201,378	$203,978,113	$150,387,004	Nevada	497,796	466,041	148,700
				Orange	15,382,880	14,721,849	10,487,208
Alameda	10,270,845	9,819,281	9,608,570	Placer	2,195,159	2,424,367	1,201,281
Alpine	20,596	20,248	626	Plumas	164,052	157,616	24,987
Amador	152,265	154,823	20,776	Riverside	12,294,590	10,818,993	7,768,428
Butte	1,009,704	933,747	287,291	Sacramento	10,557,118	9,814,934	10,425,371
Calaveras	177,557	170,869	76,930	San Benito	255,335	250,102	86,006
Colusa	122,624	118,075	12,348	San Bernardino	10,487,730	9,867,637	6,831,424
Contra Costa	5,723,823	5,221,887	4,441,952	San Diego	14,486,721	13,163,204	11,185,057
Del Norte	137,115	134,604	14,797	San Francisco	8,402,833	7,797,553	7,812,126
El Dorado	979,345	880,249	618,849	San Joaquin	3,439,783	3,127,885	1,333,334
Fresno	4,471,272	4,256,182	3,147,010	San Luis Obispo	1,072,801	1,040,584	439,559
Glenn	172,052	171,777	4,614	San Mateo	3,833,266	3,697,709	2,433,030
Humboldt	589,982	575,305	127,113	Santa Barbara	2,314,249	2,267,974	791,568
Imperial	1,407,105	1,323,432	640,272	Santa Clara	10,177,272	10,041,345	9,678,949
Inyo	161,162	142,572	15,969	Santa Cruz	1,393,450	1,323,453	674,615
Kern	4,803,147	4,419,623	1,652,358	Shasta	1,077,686	974,121	339,573
Kings	644,993	624,091	165,598	Sierra	25,206	24,567	2,155
Lake	264,949	253,939	39,138	Siskiyou	217,652	207,690	6,187
Lassen	143,361	138,815	32,248	Solano	2,298,685	2,191,162	1,374,436
Los Angeles	63,223,431	59,295,633	47,080,964	Sonoma	2,384,048	2,423,247	1,576,585
Madera	629,369	625,619	214,481	Stanislaus	3,132,417	2,895,600	2,162,070
Marin	1,320,652	1,324,170	899,179	Sutter	508,263	445,833	113,681
Mariposa	84,853	85,050	5,814	Tehama	264,802	236,523	16,296
Mendocino	831,729	706,497	265,475	Trinity	80,434	78,441	22,887
Merced	1,384,483	1,241,434	383,698	Tulare	2,592,620	2,464,760	579,566
Modoc	61,577	59,670	425	Tuolumne	266,788	226,491	72,467
Mono	181,567	155,273	42,153	Ventura	4,045,753	3,866,667	1,596,167
Monterey	2,304,661	2,196,373	490,592	Yolo	928,818	887,069	520,820
Napa	788,403	697,715	305,312	Yuba	360,552	327,745	87,918

a/ Does not include data for community college districts.
Totals may not add due to independent rounding. Summation of Tables M-15 through M-19.

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TABLE M-15

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA COUNTIES
Fiscal Year 2005-06
(In thousands)

County	Receipts	Payments	Bonded Indebted-ness b/	County	Receipts	Payments	Bonded Indebted-ness b/
Total	$45,950,044	$42,331,462	$8,815,532	Nevada	120,225	114,537	0
				Orange	3,114,092	3,054,961	665,842
Alameda	1,962,610	1,789,077	889,505	Placer	430,047	404,688	2,000
Alpine	12,441	12,865	0	Plumas	53,630	55,180	0
Amador	63,403	63,758	0	Riverside	2,332,368	2,197,694	396,845
Butte	315,209	307,353	56,375	Sacramento	2,233,356	2,113,600	935,531
Calaveras	63,390	63,804	0	San Benito	63,318	57,970	0
Colusa	37,970	35,743	0	San Bernardino	2,134,399	2,033,736	761,361
Contra Costa	1,290,983	1,200,894	562,045	San Diego	3,415,164	2,980,699	1,231,283
Del Norte	51,997	51,872	0	San Francisco a/	0	0	0
El Dorado	256,951	249,619	0	San Joaquin	820,432	722,599	116,035
Fresno	1,146,468	1,098,014	936,004	San Luis Obispo	373,626	367,201	135,199
Glenn	61,319	60,930	0	San Mateo	896,939	751,073	0
Humboldt	201,947	200,841	0	Santa Barbara	619,647	604,702	0
Imperial	216,542	216,362	63,215	Santa Clara	2,284,543	2,101,029	6,115
Inyo	51,919	47,479	0	Santa Cruz	359,492	355,016	0
Kern	1,055,177	1,019,331	497,003	Shasta	248,065	241,391	0
Kings	163,093	172,021	0	Sierra	14,796	15,478	0
Lake	103,130	96,555	0	Siskiyou	84,377	84,195	0
Lassen	54,553	50,720	0	Solano	592,972	555,484	133,195
Los Angeles	13,276,064	11,696,722	707,995	Sonoma	636,394	655,925	296,535
Madera	180,834	163,376	0	Stanislaus	689,380	598,405	69,665
Marin	393,682	367,428	112,805	Sutter	120,163	112,370	0
Mariposa	44,717	41,492	0	Tehama	96,806	87,158	0
Mendocino	160,879	160,605	106,245	Trinity	39,120	41,009	8,270
Merced	350,987	316,544	56,690	Tulare	553,511	541,822	28,495
Modoc	25,529	25,168	0	Tuolumne	96,300	88,111	0
Mono	38,071	38,473	0	Ventura	858,111	811,003	35,185
Monterey	547,564	521,306	6,095	Yolo	217,374	216,340	0
Napa	204,781	184,440	0	Yuba	119,187	115,297	0

a/ San Francisco City and County included in City Statement.
b/ Does not include special assessment act bonds this year.

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TABLE M-16

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA CITIES, BY COUNTY
Fiscal Year 2005-06
(In thousands)

County	Receipts	Payments	Bonded indebted-ness	County	Receipts	Payments	Bonded indebted-ness
Total	$55,791,216	$51,870,602	$30,586,486	Nevada	55,045	50,815	1,197
				Orange	3,592,203	3,398,237	378,983
Alameda	2,586,369	2,625,274	2,232,657	Placer	648,560	734,233	102,014
Alpine	-	-	-	Plumas	3,436	2,618	1,070
Amador	20,848	19,197	3,580	Riverside	2,250,162	1,910,661	701,685
Butte	122,711	120,632	2,340	Sacramento	1,585,688	1,387,820	751,463
Calaveras	8,649	8,294	2,300	San Benito	20,129	27,140	13,435
Colusa	13,603	11,215	686	San Bernardino	1,931,883	1,786,748	189,678
Contra Costa	998,232	915,011	314,425	San Diego	1,653,069	1,539,875	118,890
Del Norte	13,055	10,903	4,300	San Francisco a/	6,863,550	6,441,883	6,677,740
El Dorado	71,580	56,452	17,215	San Joaquin	957,326	730,990	104,255
Fresno	858,284	805,259	650,496	San Luis Obispo	252,246	236,847	95,798
Glenn	14,656	13,960	-	San Mateo	927,625	947,937	176,617
Humboldt	80,255	72,434	4,846	Santa Barbara	478,502	438,628	35,558
Imperial	217,702	205,264	39,835	Santa Clara	2,992,507	3,002,577	1,394,038
Inyo	7,767	6,835	-	Santa Cruz	248,305	248,924	47,876
Kern	460,871	386,795	15,468	Shasta	381,642	298,276	-
Kings	111,945	93,832	35,210	Sierra	-	-	-
Lake	15,981	13,328	8,152	Siskiyou	31,857	30,621	2,760
Lassen	14,886	14,254	8,245	Solano	652,687	616,606	219,662
Los Angeles	20,621,634	18,994,676	15,435,565	Sonoma	549,008	552,296	338,030
Madera	78,598	69,395	42,468	Stanislaus	516,549	424,705	49,233
Marin	251,594	231,234	71,335	Sutter	106,726	85,050	15,002
Mariposa	-	-	-	Tehama	24,587	22,005	685
Mendocino	149,538	73,659	16,913	Trinity	-	-	-
Merced	243,681	182,856	18,714	Tulare	315,444	273,488	91,190
Modoc	3,166	3,423	-	Tuolumne	8,060	6,500	434
Mono	35,765	30,163	-	Ventura	883,847	897,142	41,240
Monterey	312,307	305,667	26,264	Yolo	336,752	312,503	68,565
Napa	194,366	178,848	18,375	Yuba	15,777	16,617	-

a/ San Francisco City and County

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TABLE M-17

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA SCHOOL DISTRICTS, BY COUNTY, FISCAL YEAR 2006-07 a/
(In thousands)

County	Receipts	Payments	Long-term debt	County	Receipts	Payments	Long-term debt
Total	$74,984,625	$71,138,910	$44,989,744	Nevada	136,873	133,545	24,271
				Orange	5,317,504	5,137,621	2,606,592
Alameda	2,676,625	2,431,757	2,292,324	Placer	853,232	771,563	871,664
Alpine	5,544	4,688	620	Plumas	32,576	33,615	22,946
Amador	46,765	47,075	12,989	Riverside	4,766,744	4,551,756	2,923,268
Butte	375,245	350,435	69,505	Sacramento	2,736,356	2,602,910	1,719,871
Calaveras	89,529	74,657	57,837	San Benito	109,356	104,074	7,527
Colusa	55,511	52,434	12,330	San Bernardino	4,653,296	4,220,159	1,830,301
Contra Costa	2,066,136	2,178,619	1,775,706	San Diego	6,075,881	6,056,807	4,350,026
Del Norte	46,973	46,147	2,835	San Francisco	903,989	733,438	418,392
El Dorado	301,776	301,886	128,331	San Joaquin	1,536,134	1,465,385	730,647
Fresno	2,199,988	2,101,527	995,497	San Luis Obispo	363,741	345,380	145,912
Glenn	71,369	67,784	4,891	San Mateo	1,290,048	1,127,942	1,060,205
Humboldt	231,116	216,971	66,268	Santa Barbara	724,192	720,741	340,045
Imperial	449,597	448,492	153,720	Santa Clara	3,142,690	3,120,043	3,318,189
Inyo	45,466	44,761	19,790	Santa Cruz	454,651	451,414	294,062
Kern	2,305,073	2,004,878	1,089,121	Shasta	330,773	318,576	142,868
Kings	329,271	286,063	78,661	Sierra	7,800	8,411	28
Lake	123,274	114,323	47,794	Siskiyou	90,998	82,443	19,575
Lassen	61,716	57,086	8,957	Solano	756,541	744,279	552,941
Los Angeles	20,605,709	19,549,637	12,552,925	Sonoma	770,018	740,572	660,172
Madera	379,604	334,562	162,921	Stanislaus	1,211,169	1,153,358	394,860
Marin	552,547	433,202	650,247	Sutter	233,841	206,019	111,703
Mariposa	24,208	25,427	860	Tehama	129,088	134,576	20,981
Mendocino	201,454	182,101	126,731	Trinity	32,382	27,824	3,059
Merced	633,200	640,594	135,438	Tulare	1,092,356	1,024,180	241,069
Modoc	28,686	25,683	815	Tuolumne	84,350	92,284	23,565
Mono	36,298	35,269	28,867	Ventura	1,455,105	1,371,308	751,607
Monterey	835,489	823,413	324,841	Yolo	425,497	370,585	305,789
Napa	271,556	236,140	231,787	Yuba	217,721	172,492	65,002

a/ School Districts does not include community college districts as in years prior to fiscal year 1984-85.

Source: California Department of Education, Financial Accountability and Information Services

Department of Education
School Fiscal Services Division
(916) 322-1770
http://www.cde.ca.gov

TABLE M-18

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA SPECIAL DISTRICTS, BY COUNTY,
Fiscal Year 2005-06 a/
(In thousands)

County	Receipts	Payments	Bonded Indebted-ness	County	Receipts	Payments	Bonded Indebted-ness
Total	$37,535,266	$35,892,923	$53,208,330	Nevada	184,372	166,514	123,963
				Orange	3,249,023	3,054,174	6,261,119
Alameda	2,812,076	2,834,186	3,676,052	Placer	413,163	542,943	287,413
Alpine	2,999	2,916	15	Plumas	63,364	62,878	7,842
Amador	24,760	23,092	5,545	Riverside	2,190,483	1,789,345	2,735,809
Butte	140,618	129,627	46,848	Sacramento	3,956,603	3,709,345	6,982,536
Calaveras	36,754	30,003	21,167	San Benito	77,493	72,332	21,586
Colusa	20,469	19,647	439	San Bernardino	1,696,284	1,633,220	2,897,235
Contra Costa	1,190,160	1,091,127	957,549	San Diego	3,004,687	2,802,691	4,060,396
Del Norte	26,980	27,421	9,595	San Francisco	513,755	505,603	122,432
El Dorado	304,877	250,596	365,198	San Joaquin	256,272	247,967	337,723
Fresno	470,556	423,677	509,873	San Luis Obispo	99,876	90,896	85,869
Glenn	26,538	26,208	7	San Mateo	574,726	684,114	928,771
Humboldt	80,206	82,140	31,560	Santa Barbara	472,136	446,359	348,306
Imperial	529,072	496,753	335,662	Santa Clara	1,303,772	1,380,986	2,499,841
Inyo	57,117	49,525	8,045	Santa Cruz	232,536	218,566	185,282
Kern	1,243,641	1,131,251	348,493	Shasta	91,614	85,864	150,972
Kings	91,663	84,408	44,042	Sierra	1,489	1,045	2,155
Lake	39,477	36,667	4,199	Siskiyou	20,373	18,696	481
Lassen	22,659	20,601	18,294	Solano	232,092	207,396	310,685
Los Angeles	7,325,225	7,329,820	15,183,604	Sonoma	347,810	333,006	103,047
Madera	53,972	47,543	14,294	Stanislaus	822,725	748,277	1,559,462
Marin	255,013	235,059	108,021	Sutter	77,180	67,067	1,397
Mariposa	17,922	17,856	5,224	Tehama	7,393	6,519	547
Mendocino	335,817	304,010	60,083	Trinity	13,651	12,016	13,789
Merced	144,642	126,423	123,004	Tulare	698,546	644,807	204,823
Modoc	6,402	6,254	425	Tuolumne	53,435	50,365	50,090
Mono	63,754	57,870	25,153	Ventura	709,348	671,039	615,260
Monterey	573,128	542,417	88,682	Yolo	48,505	44,653	118,286
Napa	158,512	126,828	130,365	Yuba	67,552	40,314	69,775

a/ Special Districts does not include community redevelopment agencies as in years prior to fiscal year 1985-86.
Totals may not add due to independent rounding.

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TABLE M-19

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA REDEVELOPMENT AGENCIES, BY COUNTY,
Fiscal Year 2005-06
(In thousands)

County	Receipts	Payments	Bonded indebted-ness	County	Receipts	Payments	Bonded indebted-ness
Total	$8,601,605	$6,981,442	$19,041,412	Nevada	5,547	1,574	4,315
				Orange	593,914	411,916	1,022,327
Alameda	397,155	303,713	892,145	Placer	37,191	32,130	53,905
Alpine	-	-	-	Plumas	-	-	-
Amador	-	-	-	Riverside	921,852	769,790	1,518,706
Butte	105,394	41,028	119,305	Sacramento	249,101	122,720	336,056
Calaveras	-	-	-	San Benito	-	-	40,040
Colusa	-	-	-	San Bernardino	749,069	611,937	1,601,175
Contra Costa	286,627	238,003	936,255	San Diego	766,017	507,804	1,760,470
Del Norte	878	665	245	San Francisco	230,126	204,428	790,993
El Dorado	52,809	49,636	113,480	San Joaquin	106,870	120,126	235,420
Fresno	51,986	51,921	91,632	San Luis Obispo	16,285	13,579	24,925
Glenn	3	0	-	San Mateo	274,774	240,659	413,931
Humboldt	10,933	10,098	29,565	Santa Barbara	33,055	48,879	105,425
Imperial	14,046	11,068	48,185	Santa Clara	607,217	709,695	2,487,000
Inyo	-	0	-	Santa Cruz	144,021	85,022	213,109
Kern	76,960	74,779	104,694	Shasta	25,364	19,995	49,010
Kings	15,257	13,368	29,535	Sierra	-	-	-
Lake	4,947	4,041	8,500	Siskiyou	-	-	-
Lassen	210	282	-	Solano	111,517	99,643	216,131
Los Angeles	2,119,749	1,672,106	4,747,163	Sonoma	117,137	111,686	210,307
Madera	15,927	13,652	34,260	Stanislaus	51,741	26,899	110,725
Marin	18,755	24,314	85,684	Sutter	3,551	4,536	20,500
Mariposa	-	-	-	Tehama	-	-	-
Mendocino	6,925	4,556	8,930	Trinity	-	-	-
Merced	15,585	13,782	46,348	Tulare	40,959	39,273	45,545
Modoc	-	-	-	Tuolumne	1,056	797	1,186
Mono	-	-	-	Ventura	217,519	182,861	248,876
Monterey	70,255	52,790	89,267	Yolo	28,683	26,230	119,180
Napa	3,356	8,239	25,640	Yuba	1,283	1,223	1,322

a/ Less than $500

Note: Long-term debt totals represent the bonded indebtedness only. This is consistent with prior years' reporting of long-term debt for redevelopment agencies. The amounts do not include any other forms of debt such as certificates of participation, notes, city advances, etc.

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TABLE M-20

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA COMMUNITY COLLEGE DISTRICTS, FISCAL YEAR 2006-07
(In thousands)

District	Governmental Funds Group a/			Proprietary Funds Group b/			Fiduciary Funds Group c/		
	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo
Statewide	$9,444,025	$9,697,753	$2,634,964	$422,999	$256,373	$41,369	$795,319	$141,256	($612,758)
Allan Hancock	75,649	86,395	67,611	4,442	1,417	(36)	4,214	231	(3,821)
Antelope Valley Joint	72,869	68,716	4,711	4,707	1,443	131	16,157	221	(16,137)
Barstow	19,014	16,824	(668)	66	-	400	2,615	153	(2,482)
Butte-Glenn	101,461	101,575	(2,981)	5,719	1,830	1,500	11,236	64	(11,173)
Cabrillo	91,706	111,213	58,421	3,492	874	(86)	7,074	1,065	(5,908)
Cerritos	117,781	114,490	33,801	927	667	525	13,386	782	(12,466)
Chabot-Las Positas	127,354	151,004	407,255	7,095	4,067	(8)	8,537	817	(7,631)
Chaffey	117,550	144,871	74,031	123	470	320	9,304	179	(9,077)
Citrus	76,260	92,534	39,745	5,043	1,718	(138)	8,190	620	(7,513)
Coast	280,852	315,120	253,217	34,009	29,463	5,427	24,247	5,556	(18,461)
Compton	45,089	39,239	(1,193)	101	506	458	3,694	-	(2,550)
Contra Costa	213,959	239,220	(16,992)	18,238	5,861	15,690	11,529	306	(11,088)
Copper Mountain	13,943	12,654	(192)	-	-	-	1,568	0	(1,557)
Desert	71,411	66,818	(910)	175	154	490	4,845	239	(4,629)
El Camino	157,776	166,757	146,924	8,028	4,552	4,128	10,990	1,204	(9,700)
Feather River	13,921	12,725	(795)	394	286	339	1,739	16	(1,722)
Foothill-DeAnza	254,484	288,505	263,161	55,077	46,849	623	11,318	2,247	(8,885)
Gavilan	39,170	47,610	(530)	-	-	-	2,359	213	(2,074)
Glendale	112,957	130,504	36,612	365	2,192	1,750	13,153	-	(13,153)
Grossmont-Cuyamaca	145,348	183,851	(947)	6,512	5,597	-	10,718	355	(10,208)
Hartnell	52,504	51,377	(728)	820	456	22	4,138	170	(3,876)
Imperial	48,778	47,809	11,906	0	-	46	11,315	250	(11,055)
Kern	146,210	140,265	48,306	8,079	2,634	-	20,357	172	(20,212)
Lake Tahoe	16,623	15,789	801	752	359	151	733	10	(722)
Lassen	16,213	15,430	(242)	-	-	-	1,839	2	(1,833)
Long Beach	152,311	170,640	(3,054)	181	928	577	24,319	1,867	(19,617)
Los Angeles	1,069,685	887,533	(4,560)	-	-	-	81,505	80,983	6,000
Los Rios	321,703	336,715	67,889	35,021	18,921	(1,316)	39,283	228	(39,016)
Marin	61,466	69,279	(134)	693	652	-	3,231	55	(3,143)
Mendocino-Lake	24,475	23,592	29,449	209	2,181	2,553	4,233	527	(2,807)
Merced	88,534	90,044	23,483	3,378	621	931	11,057	1,029	(9,575)
Mira Costa	99,944	96,726	(375)	409	249	(149)	2,269	2,748	239
Monterey Peninsula	53,312	65,480	(7,212)	449	5,496	6,833	3,211	1,813	(1,615)
Mt. San Antonio	191,486	221,183	78,908	-	-	-	12,470	-	(12,469)
Mt. San Jacinto	66,770	65,316	(487)	4,897	1,385	60	7,149	452	(6,619)

TABLE M-20 (Continued)

FINANCIAL TRANSACTIONS CONCERNING CALIFORNIA COMMUNITY COLLEGE DISTRICTS, FISCAL YEAR 2006-07
(In thousands)

District	Governmental Funds Group a/			Proprietary Funds Group b/			Fiduciary Funds Group c/		
	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo
Napa Valley	52,580	69,530	4,950	12	-	300	3,443	920	(2,510)
North Orange County	232,198	268,868	(5,884)	9,372	4,865	-	17,177	850	(9,373)
Ohlone	65,204	109,887	(460)	2,765	899	235	3,136	589	(2,563)
Palo Verde	23,351	22,916	21,571	541	217	75	682	-	(682)
Palomar	138,582	171,970	162,188	3,897	3,231	2,000	5,427	167	(5,092)
Pasadena	149,664	131,124	70,882	11,873	5,284	788	17,520	7,061	(14,881)
Peralta	153,828	174,661	80,259	23	-	-	16,191	1,000	(21,934)
Rancho Santiago	213,878	242,717	125,697	8,479	10,502	-	9,083	2,374	(6,925)
Redwoods	40,810	41,177	(1,087)	-	-	-	9,458	569	(8,552)
Rio Hondo	90,134	89,770	(594)	796	-	-	8,827	8,777	-
Riverside	188,202	198,978	92,226	6,120	4,882	250	14,277	558	(13,662)
San Bernardino	97,358	109,100	98,556	6,032	2,937	495	9,900	495	(9,376)
San Diego	274,259	313,121	(1,797)	41,303	29,614	(10,024)	27,859	771	(14,551)
San Francisco	271,050	342,998	(457)	9,527	3,450	287	25,007	552	(24,336)
San Joaquin Delta	114,422	106,985	(991)	11,595	4,571	(526)	17,073	1,981	(15,108)
San Jose-Evergreen	115,931	132,173	(1,534)	5,586	2,187	(18)	10,522	206	-
San Luis Obispo County	69,380	79,868	39,323	3,611	1,188	(60)	4,087	123	(3,900)
San Mateo County	535,145	201,481	(5,684)	8,463	3,247	2,395	7,798	295	(1,502)
Santa Barbara	105,279	104,571	(927)	6,774	2,041	(72)	11,706	1,980	(9,427)
Santa Clarita	101,882	150,200	107,682	607	630	447	2,802	30	(2,758)
Santa Monica	191,510	211,363	22,129	-	-	-	10,999	-	(10,999)
Sequoias	63,619	62,247	15,606	3,894	2,163	(2,968)	9,340	535	(8,727)
Shasta-Tehama-Trinity	54,101	60,158	(603)	58	609	(76)	8,841	141	(8,639)
Sierra Jt.	109,273	112,834	42,174	-	-	-	10,173	192	(8,850)
Siskiyou Jt.	21,195	24,129	(241)	3,445	2,836	-	2,827	193	(2,642)
Solano	65,309	92,221	44,687	3,998	775	(64)	4,895	87	(4,669)
Sonoma Cou	143,242	186,900	(2,810)	8,671	4,679	1,565	12,982	539	(12,444)
South Orange County	206,285	187,822	(1,501)	8,540	4,872	217	5,703	1,009	(4,610)
Southwestern	103,174	114,816	(6,790)	6,451	1,992	37	12,924	471	(12,437)
State Center	188,927	201,690	63,054	10,737	2,482	2,407	37,153	125	(36,976)
Ventura	181,273	192,680	(4,469)	20,518	9,198	155	13,056	1,896	(10,363)
Victor Valley	77,180	72,886	(2,888)	4,283	1,300	-	264	147	(96)
West Hills	46,533	43,687	1,179	-	-	-	7,285	297	(6,294)
West Kern	59,595	40,187	(7,338)	-	-	-	126	140	-
West Valley	131,334	131,729	(1,075)	3,551	2,548	(47)	8,190	1,229	(7,115)
Yosemite	143,842	145,443	(1,224)	1,991	-	750	14,770	346	(14,411)
Yuba	65,929	67,063	86,925	86	1,348	1,600	9,833	38	(9,799)

a/ The Governmental Funds Group focus on institutional objectives and include general, debt servicing, special revenue and capital outlay project funds.
b/ The Proprietary Funds Group focus on ongoing governmental activities that generate income similar to enterprise operations, such as a bookstore, cafeteria and farm operations or an internal service operation.
c/ The Fiduciary Funds Group account for assets held by the district in a trustee or agency capacity for individuals, private organizations, other governmental units, and/or other funds.

California Community Colleges, Fiscal Services, (916) 327-6225

TABLE M-21

ASSESSED VALUE OF STATE- AND COUNTY-ASSESSED
TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION
BY CLASS OF PROPERTY, CALIFORNIA, 2007-08
(In millions)

Type of property	State assessed	County assessed	Total
Net total a/	$71,676	$4,279,102	$4,350,778
Land	9,816	1,884,882	1,894,697
Improvements	47,115	2,336,693	2,383,808
Personal property b/	14,745	170,474	185,219
Exemptions c/	--	112,947	112,947

a/ Net total is the sum of land, improvements, and personal property less exemptions. Detail may not add to total due to rounding.
b/ Excludes the value of railroad cars operated by private car companies, subject to exclusive state taxation.
c/ Exemptions include those for veterans, churches, private colleges, private schools and hospitals, but exclude the reimbursable homeowners' exemption. Business inventories, exempt since 1980-81, are also excluded.

TABLE M-22

ASSESSED VALUE OF TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION,
TAX ALLOCATIONS AND LEVIES AND AVERAGE TAX RATE,
CALIFORNIA, 1997-98 TO 2006-07
(In thousands)

	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Net taxable assessed value	$1,916,726,156	$2,003,978,054	$2,144,645,957	$2,315,505,706	$2,527,594,012	$2,713,800,983	$2,915,777,625	$3,153,065,108	$3,492,830,140	$3,927,421,514
Property tax allocations and levies a/										
City	$2,258,788	$2,349,902	$2,516,641	$2,691,682	$2,941,459	$3,179,248	$3,446,600	$3,416,386	$3,941,727	$4,555,913
County b/	3,875,866	4,033,642	4,371,342	4,790,393	5,209,002	5,557,338	5,804,623	5,930,542	6,413,307	7,427,006
School b/	10,651,498	11,218,479	12,036,791	12,900,038	14,140,157	15,340,914	16,767,285	19,330,465	21,171,050	22,912,889
Other district c/	3,673,178	3,813,856	3,965,526	4,385,028	4,872,686	5,273,766	5,793,576	5,843,383	6,814,796	8,259,985
Total	$20,459,330	$21,415,879	$22,890,300	$24,767,141	$27,163,304	$29,351,266	$31,812,084	$34,520,776	$38,340,880	$43,155,793
Average tax rate per $100 of assessed value	1.067%	1.069%	1.067%	1.070%	1.075%	1.082%	1.091%	1.095%	1.098%	1.099%
Exempt valuation, excluded from assessed value data shown above										
Total	$89,878,418	$92,556,887	$95,103,376	$99,271,272	$102,785,456	$108,308,517	$115,603,307	$123,236,946	$129,911,210	$140,116,495
Homeowners	35,902,715	35,995,709	36,199,137	36,396,322	36,763,845	37,115,077	37,660,115	37,957,506	38,163,819	38,235,070
All other	53,975,703	56,561,178	58,904,240	62,874,950	66,021,611	71,193,440	77,943,192	85,279,440	91,747,391	101,881,424

a/ County levies (set at $1.00 per $100 of assessed value by Proposition 13) have been allocated among the jurisdictions receving a portion of those levies. State reimbursements to local governments for the homeowners' exemption are excluded: 1994-95, $378,816,000: 1995-96, $376,167,000; 1996-97, $376,427,000; 1997-98, $383,236,000; 1998-99, $388,829,000; 1999-00, $397,137,000; 2000-01, $398,362,000; 2001-02, $405,460,000, 2002-03, $414,211,000, 2003-04, $424,786,000; 2004-05 $431,065,000; 2005-06, $433,864,000 and 2006-07, $432,782,000. The business inventory reimbursement was eliminated effective 1984-85.
b/ County levies for school purposes such as junior college tuition and county-wide school levies are included with school levies.
c/ Includes debt levies on land and/or improvements only. Also includes the portion of the $1.00 levy allocated to jurisdictions previously taxing less than total property.

Source agency for tables M-21 and M-22:
State Board of Equalization, Research & Statistics Section, (916) 445-0840; http://www.boe.ca.gov

TABLE M-23

2006-07 PROPERTY TAX DOLLAR a/
BY GOVERNING BODY, CALIFORNIA

County	City	County	School purpose b/	Other districts	Total
Statewide	$0.11	$0.17	$0.53	$0.19	$1.00
Alameda	0.20	0.14	0.43	0.23	1.00
Alpine	-	0.62	0.26	0.12	1.00
Amador	0.04	0.32	0.62	0.02	1.00
Butte	0.05	0.11	0.62	0.22	1.00
Calaveras	0.01	0.18	0.68	0.13	1.00
Colusa	0.06	0.26	0.59	0.09	1.00
Contra Costa	0.08	0.12	0.50	0.30	1.00
Del Norte	0.01	0.18	0.64	0.17	1.00
El Dorado	0.02	0.22	0.49	0.27	1.00
Fresno	0.12	0.13	0.63	0.12	1.00
Glenn	0.06	0.20	0.69	0.05	1.00
Humboldt	0.03	0.19	0.64	0.14	1.00
Imperial	0.08	0.13	0.61	0.18	1.00
Inyo	0.01	0.28	0.61	0.10	1.00
Kern	0.05	0.25	0.59	0.11	1.00
Kings	0.07	0.22	0.54	0.17	1.00
Lake	0.02	0.22	0.55	0.21	1.00
Lassen	0.04	0.20	0.71	0.05	1.00
Los Angeles	0.15	0.21	0.45	0.19	1.00
Madera	0.03	0.14	0.72	0.11	1.00
Marin	0.11	0.17	0.59	0.13	1.00
Mariposa	0.00	0.26	0.69	0.05	1.00
Mendocino	0.01	0.27	0.60	0.12	1.00
Merced	0.07	0.22	0.62	0.09	1.00
Modoc	0.03	0.27	0.64	0.06	1.00
Mono	0.04	0.30	0.42	0.24	1.00
Monterey	0.06	0.16	0.63	0.15	1.00
Napa	0.10	0.19	0.66	0.05	1.00
Nevada	0.07	0.14	0.58	0.21	1.00
Orange	0.10	0.07	0.62	0.21	1.00
Placer	0.07	0.17	0.64	0.12	1.00
Plumas	0.01	0.21	0.67	0.11	1.00
Riverside	0.06	0.11	0.49	0.34	1.00
Sacramento	0.10	0.17	0.52	0.21	1.00
San Benito	0.02	0.12	0.59	0.27	1.00
San Bernardino	0.06	0.10	0.43	0.41	1.00
San Diego	0.12	0.13	0.62	0.13	1.00
San Francisco	-	0.61	0.31	0.08	1.00
San Joaquin	0.10	0.19	0.57	0.14	1.00
San Luis Obispo	0.08	0.24	0.61	0.07	1.00
San Mateo	0.10	0.14	0.61	0.15	1.00
Santa Barbara	0.05	0.19	0.60	0.16	1.00
Santa Clara	0.09	0.14	0.62	0.15	1.00
Santa Cruz	0.06	0.12	0.57	0.25	1.00
Shasta	0.06	0.13	0.65	0.16	1.00
Sierra	0.01	0.52	0.33	0.14	1.00
Siskiyou	0.06	0.21	0.69	0.04	1.00
Solano	0.13	0.16	0.46	0.25	1.00
Sonoma	0.06	0.20	0.60	0.14	1.00
Stanislaus	0.06	0.11	0.73	0.10	1.00
Sutter	0.09	0.16	0.64	0.11	1.00
Tehama	0.04	0.25	0.68	0.03	1.00
Trinity	0.00	0.29	0.66	0.05	1.00
Tulare	0.05	0.20	0.60	0.15	1.00
Tuolumne	0.01	0.29	0.63	0.07	1.00
Ventura	0.08	0.16	0.52	0.24	1.00
Yolo	0.18	0.09	0.56	0.17	1.00
Yuba	0.03	0.21	0.68	0.08	1.00

a/ Includes ad valore m a/ Includes ad valorem levies for debt service on land and/or improvemen
only, but excludes spe only, but excludes special assessments levied on other than an ad
valorem basis (e.g. pe valorem basis (e.g. per parcel). These proportions are based on the initial
allocations without any allocations without any adjustment for the subsequent allocation of ERAF
funds to either the Sal funds to either the Sales and Use Tax Compensation Fund or to cities an
counties due to the Ve counties due to the Vehicle License Fee swap.
b/ County levies for school purposes such as junior college tuition
and countywide school levies are included with school levies.

Board of Equalization, Research & Statistics Section, (916)445-0840; http://www.boe.ca.gov

TABLE M-24

SENIOR CITIZENS AND DISABLED
HOMEOWNER/RENTER
PROPERTY TAX ASSISTANCE, CALIFORNIA, 2007

Household income class	Homeowners		Renters	
	No. of claimants	Amt. of assistance	No. of claimants	Amt. of assistance
Total	142,561	$38,325,199	464,121	$146,558,875
$1,000 or less	503	213,161	7,876	2,699,004
1,001-2,000	947	405,848	6,164	2,098,412
2,001-3,000	430	188,944	2,940	994,314
3,001-4,000	307	133,487	2,472	835,768
4,001-5,000	373	162,623	2,967	1,004,767
5,001-6,000	619	267,097	3,876	1,316,100
6,001-7,000	1,019	444,351	5,443	1,858,259
7,001-8,000	1,563	678,332	13,127	4,506,652
8,001-9,000	2,224	964,338	21,821	7,515,420
9,001-10,000	4,545	1,945,318	68,617	23,676,988
10,001-11,000	10,484	4,393,953	165,346	57,001,850
11,001-12,000	5,246	2,167,869	25,321	8,423,319
12,001-13,000	5,426	2,200,160	24,826	8,050,945
13,001-14,000	5,650	2,251,011	12,049	3,785,249
14,001-15,000	5,630	2,176,646	10,688	3,252,021
15,001-16,000	5,691	2,132,911	8,566	2,506,922
16,001-17,000	5,843	2,120,632	8,580	2,427,225
17,001-18,000	6,959	2,426,073	20,820	5,668,608
18,001-19,000	6,462	2,132,515	11,731	3,043,433
19,001-20,000	5,675	1,726,841	6,006	1,420,881
20,000-21,000	5,526	1,529,597	4,993	1,070,982
21,001-22,000	5,403	1,377,566	3,961	782,336
22,001-23,000	5,039	1,143,985	3,572	625,646
23,001-24,000	4,925	987,582	3,144	484,442
24,001-25,000	4,588	811,689	2,760	376,645
25,001-26,000	4,411	681,901	2,385	283,528
26,001-27,000	4,228	585,174	2,093	221,093
27,001-28,000	3,894	454,707	1,868	165,334
28,001-29,000	3,685	367,270	1,614	122,585
29,001-30,000	3,319	286,706	1,423	93,182
30,001-31,000	2,977	214,490	1,153	62,941
31,001-32,000	2,657	157,393	1,016	45,946
32,001-33,000	2,457	122,699	860	32,352
33,001-34,000	2,234	107,163	744	27,122
34,001-35,000	2,035	81,102	623	18,543
35,001-36,000	1,843	69,191	551	15,511
36,001-37,000	1,663	55,294	475	11,780
37,001-38,000	1,390	43,700	435	10,198
38,001-39,000	1,345	40,356	370	8,290
39,001-40,000	1,148	28,444	300	5,585
40,001-41,000	991	23,033	236	4,098
41,001-42,000	736	14,614	178	2,651
42,001-42,770	471	9,433	131	1,948

Note: Totals may not match those on Table M-25 due to rounding.

Franchise Tax Board
Economic and Statistical Research Bureau
(916) 845-3400
http://www.ftb.ca.gov/

TABLE M-25

SENIOR CITIZENS AND DISABLED
HOMEOWNER/RENTER PROPERTY TAX ASSISTANCE, CALIFORNIA, 2007 a/

County	Owners			Renters		
	Number of Claimants	Property Tax Paid	Amount of Assistance	Number of Claimants	Property Tax Paid	Amount of Assistance
Total	142,561	$142,111,356	$38,325,198	464,121	$116,030,250	$146,558,875
Alameda	4,606	4,558,152	1,256,841	19,534	4,883,500	6,223,877
Alpine	c/	1,917	282	c/	d/	798
Amador	323	357,662	75,494	310	77,500	89,461
Butte	2,163	1,729,600	599,323	4,118	1,029,500	1,277,908
Calaveras	322	347,042	89,287	385	96,250	117,332
Colusa	105	59,133	27,112	161	40,250	49,055
Contra Costa	3,689	4,045,475	880,655	8,555	2,138,750	2,641,406
Del Norte	320	241,308	103,218	998	249,500	326,864
El Dorado	748	963,580	189,683	1,183	295,750	341,566
Fresno	4,955	3,769,789	1,483,672	15,624	3,906,000	5,060,330
Glenn	184	121,937	50,603	345	86,250	107,895
Humboldt	1,432	1,138,863	378,263	2,604	651,000	805,778
Imperial	892	555,089	296,940	3,385	846,250	1,109,279
Inyo	111	94,986	26,631	273	68,250	76,951
Kern	5,811	3,984,387	1,618,827	12,876	3,219,000	4,153,049
Kings	757	484,016	208,014	1,623	405,750	512,819
Lake	1,023	806,263	295,311	1,473	368,250	461,996
Lassen	144	94,031	38,480	260	65,000	81,604
Los Angeles	31,766	31,808,769	8,974,021	156,755	39,188,750	50,492,654
Madera	623	555,309	171,822	1,196	299,000	376,328
Marin	726	1,151,456	152,559	1,365	341,250	408,589
Mariposa	201	203,385	57,745	201	50,250	61,397
Mendocino	626	649,653	173,483	1,268	317,000	381,793
Merced	1,445	1,248,809	401,414	3,859	964,750	1,226,118
Modoc	118	53,741	34,209	113	28,250	37,870
Mono	27	26,795	6,554	c/	d/	4,503
Monterey	813	820,986	213,701	1,892	473,000	558,099
Napa	324	318,018	75,236	666	166,500	191,257
Nevada	494	641,518	122,337	736	184,000	214,066
Orange	8,965	9,619,559	2,302,682	29,859	7,464,750	9,421,929
Placer	1,218	1,740,850	283,321	2,299	574,750	657,251
Plumas	123	94,884	29,042	281	70,250	90,509
Riverside	11,125	11,648,631	2,856,136	16,942	4,235,500	5,069,092
Sacramento	5,420	5,509,314	1,444,683	23,673	5,918,250	7,463,519
San Benito	117	134,347	30,312	165	41,250	50,839
San Bernardino	9,119	8,250,765	2,444,620	19,430	4,857,500	6,064,080
San Diego	9,064	9,332,261	2,334,144	32,702	8,175,500	10,216,978
San Francisco	2,065	2,829,161	601,791	18,187	4,546,750	5,715,273
San Joaquin	2,874	2,735,003	798,393	12,370	3,092,500	3,982,648
San Luis Obispo	1,098	1,407,267	279,524	2,144	536,000	629,208
San Mateo	2,296	3,019,746	573,780	3,533	883,250	1,038,869
Santa Barbara	1,322	1,399,912	332,842	3,284	821,000	990,267
Santa Clara	4,114	4,652,512	1,028,536	13,965	3,491,250	4,419,041
Santa Cruz	752	873,949	194,590	2,168	542,000	660,638
Shasta	2,067	1,941,698	555,260	3,371	842,750	1,037,532
Sierra	c/	15,935	3,825	55	13,750	17,769
Siskiyou	792	505,463	218,511	1,082	270,500	341,396
Solano	1,022	1,166,370	256,230	3,535	883,750	1,095,649
Sonoma	2,099	2,743,891	486,139	4,079	1,019,750	1,149,170
Stanislaus	2,314	2,248,798	654,650	7,880	1,970,000	2,504,301
Sutter	362	306,677	105,781	1,023	255,750	318,328
Tehama	586	406,463	165,324	981	245,250	305,050
Trinity	169	128,041	49,286	199	49,750	63,664
Tulare	2,500	1,741,515	723,902	5,138	1,284,500	1,634,217
Tuolumne	411	427,562	105,876	799	199,750	242,642
Ventura	2,266	2,713,022	573,507	5,501	1,375,250	1,603,601
Yolo	576	504,518	150,807	2,162	540,500	673,544
Yuba	406	325,659	123,888	1,534	383,500	499,458
Unallocated b/	2,553	2,855,914	616,099	4,004	1,001,250	1,211,771

a/ Totals may not match those on Table M-24 due to rounding.
b/ Unable to determine county of residence from tax returns.
c/ Fewer than 25 claims.
d/ Data withheld to avoid disclosure.

Franchise Tax Board, Economic and Statistical Research Bureau, (916) 845-3400, http://www.ftb.ca.gov/

SECTION N
LAW ENFORCEMENT

This section presents summary tables showing the number and procedural movement of persons under commitment to the two State correctional agencies, the Departments of Corrections and Youth Authority.

TABLE N-1

OFFENSE GROUPS OF FELONS IN CALIFORNIA PRISONS
AS OF DECEMBER 31, 2001 TO 2006

Offense	2001			2002			2003			2004			2005			2006		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total known offenses	154,428	145,068	9,360	157,754	148,328	9,426	155,722	145,728	9,994	158,191	147,698	10,493	168,055	156,596	11,459	172,379	160,626	11,753
Homicide	22,087	20,999	1,088	22,753	21,617	1,136	24,462	23,168	1,294	24,558	23,328	1,230	25,458	24,150	1,308	26,311	24,974	1,337
Robbery	16,533	15,971	562	16,919	16,325	594	16,960	16,338	622	17,625	16,957	668	18,148	17,447	701	18,978	18,201	777
Assault and battery	19,904	19,084	820	21,158	20,257	901	21,523	20,561	962	22,227	21,186	1,041	23,435	22,332	1,103	24,237	23,119	1,118
Rape	2,140	2,131	9	2,153	2,145	8	2,185	2,176	9	2,255	2,247	8	2,258	2,252	6	2,302	2,295	7
Other sex	10,478	10,389	89	10,945	10,856	89	11,306	11,199	107	11,585	11,494	91	11,900	11,819	81	12,365	12,287	78
Kidnapping	2,078	2,009	69	2,145	2,068	77	2,358	2,270	88	2,399	2,317	82	2,467	2,369	98	2,496	2,389	107
Burglary	13,272	12,425	847	13,341	12,525	816	12,808	11,927	881	12,766	11,785	981	13,399	12,372	1,027	13,506	12,416	1,090
Theft, except vehicle	11,773	10,399	1,374	12,209	10,823	1,386	11,307	9,932	1,375	11,345	9,818	1,527	12,340	10,654	1,686	12,173	10,518	1,655
Vehicle theft	4,588	4,403	185	5,039	4,818	221	5,188	4,894	294	5,634	5,257	377	6,541	6,116	425	6,709	6,207	502
Forgery/fraud	2,350	1,812	538	2,698	2,047	651	2,694	1,964	730	2,764	2,028	736	2,991	2,157	834	2,916	2,106	810
Other property	553	483	70	644	582	62	661	590	71	680	609	71	810	722	88	918	818	100
Drugs	37,996	34,711	3,285	35,327	32,361	2,966	33,252	30,147	3,105	32,520	29,385	3,135	35,437	31,963	3,474	35,711	32,165	3,546
All others	10,676	10,252	424	12,423	11,904	519	11,018	10,562	456	11,833	11,287	546	12,871	12,243	628	13,757	13,131	626

TABLE N-2

MOVEMENT OF INSTITUTION POPULATION
CALIFORNIA, 2007

Movement	Men	Women
Population, January 1, 2007	160,770	11,758
Received	148,630	17,948
Committed by court	42,621	6,206
Returned for parole violations	85,456	8,041
Returned from escape	33	12
Returned from court	7,194	1,285
From other State/Federal/CYA	120	3
All other	13,206	2,401
Released	148,954	18,263
Discharged	2,855	272
Paroled	121,386	13,781
Died	211	11
Escaped	23	10
Taken to Court	8,739	1,534
To other State/Federal/CYA	129	6
All other	15,611	2,649
Population, December 31, 2007	160,028	11,416
Net change during year	-742	-342

CYA: California Youth Authority

Source agency for tables N1 and N2:
Department of Corrections
Offender Information Services Branch
(916) 327-3262
http://www.cdc.state.ca.us/

TABLE N-3

TIME SERVED ON PRISON SENTENCE
FELONS FIRST RELEASED TO PAROLE BY OFFENSE a/, CALIFORNIA 2007
(In months)

	Total Paroled	Total Months Served		Jail Months Served		CDC Months Served	
		Mean	Median b/	Mean	Median	Mean	Median
Total c/	67,967	23.9	14.9	4.7	3.2	19.1	11.2
Personal	14,776	41.2	25.2	6.6	5.0	34.6	19.2
Homicide	538	92.2	71.5	12.1	9.3	80.1	59.7
Murder 1st (Pre 11/8/78)	8	368.2	359.2	7.8	9.3	360.4	350.7
Murder 1st	3	299.9	297.6	37.6	4.1	262.2	285.5
Murder 2nd (Pre 11/8/78)	2	75.1	75.1	3.7	3.7	71.4	71.4
Murder 2nd	34	275.0	287.9	11.9	9.5	263.1	283.8
Manslaughter	328	92.6	102.4	15.4	12.4	77.2	83.4
Vehicular Manslaughter	163	36.2	28.9	5.4	3.7	30.8	25.9
Robbery	2,931	53.3	35.8	6.8	5.1	46.5	30.3
Assault	8,407	31.5	20.1	6.3	4.8	25.3	14.4
Assault With Deadly Weapon	3,198	37.2	24.4	7.1	5.8	30.1	17.3
Attempted Murder 1st	10	192.4	205.4	11.4	11.8	181.0	193.1
Attempted Murder 2nd	248	114.7	112.4	11.7	10.0	103.1	100.7
Other Assault/Battery	4,951	23.4	18.2	5.5	3.9	17.9	11.7
Sex Crimes	2,750	45.0	30.7	6.1	4.8	38.9	24.1
Rape	210	82.1	61.4	8.6	5.9	73.5	55.7
Lewd Act with Child	1,168	59.9	61.2	6.7	5.4	53.2	47.4
Oral Copulation	81	54.3	31.0	6.5	4.8	47.8	27.6
Sodomy	34	88.2	62.1	7.4	6.5	80.8	52.1
Penetration With Object	71	48.1	30.8	7.7	5.0	40.4	26.8
Other Sex	1,186	21.7	17.4	5.0	3.8	16.7	11.1
Kidnapping	150	93.4	61.5	8.3	6.8	85.1	53.5
Property	22,628	18.4	13.0	4.0	2.5	14.4	10.2
Burglary	6,346	22.9	14.3	4.5	2.9	18.4	11.0
Burglary 1st	1,888	36.3	23.6	5.7	4.1	30.6	17.6
Burglary 2nd	4,458	17.2	12.7	4.0	2.5	13.3	9.7
Property Theft	8,766	16.4	12.5	3.7	2.3	12.8	8.9
Grand Theft	2,181	16.8	12.6	4.1	2.8	12.6	8.6
Petty Theft With Prior	3,488	17.3	12.4	3.3	2.0	14.0	9.3
Receiving Stolen Property	3,097	15.2	12.5	3.7	2.4	11.5	8.6
Other	7,516	16.9	12.9	4.0	2.5	12.9	10.3
Vehicle Theft	4,639	17.1	13.1	3.7	2.3	13.3	10.8
Forgery/Fraud	2,170	17.1	12.9	4.2	2.7	12.8	9.9
Other Property	707	15.4	12.3	4.6	3.2	10.8	7.5
Drugs	22,198	20.2	14.5	4.5	3.0	15.8	11.0
Sales Related	10,400	25.0	19.3	4.8	3.2	20.1	15.6
CS Possession For Sale	6,866	23.0	18.6	4.4	3.0	18.6	14.4
CS Sales	2,070	32.2	24.2	5.9	3.9	26.3	17.5
CS Manufacturing	460	40.1	34.7	7.5	5.4	32.6	28.2
Marijuana Poss. For Sale	729	14.7	12.2	3.7	2.6	10.9	7.7
Marijuana Sale	275	21.9	14.9	5.1	3.7	16.8	11.2
Possession	11,798	16.0	12.4	4.1	2.9	11.9	7.7
CS Possession	11,284	15.8	12.3	4.1	2.9	11.7	7.7
CS Other	402	22.2	14.2	4.2	2.6	18.0	11.0
Hashish Possession	36	16.4	12.4	4.4	3.1	12.0	7.5
Marijuana Other	76	16.5	12.4	4.9	4.1	11.6	8.1
Other Crimes	8,365	17.9	13.0	4.3	2.8	13.7	9.7
Escape	67	18.8	12.8	4.1	2.2	14.7	9.6
Driving under the influence	2,015	15.5	12.4	3.6	2.4	11.9	8.1
Arson	191	28.9	20.5	7.1	6.0	21.7	13.0
Possession of Weapon	3,928	17.6	12.9	3.8	2.5	13.8	10.3
Other Offenses	2,164	19.8	14.1	5.4	4.3	14.4	9.6

CS: Controlled substances
a/ First releases to parole include new admissions paroled for the first time and parole violators returned with a new term by the courts and paroled for the first time following the new offense.
b/ The median time served in CDC and prior to CDC may not add to the total median time served because the medians were calculated separately.
c/ Total includes parolees with missing offenses.

Department of Corrections, Offender Information Services Branch, (916) 327-3262, http://www.cdc.state.ca.us/

TABLE N-4

MOVEMENT OF YOUTH AUTHORITY PAROLE
POPULATION, CALIFORNIA, 1994 TO 2007

Movement	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
On parole, January 1	6,064	6,007	6,077	6,415	6,335	5,893	5,089	4,655	4,412	4,207	4,167	4,040	3,514	3,070
Received on parole	3,917	3,853	4,058	3,807	3,308	2,956	2,606	2,607	2,574	2,515	2,429	1,824	1,483	1,237
Removed from parole	3,974	3,783	3,720	3,887	3,750	3,760	3,040	2,850	2,779	2,555	2,557	2,351	1,925	1,809
Ordered returned	1,749	1,726	1,460	1,546	1,333	1,103	1,080	968	998	883	863	897	702	577
Discharged	2,225	2,057	2,260	2,341	2,417	2,657	1,960	1,882	1,781	1,672	1,694	1,412	1,223	1,232
Not on violation	1,384	1,269	1,461	1,530	1,590	1,808	1,210	1,156	1,102	960	1,004	647	697	773
On violation	841	788	799	811	827	849	750	726	679	712	690	765	526	459
On parole, December 31	6,007	6,077	6,415	6,335	5,893	5,089	4,655	4,412	4,207	4,167	4,039	3,513	3,072	2,498
Net change during year	-54	+70	+338	-80	-442	-804	-434	-243	-205	-39	-128	-527	-441	-574
Percent change from prior year	-0.9	+1.2	+5.6	-1.2	-7	-13.6	-8.5	-5.2	-4.6	-0.9	-3.1	-13.0	-12.6	-18.7

Department of Corrections and Rehabilitation, Juvenile Justice Division
Information Systems Unit
(916) 262-1485
http://www.cya.ca.gov/

TABLE N-5

MOVEMENT OF POPULATION IN INSTITUTIONS
HOUSING YOUTH AUTHORITY OFFENDERS a/, CALIFORNIA, 1994 TO 2007

Movement	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Population, January 1	8,805	9,505	10,031	9,572	8,596	8,081	7,665	7,305	6,497	5,558	4,696	3,681	3,249	2,850
Received b/	8,897	8,674	8,458	7,142	6,566	6,037	5,522	5,086	4,769	4,941	4,750	4,184	3,241	2,612
Committed by court	3,589	3,788	3,490	2,245	2,154	2,183	1,904	1,592	1,402	1,229	891	906	721	559
Returned from parole	1,486	1,489	1,282	1,332	1,223	1,076	1,072	971	994	889	861	896	703	574
Parole detention	2,007	1,891	2,483	2,685	2,310	2,030	1,778	1,802	1,707	1,894	2,013	1,779	1,255	976
Other	1,815	1,506	1,203	880	879	748	768	721	666	929	985	603	562	503
Released b/	8,197	8,148	8,917	8,118	7,081	6,453	5,882	5,894	5,708	5,813	5,768	4,614	3,641	2,997
Paroled	3,654	3,588	3,794	3,609	3,057	2,809	2,500	2,494	2,491	2,476	2,372	1,802	1,505	1,251
To California supervision (CYA)	3,569	3,506	3,708	3,526	2,962	2,711	2,390	2,391	2,409	2,406	2,321	1,744	1,401	1,163
To Dept. of Corrections parole	5	3	1	1	1	25	44	31	23	25	8	21	79	74
To out-of-state supervision	80	79	85	82	94	73	66	72	58	45	43	37	25	14
Escaped	11	29	21	29	17	18	12	16	16	16	10	6	4	4
Discharged or otherwise released	2,571	2,656	2,694	1,897	1,641	1,506	1,569	1,606	1,411	1,465	1,373	980	834	721
Parole detention	1,961	1,875	2,408	2,583	2,366	2,120	1,801	1,778	1,791	1,856	2,013	1,826	1,298	1,021
Population, December 31	9,505	10,031	9,572	8,596	8,081	7,665	7,305	6,497	5,558	4,686	3,678	3,251	2,849	2,465
Net change during year	+700	+526	-459	-976	-515	-416	-360	-809	-939	-867	-1,018	-430	-402	-384
Percent change from prior year	+8.0	+5.5	-4.6	-10.2	-6.0	-5.1	-4.7	-11.1	-14.5	-15.6	-21.7	-11.7	-12.4	-13.5

a/ Includes wards in Youth Authority and Department of Corrections and Federal institutions, excluding wards in other State or local facilities.
b/ Includes California Department of Corrections commitments placed in Youth Authority Institutions under Welfare and Institutions Code Section 1731.5(c), as well as direct Youth Authority commitments.

Department of Corrections and Rehabilitation, Juvenile Justice Division
Information Systems Unit
(916) 262-1485
http://www.cya.ca.gov/

SECTION O
ELECTIONS

Information relating to registrations and voting is presented in this section. In the interest of space, the data are limited to registrations by principal political parties, the total votes cast, and a statement of the vote for major candidates at the Primary and General Elections. A complete accounting of registrations, the vote for all candidates (including representatives in Congress, State senators, assemblymen, and judicial officers) and the votes cast for and against all ballot propositions is given by the Secretary of State in Statement of Vote, a booklet issued after each primary and general election.

TABLE O-1

REGISTRATION AND VOTES CAST IN CALIFORNIA

	2000 Primary Election	2000 General Election	2002 Primary Election	2002 General Election	2003 *Special* Election	2004 Primary Election	2004 General Election	2005 *Special* Election	2006 Primary Election	2006 General Election	2008 P/ Primary Election	2008 S/ Primary Election
Registrations, total	14,631,805	15,707,307	15,280,808	15,303,469	15,380,536	15,091,160	16,557,273	15,891,482	15,668,439	15,837,108	15,712,753	16,123,787
Democratic	6,684,668	7,134,601	6,873,476	6,825,400	6,718,111	6,518,631	7,120,425	6,785,188	6,685,288	6,727,908	6,749,406	7,053,860
Republican	5,140,951	5,485,492	5,354,358	5,388,895	5,429,356	5,364,832	5,745,518	5,524,609	5,387,865	5,436,314	5,229,425	5,244,394
Other	773,523	830,898	798,155	768,666	766,700	727,658	765,429	709,626	704,313	704,397	690,758	696,849
American Independent	295,387	321,838	309,174	299,231	297,707	291,055	326,763	312,050	311,481	315,151	328,261	331,619
Green	108,904	138,734	146,251	155,952	165,722	157,749	160,579	146,865	143,573	141,451	127,042	120,725
Libertarian	87,183	94,900	92,318	90,495	89,540	86,053	89,617	83,968	83,132	84,093	80,435	79,711
Natural Law	62,183	58,275	49,924	44,561	37,278	30,597	28,779	23,882	22,892	22,231	--	--
Peace and Freedom	--	--	--	--	77,856	70,475	68,110	59,571	59,545	59,139	57,182	56,364
Reform	85,869	79,152	67,072	58,482	--	--	--	--	--	--	--	--
Miscellaneous non-qualified	133,997	137,999	133,416	119,945	98,597	91,729	91,581	83,290	83,690	82,332	97,838	108,430
Declines-to-Affiliate	2,032,663	2,256,316	2,254,819	2,320,508	2,466,369	2,480,039	2,925,901	2,872,059	2,890,973	2,968,489	3,043,164	3,128,684
Votes Cast	7,883,385	11,142,843	5,286,204	7,738,821	9,413,494	6,684,421	12,589,683	7,968,757	5,269,142	8,802,431	9,068,415	4,550,227

P/ Presidential Primary
S/ Statewide Direct Primary
2008 was the first year the presidential primary was split from the statewide direct primary election since 1940.

Secretary of State
Elections Division
(916) 657-2166
http://www.ss.ca.gov/

TABLE O-2

STATEMENT OF VOTE a/ FOR ELECTED OFFICIALS, 2003, 2004 AND 2006 a/

	Democratic Candidate	Vote	Republican Candidate	Vote
2006				
Governor	Phil Angelides	3,344,857	Arnold Schwarzenegger	4,798,713
Lieutenant Governor	John Garamendi	4,150,037	Tom McClintock	3,804,004
Secretary of State	Debra Bowen	3,994,629	Bruce McPherson	3,731,761
Controller	John Chiang	4,192,386	Tony Strickland	3,324,071
Treasurer	Bill Lockyer	4,481,169	Claude Parrish	3,061,164
Attorney General	Jerry Brown	4,710,780	Chuck Poochigian	3,184,485
Insurance Commissioner	Cruz Bustamante	3,173,655	Steve Poizner	4,185,569
Member, State Board of Equalization:				
First District	Betty T. Yee	1,480,850	David J. Neighbors	666,660
Second District	Tim Raboy	769,511	Bill Leonard	1,134,082
Third District	Mary Christian-Heising	770,709	Michelle Steel	1,141,999
Fourth District	Judy May Chu	1,035,391	Glen Forsch	433,353
2004				
United States President	John F. Kerry John Edwards	6,745,485	George W. Bush Dick Cheney	5,509,826
United States Senator-Short Term	Barbara Boxer	6,955,728	Bill Jones	4,555,922
2003 Special Election				
Governor	Cruz M. Bustamante	2,724,874	Arnold Schwarzenegger	4,206,284

a/ For candidates and vote of minor parties and write-ins, see 'Statement of Vote' booklet, compiled by the California Secretary of State.

Source agency for tables O1 and O2: California Secretary of State, Elections Division, (916) 657-2166
http://www.ss.ca.gov/

TABLE O-3

VOTER REGISTRATION BY COUNTY, CALIFORNIA
PRESIDENTIAL PRIMARY ELECTION, JANUARY 22, 2008

County	Eligible to register	Registered to vote	Demo-cratic	Repub-lican	American Inde-pendent	Green	Liber-tarian	Peace and Freedom	Miscel-laneous	Declined to Affiliate
State totals	22,948,059	15,712,753	6,749,406	5,229,425	328,261	127,042	80,435	57,182	97,838	3,043,164
Percent		68.47%	42.95%	33.28%	2.09%	0.81%	0.51%	0.36%	0.62%	19.37%
Alameda	975,263	704,320	390,950	117,845	11,714	11,628	2,935	2,854	5,502	160,892
Alpine	944	787	284	283	27	14	6	1	1	171
Amador	26,490	20,627	7,228	9,561	664	139	136	32	102	2,765
Butte	158,118	119,131	41,522	47,562	3,480	2,027	845	500	946	22,249
Calaveras	35,113	27,006	9,181	11,871	856	308	317	61	109	4,303
Colusa	11,924	7,852	2,776	3,625	197	25	23	24	18	1,164
Contra Costa	691,629	475,821	231,047	136,831	9,380	3,770	2,080	1,067	3,369	88,277
Del Norte	17,516	12,233	4,576	4,739	402	117	70	45	123	2,161
El Dorado	126,891	100,551	31,044	46,316	2,745	962	673	254	680	17,877
Fresno	528,743	352,661	139,805	154,326	6,538	1,636	1,248	771	3,593	44,744
Glenn	17,413	11,640	3,775	5,461	351	45	39	37	33	1,899
Humboldt	98,869	75,175	31,708	21,660	1,837	3,404	619	261	239	15,447
Imperial	88,167	52,367	28,542	13,557	988	112	157	221	344	8,446
Inyo	13,123	9,944	3,240	4,511	293	95	65	25	60	1,655
Kern	466,919	282,829	100,728	131,878	7,658	706	1,284	593	556	39,426
Kings	76,608	46,101	16,984	21,919	937	107	145	38	373	5,598
Lake	46,478	32,744	14,116	10,233	1,050	399	209	129	79	6,529
Lassen	18,098	13,441	3,921	6,332	601	55	75	25	60	2,372
Los Angeles	5,712,484	3,963,780	1,986,965	1,026,123	69,063	24,336	18,155	23,175	31,667	784,296
Madera	82,178	50,521	17,297	24,184	1,139	214	201	102	247	7,137
Marin	180,129	143,628	76,163	30,992	2,577	2,890	708	277	465	29,556
Mariposa	14,297	11,198	3,550	5,171	375	128	72	23	112	1,767
Mendocino	61,724	46,268	21,691	11,331	1,243	2,041	369	241	274	9,078
Merced	138,081	89,456	40,407	35,161	1,810	267	240	191	168	11,212
Modoc	6,954	5,237	1,534	2,621	182	25	32	7	5	831
Mono	9,802	6,610	2,074	2,509	199	110	69	23	4	1,622
Monterey	230,872	143,194	69,502	42,538	2,879	1,190	585	375	367	25,758
Napa	90,558	65,989	30,731	20,139	1,618	818	358	155	457	11,713
Nevada	74,926	59,379	19,691	25,154	1,612	1,271	445	123	224	10,859
Orange	1,840,292	1,537,201	468,599	715,704	32,031	8,065	10,427	4,171	7,179	291,025
Placer	235,563	182,724	52,952	91,990	3,920	1,319	1,184	240	405	30,714
Plumas	15,846	12,894	4,336	5,615	452	97	87	30	25	2,252
Riverside	1,269,305	729,471	254,982	322,037	18,099	2,540	3,443	1,987	5,110	121,273
Sacramento	922,309	611,954	264,417	204,997	14,635	4,963	2,907	3,623	1,665	114,747
San Benito	34,076	23,812	10,728	7,838	566	141	111	64	94	4,270
San Bernardino	1,214,392	723,661	273,804	297,327	19,239	2,821	3,424	2,441	3,944	120,661
San Diego	2,026,537	1,313,725	457,215	506,496	32,036	8,065	8,018	2,991	8,407	290,497
San Francisco	592,185	415,761	228,691	43,534	6,647	10,716	2,140	1,507	1,014	121,512
San Joaquin	407,636	245,781	104,540	98,088	4,873	802	813	714	1,726	34,225
San Luis Obispo	191,262	146,898	52,154	61,523	3,578	1,657	912	275	1,722	25,077
San Mateo	474,415	357,075	178,458	83,613	6,744	3,388	1,589	850	1,251	81,182
Santa Barbara	274,254	183,099	75,681	63,401	3,909	1,978	1,043	386	1,920	34,781
Santa Clara	1,101,684	689,052	313,582	181,156	12,134	4,701	3,663	1,656	1,915	170,245
Santa Cruz	177,484	136,415	73,233	27,167	2,470	3,851	1,107	416	1,125	27,046
Shasta	130,602	90,029	26,982	43,739	2,667	489	563	237	264	15,088
Sierra	2,537	2,236	703	958	83	26	22	5	31	408
Siskiyou	33,574	25,588	9,031	10,715	861	217	239	62	67	4,396
Solano	270,071	168,577	82,432	47,331	3,680	840	655	354	936	32,349
Sonoma	330,131	230,488	117,638	57,921	4,678	5,354	1,357	609	1,321	41,610
Stanislaus	320,253	209,212	84,174	85,864	4,919	844	853	877	1,942	29,739
Sutter	59,965	39,075	12,735	19,000	935	120	170	106	153	5,856
Tehama	42,585	28,875	9,610	13,019	1,210	127	210	92	132	4,475
Trinity	10,713	8,028	2,900	3,072	294	122	71	36	103	1,430
Tulare	238,667	135,949	46,727	64,070	3,232	502	484	344	351	20,239
Tuolumne	38,290	31,671	11,348	13,793	963	270	200	74	127	4,896
Ventura	518,761	384,273	148,441	148,914	7,984	2,698	2,017	868	3,901	69,450
Yolo	129,204	90,706	42,704	24,585	1,910	1,325	413	429	774	18,566
Yuba	45,155	28,033	9,577	11,525	1,097	165	153	108	57	5,351

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TABLE O-4

VOTER PARTICIPATION BY COUNTY, CALIFORNIA
AT THE PRESIDENTIAL PRIMARY ELECTION, FEBRUARY 5, 2008

				Number and Percent of Votes Cast				
County	Number of Precincts	Eligible to register	Registered to vote	Precinct voters	Absentee voters	Total voters	Percent of registered	Percent of eligible
State totals	23,109	22,948,059	15,712,753	5,291,321	3,777,094	9,068,415	57.71%	39.52%
Percent			68.47%					
Alameda	1,204	975,263	704,320	220,806	208,124	428,930	60.90%	43.98%
Alpine	5	944	787	0	482	482	61.25%	51.06%
Amador	59	26,490	20,627	7,084	7,477	14,561	70.59%	54.97%
Butte	152	158,118	119,131	31,759	36,251	68,010	57.09%	43.01%
Calaveras	30	35,113	27,006	6,849	10,221	17,070	63.21%	48.61%
Colusa	18	11,924	7,852	2,296	2,293	4,589	58.44%	38.49%
Contra Costa	816	691,629	475,821	161,084	157,140	318,224	66.88%	46.01%
Del Norte	18	17,516	12,233	4,192	2,476	6,668	54.51%	38.07%
El Dorado	117	126,891	100,551	26,973	37,554	64,527	64.17%	50.85%
Fresno	558	528,743	352,661	87,243	89,071	176,314	50.00%	33.35%
Glenn	30	17,413	11,640	4,692	2,891	7,583	65.15%	43.55%
Humboldt	132	98,869	75,175	26,241	18,351	44,592	59.32%	45.10%
Imperial	94	88,167	52,367	13,422	7,588	21,010	40.12%	23.83%
Inyo	25	13,123	9,944	3,667	2,685	6,352	63.88%	48.40%
Kern	444	466,919	282,829	84,873	69,492	154,365	54.58%	33.06%
Kings	178	76,608	46,101	13,261	8,419	21,680	47.03%	28.30%
Lake	52	46,478	32,744	8,715	10,048	18,763	57.30%	40.37%
Lassen	36	18,098	13,441	4,102	3,481	7,583	56.42%	41.90%
Los Angeles	4,766	5,712,484	3,963,780	1,701,077	482,921	2,183,998	55.10%	38.23%
Madera	112	82,178	50,521	13,643	17,055	30,698	60.76%	37.36%
Marin	183	180,129	143,628	47,633	61,093	108,726	75.70%	60.36%
Mariposa	21	14,297	11,198	3,038	4,218	7,256	64.80%	50.75%
Mendocino	235	61,724	46,268	22,830	6,478	29,308	63.34%	47.48%
Merced	117	138,081	89,456	22,738	18,394	41,132	45.98%	29.79%
Modoc	20	6,954	5,237	2,320	1,016	3,336	63.70%	47.97%
Mono	13	9,802	6,610	2,602	845	3,447	52.15%	35.17%
Monterey	184	230,872	143,194	34,269	50,896	85,165	59.48%	36.89%
Napa	143	90,558	65,989	27,648	16,789	44,437	67.34%	49.07%
Nevada	63	74,926	59,379	13,690	26,469	40,159	67.63%	53.60%
Orange	2,076	1,840,292	1,537,201	408,352	340,558	748,910	48.72%	40.70%
Placer	345	235,563	182,724	54,734	68,190	122,924	67.27%	52.18%
Plumas	29	15,846	12,894	3,084	5,005	8,089	62.73%	51.05%
Riverside	1,194	1,269,305	729,471	236,706	170,767	407,473	55.86%	32.10%
Sacramento	1,218	922,309	611,954	186,372	170,925	357,297	58.39%	38.74%
San Benito	56	34,076	23,812	8,168	5,712	13,880	58.29%	40.73%
San Bernardino	991	1,214,392	723,661	229,094	147,520	376,614	52.04%	31.01%
San Diego	1,801	2,026,537	1,313,725	436,672	360,371	797,043	60.67%	39.33%
San Francisco	580	592,185	415,761	158,995	110,217	269,212	64.75%	45.46%
San Joaquin	434	407,636	245,781	77,140	54,824	131,964	53.69%	32.37%
San Luis Obispo	140	191,262	146,898	41,606	51,740	93,346	63.54%	48.81%
San Mateo	553	474,415	357,075	115,769	95,928	211,697	59.29%	44.62%
Santa Barbara	314	274,254	183,099	55,685	65,979	121,664	66.45%	44.36%
Santa Clara	929	1,101,684	689,052	175,875	281,817	457,692	66.42%	41.54%
Santa Cruz	192	177,484	136,415	52,700	38,433	91,133	66.81%	51.35%
Shasta	147	130,602	90,029	25,545	30,695	56,240	62.47%	43.06%
Sierra	22	2,537	2,236	0	1,526	1,526	68.25%	60.15%
Siskiyou	61	33,574	25,588	5,804	9,169	14,973	58.52%	44.60%
Solano	189	270,071	168,577	50,476	58,497	108,973	64.64%	40.35%
Sonoma	452	330,131	230,488	69,319	106,829	176,148	76.42%	53.36%
Stanislaus	413	320,253	209,212	49,262	52,429	101,691	48.61%	31.75%
Sutter	58	59,965	39,075	13,662	8,731	22,393	57.31%	37.34%
Tehama	47	42,585	28,875	7,256	10,659	17,915	62.04%	42.07%
Trinity	24	10,713	8,028	1,770	3,087	4,857	60.50%	45.34%
Tulare	180	238,667	135,949	40,885	28,282	69,167	50.88%	28.98%
Tuolumne	69	38,290	31,671	9,892	10,247	20,139	63.59%	52.60%
Ventura	578	518,761	384,273	141,130	97,402	238,532	62.07%	45.98%
Yolo	146	129,204	90,706	29,618	24,351	53,969	59.50%	41.77%
Yuba	46	45,155	28,033	7,003	6,986	13,989	49.90%	30.98%

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SECTION P
COMPARATIVE FISCAL AND ECONOMIC DATA FOR THE STATES

Public finance, economic, social, and demographic comparisons are featured in this section. The Department of Finance, Economic Research Unit, compiled the tables using data supplied by various sources. Major data sources include: US Department of Commerce, Bureau of the Census and Bureau of Economic Analysis; US Department of Labor, Bureau of Labor Statistics; Department of Defense; Department of Agriculture; National Education Association; and the Federal Bureau of Investigation.

TABLE P-1

TOTAL TAX REVENUE OF
CALIFORNIA STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	$63.89	30
1971-72	71.61	27
1972-73	71.73	30
1973-74	70.08	30
1974-75	75.84	22
1975-76	77.23	21
1976-77	81.80	16
1977-78	86.70	13
1978-79	82.17	16
1979-80	84.94	8
1980-81	79.00	13
1981-82	75.63	17
1982-83	71.64	20
1983-84	76.76	22
1984-85	78.00	20
1985-86	72.90	25
1986-87	78.47	17
1987-88	73.18	25
1988-89	77.62	18
1989-90	74.97	23
1990-91	72.45	19
1991-92	72.83	23
1992-93	73.04	27
1993-94	69.41	25
1994-95	70.05	24
1995-96	71.47	20
1996-97	72.89	19
1997-98	73.57	16
1998-99	78.32	15
1999-00	84.54	10
2000-01	82.18	8
2001-02	68.51	17
2002-03	68.92	16
2003-04	72.40	15
2004-05	77.75	13
2005-06	82.59	13

a/ Rankings are from high (1) to low.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-2

TOTAL TAX REVENUE OF CALIFORNI
STATE AND LOCAL GOVERNMENT
PER $1,000 OF PERSONAL INCOME a

Fiscal Year	Amount	National Rank
1970-71	$137.33	8
1971-72	149.42	4
1972-73	149.09	5
1973-74	140.10	7
1974-75	145.91	3
1975-76	148.92	4
1976-77	154.93	3
1977-78	157.99	4
1978-79	120.63	24
1979-80	121.68	14
1980-81	114.92	17
1981-82	112.59	18
1982-83	108.32	23
1983-84	115.39	22
1984-85	116.82	17
1985-86	109.98	24
1986-87	116.80	16
1987-88	111.91	24
1988-89	114.25	21
1989-90	114.39	20
1990-91	111.96	22
1991-92	113.80	24
1992-93	112.09	25
1993-94	110.65	34
1994-95	115.56	24
1995-96	113.38	24
1996-97	111.42	23
1997-98	114.50	18
1998-99	113.58	15
1999-00	120.69	8
2000-01	n.a.	--
2001-02	106.10	16
2002-03	n.a.	--
2003-04	113.06	14
2004-05	115.87	17
2005-06	121.45	13

a/ Rankings are from high (1) to low.
n.a. State data were not available for FYs 200
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov

TABLE P-3

INDIVIDUAL INCOME TAX REVENUE
OF CALIFORNIA STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	$14.26	18
1971-72	19.53	16
1972-73	18.48	20
1973-74	15.85	23
1974-75	19.48	18
1975-76	21.23	17
1976-77	23.53	17
1977-78	26.74	11
1978-79	23.91	17
1979-80	28.35	11
1980-81	25.39	12
1981-82	25.89	11
1982-83	24.62	17
1983-84	27.68	11
1984-85	28.99	9
1985-86	26.84	10
1986-87	30.42	9
1987-88	26.09	16
1988-89	29.79	10
1989-90	29.05	10
1990-91	27.15	15
1991-92	26.89	15
1992-93	25.77	21
1993-94	24.51	19
1994-95	24.12	18
1995-96	25.69	14
1996-97	27.51	12
1997-98	30.19	10
1998-99	33.25	10
1999-00	39.92	4
2000-01	40.53	3
2001-02	29.12	9
2002-03	28.46	8
2003-04	30.74	8
2004-05	33.96	5
2005-06	37.99	3

a/ Rankings are from high (1) to low.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-4

INDIVIDUAL INCOME TAX REVENUE
OF CALIFORNIA STATE GOVERNMENT
PER CAPITA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	$62.63	15	$164.10
1971-72	89.82	12	228.26
1972-73	91.57	14	223.74
1973-74	86.24	20	195.20
1974-75	115.96	13	235.64
1975-76	137.44	10	258.56
1976-77	165.37	10	292.64
1977-78	207.79	10	341.49
1978-79	209.66	11	315.42
1979-80	273.09	8	357.31
1980-81	278.41	9	326.75
1981-82	315.52	8	334.31
1982-83	303.85	9	314.71
1983-84	360.57	10	360.57
1984-85	408.20	7	389.02
1985-86	421.34	9	385.94
1986-87	501.54	6	444.94
1987-88	454.34	11	386.82
1988-89	544.18	8	441.79
1989-90	565.33	8	436.92
1990-91	553.56	9	406.16
1991-92	551.71	10	390.67
1992-93	551.09	14	378.08
1993-94	558.29	14	376.34
1994-95	580.72	12	384.87
1995-96	651.24	11	425.49
1996-97	721.24	11	460.56
1997-98	850.55	9	532.30
1998-99	927.21	8	566.35
1999-00	1,168.36	4	691.82
2000-01	1,289.43	3	731.87
2001-02	944.14	6	520.72
2002-03	922.36	7	495.73
2003-04	1,015.54	6	535.76
2004-05	1,194.54	6	609.90
2005-06	1,412.97	5	691.81

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-5

GENERAL SALES TAX REVENUE OF
CALIFORNIA STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	$20.25	28
1971-72	21.31	25
1972-73	21.44	24
1973-74	23.48	20
1974-75	26.81	13
1975-76	26.86	15
1976-77	28.03	15
1977-78	28.79	14
1978-79	28.44	14
1979-80	29.36	16
1980-81	27.98	12
1981-82	26.76	14
1982-83	25.00	17
1983-84	26.33	17
1984-85	26.09	17
1985-86	24.57	18
1986-87	23.97	20
1987-88	23.36	25
1988-89	23.98	23
1989-90	23.53	24
1990-91	23.15	25
1991-92	23.57	21
1992-93	24.98	18
1993-94	23.57	20
1994-95	23.26	22
1995-96	23.49	20
1996-97	23.61	21
1997-98	23.14	22
1998-99	24.54	20
1999-00	23.66	23
2000-01	22.08	27
2001-02	20.99	28
2002-03	21.67	27
2003-04	22.39	28
2004-05	23.67	20
2005-06	23.88	21

a/ Rankings are from high (1) to low.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-6

PROPERTY TAX REVENUE OF
CALIFORNIA STATE AND LOCAL GOVERN
PER $1,000 OF PERSONAL INCOME a

Fiscal Year	Amount	National Rank
1970-71	$67.45	3
1971-72	71.09	4
1972-73	70.21	2
1973-74	62.84	6
1974-75	62.71	5
1975-76	64.13	6
1976-77	65.14	4
1977-78	63.57	5
1978-79	30.37	35
1979-80	28.41	33
1980-81	27.84	35
1981-82	28.86	31
1982-83	28.10	34
1983-84	29.58	30
1984-85	29.86	29
1985-86	28.72	31
1986-87	30.04	29
1987-88	31.20	29
1988-89	29.74	32
1989-90	30.92	31
1990-91	31.36	29
1991-92	32.55	29
1992-93	31.16	33
1993-94	30.24	35
1994-95	32.09	28
1995-96	29.96	32
1996-97	28.56	33
1997-98	28.68	33
1998-99	27.51	33
1999-00	26.37	36
2000-01	n.a.	--
2001-02	26.64	35
2002-03	n.a.	--
2003-04	29.13	35
2004-05	26.92	38
2005-06	27.61	36

a/ Rankings are from high (1) to low.
n.a. State detail was not available for FYs 2(
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gc

TABLE P-7

TOTAL CALIFORNIA STATE TAXES
PER CAPITA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	$280.64	16	$735.32
1971-72	329.31	11	836.89
1972-73	355.49	13	868.59
1973-74	381.29	13	863.01
1974-75	451.48	8	917.46
1975-76	500.05	8	940.65
1976-77	574.95	7	1,017.43
1977-78	673.62	6	1,107.02
1978-79	720.54	6	1,084.01
1979-80	818.23	5	1,070.56
1980-81	866.37	6	1,016.75
1981-82	921.86	8	976.75
1982-83	884.24	10	915.84
1983-84	999.83	10	999.83
1984-85	1,098.14	9	1,046.55
1985-86	1,144.45	11	1,048.32
1986-87	1,293.81	8	1,147.81
1987-88	1,274.11	9	1,084.76
1988-89	1,418.08	8	1,151.27
1989-90	1,458.98	9	1,127.60
1990-91	1,477.10	10	1,083.78
1991-92	1,494.42	10	1,058.20
1992-93	1,561.58	13	1,071.34
1993-94	1,581.09	13	1,065.80
1994-95	1,686.32	14	1,117.60
1995-96	1,811.49	11	1,183.54
1996-97	1,911.08	12	1,220.36
1997-98	2,072.87	9	1,297.26
1998-99	2,183.96	9	1,333.99
1999-00	2,474.25	6	1,465.07
2000-01	2,614.27	6	1,483.83
2001-02	2,221.46	8	1,225.19
2002-03	2,233.26	10	1,200.28
2003-04	2,391.65	9	1,261.75
2004-05	2,735.03	10	1,396.44
2005-06	3,071.65	8	1,503.94

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-8

TOTAL CALIFORNIA STATE AND LOCAL TAXES
PER CAPITA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	$603.22	3	$1,580.53
1971-72	687.11	2	1,746.19
1972-73	738.84	2	1,805.26
1973-74	762.25	4	1,725.27
1974-75	868.62	2	1,765.09
1975-76	964.20	3	1,813.91
1976-77	1,088.92	3	1,926.99
1977-78	1,227.47	3	2,017.27
1978-79	1,057.87	9	1,591.51
1979-80	1,172.23	6	1,533.73
1980-81	1,260.30	6	1,479.10
1981-82	1,372.38	5	1,454.12
1982-83	1,336.90	12	1,384.70
1983-84	1,503.07	11	1,503.07
1984-85	1,644.80	9	1,567.51
1985-86	1,726.57	10	1,581.52
1986-87	1,925.77	8	1,708.43
1987-88	1,948.47	10	1,658.90
1988-89	2,087.38	9	1,694.64
1989-90	2,226.33	9	1,720.65
1990-91	2,282.56	9	1,674.76
1991-92	2,372.41	10	1,679.90
1992-93	2,395.92	12	1,643.75
1993-94	2,404.35	17	1,620.75
1994-95	2,570.07	14	1,703.30
1995-96	2,704.52	14	1,767.00
1996-97	2,849.85	16	1,819.83
1997-98	3,021.89	14	1,891.19
1998-99	3,167.21	12	1,934.57
1999-00	3,544.74	7	2,098.93
2000-01	n.a.	--	--
2001-02	3,555.02	9	1,960.68
2002-03	n.a.	--	--
2003-04	3,735.66	11	1,970.80
2004-05	4,075.88	13	2,081.04
2005-06	4,517.23	9	2,211.72

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.
n.a. State detail was not available for FYs 2001 and 2003.
Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-9

TOTAL TAX REVENUE
OF STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. Average
1	Alaska	$130.71	174.5
2	Hawaii	111.42	148.8
3	New Mexico	109.19	145.8
4	Delaware	100.46	134.1
5	Minnesota	97.38	130.0
6	Wisconsin	96.40	128.7
7	Wyoming	94.20	125.8
8	Mississippi	91.03	121.5
9	Kentucky	89.59	119.6
10	Washinton	88.91	118.7
11	West Virginia	88.13	117.7
12	Arizona	87.49	116.8
13	CALIFORNIA	86.70	115.8
14	Louisiana	85.40	114.0
15	Maine	84.78	113.2
16	South Carolina	84.30	112.6
17	Vermont	83.10	111.0
18	Idaho	82.06	109.6
19	New York	80.94	108.1
20	Utah	80.69	107.7
21	North Carolina	79.55	106.2
22	Massachusetts	78.66	105.0
23	Michigan	78.28	104.5
24	Arkansas	77.98	104.1
25	Nevada	77.21	103.1
26	Maryland	76.75	102.5
27	Alabama	76.59	102.3
28	North Dakota	76.56	102.2
29	Pennsylvania	75.83	101.2
	UNITED STATES	74.90	100.0
30	Oklahoma	73.78	98.5
31	Montana	72.57	96.9
32	Rhode Island	72.37	96.6
33	Georgia	71.93	96.0
34	Iowa	70.81	94.5
35	Oregon	69.60	92.9
36	Tennessee	68.52	91.5
37	Florida	66.63	89.0
38	Indiana	66.54	88.8
39	Virginia	66.27	88.5
40	Illinois	66.11	88.3
41	Nebraska	64.84	86.6
42	Colorado	64.64	86.3
43	Kansas	63.34	84.6
44	Connecticut	61.88	82.6
45	Texas	61.76	82.5
46	New Jersey	58.71	78.4
47	Missouri	55.86	74.6
48	Ohio	54.54	72.8
49	South Dakota	54.48	72.7
50	New Hampshire	43.34	57.9

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-10

TOTAL TAX REVENUE
OF STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Vermont	$118.27	171.1
2	Wyoming	112.28	162.4
3	Hawaii	111.07	160.7
4	Alaska	102.35	148.1
5	West Virginia	95.18	137.7
6	New Mexico	94.65	136.9
7	Arkansas	93.77	135.7
8	Delaware	91.78	132.8
9	Minnesota	90.97	131.6
10	Maine	88.60	128.2
11	Louisiana	86.21	124.7
12	Kentucky	84.06	121.6
13	CALIFORNIA	82.59	119.5
14	Mississippi	81.01	117.2
15	North Dakota	80.02	115.8
16	Utah	77.89	112.7
17	Idaho	77.88	112.7
18	Montana	77.86	112.6
19	North Carolina	77.29	111.8
20	Wisconsin	75.84	109.7
21	Oklahoma	73.43	106.2
22	Washington	73.02	105.6
23	New York	72.66	105.1
24	Connecticut	72.58	105.0
25	Michigan	71.76	103.8
26	Rhode Island	71.42	103.3
27	Indiana	70.47	102.0
28	Kansas	69.97	101.2
29	New Jersey	69.59	100.7
30	Massachusetts	69.17	100.1
	UNITED STATES	69.12	100.0
31	Nebraska	68.68	99.4
32	Nevada	68.20	98.7
33	Pennsylvania	67.25	97.3
34	Ohio	67.03	97.0
35	Oregon	66.17	95.7
36	Arizona	65.74	95.1
37	Iowa	65.65	95.0
38	Alabama	64.11	92.8
39	South Carolina	64.08	92.7
40	Maryland	62.99	91.1
41	Illinois	60.61	87.7
42	Florida	60.28	87.2
43	Georgia	59.96	86.7
44	Virginia	59.91	86.7
45	Tennessee	57.68	83.5
46	Missouri	55.97	81.0
47	Colorado	48.50	70.2
48	South Dakota	48.31	69.9
49	Texas	48.17	69.7
50	New Hampshire	42.51	61.5

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-11

INDIVIDUAL INCOME TAX REVENUE
OF STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Oregon	$47.22	197.5
2	New York	39.00	163.1
3	CALIFORNIA	37.99	158.9
4	Massachusetts	37.39	156.4
5	Minnesota	36.02	150.7
6	North Carolina	35.52	148.6
7	Hawaii	35.02	146.5
8	Connecticut	34.57	144.6
9	Maine	33.70	141.0
10	Delaware	32.68	136.7
11	Utah	32.48	135.8
12	Wisconsin	32.47	135.8
13	Virginia	31.62	132.3
14	Idaho	30.30	126.7
15	Georgia	28.30	118.4
16	Montana	28.16	117.8
17	New Jersey	27.84	116.4
18	West Virginia	27.10	113.3
19	Ohio	26.94	112.7
20	Arkansas	26.90	112.5
21	Nebraska	26.79	112.0
22	Kansas	26.78	112.0
23	Vermont	26.64	111.4
24	Rhode Island	26.56	111.1
25	Maryland	26.50	110.8
26	Iowa	25.90	108.3
27	Oklahoma	25.89	108.3
28	Missouri	24.69	103.3
29	Kentucky	24.65	103.1
30	Colorado	24.24	101.4
	UNITED STATES	23.91	100.0
31	Indiana	22.66	94.8
32	South Carolina	22.52	94.2
33	Louisiana	22.34	93.4
34	Pennsylvania	20.89	87.4
35	New Mexico	20.82	87.1
36	Alabama	20.79	87.0
37	Michigan	18.84	78.8
38	Illinois	18.61	77.8
39	Arizona	17.99	75.2
40	Mississippi	16.97	71.0
41	North Dakota	13.60	56.9
42	New Hampshire	1.65	6.9
43	Tennessee	1.04	4.4
--	Alaska	--	--
--	Florida	--	--
--	Nevada	--	--
--	South Dakota	--	--
--	Texas	--	--
--	Washington	--	--
--	Wyoming	--	--

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-12

GENERAL SALES TAX
OF STATE GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Hawaii	$53.19	241.3
2	Washington	44.71	202.8
3	Mississippi	41.22	187.0
4	Arkansas	37.05	168.1
5	Nevada	35.07	159.1
6	Tennessee	34.94	158.5
7	Florida	33.68	152.8
8	Wyoming	33.06	150.0
9	New Mexico	32.26	146.3
10	Louisiana	30.62	138.9
11	Arizona	29.67	134.6
12	South Dakota	27.59	125.2
12	Indiana	27.59	125.2
14	Utah	26.96	122.3
15	Idaho	26.73	121.2
16	South Carolina	26.31	119.4
17	Maine	25.64	116.3
18	Michigan	24.45	110.9
19	Nebraska	24.43	110.8
20	Texas	24.06	109.1
21	CALIFORNIA	23.88	108.3
22	Kansas	23.73	107.6
23	West Virginia	23.51	106.6
24	Minnesota	23.29	105.7
25	Kentucky	23.21	105.3
26	Wisconsin	22.69	103.0
27	Rhode Island	22.25	100.9
	UNITED STATES	22.04	100.0
28	Ohio	21.13	95.8
29	North Dakota	21.09	95.7
30	Georgia	20.43	92.7
31	Pennsylvania	19.45	88.3
32	Iowa	19.32	87.6
33	North Carolina	18.84	85.5
34	Connecticut	18.19	82.5
35	New Jersey	18.16	82.4
36	Missouri	17.04	77.3
37	Oklahoma	17.02	77.2
38	Illinois	16.72	75.9
39	Alabama	16.70	75.7
40	Vermont	16.02	72.7
41	Maryland	14.57	66.1
42	Massachusetts	14.30	64.9
43	New York	14.26	64.7
44	Colorado	11.98	54.3
45	Virginia	11.37	51.6
--	Alaska	--	--
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-13

TOTAL STATE TAXES PER CAPITA
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Wyoming	$4,138.88	173.9
2	Vermont	3,876.85	162.9
3	Hawaii	3,846.80	161.7
4	Alaska	3,667.31	154.1
5	Connecticut	3,470.47	145.9
6	Minnesota	3,362.33	141.3
7	Delaware	3,354.75	141.0
8	CALIFORNIA	3,071.65	129.1
9	New Jersey	3,030.92	127.4
10	Massachusetts	3,014.31	126.7
11	New York	2,977.03	125.1
12	Maine	2,736.75	115.0
13	New Mexico	2,631.25	110.6
14	Maryland	2,610.65	109.7
15	Rhode Island	2,582.54	108.5
16	Washington	2,574.31	108.2
17	North Dakota	2,544.34	106.9
18	West Virginia	2,520.16	105.9
19	Arkansas	2,497.51	105.0
20	Wisconsin	2,475.49	104.0
21	Nevada	2,468.67	103.8
	UNITED STATES	2,379.42	100.0
22	Kentucky	2,367.28	99.5
23	Michigan	2,347.43	98.7
24	Pennsylvania	2,342.26	98.4
25	North Carolina	2,322.87	97.6
26	Kansas	2,277.03	95.7
27	Louisiana	2,274.52	95.6
28	Virginia	2,250.19	94.6
29	Nebraska	2,245.82	94.4
30	Montana	2,245.81	94.4
31	Illinois	2,201.51	92.5
32	Oklahoma	2,185.16	91.8
33	Indiana	2,161.90	90.9
34	Idaho	2,146.81	90.2
35	Ohio	2,140.34	90.0
36	Utah	2,117.30	89.0
37	Mississippi	2,066.01	86.8
38	Florida	2,060.17	86.6
39	Iowa	2,058.46	86.5
40	Oregon	2,056.39	86.4
41	Arizona	1,928.37	81.0
42	Alabama	1,858.22	78.1
43	Georgia	1,823.33	76.6
44	South Carolina	1,792.06	75.3
45	Colorado	1,788.05	75.1
46	Tennessee	1,753.17	73.7
47	Missouri	1,743.86	73.3
48	New Hampshire	1,586.02	66.7
49	Texas	1,563.24	65.7
50	South Dakota	1,508.10	63.4

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-14

TOTAL STATE GOVERNMENT EXPENDITURES
PER CAPITA, FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Alaska	$12,693.32	244.4
2	Wyoming	7,823.39	150.6
3	Delaware	7,645.80	147.2
4	Vermont	7,486.93	144.2
5	New York	7,408.64	142.7
6	Hawaii	6,971.26	134.2
7	New Mexico	6,898.53	132.8
8	Rhode Island	6,551.99	126.2
9	New Jersey	6,239.65	120.1
10	CALIFORNIA	6,215.68	119.7
11	Massachusetts	6,198.00	119.3
12	Minnesota	6,011.84	115.8
13	Maine	5,973.55	115.0
14	Connecticut	5,914.21	113.9
15	Louisiana	5,708.00	109.9
16	North Dakota	5,699.73	109.7
17	Ohio	5,663.95	109.1
18	Mississippi	5,620.03	108.2
19	Montana	5,486.47	105.6
20	Oregon	5,437.60	104.7
21	West Virginia	5,413.51	104.2
22	South Carolina	5,411.12	104.2
23	Wisconsin	5,405.87	104.1
24	Washington	5,320.04	102.4
25	Michigan	5,254.97	101.2
26	Pennsylvania	5,234.05	100.8
27	Kentucky	5,230.74	100.7
	UNITED STATES	5,193.41	100.0
28	Maryland	5,170.63	99.6
29	Arkansas	5,115.62	98.5
30	Iowa	5,026.62	96.8
31	Alabama	4,849.60	93.4
32	Oklahoma	4,718.99	90.9
33	Utah	4,669.30	89.9
34	North Carolina	4,634.78	89.2
35	New Hampshire	4,564.61	87.9
36	Kansas	4,555.27	87.7
37	Virginia	4,551.71	87.6
38	South Dakota	4,394.95	84.6
39	Nebraska	4,366.98	84.1
40	Illinois	4,364.67	84.0
41	Idaho	4,339.76	83.6
42	Indiana	4,277.37	82.4
43	Colorado	4,227.84	81.4
44	Florida	4,216.65	81.2
45	Arizona	4,173.33	80.4
46	Missouri	4,168.66	80.3
47	Nevada	4,149.24	79.9
48	Tennessee	3,945.37	76.0
49	Georgia	3,740.58	72.0
50	Texas	3,653.25	70.3

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-15

TOTAL TAX REVENUE OF STATE AND LOCAL GOVERNMENT, PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Wyoming	$165.92	142.8
2	New York	156.52	134.7
3	Alaska	150.98	129.9
x	District of Columbia	143.62	123.6
4	Maine	142.94	123.0
5	Louisiana	140.46	120.9
6	Hawaii	140.00	120.5
7	Vermont	135.30	116.4
8	New Mexico	129.17	111.1
9	New Jersey	125.34	107.8
10	West Virginia	122.83	105.7
11	Wisconsin	122.60	105.5
12	Rhode Island	121.91	104.9
13	CALIFORNIA	121.45	104.5
14	Nebraska	119.19	102.6
15	Connecticut	118.89	102.3
16	Indiana	118.70	102.1
17	Ohio	118.16	101.7
18	Utah	118.13	101.6
19	Minnesota	118.05	101.6
20	Arkansas	116.91	100.6
21	North Dakota	116.82	100.5
22	Kansas	116.55	100.3
	UNITED STATES	116.22	100.0
23	Delaware	116.09	99.9
24	Kentucky	114.51	98.5
25	Pennsylvania	113.58	97.7
26	North Carolina	112.59	96.9
27	Illinois	112.35	96.7
28	Washington	111.99	96.4
29	Idaho	111.58	96.0
30	Maryland	111.08	95.6
31	Mississippi	110.65	95.2
32	Montana	110.58	95.1
33	Arizona	110.25	94.9
34	Iowa	110.04	94.7
35	Massachusetts	109.26	94.0
36	Georgia	109.21	94.0
37	Michigan	108.99	93.8
38	Nevada	108.23	93.1
39	Oregon	108.13	93.0
40	Florida	108.06	93.0
41	Oklahoma	105.74	91.0
42	Virginia	104.75	90.1
43	South Carolina	102.76	88.4
44	Missouri	100.68	86.6
45	Texas	99.70	85.8
46	Colorado	98.01	84.3
47	Alabama	95.97	82.6
48	Tennessee	93.38	80.3
49	New Hampshire	92.30	79.4
50	South Dakota	91.03	78.3

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-16

STATE AND LOCAL
GENERAL SALES TAX
PER CAPITA
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Washington	$1,853.05	196.2
2	Hawaii	1,842.06	195.0
3	Wyoming	1,566.55	165.9
4	Louisiana	1,554.82	164.6
x	District of Columbia	1,395.60	147.8
5	Tennessee	1,350.75	143.0
6	Nevada	1,332.30	141.1
7	Arkansas	1,281.01	135.6
8	New Mexico	1,271.39	134.6
9	Florida	1,216.99	128.8
10	Arizona	1,210.47	128.2
11	South Dakota	1,159.02	122.7
12	New York	1,130.69	119.7
13	CALIFORNIA	1,113.04	117.8
14	Mississippi	1,051.63	111.3
15	Kansas	1,026.54	108.7
16	Georgia	1,016.04	107.6
17	Colorado	1,007.23	106.6
18	Texas	962.47	101.9
	UNITED STATES	944.52	100.0
19	Utah	938.36	99.3
20	Nebraska	934.39	98.9
21	Oklahoma	890.62	94.3
22	Minnesota	874.15	92.6
23	Connecticut	869.82	92.1
24	Indiana	846.35	89.6
25	Missouri	844.98	89.5
26	Alabama	837.37	88.7
27	Rhode Island	804.66	85.2
28	Ohio	802.66	85.0
29	North Dakota	800.56	84.8
30	Michigan	799.91	84.7
31	Maine	791.85	83.8
32	New Jersey	790.83	83.7
33	Wisconsin	788.66	83.5
34	North Carolina	764.99	81.0
35	Iowa	764.43	80.9
36	South Carolina	758.00	80.3
37	Idaho	736.77	78.0
38	Illinois	709.43	75.1
39	Pennsylvania	693.81	73.5
40	Kentucky	656.05	69.5
41	Massachusetts	623.12	66.0
42	West Virginia	622.42	65.9
43	Maryland	603.66	63.9
44	Virginia	560.68	59.4
45	Vermont	531.63	56.3
46	Alaska	252.97	26.8
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-17

PROPERTY TAX REVENUE OF
STATE AND LOCAL GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. Average
1	Alaska	$75.52	172.7
2	Massachusetts	71.82	164.2
3	Montana	66.21	151.4
4	Wyoming	64.26	146.9
5	CALIFORNIA	63.57	145.3
6	New York	61.92	141.6
7	New Hampshire	61.81	141.3
8	Vermont	61.15	139.8
9	New Jersey	59.64	136.4
10	South Dakota	54.18	123.9
11	Connecticut	53.94	123.3
12	Arizona	53.65	122.7
13	Rhode Island	53.27	121.8
14	Oregon	53.19	121.6
15	Nebraska	52.16	119.2
16	Maine	50.80	116.1
17	Wisconsin	47.59	108.8
18	Kansas	47.32	108.2
19	Michigan	45.99	105.1
20	Colorado	44.88	102.6
21	Iowa	44.37	101.4
	UNITED STATES	43.74	100.0
22	Minnesota	42.55	97.3
23	Illinois	41.88	95.8
24	Nevada	41.09	93.9
25	Washington	39.26	89.8
26	North Dakota	38.67	88.4
27	Texas	37.68	86.2
28	Maryland	37.15	84.9
29	Idaho	36.77	84.1
30	Utah	35.77	81.8
31	Indiana	35.65	81.5
32	Ohio	34.99	80.0
33	Florida	34.71	79.4
34	Georgia	32.45	74.2
x	District of Columbia	31.85	73.8
35	Virginia	30.99	70.8
36	Missouri	29.68	67.9
37	Tennessee	25.72	58.8
38	Mississippi	25.60	58.5
39	North Carolina	25.52	58.3
40	South Carolina	25.10	57.4
41	Hawaii	22.95	52.5
42	Arkansas	21.68	49.6
43	Pennsylvania	21.66	49.5
44	Oklahoma	21.63	49.4
45	New Mexico	21.39	48.9
46	Kentucky	20.51	46.9
47	West Virginia	20.09	45.9
48	Delaware	18.99	43.4
49	Louisiana	16.69	38.2
50	Alabama	12.42	28.4

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-18

PROPERTY TAX REVENUE OF
STATE AND LOCAL GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	New Hampshire	$56.81	162.7
2	Vermont	56.43	161.6
3	New Jersey	54.44	155.9
4	Maine	54.42	155.9
5	Wyoming	52.11	149.2
6	Rhode Island	49.18	140.8
7	New York	46.12	132.1
8	Connecticut	45.27	129.6
9	Wisconsin	44.11	126.3
10	Indiana	43.48	124.5
11	Texas	42.77	122.5
12	Illinois	42.13	120.7
13	Michigan	40.93	117.2
14	Alaska	39.93	114.3
15	Montana	38.77	111.0
16	Nebraska	38.73	110.9
17	Massachusetts	38.62	110.6
x	District of Columbia	38.35	109.8
18	Florida	37.34	106.9
19	Kansas	36.51	104.6
20	Iowa	36.39	104.2
	UNITED STATES	34.92	100.0
21	Ohio	34.41	98.6
22	Pennsylvania	32.91	94.2
23	South Carolina	32.70	93.7
24	Virginia	32.18	92.1
25	Oregon	32.13	92.0
26	Georgia	31.49	90.2
27	North Dakota	31.30	89.6
28	South Dakota	31.17	89.3
29	Washington	30.75	88.1
30	Idaho	30.70	87.9
31	Arizona	30.54	87.5
32	Colorado	29.98	85.9
33	Mississippi	28.08	80.4
34	Minnesota	28.03	80.3
35	Nevada	27.81	79.7
36	CALIFORNIA	27.61	79.1
37	Missouri	27.40	78.5
38	Utah	26.76	76.6
39	North Carolina	26.21	75.0
40	Maryland	25.68	73.5
41	Tennessee	22.35	64.0
42	Hawaii	22.19	63.5
43	West Virginia	22.11	63.3
44	Louisiana	22.06	63.2
45	Kentucky	20.44	58.6
46	New Mexico	17.67	50.6
47	Arkansas	17.64	50.5
48	Delaware	17.03	48.8
49	Oklahoma	16.93	48.5
50	Alabama	14.48	41.5

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-19

GENERAL SALES TAX
OF STATE AND LOCAL GOVERNMENT
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Louisiana	$58.93	214.8
2	Hawaii	53.19	193.9
3	Washington	52.56	191.6
4	Arkansas	48.10	175.3
5	New Mexico	45.74	166.7
6	Tennessee	44.44	162.0
7	Wyoming	42.50	154.9
8	Arizona	41.27	150.4
9	Mississippi	41.24	150.3
10	South Dakota	37.12	135.3
11	Nevada	36.81	134.2
12	Florida	35.61	129.8
13	Utah	34.52	125.8
14	Georgia	33.41	121.8
15	Kansas	31.55	115.0
16	Oklahoma	29.93	109.1
16	CALIFORNIA	29.93	109.1
18	Texas	29.66	108.1
19	Alabama	28.89	105.3
20	Nebraska	28.57	104.1
21	New York	27.59	100.6
21	Indiana	27.59	100.6
	UNITED STATES	27.44	100.0
23	Colorado	27.32	99.6
24	Missouri	27.12	98.8
25	South Carolina	27.10	98.8
26	Idaho	26.73	97.4
x	District of Columbia	25.82	94.1
27	Maine	25.64	93.4
28	North Carolina	25.45	92.8
29	North Dakota	25.18	91.8
30	Ohio	25.14	91.6
31	Michigan	24.45	89.1
32	Iowa	24.38	88.9
33	Wisconsin	24.16	88.1
34	Minnesota	23.65	86.2
35	West Virginia	23.51	85.7
36	Kentucky	23.30	84.9
37	Rhode Island	22.25	81.1
38	Pennsylvania	19.92	72.6
39	Illinois	19.53	71.2
40	Connecticut	18.19	66.3
41	New Jersey	18.16	66.2
42	Vermont	16.22	59.1
43	Virginia	14.93	54.4
44	Maryland	14.57	53.1
45	Massachusetts	14.30	52.1
46	Alaska	7.06	25.7
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-20

TOTAL STATE AND LOCAL TAXES
PER CAPITA
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
x	District of Columbia	$7,763.53	194.1
1	New York	6,413.29	160.3
2	Wyoming	6,116.19	152.9
3	Connecticut	5,684.60	142.1
4	New Jersey	5,458.95	136.4
5	Alaska	5,409.59	135.2
6	Hawaii	4,848.45	121.2
7	Massachusetts	4,761.24	119.0
8	Maryland	4,603.49	115.1
9	CALIFORNIA	4,517.23	112.9
10	Vermont	4,434.75	110.8
11	Maine	4,415.18	110.4
12	Rhode Island	4,408.25	110.2
13	Minnesota	4,363.22	109.1
14	Delaware	4,243.27	106.1
15	Illinois	4,081.10	102.0
16	Wisconsin	4,001.60	100.0
	UNITED STATES	4,000.79	100.0
17	Pennsylvania	3,955.77	98.9
18	Washington	3,948.10	98.7
19	Virginia	3,934.27	98.3
20	Nevada	3,917.41	97.9
21	Nebraska	3,897.67	97.4
22	Kansas	3,792.66	94.8
23	Ohio	3,772.57	94.3
24	North Dakota	3,714.20	92.8
25	Louisiana	3,705.61	92.6
26	Florida	3,693.49	92.3
27	Indiana	3,641.39	91.0
28	Colorado	3,613.65	90.3
29	New Mexico	3,590.82	89.8
30	Michigan	3,565.21	89.1
31	Iowa	3,450.37	86.2
32	New Hampshire	3,443.32	86.1
33	North Carolina	3,383.84	84.6
34	Oregon	3,360.26	84.0
35	Georgia	3,321.04	83.0
36	West Virginia	3,252.31	81.3
37	Texas	3,235.36	80.9
38	Arizona	3,234.08	80.8
39	Kentucky	3,224.79	80.6
40	Utah	3,211.10	80.3
41	Montana	3,189.37	79.7
42	Oklahoma	3,146.65	78.7
43	Missouri	3,136.84	78.4
44	Arkansas	3,113.80	77.8
45	Idaho	3,075.81	76.9
46	South Carolina	2,873.87	71.8
47	South Dakota	2,841.94	71.0
48	Tennessee	2,837.95	70.9
49	Mississippi	2,821.71	70.5
50	Alabama	2,781.63	69.5

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-21

STATE AND LOCAL GENERAL REVENUE FROM OWN SOURCES
PER $1,000 OF PERSONAL INCOME
FISCAL YEARS 1998, 1999, 2000, 2002, 2004, 2005, AND 2006 a/

State	1997-98	1998-99	1999-00	2001-02	2003-04	2004-05	2005-06	Percent of U.S. average 2005-06	Rank 1997-98	1998-99	1999-00	2001-02	2003-04	2004-05	2005-06
Alaska	$510.90	$363.04	$434.33	$268.80	$285.24	$324.13	$355.00	210.6	1	1	1	1	1	1	1
Wyoming	231.66	211.07	207.21	202.51	227.25	238.96	263.59	156.4	2	2	2	2	2	2	2
Louisiana	176.37	172.11	174.38	177.20	174.55	180.13	209.96	124.5	11	15	16	4	9	11	3
New York	190.83	185.63	186.15	175.81	193.43	200.74	209.76	124.4	5	5	7	6	3	3	4
New Mexico	207.28	192.39	202.89	175.67	185.43	195.86	208.95	123.9	3	3	3	7	6	4	5
Indiana	157.18	155.80	158.67	154.84	158.50	173.97	198.32	117.6	29	27	26	25	28	14	6
West Virginia	169.09	173.46	175.13	169.77	191.20	189.18	193.83	115.0	18	13	15	10	4	5	7
Maine	189.40	185.17	189.61	175.95	183.48	185.81	193.21	114.6	7	6	5	5	7	8	8
District of Columbia	190.66	190.43	194.36	159.35	185.34	188.45	193.09	114.5	x	x	x	x	x	x	x
Delaware	193.69	185.81	192.22	182.55	186.73	186.06	191.72	113.7	4	4	4	3	5	6	9
Hawaii	175.15	172.65	177.99	167.85	167.56	185.00	190.99	113.3	13	14	11	12	17	9	10
Utah	177.97	178.36	184.70	175.50	176.00	185.90	189.32	112.3	9	8	8	8	8	7	11
Vermont	174.01	167.27	166.87	155.72	171.46	177.56	184.62	109.5	15	19	21	24	11	12	12
South Carolina	168.46	167.86	168.23	156.44	171.80	180.64	182.56	108.3	19	18	19	22	10	10	13
North Dakota	190.50	179.12	187.82	172.31	166.25	175.66	179.79	106.6	6	7	6	9	19	13	14
Nebraska	162.05	157.30	161.47	159.19	170.91	173.48	178.59	105.9	26	26	25	16	12	15	15
Oregon	169.51	167.90	176.64	153.72	162.01	164.69	175.77	104.3	17	17	14	27	24	23	16
CALIFORNIA	164.57	162.05	170.77	157.16	166.81	170.96	175.52	104.1	23	23	17	21	18	16	17
Mississippi	172.96	174.07	176.77	169.62	168.14	169.20	173.65	103.0	16	10	13	11	15	19	18
Iowa	166.63	164.83	167.99	166.20	167.66	165.82	173.06	102.7	21	20	20	14	16	21	19
Montana	175.54	170.87	183.21	158.51	162.95	164.33	172.03	102.0	12	16	9	18	22	25	20
Ohio	153.63	152.33	157.90	158.74	163.40	170.12	172.00	102.0	34	35	31	17	20	17	21
Wisconsin	176.41	173.85	177.35	164.51	168.46	169.59	171.78	101.9	10	11	12	15	14	18	22
Idaho	174.54	173.58	170.29	157.28	169.76	168.67	170.83	101.3	14	12	18	20	13	20	23
Arkansas	156.61	162.76	156.40	154.47	157.83	165.26	169.39	100.5	31	22	32	26	32	22	24
Minnesota	181.86	174.63	178.28	166.54	161.88	163.66	168.86	100.2	8	9	10	13	25	28	25
UNITED STATES	160.30	157.62	160.60	151.89	159.88	163.55	168.58	100.0							
Washington	167.23	161.25	158.32	150.72	158.82	155.01	165.70	98.3	20	25	28	32	27	36	26
Rhode Island	156.63	152.71	158.31	151.15	161.45	164.08	165.65	98.3	30	32	29	31	26	26	27
Kansas	164.67	153.06	155.93	149.06	162.41	160.61	165.59	98.2	22	31	33	36	23	29	28
Kentucky	163.43	161.45	162.77	155.96	156.69	158.39	165.27	98.0	25	24	23	23	34	33	29
North Carolina	159.17	155.45	158.23	150.28	157.09	158.68	164.92	97.8	27	28	30	34	33	32	30
Alabama	152.30	152.41	158.41	158.01	157.92	159.05	164.57	97.6	36	34	27	19	31	31	31
Michigan	164.39	163.46	166.65	151.69	158.32	164.60	164.24	97.4	24	21	22	28	30	24	32
New Jersey	155.58	149.84	151.04	139.18	150.90	157.88	163.31	96.9	32	38	39	41	37	34	33
Florida	154.72	154.35	151.03	149.81	163.18	159.32	161.96	96.1	33	30	40	35	21	30	34
Pennsylvania	148.33	148.61	152.19	150.40	154.08	156.34	160.61	95.3	41	39	37	33	36	35	35
Oklahoma	158.98	155.33	161.56	151.31	154.64	152.39	160.06	94.9	28	29	24	29	35	38	36
Nevada	148.73	145.82	151.08	151.17	158.47	163.67	157.24	93.3	40	43	38	30	29	27	37
Georgia	152.60	152.42	152.58	145.16	149.29	149.53	156.29	92.7	35	33	36	37	38	42	38
Colorado	152.16	150.30	153.86	142.57	145.99	150.67	155.34	92.1	37	37	34	39	42	41	39
Illinois	139.95	138.91	143.56	138.20	141.95	145.43	154.10	91.4	48	48	45	44	47	46	40
Virginia	146.18	147.09	148.46	140.35	146.45	151.44	153.84	91.3	44	41	42	40	41	40	41
Arizona	146.40	150.98	152.91	142.75	149.02	154.65	152.96	90.7	43	36	35	38	39	37	42
Massachusetts	149.56	146.21	146.92	131.71	145.29	151.46	151.61	89.9	39	42	43	47	43	39	43
Texas	143.72	142.82	142.69	139.17	148.05	148.42	149.81	88.9	45	44	47	42	40	43	44
Tennessee	134.08	130.70	131.12	128.72	133.25	147.58	148.31	88.0	49	49	49	48	49	44	45
Missouri	141.43	141.68	140.95	138.22	143.46	145.87	147.85	87.7	47	46	48	43	45	45	46
Maryland	142.90	139.22	146.29	137.99	143.07	143.20	146.24	86.7	46	47	44	45	46	48	47
Connecticut	150.26	147.30	148.63	127.38	143.69	145.35	145.66	86.4	38	40	41	49	44	47	48
South Dakota	146.75	142.37	142.71	135.19	135.85	133.02	140.27	83.2	42	45	46	46	48	49	49
New Hampshire	128.13	126.11	125.96	119.65	132.10	128.73	131.58	78.1	50	50	50	50	50	50	50

a/ State detail was not published for fiscal years 2000-01 and 2002-03.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

TABLE P-22

TOTAL STATE AND LOCAL GOVERNMENT
EXPENDITURES, PER CAPITA
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
x	District of Columbia	$17,235.29	205.4
1	Alaska	15,925.01	189.8
2	New York	12,498.50	148.9
3	Wyoming	11,646.55	138.8
4	CALIFORNIA	10,070.13	120.0
5	Delaware	9,724.06	115.9
6	Massachusetts	9,621.67	114.7
7	New Jersey	9,569.29	114.0
8	Rhode Island	9,105.47	108.5
9	Connecticut	9,011.39	107.4
10	Washington	8,876.70	105.8
11	Minnesota	8,695.16	103.6
12	Nebraska	8,685.89	103.5
13	Vermont	8,682.60	103.5
14	Hawaii	8,617.17	102.7
15	Ohio	8,506.45	101.4
16	New Mexico	8,445.72	100.6
17	Pennsylvania	8,403.57	100.1
	UNITED STATES	8,391.79	100.0
18	Louisiana	8,322.32	99.2
19	Oregon	8,276.43	98.6
20	Maine	8,147.69	97.1
21	Wisconsin	8,131.90	96.9
22	South Carolina	7,906.05	94.2
23	Illinois	7,904.40	94.2
24	Maryland	7,904.37	94.2
25	Florida	7,788.34	92.8
26	Colorado	7,785.33	92.8
27	Iowa	7,771.63	92.6
28	North Dakota	7,727.19	92.1
29	Alabama	7,685.01	91.6
30	Mississippi	7,626.11	90.9
31	Michigan	7,623.55	90.8
32	Nevada	7,550.10	90.0
33	Kansas	7,364.28	87.8
34	Montana	7,338.73	87.5
35	Virginia	7,310.36	87.1
36	Tennessee	7,308.65	87.1
37	North Carolina	7,253.01	86.4
38	Utah	7,182.40	85.6
39	Kentucky	7,019.61	83.6
40	Indiana	6,986.41	83.3
41	Arizona	6,935.62	82.6
42	New Hampshire	6,883.77	82.0
43	Texas	6,858.12	81.7
44	West Virginia	6,848.65	81.6
45	Missouri	6,775.17	80.7
46	Georgia	6,749.36	80.4
47	Oklahoma	6,699.27	79.8
48	South Dakota	6,607.53	78.7
49	Arkansas	6,586.71	78.5
50	Idaho	6,373.80	76.0

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-23

STATE AND LOCAL
DIRECT EXPENDITURES, PER CAPITA
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
x	District of Columbia	$17,235.29	205.9
1	Alaska	15,917.79	190.2
2	New York	12,465.88	148.9
3	Wyoming	11,641.91	139.1
4	CALIFORNIA	9,969.08	119.1
5	Delaware	9,716.68	116.1
6	Massachusetts	9,579.35	114.4
7	New Jersey	9,563.53	114.3
8	Rhode Island	9,069.42	108.4
9	Connecticut	8,998.56	107.5
10	Washington	8,869.61	106.0
11	Minnesota	8,688.20	103.8
12	Vermont	8,671.33	103.6
13	Nebraska	8,664.35	103.5
14	Hawaii	8,613.87	102.9
15	Ohio	8,498.36	101.5
16	New Mexico	8,442.07	100.9
17	Pennsylvania	8,382.54	100.1
	UNITED STATES	8,370.02	100.0
18	Louisiana	8,315.15	99.3
19	Oregon	8,271.36	98.8
20	Maine	8,130.50	97.1
21	Wisconsin	8,127.15	97.1
22	South Carolina	7,899.65	94.4
23	Illinois	7,899.57	94.4
24	Maryland	7,898.25	94.4
25	Florida	7,782.48	93.0
26	Colorado	7,778.39	92.9
27	Iowa	7,732.18	92.4
28	North Dakota	7,723.28	92.3
29	Alabama	7,677.68	91.7
30	Mississippi	7,622.07	91.1
31	Michigan	7,615.09	91.0
32	Nevada	7,547.56	90.2
33	Kansas	7,360.87	87.9
34	Montana	7,336.54	87.7
35	Virginia	7,304.03	87.3
36	Tennessee	7,293.41	87.1
37	North Carolina	7,242.64	86.5
38	Utah	7,179.17	85.8
39	Kentucky	7,015.77	83.8
40	Indiana	6,981.28	83.4
41	Arizona	6,932.96	82.8
42	New Hampshire	6,877.21	82.2
43	Texas	6,852.31	81.9
44	West Virginia	6,837.75	81.7
45	Missouri	6,763.68	80.8
46	Georgia	6,745.08	80.6
47	Oklahoma	6,680.77	79.8
48	South Dakota	6,596.55	78.8
49	Arkansas	6,581.91	78.6
50	Idaho	6,369.16	76.1

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-24

STATE AND LOCAL
DIRECT GENERAL EXPENDITURES FOR EDUCATION
PER $1,000 OF PERSONAL INCOME
FISCAL YEAR 2005-06

Rank	State	Amount	Percent of U.S. Average
1	Alaska	$101.20	143.0
2	Vermont	99.72	140.9
3	New Mexico	96.61	136.5
4	Wyoming	89.57	126.5
5	West Virginia	89.38	126.3
6	South Carolina	87.24	123.2
7	Mississippi	86.97	122.9
8	Arkansas	85.31	120.5
9	Delaware	84.89	119.9
10	Utah	84.67	119.6
11	Iowa	83.47	117.9
12	North Dakota	82.17	116.1
13	Alabama	82.00	115.9
14	Louisiana	81.56	115.2
15	Michigan	79.69	112.6
16	Montana	79.12	111.8
17	Wisconsin	78.82	111.4
18	Ohio	78.57	111.0
19	Indiana	76.97	108.7
20	Oklahoma	75.42	106.5
21	Nebraska	75.39	106.5
22	Kansas	75.12	106.1
23	Georgia	74.95	105.9
24	North Carolina	74.89	105.8
25	Maine	73.84	104.3
26	Texas	73.77	104.2
27	New Jersey	73.62	104.0
28	Kentucky	73.48	103.8
29	Pennsylvania	72.77	102.8
30	Oregon	72.69	102.7
31	New York	72.39	102.3
32	Idaho	71.25	100.7
	UNITED STATES	70.78	100.0
33	Rhode Island	70.59	99.7
34	Minnesota	68.52	96.8
35	CALIFORNIA	68.51	96.8
36	Washington	68.30	96.5
37	Virginia	67.06	94.7
38	Hawaii	65.77	92.9
39	Missouri	65.61	92.7
40	Arizona	65.25	92.2
41	New Hampshire	64.10	90.6
42	Illinois	63.44	89.6
43	South Dakota	62.51	88.3
44	Colorado	62.24	87.9
45	Maryland	61.99	87.6
46	Massachusetts	60.73	85.8
47	Connecticut	59.40	83.9
48	Tennessee	59.03	83.4
49	Florida	57.27	80.9
50	Nevada	56.86	80.3
x	District of Columbia	46.69	66.0

Source: U.S. Department of Commerce,
Bureau of the Census, http://www.census.gov/

TABLE P-25

SELECTED STATE AND LOCAL GOVERNMENT DEBT MEASURES, 2003-04

	State Government									
	Long Term Debt Full Faith and Credit				Interest on General Debt					
	Per Capita		Per $1,000 of Personal Income		Per Capita		Per $1,000 of Personal Income		Percent of Direct General Expenditures	
State	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Percent
UNITED STATES		$715.72		$22.87		$112.64		$3.60		4.02
Alabama	28	424.33	26	16.20	44	52.25	41	1.99	48	1.76
Alaska	6	1,376.37	7	42.29	2	368.45	1	11.32	18	4.19
Arizona	34	201.91	34	7.64	49	41.36	49	1.57	44	1.98
Arkansas	32	310.56	28	12.88	48	44.77	45	1.86	49	1.46
CALIFORNIA	7	1,247.34	11	37.75	20	115.55	26	3.50	14	4.55
Colorado	42	0.30	42	0.01	32	88.69	36	2.60	19	4.01
Connecticut	1	3,664.04	3	86.15	3	356.55	4	8.38	1	9.40
Delaware	9	1,193.16	13	35.86	5	274.61	5	8.25	5	5.71
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	38	113.89	38	3.87	39	68.79	38	2.34	29	3.18
Georgia	18	736.32	17	26.19	45	51.71	46	1.84	42	2.14
Hawaii	3	3,142.93	1	104.06	4	282.36	3	9.35	10	5.13
Idaho	--	--	--	--	29	95.91	21	3.86	26	3.72
Illinois	4	1,873.70	4	55.78	9	211.24	10	6.29	3	8.26
Indiana	--	--	--	--	37	71.85	37	2.50	35	2.87
Iowa	--	--	--	--	43	54.68	43	1.92	47	1.90
Kansas	--	--	--	--	40	60.87	40	2.06	40	2.30
Kentucky	--	--	--	--	27	103.31	20	4.01	31	3.11
Louisiana	25	484.06	21	18.78	13	150.75	11	5.85	11	5.00
Maine	31	316.62	30	11.17	10	191.66	8	6.76	16	4.48
Maryland	21	606.99	25	16.36	11	156.68	17	4.22	7	5.23
Massachusetts	2	3,585.56	2	89.95	1	400.52	2	10.05	2	9.35
Michigan	30	318.81	31	10.12	22	108.57	28	3.45	20	3.99
Minnesota	19	627.30	22	18.44	36	74.16	39	2.18	38	2.40
Mississippi	11	1,034.14	6	44.75	38	69.07	32	2.99	41	2.24
Missouri	37	148.46	37	5.12	21	110.96	22	3.83	15	4.49
Montana	33	238.56	33	9.20	16	133.17	12	5.14	21	3.90
Nebraska	41	14.96	41	0.49	42	54.94	47	1.80	46	1.94
Nevada	12	1,014.47	14	33.05	41	60.16	42	1.96	33	3.05
New Hampshire	24	494.54	27	14.46	6	232.36	7	6.79	4	8.24
New Jersey	29	377.86	32	9.59	15	133.19	29	3.38	17	4.41
New Mexico	14	978.44	9	39.80	33	86.29	25	3.51	39	2.35
New York	26	449.36	29	12.54	12	156.65	15	4.37	12	4.71
North Carolina	16	780.89	15	28.42	46	51.60	44	1.88	45	1.94
North Dakota	--	--	--	--	19	120.30	19	4.19	28	3.24
Ohio	22	593.85	20	19.86	26	104.16	27	3.48	22	3.87
Oklahoma	39	89.63	39	3.39	34	81.33	31	3.08	32	3.06
Oregon	8	1,196.31	8	41.35	25	104.72	24	3.62	24	3.79
Pennsylvania	23	558.60	23	17.63	31	90.64	35	2.86	30	3.11
Rhode Island	15	886.08	16	27.41	8	216.85	9	6.71	8	5.20
South Carolina	13	1,008.62	10	39.31	23	107.95	18	4.21	27	3.28
South Dakota	--	--	--	--	17	127.94	14	4.43	13	4.58
Tennessee	35	199.47	35	7.08	50	30.92	50	1.10	50	1.19
Texas	36	150.40	36	5.19	47	46.33	48	1.60	43	2.06
Utah	20	623.78	19	25.04	35	76.95	30	3.09	36	2.44
Vermont	17	775.62	18	25.81	7	223.93	6	7.45	9	5.16
Virginia	40	60.19	40	1.79	28	96.50	34	2.87	23	3.84
Washington	5	1,499.72	5	46.17	18	121.41	23	3.74	25	3.75
West Virginia	27	425.75	24	17.39	24	105.06	16	4.29	34	2.88
Wisconsin	10	1,115.21	12	36.58	14	149.32	13	4.90	6	5.30
Wyoming	--	--	--	--	30	95.12	33	2.97	37	2.43

TABLE P-25 (Continued)

State	State Government		State and Local Government							
	Interest on General Debt (Cont.)		Long Term Debt, Total				Long Term Debt, Full Faith and Credit			
	Percent of Total General Expenditures		Per Capita		Per $1,000 of Personal Income		Per Capita		Per $1,000 of Personal Income	
	Rank	Percent	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount
UNITED STATES		2.34		$6,527.69		$208.94		$2,562.36		$82.02
Alabama	45	1.21	38	4,751.67	31	181.42	31	1,761.67	23	67.26
Alaska	13	3.00	1	13,001.45	1	399.47	6	4,377.96	4	134.51
Arizona	48	1.09	30	5,192.66	22	196.47	30	1,801.34	21	68.16
Arkansas	49	0.97	46	3,766.77	42	156.18	40	1,226.10	36	50.84
CALIFORNIA	27	2.03	10	7,521.23	14	227.63	13	2,898.21	14	87.71
Colorado	23	2.26	12	7,229.62	16	211.87	24	1,964.48	32	57.57
Connecticut	2	6.39	4	8,574.70	21	201.60	1	5,485.09	6	128.96
Delaware	6	4.23	11	7,279.01	15	218.74	14	2,604.80	17	78.28
District of Columbia	--	--	x	11,714.54	x	243.80	x	8,347.29	x	173.72
Florida	30	1.99	18	6,239.02	17	211.86	41	1,136.84	42	38.60
Georgia	41	1.35	44	3,840.35	46	136.59	27	1,818.05	25	64.66
Hawaii	5	4.54	14	7,093.37	10	234.87	4	5,111.76	2	169.25
Idaho	20	2.32	50	2,867.75	49	115.44	45	721.07	46	29.03
Illinois	4	5.03	6	8,017.20	8	238.67	5	4,760.06	3	141.71
Indiana	34	1.76	41	4,495.51	41	156.45	48	653.71	49	22.75
Iowa	46	1.20	45	3,804.11	47	133.65	37	1,378.05	37	48.42
Kansas	38	1.48	23	5,796.60	23	195.89	22	1,993.95	22	67.38
Kentucky	24	2.12	15	7,014.39	3	271.95	42	1,109.17	40	43.00
Louisiana	11	3.32	36	4,889.11	25	189.64	36	1,503.03	30	58.30
Maine	9	3.44	28	5,240.62	26	184.85	32	1,589.94	34	56.08
Maryland	10	3.44	35	4,903.10	48	132.17	19	2,136.64	31	57.60
Massachusetts	1	6.68	3	10,790.77	4	270.70	3	5,212.17	5	130.75
Michigan	26	2.08	25	5,554.20	33	176.32	18	2,407.54	18	76.43
Minnesota	44	1.31	17	6,484.19	24	190.61	11	3,218.44	13	94.61
Mississippi	39	1.40	49	3,502.37	43	151.56	20	2,026.07	15	87.68
Missouri	14	2.90	27	5,262.49	30	181.46	39	1,228.20	41	42.35
Montana	16	2.63	39	4,620.92	32	178.28	47	657.33	47	25.36
Nebraska	40	1.38	33	4,940.92	38	161.62	38	1,322.94	39	43.27
Nevada	36	1.62	8	7,586.82	6	247.19	2	5,275.98	1	171.90
New Hampshire	3	5.34	20	6,210.28	29	181.60	25	1,955.10	33	57.17
New Jersey	17	2.49	13	7,159.96	28	181.63	17	2,466.48	27	62.57
New Mexico	37	1.49	31	5,074.73	19	206.44	29	1,812.22	19	73.72
New York	22	2.27	2	11,053.56	2	308.37	7	4,221.96	8	117.78
North Carolina	47	1.19	42	4,433.45	39	161.36	26	1,883.84	20	68.57
North Dakota	18	2.39	34	4,907.38	36	171.02	43	905.90	43	31.57
Ohio	28	2.03	37	4,884.03	37	163.31	21	2,006.26	24	67.09
Oklahoma	33	1.92	47	3,753.85	45	142.10	49	624.30	48	23.63
Oregon	29	2.00	16	6,683.58	12	231.02	9	3,537.36	7	122.27
Pennsylvania	31	1.96	7	7,668.34	7	241.96	12	3,164.18	12	99.84
Rhode Island	7	3.67	9	7,541.46	11	233.26	23	1,975.96	29	61.12
South Carolina	25	2.11	21	6,077.84	9	236.90	15	2,592.03	11	101.03
South Dakota	12	3.30	32	4,989.95	35	172.90	44	901.40	44	31.23
Tennessee	50	0.82	43	4,021.81	44	142.66	28	1,816.56	26	64.44
Texas	42	1.35	22	6,048.78	18	208.84	16	2,504.57	16	86.47
Utah	35	1.73	24	5,714.31	13	229.43	35	1,537.32	28	61.72
Vermont	8	3.55	29	5,231.10	34	174.06	33	1,588.14	35	52.84
Virginia	19	2.38	26	5,318.26	40	158.42	34	1,546.44	38	46.07
Washington	21	2.32	5	8,044.41	5	247.67	8	3,641.74	9	112.12
West Virginia	32	1.93	40	4,524.17	27	184.82	46	720.34	45	29.43
Wisconsin	15	2.88	19	6,214.10	20	203.85	10	3,413.96	10	111.99
Wyoming	43	1.34	48	3,627.17	50	113.28	50	287.97	50	8.99

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

TABLE P-26

TOTAL FULL-TIME EQUIVALENTa/ STATE GOVERNMENT EMPLOYEES
PER 10,000 POPULATION b/

State c/	March 1998	March 1999	March 2000	March 2001	March 2002	March 2003	March 2004	March 2005	March 2006	Percent of U.S. average 2006	Rank 1998	1999	2000	2001	2002	2003	2004	2005	2006
Hawaii	442	445	453	448	451	457	448	426	430	302.1	1	1	1	1	1	1	1	1	1
Alaska	360	366	365	377	387	383	375	370	371	260.9	2	2	2	2	2	2	2	2	2
Delaware	297	299	303	306	308	299	292	291	300	211.1	3	3	3	3	3	3	3	3	3
North Dakota	240	248	246	251	262	284	279	285	284	199.9	5	5	5	5	4	4	4	4	4
New Mexico	247	253	263	262	246	247	259	260	261	183.8	4	4	4	4	5	5	5	5	5
Wyoming	231	231	227	226	225	241	238	230	250	175.6	6	6	6	7	6	6	6	6	6
Vermont	212	214	224	223	223	219	224	230	235	165.5	11	9	7	8	7	7	7	7	7
Arkansas	194	202	183	190	197	198	196	195	207	145.5	14	12	18	16	11	12	12	12	8
West Virginia	177	182	177	196	190	206	207	208	205	143.8	23	21	21	13	18	8	8	9	9
Montana	219	212	199	214	195	204	200	209	200	140.6	8	10	10	9	12	9	11	8	10
Louisiana	216	219	212	210	205	201	201	201	196	138.1	9	8	9	10	9	11	10	10	11
Utah	221	229	221	229	212	203	202	199	195	137.0	7	7	8	6	8	10	9	11	12
Rhode Island	205	200	187	190	188	187	187	185	194	136.3	13	13	16	16	20	17	17	17	13
Mississippi	188	196	195	199	199	195	196	194	190	133.4	16	14	12	12	10	13	12	13	14
Kentucky	185	176	183	189	191	191	192	190	189	132.5	19	24	18	18	15	15	15	14	15
Oklahoma	214	192	187	187	190	187	182	183	188	132.5	10	16	16	20	18	17	18	19	16
Nebraska	176	178	174	191	192	193	193	185	187	131.1	24	22	24	15	14	14	14	18	17
Alabama	190	185	179	189	191	190	189	187	186	130.5	15	19	20	18	15	16	16	15	18
Washington	187	189	191	186	188	184	182	187	183	128.9	17	18	14	22	20	20	18	16	19
New Jersey	152	160	158	161	172	170	172	177	181	127.1	33	31	29	30	25	25	22	22	20
Iowa	185	185	189	187	178	179	180	178	179	125.9	19	19	15	20	22	21	20	21	21
Connecticut	186	193	193	193	193	172	168	170	177	124.6	18	15	13	14	13	22	24	24	22
South Carolina	208	203	196	200	191	186	180	180	177	124.1	12	11	11	11	15	19	20	20	23
South Dakota	179	178	177	175	173	171	171	174	176	124.0	21	22	21	24	24	23	23	23	24
Maine	160	160	161	167	169	167	165	160	165	115.9	30	31	28	27	26	26	26	28	25
Maryland	173	172	173	170	169	167	163	162	161	113.2	25	25	25	26	26	26	27	25	26
Kansas	168	163	158	163	164	161	160	161	161	113.2	27	29	29	29	29	28	28	26	27
Virginia	163	166	168	172	166	157	159	158	161	112.8	28	27	26	25	28	32	30	31	28
North Carolina	163	163	153	158	162	156	155	156	157	110.2	28	29	32	31	30	33	32	32	29
Oregon	169	166	156	156	157	160	160	159	156	109.5	26	27	31	32	32	29	28	29	30
Missouri	159	169	163	164	162	159	158	158	155	108.6	31	26	27	28	30	30	31	30	31
Idaho	179	191	175	176	178	171	166	160	152	106.9	21	17	23	23	22	23	25	27	32
Minnesota	146	148	149	152	151	149	146	145	149	104.7	36	35	36	33	34	34	34	35	33
New Hampshire	144	155	152	150	157	158	154	149	145	102.2	37	33	34	35	32	31	33	33	34
Indiana	140	137	136	142	147	147	145	148	142	100.1	38	40	40	39	36	36	35	34	35
UNITED STATES	147	148	145	147	147	144	143	142	142	100.0									
Colorado	155	153	153	152	146	148	143	142	142	99.5	32	34	32	33	37	35	36	36	36
Massachusetts	137	142	151	149	149	142	137	138	141	99.4	42	38	35	36	35	38	38	38	37
Tennessee	149	148	143	144	145	143	139	139	137	96.2	34	35	38	38	38	37	37	37	38
Michigan	138	139	143	142	142	136	131	130	134	93.9	40	39	38	39	40	40	40	40	39
Georgia	147	148	147	145	144	140	136	133	133	93.6	35	35	37	37	39	39	39	39	40
Pennsylvania	124	122	122	125	127	129	130	128	130	91.3	45	45	44	44	43	42	41	41	41
New York	139	137	132	133	132	129	128	127	129	90.8	39	40	41	41	41	42	42	42	42
Wisconsin	124	120	119	129	130	130	127	127	122	85.9	45	47	46	42	42	41	43	43	43
Texas	136	134	129	126	124	120	119	120	120	84.6	43	42	42	43	44	44	44	44	44
Ohio	121	122	120	123	121	120	119	119	119	83.9	47	45	45	45	46	44	44	45	45
CALIFORNIA	103	106	105	108	108	110	110	107	109	76.3	50	50	49	49	50	47	47	47	46
Arizona	133	131	126	123	122	117	115	117	108	76.2	44	43	43	45	45	46	46	46	47
Florida	119	119	116	114	111	110	105	105	106	74.4	48	48	47	47	49	47	49	49	48
Nevada	138	129	112	110	113	110	108	107	104	72.9	40	44	48	48	48	47	48	48	49
Illinois	115	116	103	104	117	106	105	104	103	72.5	49	49	50	50	47	50	49	50	50

a/ Full-time equivalent employment is a derived statistic that provides an estimate of a government's total full-time employment by converting part-time employees to a full-time amount.
b/ Based on estimated resident population of July 1st of the given year. c/ 2006 ranking

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

TABLE P-27

TOTAL FULL-TIME EQUIVALENT a/
STATE AND LOCAL GOVERNMENT EMPLOYEES
PER 10,000 POPULATION b/

State c/	March 1998	March 1999	March 2000	March 2001	March 2002	March 2003	March 2004	March 2005	March 2006	Percent of U.S. average 2006	Rank 1998	1999	2000	2001	2002	2003	2004	2005	2006
Wyoming	805	818	806	818	825	871	861	859	893	165.4	1	1	1	1	1	1	1	1	1
District of Columbia	838	833	792	779	774	786	806	835	796	147.4	x	x	x	x	x	x	x	x	x
Alaska	719	780	769	780	790	788	773	779	777	143.8	2	2	2	2	2	2	2	2	2
Kansas	634	633	635	634	641	654	657	662	671	124.3	6	7	5	6	4	3	3	4	3
Nebraska	644	631	629	654	659	654	657	634	666	123.3	4	8	6	5	3	3	3	7	4
New Mexico	659	659	646	659	638	651	655	664	659	121.9	3	4	4	4	6	5	5	3	5
Mississippi	644	689	662	675	640	646	649	646	652	120.6	4	3	3	3	5	7	6	6	6
Louisiana	624	640	625	627	624	621	626	626	650	120.3	8	5	7	7	7	10	8	10	7
Vermont	530	577	597	603	596	624	614	633	647	119.7	32	16	10	9	11	8	10	8	8
North Dakota	572	592	596	602	611	650	643	647	646	119.6	17	12	11	10	9	6	7	5	9
Iowa	587	592	601	602	593	610	625	627	625	115.8	13	11	9	10	12	11	9	9	10
New York	633	634	619	620	622	622	614	615	617	114.3	7	6	8	8	8	9	10	11	11
Oklahoma	612	583	576	577	586	574	570	579	599	110.9	10	15	14	16	13	17	18	14	12
Alabama	591	598	588	601	597	599	598	600	594	109.9	12	9	12	12	10	12	12	12	13
New Jersey	533	549	534	541	565	567	570	575	591	109.3	31	28	31	29	22	20	18	16	14
Maine	546	558	565	580	569	575	586	575	590	109.3	25	25	21	15	20	15	13	17	15
Delaware	546	568	572	575	578	562	577	559	580	107.5	25	21	15	18	15	24	16	22	16
Kentucky	538	541	552	560	563	553	573	571	580	107.4	29	32	24	24	24	29	17	19	17
North Carolina	559	570	560	566	570	559	532	557	576	106.7	21	20	22	20	19	26	33	23	18
Arkansas	563	576	543	561	555	563	553	576	576	106.7	19	18	28	23	25	22	25	15	19
South Carolina	616	597	583	584	586	584	579	574	575	106.5	9	10	13	14	13	13	15	18	20
South Dakota	552	542	549	538	555	568	565	562	573	106.1	23	30	25	30	25	19	21	21	21
Montana	599	584	572	589	574	576	586	593	572	106.0	11	14	16	13	18	14	13	13	22
Virginia	543	542	548	553	564	557	549	552	564	104.4	27	31	26	26	23	28	26	24	23
Texas	578	573	565	567	575	567	566	565	562	104.0	14	19	20	19	17	20	20	20	24
Missouri	548	548	535	543	551	547	540	549	548	101.5	24	29	29	28	29	30	29	26	25
Hawaii	563	565	570	565	568	571	562	538	544	100.8	19	24	17	21	21	18	22	31	26
Idaho	574	587	569	576	576	575	561	540	542	100.4	16	13	18	17	16	15	23	29	27
Georgia	577	576	554	548	555	558	561	550	541	100.2	15	17	23	27	25	27	23	25	28
UNITED STATES	536	541	535	540	542	542	538	537	540	100.0									
West Virginia	517	518	514	536	516	516	542	542	538	99.7	38	40	43	32	41	40	28	27	29
Connecticut	501	519	518	532	522	506	519	528	538	99.7	42	39	39	35	38	45	39	36	30
Ohio	502	522	524	534	534	542	544	541	538	99.6	41	37	35	33	30	31	27	28	31
Colorado	557	551	535	530	533	563	540	536	535	99.1	22	26	30	38	31	22	29	32	32
Tennessee	526	540	526	532	529	533	539	540	533	98.6	34	33	34	35	34	33	32	30	33
New Hampshire	482	511	522	522	517	530	527	528	532	98.5	46	43	36	39	40	34	35	35	34
Minnesota	567	566	568	564	555	561	540	525	528	97.8	18	22	19	22	25	25	29	38	35
Indiana	521	525	517	531	528	536	529	531	528	97.8	36	35	41	37	35	32	34	33	36
Washington	520	514	518	513	525	524	520	525	523	96.8	37	41	38	43	36	36	38	37	37
Maryland	522	524	517	519	524	522	508	497	520	96.2	35	36	40	41	37	37	40	43	38
Wisconsin	529	522	529	534	530	526	522	531	517	95.7	33	38	33	33	33	35	37	34	39
Massachusetts	491	511	516	521	510	498	504	504	516	95.6	44	42	42	40	43	46	41	40	40
CALIFORNIA	474	486	495	503	507	509	496	490	502	92.9	49	48	46	44	44	42	45	44	41
Utah	542	565	547	556	532	520	527	517	499	92.4	28	23	27	25	32	38	35	39	42
Illinois	504	506	500	494	511	507	500	499	497	92.0	40	44	44	46	42	44	43	42	43
Oregon	535	533	520	516	521	510	501	501	492	91.1	30	34	37	42	39	41	42	41	44
Rhode Island	505	549	531	538	491	520	468	465	483	89.3	39	27	32	30	46	38	48	48	45
Michigan	481	488	496	500	505	508	499	489	482	89.2	47	47	45	45	45	43	44	45	46
Florida	494	489	479	490	473	474	474	474	480	88.9	43	46	48	47	48	47	46	47	47
Arizona	486	495	481	474	478	469	472	474	462	85.6	45	45	47	48	47	48	47	46	48
Pennsylvania	440	438	438	440	449	460	460	464	458	84.8	50	50	49	49	49	49	49	49	49
Nevada	475	469	420	413	427	413	413	416	414	76.7	48	49	50	50	50	50	50	50	50

a/ Full-time equivalent employment is a derived statistic that provides an estimate of a government's total full-time employment by converting part-time employees to a full-time amount.
b/ Based on estimated resident population of July 1st of the given year. c/ 2006 ranking

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

TABLE P-28

TOTAL LAND AREA
2000

Rank	State	Square miles
	UNITED STATES	3,537,422
1	Alaska	571,949
2	Texas	261,796
3	CALIFORNIA	155,959
4	Montana	145,552
5	New Mexico	121,355
6	Arizona	113,634
7	Nevada	109,825
8	Colorado	103,717
9	Wyoming	97,100
10	Oregon	95,996
11	Idaho	82,747
12	Utah	82,143
13	Kansas	81,815
14	Minnesota	79,610
15	Nebraska	76,872
16	South Dakota	75,884
17	North Dakota	68,976
18	Missouri	68,886
19	Oklahoma	68,667
20	Washington	66,544
21	Georgia	57,906
22	Michigan	56,804
23	Iowa	55,869
24	Illinois	55,583
25	Wisconsin	54,310
26	Florida	53,927
27	Arkansas	52,068
28	Alabama	50,744
29	North Carolina	48,711
30	New York	47,214
31	Mississippi	46,907
32	Pennsylvania	44,816
33	Louisiana	43,562
34	Tennessee	41,217
35	Ohio	40,948
36	Kentucky	39,728
37	Virginia	39,594
38	Indiana	35,867
39	Maine	30,861
40	South Carolina	30,109
41	West Virginia	24,078
42	Maryland	9,774
43	Vermont	9,250
44	New Hampshire	8,968
45	Massachusetts	7,840
46	New Jersey	7,417
47	Hawaii	6,423
48	Connecticut	4,845
49	Delaware	1,954
50	Rhode Island	1,045
x	District of Columbia	61

Source: U.S. Department of Commerce,
Bureau of the Census
http://www.census.gov/

TABLE P-29

RESIDENT POPULATION,
July 1, 2006

Rank	State	Thous.
	UNITED STATES	299,398
1	CALIFORNIA	36,458
2	Texas	23,508
3	New York	19,306
4	Florida	18,090
5	Illinois	12,832
6	Pennsylvania	12,441
7	Ohio	11,478
8	Michigan	10,096
9	Georgia	9,364
10	North Carolina	8,857
11	New Jersey	8,725
12	Virginia	7,643
13	Massachusetts	6,437
14	Washington	6,396
15	Indiana	6,314
16	Arizona	6,166
17	Tennessee	6,039
18	Missouri	5,843
19	Maryland	5,616
20	Wisconsin	5,557
21	Minnesota	5,167
22	Colorado	4,753
23	Alabama	4,599
24	South Carolina	4,321
25	Louisiana	4,288
26	Kentucky	4,206
27	Oregon	3,701
28	Oklahoma	3,579
29	Connecticut	3,505
30	Iowa	2,982
31	Mississippi	2,911
32	Arkansas	2,811
33	Kansas	2,764
34	Utah	2,550
35	Nevada	2,496
36	New Mexico	1,955
37	West Virginia	1,818
38	Nebraska	1,768
39	Idaho	1,466
40	Maine	1,322
41	New Hampshire	1,315
42	Hawaii	1,285
43	Rhode Island	1,068
44	Montana	945
45	Delaware	853
46	South Dakota	782
47	Alaska	670
48	North Dakota	636
49	Vermont	624
x	District of Columbia	582
50	Wyoming	515

Source: U.S. Department of Commerce,
Bureau of the Census
http://www.census.gov/

TABLE P-30

HOUSEHOLDS,
July 1, 2000

Rank	State	Thous.
	UNITED STATES	105,480
1	CALIFORNIA	11,503
2	Texas	7,393
3	New York	7,057
4	Florida	6,333
5	Pennsylvania	4,777
6	Illinois	4,592
7	Ohio	4,446
8	Michigan	3,786
9	North Carolina	3,132
10	New Jersey	3,065
11	Georgia	3,006
12	Virginia	2,699
13	Massachusetts	2,444
14	Indiana	2,336
15	Washington	2,271
16	Tennessee	2,233
17	Missouri	2,195
18	Wisconsin	2,085
19	Maryland	1,981
20	Arizona	1,901
21	Minnesota	1,895
22	Alabama	1,737
23	Colorado	1,658
24	Louisiana	1,656
25	Kentucky	1,591
26	South Carolina	1,534
27	Oklahoma	1,342
28	Oregon	1,334
29	Connecticut	1,302
30	Iowa	1,149
31	Mississippi	1,046
32	Arkansas	1,043
33	Kansas	1,038
34	Nevada	751
35	West Virginia	736
36	Utah	701
37	New Mexico	678
38	Nebraska	668
39	Maine	518
40	New Hampshire	475
41	Idaho	470
42	Rhode Island	408
43	Hawaii	403
44	Montana	359
45	Delaware	299
46	South Dakota	290
47	North Dakota	257
x	District of Columbia	248
48	Vermont	241
49	Alaska	222
50	Wyoming	194

Source: U.S. Department of Commerce,
Bureau of the Census
http://www.census.gov/

TABLE P-31

UNEMPLOYMENT RATE, CIVILIAN, 2007

Rank	State	Percent
1	Michigan	7.2
2	Mississippi	6.3
3	Alaska	6.2
4	South Carolina	5.9
x	District of Columbia	5.7
5	Ohio	5.6
6	Kentucky	5.5
7	Arkansas	5.4
7	CALIFORNIA	5.4
9	Oregon	5.2
10	Illinois	5.0
10	Missouri	5.0
10	Rhode Island	5.0
13	Wisconsin	4.9
14	Nevada	4.8
15	Maine	4.7
15	North Carolina	4.7
15	Tennessee	4.7
	UNITED STATES	4.6
18	Connecticut	4.6
18	Minnesota	4.6
18	West Virginia	4.6
21	Indiana	4.5
21	Massachusetts	4.5
21	New York	4.5
21	Washington	4.5
25	Georgia	4.4
25	Pennsylvania	4.4
27	Oklahoma	4.3
27	Texas	4.3
29	New Jersey	4.2
30	Kansas	4.1
31	Florida	4.0
32	Vermont	3.9
33	Arizona	3.8
33	Colorado	3.8
33	Iowa	3.8
33	Louisiana	3.8
37	Maryland	3.6
37	New Hampshire	3.6
39	Alabama	3.5
39	New Mexico	3.5
41	Delaware	3.4
42	North Dakota	3.2
43	Montana	3.1
44	Nebraska	3.0
44	South Dakota	3.0
44	Virginia	3.0
44	Wyoming	3.0
48	Idaho	2.7
48	Utah	2.7
50	Hawaii	2.6

Source: U.S. Department of Labor, Bureau of Labor Statistics http://stats.bls.gov/

TABLE P-32

NONAGRICUTURAL EMPLOYMENT, 2007 a/

Rank	State	Thous.
	UNITED STATES	137,623
1	CALIFORNIA	15,163
2	Texas	10,359
3	New York	8,738
4	Florida	8,041
5	Illinois	5,981
6	Pennsylvania	5,796
7	Ohio	5,424
8	Michigan	4,262
9	Georgia	4,147
10	North Carolina	4,146
11	New Jersey	4,074
12	Virginia	3,761
13	Massachusetts	3,277
14	Indiana	2,988
15	Washington	2,932
16	Wisconsin	2,882
17	Tennessee	2,797
18	Missouri	2,796
19	Minnesota	2,771
20	Arizona	2,666
21	Maryland	2,610
22	Colorado	2,330
23	Alabama	2,006
24	South Carolina	1,950
25	Louisiana	1,921
26	Kentucky	1,869
27	Oregon	1,732
28	Connecticut	1,698
29	Oklahoma	1,566
30	Iowa	1,517
31	Kansas	1,379
32	Nevada	1,292
33	Utah	1,252
34	Arkansas	1,204
35	Mississippi	1,152
36	Nebraska	963
37	New Mexico	843
38	West Virginia	757
x	District of Columbia	695
39	Idaho	656
40	New Hampshire	649
41	Hawaii	624
42	Maine	617
43	Rhode Island	493
44	Montana	443
45	Delaware	437
46	South Dakota	406
47	North Dakota	358
48	Alaska	318
49	Vermont	308
50	Wyoming	288

a/ Wage and salary employment in nonagricultural establishments. Rank based on unrounded data.

Source: U.S. Department of Labor, Bureau of Labor Statistics http://stats.bls.gov/

TABLE P-33

MANUFACTURING EMPLOYMENT, 2007 a/

Rank	State	Thous.
	UNITED STATES	13,884
1	CALIFORNIA	1,463
2	Texas	935
3	Ohio	773
4	Illinois	676
5	Pennsylvania	658
6	Michigan	617
7	New York	554
8	Indiana	550
9	North Carolina	539
10	Wisconsin	501
11	Georgia	431
12	Florida	389
13	Tennessee	381
14	Minnesota	341
15	New Jersey	313
16	Missouri	300
17	Alabama	297
18	Massachusetts	295
19	Washington	293
20	Virginia	279
21	Kentucky	256
22	South Carolina	250
23	Iowa	230
24	Oregon	204
25	Connecticut	191
26	Arkansas	189
27	Kansas	186
28	Arizona	182
29	Mississippi	170
30	Louisiana	158
31	Oklahoma	150
32	Colorado	146
33	Maryland	132
34	Utah	128
35	Nebraska	101
36	New Hampshire	78
37	Idaho	66
38	Maine	59
39	West Virginia	59
40	Rhode Island	51
41	Nevada	51
42	South Dakota	42
43	New Mexico	37
44	Vermont	36
45	Delaware	33
46	North Dakota	26
47	Montana	20
48	Hawaii	15
49	Alaska	13
50	Wyoming	10
x	District of Columbia	2

a/ Wage and salary employment. Rank based on unrounded data.

Source: U.S. Department of Labor, Bureau of Labor Statistics http://stats.bls.gov/

TABLE P-34

MANUFACTURING AS A PERCENT OF NONAGRICULTURAL EMPLOYMENT, 2007

Rank	State	Percent
	UNITED STATES	10.1
1	Indiana	18.4
2	Wisconsin	17.4
3	Arkansas	15.7
4	Iowa	15.1
5	Alabama	14.8
6	Mississippi	14.7
7	Michigan	14.5
8	Ohio	14.2
9	Kentucky	13.7
10	Tennessee	13.6
11	Kansas	13.5
12	North Carolina	13.0
13	South Carolina	12.8
14	Minnesota	12.3
15	New Hampshire	12.0
16	Oregon	11.8
17	Vermont	11.7
18	Pennsylvania	11.3
18	Illinois	11.3
18	Connecticut	11.3
21	Missouri	10.7
22	Nebraska	10.5
23	Georgia	10.4
24	South Dakota	10.3
24	Rhode Island	10.3
26	Utah	10.2
27	Idaho	10.1
28	Washington	10.0
29	CALIFORNIA	9.6
29	Oklahoma	9.6
29	Maine	9.6
32	Texas	9.0
32	Massachusetts	9.0
34	Louisiana	8.2
35	West Virginia	7.8
36	New Jersey	7.7
37	Delaware	7.6
38	Virginia	7.4
39	North Dakota	7.3
40	Arizona	6.8
41	New York	6.3
41	Colorado	6.3
43	Maryland	5.1
44	Florida	4.8
45	Montana	4.6
46	New Mexico	4.4
47	Alaska	4.1
48	Nevada	3.9
49	Wyoming	3.5
50	Hawaii	2.4
x	District of Columbia	0.2

Rank based on unrounded data.

Source: U.S. Department of Labor, Bureau of Labor Statistics http://stats.bls.gov/

TABLE P-35

VALUE ADDED BY MANUFACTURE, 2006 (In millions)

Rank	State	Amount
	UNITED STATES	$2,305,589
1	CALIFORNIA	238,084
2	Texas	196,580
3	Ohio	124,949
4	Pennsylvania	112,486
5	Illinois	107,548
6	North Carolina	106,988
7	New York	93,103
8	Indiana	90,192
9	Michigan	89,022
10	Louisiana	77,850
11	Wisconsin	72,015
12	Tennessee	62,045
13	Georgia	61,916
14	New Jersey	51,693
15	Florida	50,945
16	Virginia	50,506
17	Minnesota	49,430
18	Washington	48,877
19	Massachusetts	48,519
20	Missouri	45,141
21	Kentucky	43,009
22	Iowa	41,011
23	Alabama	40,334
24	Oregon	39,502
25	South Carolina	37,953
26	Connecticut	32,159
27	Arkansas	27,574
28	Arizona	27,172
29	Kansas	25,332
30	Oklahoma	24,025
31	Maryland	22,812
32	Colorado	20,825
33	Mississippi	20,690
34	Utah	16,801
35	Nebraska	15,641
36	West Virginia	10,476
37	New Hampshire	9,203
38	New Mexico	9,070
39	Delaware	8,862
40	Rhode Island	7,824
41	Maine	7,795
42	Nevada	7,462
43	Idaho	7,045
44	South Dakota	5,381
45	Vermont	5,089
46	North Dakota	3,877
47	Montana	3,476
48	Wyoming	3,418
49	Hawaii	2,049
50	Alaska	1,659
x	District of Columbia	172

Source: U.S. Department of Commerce, Bureau of the Census, Annual Survey of Manufacturers May not be comparable to prior years because of changes in industry classifications. http://www.census.gov/

TABLE P-36

AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING, 2006

Rank	State	Amount	Percent of U.S. average
1	Michigan	$21.83	129.9
2	Washington	19.90	118.5
3	Connecticut	19.78	117.7
4	Ohio	19.16	114.0
5	Indiana	18.57	110.5
5	Maine	18.57	110.5
7	New York	18.29	108.9
8	Massachusetts	18.26	108.7
9	Delaware	18.13	107.9
10	Louisiana	17.94	106.8
11	West Virginia	17.89	106.5
12	Maryland	17.87	106.4
13	Kansas	17.68	105.2
14	Wyoming	17.44	103.8
x	District of Columbia	17.30	103.0
15	Minnesota	17.23	102.6
16	Missouri	17.16	102.1
17	Kentucky	16.92	100.7
18	Idaho	16.89	100.5
	UNITED STATES	16.80	100.0
19	Virginia	16.75	99.7
20	Colorado	16.58	98.7
21	New Hampshire	16.56	98.6
22	New Jersey	16.55	98.5
23	Wisconsin	16.54	98.5
24	Iowa	16.40	97.6
25	Illinois	16.03	95.4
26	CALIFORNIA	15.95	94.9
27	Montana	15.90	94.6
28	Hawaii	15.89	94.6
29	Vermont	15.79	94.0
30	Oregon	15.57	92.7
31	Alabama	15.56	92.6
32	Nevada	15.47	92.1
33	Pennsylvania	15.37	91.5
34	Utah	15.25	90.8
35	Nebraska	15.04	89.5
36	South Carolina	15.03	89.5
37	North Dakota	14.97	89.1
38	Arizona	14.88	88.6
39	Oklahoma	14.77	87.9
40	Florida	14.75	87.8
41	Georgia	14.74	87.7
42	North Carolina	14.57	86.7
43	Alaska	14.30	85.1
44	New Mexico	14.06	83.7
45	Tennessee	14.04	83.6
46	Texas	14.01	83.4
47	Mississippi	13.78	82.0
48	South Dakota	13.75	81.8
49	Rhode Island	13.42	79.9
50	Arkansas	13.35	79.5

Source: U.S. Department of Labor, Bureau of Labor Statistics http://stats.bls.gov/

TABLE P-37

GROSS DOMESTIC PRODUCT
BY STATE, 2007
(In millions)

Rank	State	Amount
	UNITED STATES	$13,743,021
1	CALIFORNIA	1,812,968
2	Texas	1,141,965
3	New York	1,103,024
4	Florida	734,519
5	Illinois	609,570
6	Pennsylvania	531,110
7	Ohio	466,309
8	New Jersey	465,484
9	North Carolina	399,446
10	Georgia	396,504
11	Virginia	382,964
12	Michigan	381,963
13	Massachusetts	351,514
14	Washington	311,270
15	Maryland	268,685
16	Minnesota	254,970
17	Arizona	247,028
18	Indiana	246,439
19	Tennessee	243,869
20	Colorado	236,324
21	Wisconsin	232,293
22	Missouri	229,470
23	Connecticut	216,266
24	Louisiana	216,146
25	Alabama	165,796
26	Oregon	158,233
27	Kentucky	154,184
28	South Carolina	152,830
29	Oklahoma	139,323
30	Iowa	129,026
31	Nevada	127,213
32	Kansas	117,305
33	Utah	105,658
34	Arkansas	95,371
x	District of Columbia	93,819
35	Mississippi	88,546
36	Nebraska	80,093
37	New Mexico	76,178
38	Hawaii	61,532
39	Delaware	60,118
40	West Virginia	57,711
41	New Hampshire	57,341
42	Idaho	51,149
43	Maine	48,108
44	Rhode Island	46,900
45	Alaska	44,517
46	Montana	34,253
47	South Dakota	33,934
48	Wyoming	31,514
49	North Dakota	27,725
50	Vermont	24,543

U.S. Department of Commerce,
Bureau of Economic Analysis
http://www.bea.doc.gov/

TABLE P-38

TOTAL
PERSONAL INCOME, 2007
(In millions)

Rank	State	Amount
	UNITED STATES	$11,645,882
1	CALIFORNIA	1,519,547
2	New York	914,432
3	Texas	888,926
4	Florida	701,647
5	Illinois	518,245
6	Pennsylvania	482,245
7	New Jersey	427,297
8	Ohio	399,897
9	Michigan	353,376
10	Georgia	319,339
11	Virginia	318,873
12	Massachusetts	316,568
13	North Carolina	304,781
14	Washington	261,415
15	Maryland	258,561
16	Indiana	213,302
17	Minnesota	213,282
18	Arizona	209,361
19	Tennessee	204,896
20	Missouri	202,153
21	Wisconsin	201,921
22	Colorado	199,525
23	Connecticut	189,535
24	Alabama	149,959
25	Louisiana	149,214
26	South Carolina	136,696
27	Kentucky	131,956
28	Oregon	130,353
29	Oklahoma	123,541
30	Iowa	104,651
31	Nevada	103,847
32	Kansas	102,069
33	Arkansas	85,214
34	Mississippi	84,193
35	Utah	82,506
36	Nebraska	64,721
37	New Mexico	62,002
38	New Hampshire	54,622
39	West Virginia	53,522
40	Hawaii	50,359
41	Idaho	46,776
42	Maine	44,418
43	Rhode Island	41,745
x	District of Columbia	35,940
44	Delaware	35,116
45	Montana	31,090
46	Alaska	27,580
47	South Dakota	26,996
48	Vermont	22,782
49	Wyoming	22,600
50	North Dakota	22,291

U.S. Department of Commerce,
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TABLE P-39

PER CAPITA
PERSONAL INCOME, 2007
(Dollars)

Rank	State	Amount	Percent of U.S. average
x	District of Columbia	$61,092	158.2
1	Connecticut	54,117	140.2
2	New Jersey	49,194	127.4
3	Massachusetts	49,082	127.1
4	New York	47,385	122.7
5	Maryland	46,021	119.2
6	Wyoming	43,226	112.0
7	CALIFORNIA	41,571	107.7
8	New Hampshire	41,512	107.5
9	Virginia	41,347	107.1
10	Colorado	41,042	106.3
11	Minnesota	41,034	106.3
12	Delaware	40,608	105.2
13	Nevada	40,480	104.8
14	Washington	40,414	104.7
15	Alaska	40,352	104.5
16	Illinois	40,322	104.4
17	Rhode Island	39,463	102.2
18	Hawaii	39,239	101.6
19	Pennsylvania	38,788	100.5
	UNITED STATES	38,611	100.0
20	Florida	38,444	99.6
21	Texas	37,187	96.3
22	Kansas	36,768	95.2
23	Vermont	36,670	95.0
24	Nebraska	36,471	94.5
25	Wisconsin	36,047	93.4
26	Michigan	35,086	90.9
27	Iowa	35,023	90.7
28	Ohio	34,874	90.3
29	North Dakota	34,846	90.2
30	Oregon	34,784	90.1
31	Louisiana	34,756	90.0
32	Missouri	34,389	89.1
33	Oklahoma	34,153	88.5
34	South Dakota	33,905	87.8
35	Maine	33,722	87.3
36	North Carolina	33,636	87.1
37	Indiana	33,616	87.1
38	Georgia	33,457	86.7
39	Tennessee	33,280	86.2
40	Arizona	33,029	85.5
41	Montana	32,458	84.1
42	Alabama	32,404	83.9
43	New Mexico	31,474	81.5
44	Idaho	31,197	80.8
45	Utah	31,189	80.8
46	Kentucky	31,111	80.6
47	South Carolina	31,013	80.3
48	Arkansas	30,060	77.9
49	West Virginia	29,537	76.5
50	Mississippi	28,845	74.7

U.S. Department of Commerce,
Bureau of Economic Analysis
http://www.bea.doc.gov/

TABLE P-40

RETAIL SALES, 1998
(In millions)

Rank	State	Amount
	UNITED STATES	$2,595,852
1	CALIFORNIA	290,938
2	Texas	189,977
3	Florida	177,765
4	New York	148,392
5	Pennsylvania	121,274
6	Ohio	121,092
7	Illinois	113,685
8	Michigan	104,412
9	New Jersey	82,355
10	North Carolina	81,141
11	Georgia	79,608
12	Virginia	73,585
13	Massachusetts	62,573
14	Indiana	59,429
15	Missouri	57,246
16	Wisconsin	57,116
17	Tennessee	57,001
18	Washington	56,507
19	Minnesota	49,673
20	Maryland	49,254
21	Arizona	46,957
22	Colorado	45,088
23	Louisiana	41,200
24	Alabama	39,876
25	Oregon	37,591
26	South Carolina	36,945
27	Kentucky	36,791
28	Connecticut	36,469
29	Iowa	30,720
30	Oklahoma	29,290
31	Kansas	25,362
32	Arkansas	23,995
33	Nevada	21,878
34	Mississippi	20,757
35	Utah	19,303
36	Nebraska	17,481
37	New Mexico	17,403
38	New Hampshire	15,379
39	West Virginia	15,077
40	Hawaii	13,537
41	Idaho	13,129
42	Maine	12,982
43	Montana	9,007
44	Delaware	8,709
45	South Dakota	8,395
46	Rhode Island	8,166
47	Alaska	7,256
48	North Dakota	7,222
49	Vermont	6,035
50	Wyoming	5,099
x	District of Columbia	3,730

Source: Market Statistics, Claritas Inc., VA
The Survey of Buying Power Data Service, annual (copyright)

TABLE P-41

AUTOMOBILES PER
1,000 POPULATION,
2005 a/ b/

Rank	State	No.
1	Iowa	621
2	Connecticut	578
3	Ohio	555
4	Oklahoma	545
5	CALIFORNIA	544
6	Virginia	537
7	North Dakota	536
8	Massachusetts	526
9	Delaware	507
10	New Hampshire	498
11	South Dakota	496
12	Minnesota	488
13	Washington	487
14	Rhode Island	480
15	Nebraska	475
15	Tennessee	475
17	Pennsylvania	474
18	Michigan	470
19	Florida	467
20	New York	466
21	Georgia	464
21	Maryland	464
23	Wisconsin	463
23	Montana	463
	UNITED STATES	461
25	Kentucky	459
26	Wyoming	456
27	South Carolina	454
27	New Jersey	454
29	Illinois	447
30	Maine	445
31	Utah	441
32	Missouri	438
33	Louisiana	433
34	Vermont	432
35	Indiana	430
36	North Carolina	413
37	Idaho	408
38	Hawaii	406
39	Texas	390
40	Alabama	387
41	West Virginia	385
42	Mississippi	383
42	Oregon	383
44	Alaska	376
45	Arizona	357
46	New Mexico	356
47	Arkansas	342
x	District of Columbia	336
48	Kansas	315
49	Nevada	279
50	Colorado	184

Rank based on unrounded data.
a/ Based on resident population as of July 1
b/ Includes taxis

Source: Federal Highway Administration
Bureau of the Census: Population
http://www.census.gov/

TABLE P-42

VISITORS TO STATE PARKS
AND RECREATION AREAS, a/
2005

Rank	State	Thous.
	UNITED STATES	725,361
1	CALIFORNIA	77,119
2	New York	56,405
3	Ohio	50,166
4	Illinois	44,950
5	Oregon	42,420
6	Washington	40,026
7	Pennsylvania	36,263
8	Massachusetts	33,162
9	Tennessee	29,038
10	Michigan	23,057
11	Indiana	19,674
12	Florida	18,202
13	Missouri	16,695
14	New Jersey	15,791
15	Wisconsin	14,964
16	Iowa	13,580
17	Oklahoma	13,282
18	North Carolina	12,674
19	Colorado	11,377
20	Maryland	11,186
21	Georgia	10,294
22	Texas	10,189
23	Nebraska	9,998
24	Arkansas	9,751
25	Minnesota	8,245
26	West Virginia	7,406
27	South Dakota	7,399
28	Virginia	7,319
29	Kansas	7,310
30	Kentucky	7,037
31	South Carolina	6,707
32	Connecticut	6,235
33	Rhode Island	5,853
34	Montana	5,671
35	Alaska	4,678
36	Delaware	4,557
37	Utah	4,552
38	New Mexico	4,157
39	Nevada	3,178
40	Alabama	2,961
41	Mississippi	2,256
42	Arizona	2,224
43	Wyoming	2,114
44	Maine	2,006
45	Louisiana	1,598
46	North Dakota	948
47	Vermont	690
--	Hawaii	n.a.
--	Idaho	n.a.
--	New Hampshire	n.a.

a/ Includes overnight visitors.
n.a. Not available
Source: National Association of State Park Directors, Tucson AZ

TABLE P-43

DEPARTMENT OF DEFENSE AND NASA
PRIME CONTRACT AWARDS, 2005 a/
($ millions)

State	DOD	Rank	NASA	Rank
UNITED STATES	$236,986.6		$14,525.7	
CALIFORNIA	31,064.7	1	3,592.7	1
Virginia	26,809.8	2	711.7	5
Texas	20,696.6	3	3,542.3	2
Maryland	10,863.5	4	1,680.7	3
Florida	10,317.5	5	1,111.8	4
Arizona	9,354.7	6	87.5	18
Connecticut	8,753.1	7	163.5	12
Massachusetts	8,332.7	8	256.6	10
Pennsylvania	7,483.4	9	45.3	20
Alabama	7,069.2	10	554.8	6
Missouri	6,981.3	11	26.4	29
New Jersey	6,101.2	12	53.1	19
New York	5,961.8	13	112.7	15
Georgia	5,740.6	14	33.9	25
Ohio	5,460.3	15	235.2	11
Washington	4,452.5	16	35.5	22
Indiana	4,428.5	17	106.4	16
Kentucky	4,299.8	18	7.7	40
Michigan	3,962.0	19	30.1	27
Colorado	3,689.9	20	337.5	9
Illinois	3,571.7	21	33.1	26
District of Columbia	3,485.7	x	302.1	x
Mississippi	3,293.6	22	161.7	13
Louisiana	3,029.1	23	341.5	8
North Carolina	2,948.6	24	26.3	30
Tennessee	2,803.6	25	34.5	24
Wisconsin	2,563.2	26	27.9	28
Utah	2,180.6	27	396.3	7
South Carolina	2,001.3	28	8.0	39
Oklahoma	1,993.8	29	20.0	31
Hawaii	1,990.8	30	40.3	21
Alaska	1,924.0	31	13.9	34
Kansas	1,880.5	32	10.1	38
Maine	1,744.0	33	3.2	46
Minnesota	1,703.3	34	11.4	36
New Mexico	1,154.1	35	94.9	17
New Hampshire	1,048.4	36	35.4	23
Iowa	867.4	37	12.7	35
Arkansas	797.1	38	2.3	49
Oregon	589.0	39	15.1	32
Nevada	514.4	40	7.2	43
Nebraska	479.3	41	3.0	47
Rhode Island	417.9	42	7.6	41
Vermont	403.3	43	3.4	45
West Virginia	393.9	44	145.3	14
South Dakota	368.4	45	2.4	48
North Dakota	270.2	46	6.6	44
Montana	232.7	47	14.1	33
Wyoming	184.4	48	2.1	50
Delaware	174.4	49	7.6	41
Idaho	154.6	50	10.5	37

a/ Fiscal year: Oct. 1, 2004-Sept. 30, 2005
Rank based on unrounded data.

Sources:
Department of Defense, http://web1.whs.osd.mil/diorhome.htm
NASA, http://www.hq.nasa.gov/office/procurement/

TABLE P-44

DEPARTMENT OF DEFENSE
CIVILIAN PERSONNEL, 2005 a/

Rank	State	Thous.	Percent of U.S.
	UNITED STATES	639.3	100.0
1	Virginia	79.8	12.5
2	CALIFORNIA	56.2	8.8
3	Texas	41.1	6.4
4	Georgia	32.0	5.0
5	Maryland	31.0	4.8
6	Florida	26.5	4.2
7	Pennsylvania	25.5	4.0
8	Washington	24.3	3.8
9	Alabama	21.9	3.4
10	Oklahoma	21.6	3.4
11	Ohio	21.5	3.4
12	North Carolina	17.2	2.7
13	Hawaii	16.3	2.6
14	Utah	15.1	2.4
x	District of Columbia	15.1	2.4
15	New Jersey	13.8	2.2
16	Illinois	13.3	2.1
17	New York	11.2	1.8
18	Colorado	10.6	1.7
19	South Carolina	9.6	1.5
20	Missouri	9.5	1.5
21	Arizona	9.3	1.4
22	Kentucky	9.0	1.4
23	Indiana	9.0	1.4
24	Mississippi	9.0	1.4
25	Michigan	8.1	1.3
26	New Mexico	7.0	1.1
27	Louisiana	6.9	1.1
28	Massachusetts	6.6	1.0
29	Kansas	6.4	1.0
30	Maine	6.3	1.0
31	Tennessee	5.3	0.8
32	Alaska	4.6	0.7
33	Rhode Island	4.3	0.7
34	Arkansas	3.9	0.6
35	Nebraska	3.8	0.6
36	Oregon	3.3	0.5
37	Wisconsin	2.8	0.4
38	Minnesota	2.5	0.4
39	Connecticut	2.4	0.4
40	Nevada	2.1	0.3
41	North Dakota	1.8	0.3
42	West Virginia	1.8	0.3
43	Iowa	1.6	0.3
44	Idaho	1.6	0.2
45	Delaware	1.5	0.2
46	Montana	1.3	0.2
47	South Dakota	1.2	0.2
48	New Hampshire	1.1	0.2
49	Wyoming	1.0	0.2
50	Vermont	0.6	0.1

a/ Fiscal year: Oct. 1, 2004-Sept. 30, 2005

Source: U.S. Department of Defense,
U.S. Bureau of Labor Statistics

TABLE P-45

FARM MARKETINGS, 2005
(In millions)

Rank	State	Amount
	UNITED STATES	$238,941
1	CALIFORNIA	31,707
2	Texas	16,355
3	Iowa	14,621
4	Nebraska	11,470
5	Kansas	9,975
6	Minnesota	9,301
7	Illinois	8,847
8	North Carolina	8,264
9	Florida	7,760
10	Wisconsin	6,759
11	Arkansas	6,320
12	Georgia	6,130
13	Washington	5,810
14	Missouri	5,615
15	Indiana	5,580
16	Colorado	5,386
17	Oklahoma	5,247
18	Ohio	5,182
19	South Dakota	4,863
20	Pennsylvania	4,782
21	Idaho	4,484
22	Michigan	4,160
23	Mississippi	4,135
24	Alabama	4,097
25	Kentucky	3,971
26	North Dakota	3,921
27	Oregon	3,747
28	New York	3,630
29	Arizona	3,106
30	Virginia	2,702
31	New Mexico	2,611
32	Tennessee	2,525
33	Montana	2,324
34	Louisiana	2,125
35	South Carolina	1,819
36	Maryland	1,617
37	Utah	1,326
38	Delaware	1,068
39	Wyoming	966
40	New Jersey	858
41	Vermont	563
42	Hawaii	556
43	Maine	535
44	Connecticut	511
45	Nevada	479
46	West Virginia	452
47	Massachusetts	404
48	New Hampshire	163
49	Rhode Island	64
50	Alaska	49

Source: U.S. Department of Agriculture

TABLE P-46

CROP VALUE, 2005
(In millions)

Rank	State	Amount
	UNITED STATES	$113,962
1	CALIFORNIA	23,253
2	Illinois	6,859
3	Iowa	6,674
4	Florida	6,306
5	Texas	5,694
6	Minnesota	4,338
7	Washington	3,987
8	Nebraska	3,925
9	Indiana	3,537
10	Ohio	3,138
11	Kansas	3,107
12	North Dakota	2,925
13	Oregon	2,716
14	North Carolina	2,662
15	Missouri	2,514
16	Michigan	2,432
17	South Dakota	2,262
18	Georgia	2,131
19	Arkansas	2,105
20	Idaho	1,901
21	Wisconsin	1,745
22	Arizona	1,693
23	Pennsylvania	1,548
24	Colorado	1,396
25	New York	1,326
26	Kentucky	1,270
27	Tennessee	1,258
28	Mississippi	1,234
29	Louisiana	1,205
30	Montana	1,038
31	Oklahoma	1,032
32	Virginia	830
33	South Carolina	728
34	Alabama	722
35	Maryland	686
36	New Jersey	677
37	New Mexico	621
38	Hawaii	468
39	Connecticut	351
40	Massachusetts	313
41	Utah	289
42	Maine	240
43	Delaware	175
44	Nevada	172
45	Wyoming	151
46	New Hampshire	93
47	Vermont	80
48	West Virginia	76
49	Rhode Island	54
50	Alaska	25

Source: U.S. Department of Agriculture

TABLE P-47

CRIME RATE, 2005 a/

Rank	State	Rate
x	District of Columbia b/	6,206
1	Arizona	5,351
2	Washington	5,239
3	South Carolina	5,100
4	Hawaii	5,048
5	Tennessee	5,029
6	Texas	4,862
7	New Mexico	4,850
8	Nevada	4,849
9	Florida	4,716
10	Oregon	4,687
11	Georgia	4,621
12	Arkansas	4,586
13	Oklahoma	4,551
14	North Carolina	4,543
15	Missouri	4,453
16	Colorado	4,437
17	Alabama	4,324
18	Louisiana	4,277
19	Maryland	4,247
20	Alaska	4,245
21	Kansas	4,174
22	Utah	4,096
23	Ohio	4,014
	UNITED STATES	3,899
24	CALIFORNIA	3,849
25	Indiana	3,780
26	Delaware	3,743
27	Nebraska	3,710
28	Michigan	3,643
29	Illinois	3,632
30	Mississippi	3,538
31	Montana	3,425
32	Wyoming	3,385
33	Minnesota	3,381
34	Iowa	3,125
35	Rhode Island	2,970
36	Idaho	2,955
37	Virginia	2,921
38	Wisconsin	2,902
39	West Virginia	2,898
40	Pennsylvania	2,842
41	Connecticut	2,833
42	Massachusetts	2,821
43	Kentucky	2,798
44	New Jersey	2,688
45	New York	2,555
46	Maine	2,525
47	Vermont	2,401
48	North Dakota	2,076
49	South Dakota	1,952
50	New Hampshire	1,928

a/ Offenses known to police per 100,000 population. (Resident population as of July 1)
b/ Includes offenses reported by police at the National Zoo.

Source: Federal Bureau of Investigation

TABLE P-48

PER CAPITA ENERGY CONSUMPTION, 2003 a/
(In millions btu)

Rank	State	Mill. BTU	Percent of U.S. average
1	Alaska	1,175	346.6
2	Wyoming	919	271.1
3	Louisiana	822	242.5
4	North Dakota	624	184.1
5	Texas	560	165.2
6	Indiana	470	138.6
7	Kentucky	456	134.5
8	Alabama	447	131.9
9	West Virginia	433	127.7
10	Oklahoma	425	125.4
11	Arkansas	416	122.7
12	Mississippi	411	121.2
13	Kansas	410	120.9
13	Montana	410	120.9
15	Iowa	400	118.0
16	South Carolina	389	114.7
17	Tennessee	388	114.5
18	Delaware	383	113.0
19	Nebraska	372	109.7
20	Maine	366	108.0
21	Minnesota	355	104.7
22	New Mexico	353	104.1
23	Ohio	349	102.9
24	South Dakota	345	101.8
25	Georgia	343	101.2
26	Idaho	341	100.6
	UNITED STATES	339	100.0
27	Wisconsin	335	98.8
x	District of Columbia	329	97.1
28	Virginia	329	97.1
29	Missouri	322	95.0
30	Pennsylvania	321	94.7
31	Washington	316	93.2
32	North Carolina	314	92.6
33	Michigan	313	92.3
34	Illinois	310	91.4
35	New Jersey	298	87.9
36	Colorado	297	87.6
37	Utah	296	87.3
38	Oregon	295	87.0
39	Nevada	292	86.1
40	Maryland	281	82.9
41	Connecticut	255	75.2
42	New Hampshire	254	74.9
43	Florida	252	74.3
43	Vermont	252	74.3
45	Hawaii	248	73.2
45	Massachusetts	248	73.2
47	Arizona	246	72.6
48	CALIFORNIA	229	67.6
49	New York	220	64.9
50	Rhode Island	212	62.5

a/ Based on estimated resident population as of July 1.

Source: U.S. Energy Information Administration;
U.S. Bureau of the Census

TABLE P-49

PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: NUMBER AND AVERAGE SALARY OF TEACHERS, 2005 a/
(In thousands)

Rank b/	State	Number of teachers c/	Average annual salary
	UNITED STATES	3,066.0	$47.7
1	CALIFORNIA	298.1	57.9
2	Texas	294.5	41.0
3	New York	223.0	56.2
4	Florida	158.0	41.6
5	Illinois	131.8	55.4
6	Pennsylvania	119.9	53.3
7	Ohio	114.1	48.7
8	New Jersey	109.6	56.7
9	Georgia	104.8	46.5
10	Virginia	98.9	42.8
11	Michigan	96.8	57.0
12	North Carolina	90.7	43.3
13	Massachusetts	66.8	54.7
14	Missouri	64.8	39.1
15	Indiana	60.5	46.6
16	Wisconsin	60.1	44.3
17	Tennessee	59.2	42.1
18	Maryland	56.2	52.3
19	Washington	53.3	45.7
20	Minnesota	52.2	46.9
21	Louisiana	48.8	39.0
22	Alabama	46.5	38.2
23	South Carolina	46.2	42.2
24	Arizona	45.9	42.9
25	Colorado	45.2	43.9
26	Connecticut	42.5	57.7
27	Oklahoma	40.4	37.9
28	Kentucky	40.1	40.5
29	Iowa	34.7	39.3
30	Kansas	32.8	39.3
31	Arkansas	32.7	40.5
32	Mississippi	30.7	36.6
33	Oregon	27.9	48.3
34	New Mexico	21.7	39.4
35	Utah	21.0	39.5
36	Nebraska	20.7	39.5
37	Nevada	20.6	43.4
38	West Virginia	19.8	38.4
39	Maine	16.7	39.6
40	New Hampshire	15.3	43.9
41	Idaho	14.2	42.1
41	Rhode Island	14.2	53.5
43	Hawaii	11.4	46.1
44	Montana	10.2	38.5
45	South Dakota	8.9	34.0
46	Vermont	8.7	44.5
47	Delaware	8.0	50.6
48	Alaska	7.9	52.4
49	North Dakota	7.7	36.7
50	Wyoming	6.6	40.5
x	District of Columbia	5.0	58.5

a/ Estimates for school year ending in June.
b/ Ranked by number of classroom teachers
c/ Full-time equivalent.

Source: National Education Association,
Estimates of School Statistics Database (Copyright)

TABLE P-50

TOTAL ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, 2005

Rank	State	Thous.
	UNITED STATES a/	17,487
1	CALIFORNIA	2,400
2	Texas	1,241
3	New York	1,152
4	Florida	873
5	Illinois	833
6	Pennsylvania	692
7	Michigan	627
8	Ohio	616
9	Arizona	546
10	North Carolina	484
11	Massachusetts	443
12	Virginia	439
13	Georgia	427
14	New Jersey	380
15	Missouri	374
16	Minnesota	362
17	Indiana	361
18	Washington	348
19	Wisconsin	335
20	Maryland	314
21	Colorado	303
22	Tennessee	283
23	Alabama	256
24	Kentucky	245
25	Iowa	228
26	South Carolina	210
27	Oklahoma	208
28	Utah	201
29	Oregon	200
30	Louisiana	198
31	Kansas	192
32	Connecticut	175
33	Mississippi	150
34	Arkansas	143
35	New Mexico	131
36	Nebraska	121
37	Nevada	111
x	District of Columbia	105
38	West Virginia	100
39	Rhode Island	81
40	Idaho	78
41	New Hampshire	70
42	Hawaii	67
43	Maine	66
44	Delaware	52
45	North Dakota	49
45	South Dakota	49
47	Montana	48
48	Vermont	40
49	Wyoming	35
50	Alaska	30

a/ U.S. total includes military academies.

Source: U.S. National Center for Education Statistics

TABLE P-51

AVERAGE EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE (ADA), 2005 a/

Rank	State	Amount
x	District of Columbia	$16,550
1	New Jersey	13,740
2	Vermont	13,488
3	New York	12,764
4	Connecticut	12,519
5	Massachusetts	12,457
6	Delaware	11,955
7	Alaska	11,588
8	Maine	11,566
9	Rhode Island	11,306
10	Wyoming	11,157
11	Ohio	10,684
12	New Hampshire	10,473
13	Wisconsin	10,384
14	Illinois	10,348
15	Michigan	10,301
16	New Mexico	10,172
17	Minnesota	9,888
18	Maryland	9,781
19	West Virginia	9,749
20	Pennsylvania	9,654
21	Indiana	9,545
22	Georgia	9,535
23	Virginia	9,434
24	Hawaii	9,340
	UNITED STATES	9,207
25	Montana	9,112
26	Colorado	8,990
27	Oregon	8,871
28	Kentucky	8,775
29	Kansas	8,596
30	South Carolina	8,542
31	Nebraska	8,328
32	Louisiana	8,273
33	CALIFORNIA	8,237
34	Washington	8,231
35	Missouri	8,034
36	Iowa	8,024
37	North Dakota	8,011
38	South Dakota	7,928
39	North Carolina	7,852
40	Texas	7,823
41	Florida	7,668
42	Tennessee	7,346
43	Alabama	7,300
44	Nevada	7,184
45	Idaho	7,173
46	Oklahoma	7,087
47	Arkansas	7,011
48	Mississippi	6,901
49	Arizona	5,699
50	Utah	5,574

a/ Public and elementary and secondary schools.

Source: National Education Association, Washington, D.C.

TABLE P-52

MEDIAN HOUSING VALUE AND CONTRACT RENT, 2006

Rank	State	Median value a/ owner-occupied units	% of U.S. average	Median contract rent b/	Rent rank
1	CALIFORNIA	$535,700	289.3	$941	2
2	Hawaii	529,700	286.0	1,010	1
x	District of Columbia	437,700	236.3	822	x
3	Massachusetts	370,400	200.0	823	5
4	New Jersey	366,600	197.9	869	3
5	Maryland	334,700	180.7	830	4
6	Nevada	315,200	170.2	786	7
7	New York	303,400	163.8	765	9
8	Connecticut	298,900	161.4	750	10
9	Rhode Island	295,700	159.7	727	12
10	Washington	267,600	144.5	686	15
11	New Hampshire	253,200	136.7	766	8
12	Virginia	244,200	131.9	711	14
13	Oregon	236,600	127.8	624	20
14	Arizona	236,500	127.7	658	17
15	Colorado	232,900	125.8	674	16
16	Florida	230,600	124.5	738	11
17	Delaware	227,100	122.6	712	13
18	Alaska	213,200	115.1	813	6
19	Minnesota	208,200	112.4	636	19
20	Illinois	200,200	108.1	652	18
21	Vermont	193,000	104.2	624	20
22	Utah	188,500	101.8	603	22
	UNITED STATES	185,200	100.0	636	
23	Maine	170,500	92.1	548	27
24	Idaho	163,900	88.5	529	29
25	Wisconsin	163,500	88.3	552	26
26	Georgia	156,800	84.7	586	23
27	Montana	155,500	84.0	467	38
28	Michigan	153,300	82.8	559	25
29	Wyoming	148,900	80.4	498	33
30	Pennsylvania	145,200	78.4	536	28
31	New Mexico	141,200	76.2	516	30
32	North Carolina	137,200	74.1	516	30
33	Ohio	135,200	73.0	498	33
34	Missouri	131,900	71.2	466	39
35	Tennessee	123,100	66.5	484	36
36	South Carolina	122,400	66.1	491	35
37	Indiana	120,700	65.2	510	32
38	Nebraska	119,200	64.4	482	37
39	Louisiana	114,700	61.9	456	42
40	Kansas	114,400	61.8	466	39
41	Texas	114,000	61.6	564	24
42	Iowa	112,600	60.8	458	41
43	South Dakota	112,600	60.8	422	46
43	Kentucky	111,000	59.9	433	44
45	Alabama	107,000	57.8	410	47
46	North Dakota	99,700	53.8	434	43
47	Oklahoma	94,500	51.0	431	45
48	Arkansas	93,900	50.7	407	48
49	West Virginia	89,700	48.4	371	50
50	Mississippi	88,600	47.8	406	49

a/ Value is the respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium) would sell for if it were for sale.
b/ Contract rent is the monthly rent agreed to regardless of any furnishings, utilities or services that may be included.

Source: U.S. Department of Commerce, Bureau of the Census, 2006 American Community Survey
http://www.census.gov/

TABLE P-53

HOMEOWNERSHIP RATES BY STATE, 2007 a/
(In percent)

Rank	State	Rate
1	West Virginia	77.6
2	Delaware	76.8
3	Michigan	76.4
4	Utah	74.9
5	Idaho	74.5
6	Maine	74.3
7	South Carolina	74.1
8	Mississippi	74.0
9	Indiana	73.8
9	New Hampshire	73.8
11	Iowa	73.7
11	Vermont	73.7
13	Minnesota	73.5
14	Alabama	73.3
15	Wyoming	73.2
16	Kentucky	72.9
16	Pennsylvania	72.9
18	Florida	71.8
19	Maryland	71.7
20	Louisiana	71.5
20	New Mexico	71.5
20	Virginia	71.5
23	Ohio	71.4
24	Wisconsin	70.5
25	Arizona	70.4
25	Missouri	70.4
25	South Dakota	70.4
28	Connecticut	70.3
28	North Carolina	70.3
28	Oklahoma	70.3
31	Colorado	70.2
31	Tennessee	70.2
33	Arkansas	69.5
34	Illinois	69.4
34	Kansas	69.4
36	New Jersey	68.3
37	Nebraska	68.2
	UNITED STATES	68.1
38	Georgia	67.6
39	Montana	67.3
40	Washington	66.8
41	Alaska	66.6
42	North Dakota	66.0
42	Texas	66.0
44	Oregon	65.7
45	Rhode Island	64.9
46	Massachusetts	64.3
47	Nevada	63.3
48	Hawaii	60.1
49	CALIFORNIA	58.3
50	New York	55.9
x	District of Columbia	47.2

a/ Represents the proportion of owner households to the total number of occupied households.

Source: U.S. Bureau of Census,
Current Population Survey/Housing Vacancy Survey
http://www.census.gov/

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TABLE P-54

CALIFORNIA'S WORLD RANKING
2007 GROSS DOMESTIC PRODUCT

Rank	Countries	($ billions)
1	UNITED STATES	$13,811
2	Japan	4,377
3	Germany	3,297
4	China (excluding Hong Kong)	3,280
5	United Kingdom	2,728
6	France	2,562
7	Italy	2,107
8	CALIFORNIA a/	1,813
9	Spain	1,429
10	Canada	1,326
11	Brazil	1,314
12	Russian Federation	1,291
13	India	1,171
14	Korea, Rep.	970
15	Mexico	893
16	Australia	822
17	Netherlands	754
18	Turkey	657
19	Belgium	449
20	Sweden	444
21	Indonesia	433
22	Poland	420
23	Switzerland	416
24	Norway	382
25	Saudi Arabia	382

Sources:
World Bank: World Development Indicators database, July 1, 2008
http://siteresources.worldbank.org/DATASTATISTICS/Resources/(
a/ California Gross Domestic Product: US Bureau of Economic Ana

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SECTION Q
2002 ECONOMIC CENSUS

Data on various California industries are summarized from the 2002 Economic Census. Be aware that a major change has occurred in the way industries are classified for statistical tabulations. Earlier Economic Census reports were based on the Standard Industrial Classification (SIC) system. The 1997 and 2002 Economic Census are based on the new North American Industry Classification System (NAICS). See table on next page for structure comparison. This change resulted in a significant loss of many of the existing time series formed using the SIC. The official source for these data is the US Department of Commerce, Bureau of the Census.

Background

Over the years, the economy of the United States has shifted from an agricultural based economy, to a manufacturing economy, and now to a service based economy. In the 1930s, in order to better understand the industrial composition and the changes taking place in the U.S. economy, an industrial classification system, referred to as the Standard Industrial Classification (SIC) system, was developed. The SIC system provided a consistent framework for the assignment of unique industry codes to each business firm and the subsequent collection, tabulation, and analysis of economic statistics by governments, researchers, and businesses. During the intervening decades, the SIC system has been updated on a periodic basis. While the current SIC system adequately reflects the manufacturing economy, it provides insufficient detail to analyze the services sector of the economy. Recent developments in information services, new forms of healthcare provision, and even high-tech manufacturing can not be studied under the current SIC system. In order to address the data needs of a changing world, the SIC system has been carefully reconceptualized. The new North American Industry Classification System (NAICS) not only represents the first major revision of the industrial classification used in the United States since the 1930s, but also represents a cooperative effort between the United States, Canada, and Mexico to develop a uniform coding structure which could be used by all three countries. The NAICS will allow the collection and analysis of trade and production data directly with our trading partners in NAFTA.

Principles of the NAICS

The old SIC system was a mixture of concepts. Some industries were based on demand groupings, activities that were similar in the eyes of users, while others were based on supply groupings. The new NAICS is the first industrial classification system in the United States to use a unified economic concept to define industries. The production function or supply based definition of industries classifies establishments using similar raw material inputs, capital equipment, and labor in the same industry. This approach creates homogeneous groupings that are well suited for economic analysis.

There are four primary concepts that were used during the NAICS development. First, the NAICS was developed using a production oriented conceptual framework. As described earlier, establishments that do things in a similar way will be classified together. Second, new industries in the NAICS focused on emerging economic activities, services in general, and industries producing advanced technology. Third, time series were maintained whenever possible. However, because of national differences in the old coding systems of the United States, Canada, and Mexico and changes to make them comparable, there will be significant time series breaks from the SIC to the NAICS. Finally, the NAICS strove for compatibility with the 2-digit level of the International Standard Industrial Classification of All Economic Activities, Revision 3 (ISIC Rev. 3) of the United Nations.

For more information, visit the US Bureau of the Census web site at http://www.census.gov/epcd/www/naics.html or call (301) 457-2547.

TABLE Q-1

MINING INDUSTRIES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Paid employees for week including March 12	Annual payroll ($1,000)	Value added ($1,000)
21	Mining	871	20,321	$936,870	$6,104,728
211	Oil & gas extraction	232	3,910	236,513	3,367,553
211111	Crude petroleum & natural gas extraction	215	3,661	223,630	3,298,920
211112	Natural gas liquid extraction	17	249	12,883	68,633
212	Mining (except oil & gas)	337	7,793	383,847	1,758,054
2121	Coal mining	1	8	d/	d/
2122	Metal ore mining	30	g/	d/	d/
21221	Iron ore mining	1	e/	d/	d/
21222	Gold ore & silver ore mining	26	g/	d/	d/
21223	Copper, nickel, lead, & zinc mining	1	e/	d/	d/
21229	Other metal ore mining	2	f/	d/	d/
2123	Nonmetallic mineral mining & quarrying	306	7,136	349,971	1,664,411
21231	Stone mining & quarrying	98	2,241	102,609	404,042
21232	Sand, gravel, clay, ceramic & refractory minerals	167	2,991	152,833	743,549
21239	Other nonmetallic mineral mining & quarrying	41	1,904	94,529	516,820
213	Support activities for mining	302	8,618	316,510	979,121

a/ Excludes hauling & other transportation beyond the mine property & contract hauling (except out of open pits in conjunction with mining).
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
e/ 0 to 19 employees.
f/ 20 to 99 employees.
g/ 500 to 999 employees.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-2

UTILITY INDUSTRY IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establishments c/	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
22	Utilities	1,144	Q	$3,814,616	57,461
2211	Electric power generation, transmission, & distribution	500	Q	3,060,051	44,158
22111	Electric power generation	220	Q	454,035	5,819
221111	Hydroelectric power generation	38	Q	d/	f/
221112	Fossil fuel electric power generation	108	Q	177,515	2,233
221119	Other electric power generation	70	Q	d/	e/
22112	Electric power transmission, control, & distribution	280	Q	2,606,016	38,339
2212	Natural gas distribution	168	Q	559,841	9,172
2213	Water, sewage, & other systems	476	Q	194,724	4,131
22131	Water supply & irrigation systems	451	Q	188,113	3,974
22132	Sewage treatment facilities	24	Q	d/	g/

a/ Excluded from this sector are establishments primarily engaged in waste management services.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
e/ 1,000 to 2,499 employees
f/ 250 to 499 employees
g/ 100 to 249 employees
Q Revenue not collected at this level of detail for multiestablishment firms.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-3

CONSTRUCTION INDUSTRY IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establishments c/	Value added ($1,000)	Number of employees: All	Number of employees: Construction workers	Annual payroll ($1,000): All employees	Annual payroll ($1,000): Construction workers
23	Construction	69,023	$72,495	870,334	649,877	$32,986,608	$22,282,523
236	Construction of buildings	21,915	23,571	198,873	123,306	8,099,155	4,176,736
236115	New single-family housing construction (except operative builders)	5,524	2,565	34,757	22,865	1,219,998	660,997
236116	New multifamily housing construction (except operative builders)	413	354	4,557	2,980	195,772	117,152
236117	New housing operative builders	2,016	9,336	33,069	15,556	1,501,627	584,716
236118	Residential remodelers	9,539	2,824	46,449	30,559	1,413,923	822,589
236210	Industrial building construction	244	449	4,896	3,650	206,118	131,560
236220	Commercial & institutional building construction	4,179	8,043	75,143	47,696	3,561,717	1,859,722
237	Heavy & civil engineering construction	3,904	11,524	110,306	83,152	4,929,101	3,448,241
237110	Water & sewer line & related structures construction	947	1,970	20,267	16,338	909,696	659,284
237120	Oil & gas pipeline & related structures construction	63	490	7,350	6,504	288,437	232,076
237130	Power & communication line & related structures construction	411	3,124	29,047	22,837	1,359,260	1,015,815
237210	Land subdivision	879	1,580	7,691	3,017	349,876	107,847
237310	Highway, street, & bridge construction	738	2,905	27,681	21,407	1,353,701	990,852
237990	Other heavy & civil engineering construction	865	1,453	18,270	13,050	668,130	442,367
238	Specialty trade contractors	43,204	37,400	561,155	443,418	19,958,352	14,657,546
238110	Poured concrete foundation & structure contractors	2,661	3,006	45,957	39,077	1,586,104	1,233,329
238120	Structural steel & precast concrete contractors	665	951	12,774	10,104	512,999	369,381
238130	Framing contractors	1,199	2,101	42,364	38,879	1,240,303	1,039,458
238140	Masonry contractors	1,890	1,582	34,329	29,958	909,261	730,849
238150	Glass & glazing contractors	616	474	6,048	3,938	236,782	149,646
238160	Roofing contractors	2,616	1,785	27,603	21,882	844,749	599,466
238170	Siding contractors	213	114	2,796	2,183	109,880	85,085
238190	Other foundation, structure, & building exterior contractors	392	354	5,000	3,799	203,210	148,994
238210	Electrical contractors	6,820	6,028	81,186	62,743	3,340,633	2,432,645
238220	Plumbing, heating, & air-conditioning contractors	7,272	7,219	91,127	66,748	3,845,532	2,701,227
238290	Other building equipment contractors	472	857	9,465	6,938	462,632	341,951
238310	Drywall & insulation contractors	2,110	2,657	46,174	39,444	1,545,915	1,250,982
238320	Painting & wall covering contractors	4,864	1,622	32,888	26,570	880,124	670,015
238330	Flooring contractors	1,803	885	14,215	8,579	454,950	266,474
238340	Tile & terrazzo contractors	1,570	946	14,911	11,626	501,851	350,704
238350	Finish carpentry contractors	2,619	1,470	24,875	17,945	772,813	509,877
238390	Other building finishing contractors	398	461	6,469	4,372	216,093	131,428
238910	Site preparation contractors	1,876	2,759	30,529	24,669	1,224,552	922,076
238990	All other specialty trade contractors	3,146	2,130	32,443	23,965	1,069,970	723,960

a/ Establishments identified as construction management firms are also included.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-4

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED,
AND TOTAL CAPITAL EXPENDITURES BY INDUSTRY GROUP IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	All employees Number (000)	All employees Payroll ($ mill.)	Production workers Number (000)	Production workers Hours (mill.)	Production workers Wages ($ mill.)	Value added by manufacture ($ mill.)	Total capital expenditures ($ mill.)
31-33	Manufacturing	48,478	1,616.5	$66,468.6	1,029.4	2,002.7	$31,371.8	$197,574.5	$16,279.9
311	Food	3,814	164.5	5,158.3	118.9	232.5	3,227.2	22,083.5	1,306.3
312	Beverage & tobacco products	846	31.7	1,350.1	15.9	29.5	571.6	8,202.0	787.5
313	Textile mills	491	13.2	361.0	11.0	22.2	258.5	829.4	38.7
314	Textile product mills	894	16.9	437.2	13.2	26.4	279.6	1,048.4	30.7
315	Apparel	4,755	95.5	2,092.0	76.1	135.5	1,270.6	5,573.2	97.8
316	Leather & allied products	229	5.5	139.4	4.2	7.8	77.5	351.3	8.9
321	Wood products	1,339	39.6	1,143.7	31.7	62.6	796.3	2,369.7	137.1
322	Paper	560	29.4	1,226.4	22.2	46.8	803.5	3,699.4	334.5
323	Printing & related support activities	4,806	77.2	2,798.5	55.3	101.5	1,714.6	6,349.0	411.2
324	Petroleum & coal products	218	11.7	781.3	7.4	16.1	473.4	5,334.8	3,105.9
325	Chemicals	1,615	76.3	3,684.0	40.3	75.9	1,426.1	14,754.8	1,479.5
326	Plastics & rubber products	1,846	86.8	2,768.4	65.5	129.8	1,693.1	7,440.4	497.4
327	Nonmetallic mineral products	1,542	45.1	1,726.4	35.2	72.4	1,217.3	5,127.9	479.5
331	Primary metals	510	21.7	842.0	17.2	35.5	578.0	2,250.9	249.6
332	Fabricated metal products	7,931	157.7	5,919.2	116.1	230.3	3,666.5	13,293.9	694.9
333	Machinery	2,833	93.7	4,430.4	50.4	95.1	1,743.3	9,294.8	585.8
334	Computer & electronic products	3,893	298.6	16,717.2	125.3	242.2	4,617.0	50,373.2	4,075.2
335	Electrical equipment, appliance, & components	936	39.3	1,496.8	25.4	51.5	720.6	3,818.8	250.1
336	Transportation equipment	1,589	127.4	6,908.7	73.9	149.2	3,054.7	16,911.3	894.4
337	Furniture & related products	3,054	68.2	1,946.7	53.2	102.6	1,277.0	4,653.5	148.0
339	Miscellaneous	4,777	116.6	4,540.8	70.8	137.3	1,905.4	13,814.5	666.7

a/ Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products.
The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-5

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED,
AND TOTAL CAPITAL EXPENDITURES FOR SELECTED COUNTIES, CALIFORNIA a/
2002 ECONOMIC CENSUS b/

County c/	Number of establish-ments	All employees		Production workers			Value added by manufacture ($ mill.)	Total capital expenditures ($ mill.)
		Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)		
California	48,478	1,616.5	$66,468.6	1,029.4	2,002.7	$31,371.8	$197,574.5	$16,279.9
Alameda	2,355	94.7	4,640.4	53.8	104.0	1,965.4	14,628.8	716.2
Amador	52	0.6	17.7	0.4	0.7	10.9	47.4	4.1
Butte	235	4.4	140.5	3.2	6.3	86.2	425.3	90.3
Colusa	28	0.8	27.8	0.7	1.2	18.9	87.6	5.8
Contra Costa	677	20.7	1,040.8	12.7	24.8	530.0	3,971.3	446.0
El Dorado	181	4.2	149.6	2.9	5.1	88.7	627.8	d/
Fresno	701	26.6	844.9	19.5	38.8	506.7	2,530.7	166.5
Glenn	30	0.8	30.0	0.7	1.6	24.1	114.8	d/
Humboldt	166	3.6	121.0	3.0	5.8	89.5	266.1	23.0
Imperial	60	1.8	61.3	1.4	2.9	39.6	219.1	17.6
Kern	398	11.0	360.3	7.7	15.3	213.4	1,656.2	165.7
Kings	79	3.9	123.0	3.3	7.0	96.8	689.5	27.3
Los Angeles	17,205	530.9	19,989.5	361.5	701.4	10,239.4	55,525.8	5,619.9
Madera	103	4.4	151.1	3.5	6.2	104.4	589.8	39.9
Marin	290	3.4	131.6	2.2	4.4	66.4	328.5	13.1
Mendocino	152	3.3	103.7	2.3	4.3	63.8	311.8	21.6
Merced	127	8.9	243.0	6.9	13.7	177.2	941.1	49.3
Monterey	307	8.4	268.8	6.3	10.4	166.7	1,037.1	51.5
Napa	381	10.9	486.3	5.3	10.5	190.0	1,994.6	159.6
Nevada	168	1.9	81.3	1.2	2.3	40.5	255.8	13.1
Orange	5,621	198.2	7,896.6	126.8	249.7	3,704.2	21,686.0	1,559.6
Placer	299	11.3	351.0	5.1	10.2	172.1	1,497.4	d/
Plumas	31	0.5	20.2	0.4	0.9	15.5	40.2	d/
Riverside	1,627	54.4	1,873.0	40.2	80.8	1,147.6	5,989.5	357.2
Sacramento	975	29.0	1,178.1	19.2	37.8	598.2	3,443.8	196.4
San Benito	77	2.6	91.7	1.9	3.7	55.1	248.8	10.9
San Bernardino	2,177	65.6	2,218.7	49.8	99.2	1,410.4	7,234.8	567.5
San Diego	3,473	117.1	4,915.5	68.5	132.2	2,118.1	14,187.1	1,116.3
San Francisco	932	15.6	488.7	10.5	20.0	265.5	1,818.1	38.4
San Joaquin	609	23.3	844.3	17.7	35.6	579.6	3,515.5	220.4
San Luis Obispo	383	6.9	245.3	4.4	8.3	121.9	615.0	59.2
San Mateo	858	29.3	1,476.1	14.4	27.5	499.5	5,814.3	392.5
Santa Barbara	532	15.3	692.3	8.0	15.5	263.6	1,773.5	121.6
Santa Clara	2,981	171.0	10,056.6	73.0	135.6	2,883.9	26,640.1	2,549.2
Santa Cruz	377	6.7	250.3	4.6	8.3	129.7	617.3	31.3
Shasta	178	3.3	115.8	2.5	5.2	77.0	262.6	d/
Siskiyou	40	0.8	24.9	0.6	1.3	17.6	80.6	7.8
Solano	303	10.2	428.6	7.2	13.4	252.5	1,779.5	164.6
Sonoma	874	26.7	1,183.3	15.4	30.4	559.4	3,437.2	190.3
Stanislaus	488	24.5	913.0	18.7	36.6	540.8	3,284.2	153.2
Sutter	76	1.8	59.6	1.4	2.6	35.0	394.5	21.7
Tehama	56	2.5	79.3	2.1	4.4	60.8	180.5	7.1
Tulare	293	11.3	371.7	8.8	16.9	246.7	1,262.1	75.0
Tuolumne	81	1.2	39.3	0.9	1.7	26.9	105.0	5.4
Ventura	1,051	33.1	1,314.9	22.5	45.4	674.6	4,525.3	259.3
Yolo	176	6.0	226.3	4.1	8.0	130.1	627.4	28.5
Yuba	46	1.3	38.3	1.1	2.3	28.0	126.8	3.2

a/ Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products.
The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.
b/ Comparability between census years may be limited.
c/ Only counties with 500 employees or more are shown, therefore county data will not add to State total.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-6

WHOLESALE TRADE IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Total: Number of establishments c/	Total: Sales ($1,000)	Total: Annual payroll ($1,000)	Merchant wholesalers: Number of establishments c/	Merchant wholesalers: Sales ($1,000)	Manufacturers' sales branches & sales offices: Number of establishments c/	Manufacturers' sales branches & sales offices: Sales ($1,000)
42	Wholesale trade	58,770	$655,954,708	$39,060,893	53,632	$410,148,477	1,952	$191,465,594
423	Durable goods merchant wholesalers	34,865	389,837,607	25,517,639	33,632	249,393,648	1,233	140,443,959
4231	Motor vehicle & motor vehicle parts & supplies	3,265	139,703,408	1,897,858	3,190	51,026,053	75	88,677,355
4232	Furniture & home furnishings	2,254	10,616,763	1,061,915	2,216	9,181,835	38	1,434,928
4233	Lumber & other construction materials	1,673	10,072,626	944,603	1,556	8,808,591	117	1,264,035
4234	Professional & commercial equipment & supplies	5,961	80,253,183	7,364,329	5,748	56,640,053	213	23,613,130
4235	Metal & mineral (except petroleum)	1,215	d/	d/	1,148	d/	67	d/
4236	Electrical & electronic goods	5,905	73,524,570	7,693,387	5,552	57,292,311	353	16,232,259
4237	Hardware, & plumbing & heating equipment & supplies	2,093	9,770,865	1,035,077	2,044	8,510,793	49	1,260,072
4238	Machinery, equipment, & supplies	6,250	28,215,359	2,835,265	5,966	22,284,618	284	5,930,741
4239	Miscellaneous durable goods	6,249	d/	d/	6,212	d/	37	d/
424	Nondurable goods merchant wholesalers	20,719	211,776,464	12,366,473	20,000	160,754,829	719	51,021,635
4241	Paper & paper product	1,676	11,902,205	1,011,850	1,571	8,875,507	105	3,026,698
4242	Drugs & druggists' sundries	1,282	34,136,780	1,836,916	1,244	26,128,652	38	8,008,128
4243	Apparel, piece goods, & notions	4,433	19,417,682	1,527,814	4,401	18,623,239	32	794,443
4244	Grocery & related products	5,397	69,228,241	4,032,702	5,149	56,379,147	248	12,849,094
4245	Farm-product raw material	320	2,884,259	93,018	320	2,884,259	n.a.	n.a.
4246	Chemical & allied products	1,501	7,412,891	645,928	1,396	5,741,116	105	1,671,775
4247	Petroleum & petroleum products	555	32,399,472	429,013	490	d/	65	d/
4248	Beer, wine, & distilled alcoholic beverage	511	12,071,042	942,128	490	d/	21	d/
4249	Miscellaneous nondurable goods	5,044	22,323,892	1,847,104	4,939	d/	105	d/
425	Wholesale electronic markets & agents & brokers	3,186	54,340,637	1,176,781	n.a.	n.a.	n.a.	n.a.

a/ Although wholesaling normally denotes sales in large volumes, durable nonconsumer goods may be sold in single units.
Sales of capital or durable nonconsumer goods used in the production of goods & services, such as farm machinery, medium & heavy duty trucks, & industrial machinery, are always included in wholesale trade.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
n.a. Not available or not comparable.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-7

RETAIL TRADE IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Sales ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
44-45	Retail trade, total	108,941	$359,120,365	$37,282,032	1,525,113
441	Motor vehicle & parts dealers	11,225	95,921,522	8,133,761	206,057
4411	Automobile dealers	3,792	83,474,887	6,308,672	138,772
4412	Other motor vehicle dealers	1,377	5,256,663	533,683	15,750
4413	Automotive parts, accessories, & tire stores	6,056	7,189,972	1,291,406	51,535
442	Furniture & home furnishings stores	7,182	11,605,138	1,581,269	62,935
4421	Furniture stores	3,066	5,968,647	772,250	24,910
4422	Home furnishings stores	4,116	5,636,491	809,019	38,025
443	Electronics & appliance stores	5,517	13,186,464	1,453,213	54,254
44311	Appliance, television, & other electronics stores	3,816	9,065,075	1,030,312	38,430
44312	Computer & software stores	1,325	3,709,946	361,507	13,365
44313	Camera & photographic supplies stores	376	411,443	61,394	2,459
444	Building material & garden equipment & supplies dealers	7,009	26,780,341	3,263,804	118,103
4441	Building materials & supplies dealers	5,606	24,515,132	2,931,252	105,000
4442	Lawn & garden equipment & supplies stores	1,403	2,265,209	332,552	13,103
445	Food & beverage stores	16,145	60,243,253	6,858,186	291,687
4451	Grocery stores	9,928	55,956,411	6,407,414	263,645
4452	Specialty food stores	2,981	2,008,082	287,331	17,886
4453	Beer, wine, & liquor stores	3,236	2,278,760	163,441	10,156
446	Health & personal care stores	8,453	20,744,273	2,869,382	113,541
44611	Pharmacies & drug stores	4,011	17,635,808	2,298,226	86,779
44612	Cosmetics, beauty supplies, & perfume stores	1,392	876,708	130,283	8,876
44613	Optical goods stores	1,027	610,260	151,135	6,179
44619	Other health & personal care stores	2,023	1,621,497	289,738	11,707
447	Gasoline stations	8,250	23,421,136	1,049,710	64,696
44711	Gasoline stations with convenience stores	5,768	16,480,635	724,408	46,459
44719	Other gasoline stations	2,482	6,940,501	325,302	18,237
448	Clothing & clothing accessories stores	17,067	22,661,146	3,006,500	170,997
4481	Clothing stores	10,427	16,692,955	2,221,550	131,395
4482	Shoe stores	3,193	2,789,804	341,430	22,641
4483	Jewelry, luggage, & leather goods stores	3,447	3,178,387	443,520	16,961
451	Sporting goods, hobby, book, & music stores	6,938	9,789,031	1,188,742	80,539
4511	Sporting goods, hobby, & musical instrument stores	4,685	6,527,773	793,664	51,021
4512	Book, periodical, & music stores	2,253	3,261,258	395,078	29,518
452	General merchandise stores	2,512	46,696,215	4,165,077	218,982
4521	Department stores	913	29,173,355	2,984,722	166,449
4529	Other general merchandise stores	1,599	17,522,860	1,180,355	52,533
453	Miscellaneous store retailers	13,219	10,786,260	1,530,355	87,657
4531	Florists	1,943	640,475	130,876	9,821
4532	Office supplies, stationery, & gift stores	4,707	4,843,962	604,380	37,067
4533	Used merchandise stores	1,938	1,097,496	250,525	15,156
4539	Other miscellaneous store retailers	4,631	4,204,327	544,574	25,613
454	Nonstore retailers	5,424	17,285,586	2,182,033	55,665
4541	Electronic shopping & mail-order houses	2,469	13,406,980	1,526,163	32,394
4542	Vending machine operators	412	496,613	96,705	3,710
4543	Direct selling establishments	2,543	3,381,993	559,165	19,561

a/ Excludes governmental organizations classified in the covered industries except for liquor stores operated by state & local governments. Data for direct sellers with no paid employees & post exchanges, ship stores, & similar establishments operated on military posts by agencies of the federal government are not included.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-8

RETAIL TRADE IN CALIFORNIA COUNTIES a/
2002 ECONOMIC CENSUS b/

County	Number of establish-ments c/	Sales ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
Alameda	4,420	$16,512,174	$1,717,901	66,883
Alpine	8	1,621	273	25
Amador	167	1,641,687	42,918	1,802
Butte	770	2,027,431	218,363	10,644
Calaveras	147	208,310	22,713	1,211
Colusa	64	130,093	8,858	541
Contra Costa	2,701	10,108,546	1,120,290	44,011
Del Norte	73	135,822	13,759	913
El Dorado	571	1,186,870	130,339	5,507
Fresno	2,475	7,258,766	722,793	32,591
Glenn	81	130,271	14,348	722
Humboldt	661	1,321,439	139,479	7,107
Imperial	481	1,345,422	130,279	6,423
Inyo	123	219,799	22,219	1,113
Kern	1,909	5,601,117	538,609	25,134
Kings	307	723,565	74,461	3,530
Lake	189	423,825	42,066	2,095
Lassen	91	191,436	17,301	926
Los Angeles	28,636	92,100,128	9,229,786	378,933
Madera	334	705,181	69,483	3,500
Marin	1,206	3,731,456	422,794	16,322
Mariposa	70	70,920	7,222	357
Mendocino	495	910,183	104,929	4,930
Merced	544	1,602,352	151,846	6,975
Modoc	43	43,369	3,982	276
Mono	93	143,720	16,801	891
Monterey	1,542	4,063,394	425,034	17,811
Napa	551	1,390,394	161,712	6,618
Nevada	440	884,272	105,905	4,596
Orange	9,559	35,736,615	3,635,226	143,342
Placer	1,123	4,778,965	454,030	17,517
Plumas	114	148,285	14,819	715
Riverside	4,437	16,301,196	1,609,914	66,601
Sacramento	3,739	13,730,077	1,454,453	60,085
San Benito	137	385,890	41,587	1,680
San Bernardino	4,439	15,969,020	1,555,857	66,929
San Diego	9,486	31,586,056	3,318,560	138,363
San Francisco	3,654	8,883,316	1,077,957	42,032
San Joaquin	1,661	5,473,782	535,366	23,716
San Luis Obispo	1,205	2,668,485	287,580	13,634
San Mateo	2,221	9,017,029	1,041,528	37,729
Santa Barbara	1,633	4,311,187	473,138	20,685
Santa Clara	5,140	20,035,462	2,492,253	83,670
Santa Cruz	979	2,618,480	278,683	12,714
Shasta	705	1,972,157	202,352	8,904
Sierra	15	11,757	1,329	66
Siskiyou	231	311,163	32,740	1,855
Solano	1,124	4,155,519	423,354	17,882
Sonoma	1,870	5,731,948	646,266	26,106
Stanislaus	1,433	4,918,690	494,669	21,925
Sutter	282	820,540	81,552	3,996
Tehama	184	522,436	44,721	2,003
Trinity	52	59,346	6,078	376
Tulare	1,059	2,930,759	278,433	13,275
Tuolumne	230	482,649	51,584	2,532
Ventura	2,429	9,024,777	897,092	36,622
Yolo	466	1,426,316	148,133	6,480
Yuba	142	294,900	26,315	1,292
Statewide	108,941	$359,120,365	$37,282,032	1,525,113

a/ Excludes governmental organizations classified in the covered industries except for liquor stores operated by state and local governments. Data for direct sellers with no paid employees and post exchanges, ship stores, and similar establishments operated on military posts by agencies of the federal government are not included.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-9

TRANSPORTATION AND WAREHOUSING INDUSTRIES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
48-49	Transportation & warehousing	19,012	$45,507,276	$13,129,272	397,266
481	Air transportation	445	4,072,361	508,047	13,711
4811	Scheduled air transportation	224	3,302,077	362,828	10,698
4812	Nonscheduled air transportation	221	770,284	145,219	3,013
483	Water transportation	136	2,750,471	303,895	6,171
4831	Deep sea, coastal, & Great Lakes water transportation	111	2,707,126	287,582	5,747
4832	Inland water transportation	25	43,345	16,313	424
484	Truck transportation	9,160	13,856,400	3,996,509	121,371
4841	General freight trucking	4,389	8,471,927	2,640,844	76,855
4842	Specialized freight trucking	4,771	5,384,473	1,355,665	44,516
485	Transit & ground passenger transportation	1,473	2,170,213	855,266	40,415
4851	Urban transit systems	185	456,712	253,447	9,735
4852	Interurban & rural bus transportation	45	72,266	14,619	823
4853	Taxi & limousine service	626	478,074	132,637	7,205
4854	School & employee bus transportation	123	411,196	183,492	9,652
4855	Charter bus industry	146	238,352	78,269	4,142
4859	Other transit & ground passenger transportation	348	513,613	192,802	8,858
486	Pipeline transportation	41	436,388	54,625	912
4861	Pipeline transportation of crude oil	19	269,121	41,048	674
4869	Other pipeline transportation	17	d/	d/	e/
487	Scenic & sightseeing transportation	273	209,107	57,188	2,953
4871	Scenic & sightseeing transportation, land	62	52,871	15,765	699
4872	Scenic & sightseeing transportation, water	196	147,903	39,104	2,147
4879	Scenic & sightseeing transportation, other	15	8,333	2,319	107
488	Support activities for transportation	4,509	9,758,106	2,441,602	64,843
4881	Support activities for air transportation	586	2,260,541	592,155	18,193
4882	Support activities for rail transportation	53	150,613	63,579	1,845
4883	Support activities for water transportation	168	1,846,607	330,618	5,789
4884	Support activities for road transportation	1,228	909,355	324,496	11,874
4885	Freight transportation arrangement	2,321	4,451,023	1,086,694	25,508
4889	Other support activities for transportation	153	139,967	44,060	1,634
492	Couriers & messengers	1,486	9,711,576	2,601,695	86,871
4921	Couriers	883	9,236,771	2,436,100	78,077
4922	Local messengers & local delivery	603	474,805	165,595	8,794
493	Warehousing & storage	1,489	2,542,654	2,310,445	60,019
49311	General warehousing & storage	973	1,696,462	1,650,747	42,471
49312	Refrigerated warehousing & storage	177	519,089	258,523	6,783
49313	Farm product warehousing & storage	68	113,347	44,544	1,107
49319	Other warehousing & storage	271	213,756	356,631	9,658

a/ Excludes establishments primarily engaged in providing travel agent services that support transportation & other establishments, such as hotels, businesses, & government agencies.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
e/ 100 to 249 employees.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-10

INFORMATION SERVICES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
51	Information	20,484	n.a.	$35,120,863	563,841
511	Publishing industries (except Internet)	4,465	$39,483,025	12,479,117	168,096
5111	Newspaper, periodical, book, & database publishers	2,475	14,675,006	3,186,802	73,050
51111	Newspaper publishers	679	5,299,479	1,530,719	40,780
51112	Periodical publishers	953	3,897,608	848,472	16,418
51113	Book publishers	463	2,540,251	427,552	8,448
51114	Directory & mailing list publishers	223	2,292,541	301,709	5,620
51119	Other publishers	157	645,127	78,350	1,784
5112	Software publishers	1,990	24,808,019	9,292,315	95,046
512	Motion picture & sound recording industries	6,645	n.a.	7,320,701	117,901
5121	Motion picture & video industries	5,850	n.a.	6,498,700	108,073
51211	Motion picture & video production	4,148	d/	5,186,938	69,820
51212	Motion picture & video distribution	202	d/	87,030	1,519
51213	Motion picture & video exhibition	648	1,939,056	227,639	20,951
51219	Postproduction & other motion picture & video industries	852	2,829,440	997,093	15,783
5122	Sound recording industries	795	n.a.	822,001	9,828
51221	Record production	94	119,719	24,153	417
51222	Integrated record production/distribution	110	d/	566,741	4,995
51223	Music publishers	173	1,023,928	95,143	1,515
51224	Sound recording studios	331	255,857	102,108	1,956
51229	Other sound recording industries	87	95,422	33,856	945
515	Broadcasting (except Internet)	899	12,114,850	2,096,306	36,348
5151	Radio & television broadcasting	806	8,136,580	1,707,973	30,991
51511	Radio broadcasting	583	2,400,022	656,228	14,123
51512	Television broadcasting	223	5,736,558	1,051,745	16,868
5152	Cable & other subscription programming	93	3,978,270	388,333	5,357
516	Internet publishing & broadcasting	441	1,445,405	515,068	8,784
517	Telecommunications	4,983	n.a.	8,224,287	151,149
5171	Wired telecommunications carriers	2,650	d/	5,327,093	84,077
5172	Wireless telecommunications carriers (except satellite)	1,242	d/	1,509,598	30,114
5173	Telecommunications resellers	323	1,087,828	166,031	4,184
5174	Satellite telecommunications	87	630,430	68,131	1,066
5175	Cable & other program distribution	604	d/	1,051,861	30,093
5179	Other telecommunications	77	263,506	101,573	1,615
518	Internet service providers, web search portals, & data processing services	2,808	12,415,051	4,319,922	76,323
5181	Internet service providers, web search portals	825	4,881,468	1,393,658	19,607
5182	Data processing, hosting, & related services	1,983	7,533,583	2,926,264	56,716
519	Other information services	243	484,906	165,462	5,240
51911	News syndicates	90	225,861	73,860	1,415
51912	Libraries & archives	115	93,405	34,274	1,147
51919	All other information services	38	165,640	57,328	2,678

a/ The Information sector groups three types of establishments: (1) those engaged in producing & distributing information & cultural products; (2) those that provide the means to transmit or distribute these products as well as data or communications; & (3) those that process data. The unique characteristics of information & cultural products, & of the processes involved in their production & distribution, distinguish the Information sector from the goods-producing & service-producing sectors.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Receipts not collected at this level of detail for multiestablishment firms.
n.a. Not available or not comparable.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-11

FINANCE AND INSURANCE INDUSTRIES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
52	Finance & insurance	45,981	n.a.	$42,647,825	681,626
521	Monetary authorities-central bank	2	$2,174,925	122,583	1,947
522	Credit intermediation & related activities	19,912	n.a.	17,243,114	344,949
5221	Depository credit intermediation	9,510	n.a.	9,080,338	204,841
52211	Commercial banking	5,807	g/	6,537,759	143,940
52212	Savings institutions	2,225	g/	1,508,502	35,640
52213	Credit unions	1,378	5,616,964	892,585	23,453
52219	Other depository credit intermediation	100	642,102	141,492	1,808
5222	Nondepository credit intermediation	4,973	38,255,679	6,060,890	101,467
52221	Credit card issuing	37	280,148	50,322	1,095
52222	Sales financing	745	10,882,809	1,323,208	29,558
52229	Other nondepository credit intermediation	4,191	27,092,722	4,687,360	70,814
5223	Activities related to credit intermediation	5,429	9,198,403	2,101,886	38,641
52231	Mortgage & nonmortgage loan brokers	3,105	3,417,065	946,069	16,455
52232	Financial transactions processing, reserve, & clearinghouse activities	545	4,628,461	845,560	12,423
52239	Other activities related to credit intermediation	1,779	1,152,877	310,257	9,763
523	Securities, commodity contracts, other financial investments, & related activities	9,396	30,460,421	11,694,035	90,024
5231	Securities & commodity contracts intermediation & brokerage	3,898	16,708,947	6,832,764	48,924
5232	Securities & commodity exchanges	5	d/	d/	e/
5239	Other financial investment activities	5,493	d/	d/	f/
524	Insurance carriers & related activities	16,262	n.a.	13,376,245	241,894
5241	Insurance carriers	3,128	g/	8,681,102	151,043
5242	Agencies, brokerages, & other insurance related activities	13,134	13,650,643	4,695,143	90,851
525	Funds, trusts, & other financial vehicles (part)	409	3,899,633	211,848	2,812

a/ Among depository institutions & insurance carriers, many locations with activities which might in other industries be considered as support or auxiliary activites (such as headquarters operations), are included in this report as operating locations.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.
d/ Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
e/ 100 to 249 employees.
f/ 25,000 to 49,999 employees.
g/ Revenue not collected at this level of detail for multiestablishment firms.
n.a. Not available or not comparable

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-12

REAL ESTATE AND RENTAL AND LEASING IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
53	Real estate & rental & leasing	42,315	$54,377,915	$9,543,778	273,899
531	Real estate	34,740	37,025,891	6,828,840	191,762
5311	Lessors of real estate	15,311	19,189,186	2,036,173	69,904
5312	Offices of real estate agents & brokers	9,498	10,701,423	1,635,884	37,993
5313	Activities related to real estate	9,931	7,135,282	3,156,783	83,865
532	Rental & leasing services	7,283	15,470,874	2,463,955	78,514
5321	Automotive equipment rental & leasing	1,441	4,471,479	708,100	22,392
5322	Consumer goods rental	3,560	2,514,924	573,435	29,349
5323	General rental centers	433	334,313	92,745	3,206
5324	Commercial & industrial machinery & equipment rental & leasing	1,849	8,150,158	1,089,675	23,567
533	Lessors of nonfinancial intangible assets, except copyrighted works	292	1,881,150	250,983	3,623

a/ Real Estate Investment Trusts or REITs are classified in Subsector 525: Funds, Trusts, & Other Financial Vehicles because they are considered investment vehicles. Establishments renting or leasing equipment with operators are classified in various subsectors depending on the nature of services provided. These activities are excluded from this sector because the client is paying for the expertise & knowledge of the equipment operator, in addition to the use of equipment.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-13

PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
AND MANAGEMENT OF COMPANIES AND ENTERPRISES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
54-55	Professional, scientific, & technical services; management of companies & enterprises	105,041	$152,377,975	$81,443,908	1,432,044
5411	Legal services	21,623	26,125,607	10,009,395	145,441
54111	Offices of lawyers	20,857	25,103,785	9,646,175	137,739
54119	Other legal services	766	1,021,822	363,220	7,702
5412	Accounting, tax preparation, bookkeeping, & payroll services	14,373	19,404,546	9,893,777	361,239
5413	Architectural, engineering, & related services	14,097	24,755,665	9,827,221	162,681
54131	Architectural services	3,404	4,246,445	1,547,556	27,238
54132	Landscape architectural services	899	753,337	283,745	7,516
54133	Engineering services	7,735	17,598,858	7,112,234	108,838
54134	Drafting services	248	88,612	34,671	916
54135	Building inspection services	412	178,028	66,542	1,620
54136	Geophysical surveying & mapping services	57	40,514	16,872	417
54137	Surveying & mapping (except geophysical) services	530	338,474	155,724	3,102
54138	Testing laboratories	812	1,511,397	609,877	13,034
5414	Specialized design services	4,417	3,010,306	863,220	18,908
54141	Interior design services	1,453	1,207,160	250,983	6,014
54142	Industrial design services	310	258,950	100,764	1,776
54143	Graphic design services	2,306	1,384,092	464,526	9,724
54149	Other specialized design services	348	160,104	46,947	1,394
5415	Computer systems design & related services	15,166	29,449,422	12,801,250	158,820
541511	Custom computer programming services	7,737	12,275,504	6,378,587	80,337
541512	Computer systems design services	5,237	14,193,911	5,081,684	58,114
5415121	Computer systems integrators	2,021	5,547,592	2,093,397	29,233
5415122	Computer systems consultants	3,216	8,646,319	2,988,287	28,881
541513	Computer facilities management services	542	1,424,922	588,417	8,806
541519	Other computer related services	1,650	1,555,085	752,562	11,563
5416	Management, scientific, & technical consulting services	14,876	13,884,306	5,536,610	93,130
54161	Management consulting services	11,581	11,518,355	4,612,393	75,513
54162	Environmental consulting services	1,140	1,118,378	442,607	8,772
54169	Other scientific & technical consulting services	2,155	1,247,573	481,610	8,845
5417	Scientific research & development services	3,037	14,925,414	8,517,543	105,670
54171	R&D in the physical, engineering, & life sciences	2,700	14,224,570	8,094,683	99,048
54172	Research & development in the social sciences & humanities	337	700,844	422,860	6,622
5418	Advertising & related services	5,094	8,084,421	2,794,246	59,978
54181	Advertising agencies	1,583	2,765,028	1,274,920	18,925
54182	Public relations agencies	1,140	1,041,778	413,860	7,064
54183	Media buying services	162	281,126	124,130	2,040
54184	Media representatives	374	523,674	175,695	3,141
54185	Display advertising	296	770,981	143,304	3,349
54186	Direct mail advertising	509	1,360,401	349,339	9,750
54187	Advertising material distribution services	95	232,836	43,413	1,503
54189	Other services related to advertising	935	1,108,597	269,585	14,206
5419	Other professional, scientific, & technical services	7,601	5,596,411	1,752,675	58,439
54191	Marketing research & public opinion polling	798	1,512,493	527,577	14,176
54192	Photographic services	2,047	861,178	191,183	9,470
54193	Translation & interpretation services	283	196,658	57,360	1,707
54194	Veterinary services	2,445	1,948,390	660,464	24,733
54199	All other professional, scientific, & technical services	2,028	1,077,692	316,091	8,353
55	Management of companies & enterprises	4,757	7,141,877	19,447,971	267,738
551111	Offices of bank holding companies	71	1,155,155	67,522	980
551112	Offices of other holding companies	774	1,395,786	592,347	7,673
551114	Corporate, subsidiary, & regional managing offices	3,912	4,590,936	18,788,102	259,085

a/ Excludes establishments primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing & recordkeeping, personnel, & physical distribution & logistics.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-14

ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
56	Administrative & support & waste management & remediation services	40,740	$55,567,699	$25,785,770	1,013,925
561	Administrative & support services	39,280	49,140,442	24,236,172	975,020
5611	Office administrative services	2,915	4,350,961	1,931,995	49,503
5612	Facilities support services	375	1,167,132	530,866	15,265
5613	Employment services	5,065	15,042,494	10,925,700	431,443
5614	Business support services	4,875	5,807,918	1,896,772	73,566
5615	Travel arrangement & reservation services	4,080	3,116,734	1,222,296	36,912
5616	Investigation & security services	3,305	4,866,032	2,495,768	121,163
5617	Services to buildings & dwellings	16,006	10,799,574	4,159,251	207,321
5619	Other support services	2,659	3,989,597	1,073,524	39,847
562	Waste management & remediation services	1,460	6,427,257	1,549,598	38,905
5621	Waste collection	689	4,289,963	990,461	23,509
5622	Waste treatment & disposal	171	968,249	194,834	4,035
5629	Remediation & other waste management services	600	1,169,045	364,303	11,361

a/ The administrative & management activities in this sector are typically on a contract or fee basis. These activities may also be performed by establishments that are part of the company or enterprise. However, establishments involved in administering, overseeing, & managing other establishments of the company or enterprise are classified in Section 55: Management of Companies & Enterprises. Government establishments engaged in administering, overseeing, & managing governmental programs are classified in Section 92: Public Administration.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-15

EDUCATIONAL SERVICES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
61	Educational services	6,706	$4,270,794	$1,485,433	62,843
6114	Business schools, & computer & management training	1,057	997,313	348,552	8,576
61141	Business & secretarial schools	79	72,537	26,818	1,002
61142	Computer training	386	385,618	135,541	3,670
61143	Professional & management development training	592	539,158	186,193	3,904
6115	Technical & trade schools	1,024	1,035,690	360,044	12,691
611511	Beauty & cosmetology schools	176	83,775	28,185	1,162
611512	Flight training	138	181,873	49,862	1,722
611513	Apprenticeship training	184	165,009	56,311	2,036
611519	Other technical & trade schools	526	605,033	225,686	7,771
6116	Other schools & instruction	3,944	1,660,271	591,523	35,399
61161	Fine arts schools	1,015	299,884	100,352	7,447
61162	Sports & recreation instruction	1,050	364,475	113,672	7,283
61163	Language schools	253	239,592	85,382	3,977
61169	All other schools & instruction	1,626	756,320	292,117	16,692
6117	Educational support services	681	577,520	185,314	6,177

a/ These establishments may be privately owned & operated for profit or not for profit, or they may be publicly owned & operated. They may also offer food & accommodation services to their students.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-16

HEALTH CARE AND SOCIAL ASSISTANCE IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
62	Health care & social assistance	88,249	$136,397,384	$51,786,504	1,434,479
621	Ambulatory health care services	63,903	60,317,860	22,485,566	533,080
6211	Offices of physicians	26,039	30,922,790	12,458,153	220,872
6212	Offices of dentists	17,773	10,387,892	3,411,203	104,574
6213	Offices of other health practitioners	12,799	4,636,913	1,507,665	56,432
6214	Outpatient care centers	2,843	6,098,258	1,990,173	56,712
6215	Medical & diagnostic laboratories	1,903	3,943,177	1,283,519	28,945
6216	Home health care services	1,764	2,256,837	1,082,645	42,125
6219	Other ambulatory health care services	782	2,071,993	752,208	23,420
622	Hospitals	498	52,235,007	19,926,879	459,037
6221	General medical & surgical hospitals	419	50,077,397	18,828,847	433,861
6222	Psychiatric & substance abuse hospitals	50	1,279,578	749,033	16,914
6223	Specialty hospitals	29	878,032	348,999	8,262
623	Nursing & residential care facilities	8,142	11,114,786	4,951,604	227,188
6231	Nursing care facilities	1,519	5,352,780	2,578,588	109,965
6232	Residential mental retardation, mental health & substance abuse facilities	2,717	1,619,938	729,959	36,775
6233	Community care facilities for the elderly	2,829	2,948,587	1,051,260	56,569
6239	Other residential care facilities	1,077	1,193,481	591,797	23,879
624	Social assistance	15,706	12,729,731	4,422,455	215,174
6241	Individual & family services	5,684	7,212,201	2,266,965	100,980
6242	Community food & housing, & emergency & other relief services	1,238	1,586,459	415,543	16,805
6243	Vocational rehabilitation services	1,183	1,379,856	622,632	34,403
6244	Child day care services	7,601	2,551,215	1,117,315	62,986

a/ Excludes aerobic classes & nonmedical diet & weight reducing centers. Although these can be viewed as health services, these services are not typically delivered by health practitioners.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-17

ARTS, ENTERTAINMENT, AND RECREATION INDUSTRIES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
71	Arts, entertainment, & recreation	16,453	$26,292,138	$9,726,104	287,157
711	Performing arts, spectator sports, & related industries	10,468	13,278,399	6,027,698	84,407
7111	Performing arts companies	1,659	2,021,467	649,414	25,303
7112	Spectator sports	513	2,757,486	1,348,898	12,218
7113	Promoters of performing arts, sports, & similar events	675	1,085,984	268,282	10,439
7114	Agents & managers for artists, athletes, entertainers & other public figures	972	1,607,360	723,122	7,192
7115	Independent artists, writers, & performers	6,649	5,806,102	3,037,982	29,255
712	Museums, historical sites, & similar institutions	557	1,062,810	375,591	13,182
71211	Museums	401	709,434	245,751	8,234
71212	Historical sites	52	44,152	15,649	885
71213	Zoos & botanical gardens	46	272,488	105,438	3,687
71219	Nature parks & other similar institutions	58	36,736	8,753	376
713	Amusement, gambling, & recreation industries	5,428	11,950,929	3,322,815	189,568
7131	Amusement parks & arcades	269	1,939,244	510,975	29,318
7132	Gambling industries	152	4,270,029	964,379	37,997
7139	Other amusement & recreation services	5,007	5,741,656	1,847,461	122,253

a/ Excluded from this sector are: (1) establishments that provide both accommodations & recreational facilities, such as hunting & fishing camps & resort & casino hotels; (2) restaurants & night clubs that provide live entertainment in addition to the sale of food & beverages; (3) motion picture theaters, libraries & archives, & publishers of newspapers, magazines, books, periodicals, & computer software; & (4) establishments using transportation equipment to provide recreational & entertainment services, such as those operating sightseeing buses, dinner cruises, or helicopter rides.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-18

ACCOMMODATION AND FOOD SERVICES IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Sales ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
72	Accommodation & foodservices	66,568	$55,559,669	$15,830,563	1,145,536
721	Accommodation	6,489	14,204,481	3,852,630	194,745
7211	Traveler accommodation	5,501	13,718,054	3,722,204	188,185
72111	Hotels & motels	5,020	12,951,728	3,558,998	179,676
72112	Casino hotels	4	597,910	121,717	5,694
72119	Other traveler accommodation	477	168,416	41,489	2,815
7212	RV (recreational vehicle) parks & recreational camps	678	394,414	105,751	5,064
7213	Rooming & boarding houses	310	92,013	24,675	1,496
722	Food services & drinking places	60,079	41,355,188	11,977,933	950,791
7221	Full-service restaurants	23,277	18,579,522	6,045,398	440,944
7222	Limited-service eating places	29,983	18,632,544	4,770,864	428,313
7223	Special food services	3,050	2,771,103	834,374	50,538
7224	Drinking places (alcoholic beverages)	3,769	1,372,019	327,297	30,996

a/ Excludes governmental organizations classified in the covered industries & recreation or entertainment facilities providing food & beverage services.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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TABLE Q-19

OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION) IN CALIFORNIA a/
2002 ECONOMIC CENSUS b/

NAICS code	Kind of business	Number of establish-ments c/	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees for week including March 12
81	Other services (except public administration)	57,177	$36,473,144	$9,939,702	405,030
811	Repair & maintenance	26,509	16,050,527	4,722,320	166,205
8111	Automotive repair & maintenance	19,882	10,630,620	3,018,645	116,979
8112	Electronic & precision equipment repair & maintenance	1,851	2,442,734	790,294	19,812
8113	Commercial & industrial machinery & equipment (except automotive & electronic repair & maintenance)	2,124	1,812,794	566,451	15,622
8114	Personal & household goods repair & maintenance	2,652	1,164,379	346,930	13,792
812	Personal & laundry services	20,700	9,003,805	2,560,013	141,874
8121	Personal care services	9,448	2,187,705	715,312	49,818
8122	Death care services	1,021	1,191,549	319,345	11,291
8123	Drycleaning & laundry services	4,931	2,719,997	784,711	40,068
8129	Other personal services	5,300	2,904,554	740,645	40,697
813	Religious, grantmaking, civic, professional, & similar organizations	9,968	11,418,812	2,657,369	96,951
8132	Grantmaking & giving services	1,707	5,469,222	800,266	24,765
8133	Social advocacy organizations	1,486	1,280,617	379,277	13,666
8134	Civic & social organizations	2,572	1,212,187	445,980	28,378
8139	Business, professional, labor, political, & similar organizations	4,203	3,456,786	1,031,846	30,142

a/ These establishments generally do not produce any products nor provide services for customers outside the enterprise, but may do so as a secondary activity.
b/ Comparability between census years may be limited.
c/ Establishments with payroll.

Source: U.S. Department of Commerce, Bureau of the Census, http://www.census.gov/

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STANISLAUS COUNTY

Agricultural Crop Report

2012

The 2012 Stanislaus County Agricultural Crop Report is dedicated to

Gary Caseri

Gary served as Agricultural Commissioner and Sealer of Weights and Measures for Stanislaus County from March 2008 until his retirement in March of 2013.

Gary began his official service to the California agricultural community in 1977 when he began employment with the State of California, Department of Food and Agriculture as a seasonal pest detection trapper. In 1978, he began working for Merced County as an Agricultural Biologist. He was promoted to Deputy Agricultural Commissioner in 1987 and Assistant Agricultural Commissioner/ Sealer in 1989. In 2001, Gary accepted the position of the Agricultural Commissioner and Sealer of Weights & Measures for Tuolumne County where he also served as the Air Pollution Control Officer and the Director of Animal Control. Gary was appointed as the Stanislaus County Agricultural Commissioner and Sealer of Weights & Measures in March of 2008.

We thank Gary for his leadership, his dedicated service to our County and for his devotion to agriculture.

STANISLAUS COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

2012 ANNUAL CROP REPORT

The Honorable Board of Supervisors
County of Stanislaus

William O'Brien	Supervisor District 1
Vito Chiesa, Chairman	Supervisor District 2
Terry Withrow	Supervisor District 3
Dick Monteith	Supervisor District 4
Jim DeMartini, Vice-Chairman	Supervisor District 5

Monica Nino
Chief Executive Officer

Milton O'Haire
Agricultural Commissioner/Sealer

CALIFORNIA ALMONDS

The almond tree, native to the Middle East region was first planted in California's coastal areas by Spanish padres near Franciscan missions in the mid 1700's. The moist, cool weather of the coastal areas, however, did not provide optimum growing conditions. In the 1800's, growers seeking a more favourable growing climate began planting almond trees further inland leading to almonds eventually being planted in the San Joaquin Valley.

During the 1800's some of today's prominent almond varieties were being developed through research and crossbreeding. By the turn of the 20th century, the almond industry was firmly established in the Central Valley. However, almonds from Spain and Italy continued to dominate world markets. Production increased after World War I and growers began to mechanize to compete with hand shelling and very low wages in Spain and Italy.

In 1941, production from almond orchards in Stanislaus County averaged just 300 pounds per acre with growers receiving $0.26/lb for their crop. From 1941 to 1960 the County's almond acreage increased slowly to just under 7,000 acres in 1960.

In the 1950's the industry experienced advances in many areas connected to growing and harvesting almonds, from changes in irrigation practices to the use of mechanical harvesting equipment and sprayers. The University of California helped growers improve their cultural practices resulting in higher yields and better profits. In Stanislaus County, as in other almond growing areas in California, acreage increased rapidly from the early 1960's through the 1980's.

With the United States as the largest market in the world for almonds, California almond growers now produce nearly 100% of the domestic almond supply and account for over 75% of the worldwide production. Stanislaus County is one of California's top almond producing counties with more than 155,000 acres, 20% of the acres in the State. Stanislaus County currently has more than 1,200 almond growers and yields regularly exceed 2,000 pounds per acre. More than 30 local export companies shipped over 235 million pounds of almonds to international markets in 2012.

It took more than 100 years for the almond to become the number two crop in Stanislaus County, a position it has held consistently since 1992. Although many challenges lay ahead for the agricultural community, such as water availability, water quality, land use issues, and pest and disease pressures, the almond industry has met past challenges and now stands at the threshold of being the number one agricultural commodity in Stanislaus County. Only time will tell whether or not almonds will become the top crop, but one thing is certain, the almond has already made its mark on California and Stanislaus County.

AGRICULTURAL COMMISSIONER'S OFFICE AND SEALER OF WEIGHTS & MEASURES

Milton O'Haire
Agricultural Commissioner/Sealer

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Phone: 209.525.4730 Fax: 209.525.4790

Karen Ross, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors of Stanislaus County

We are pleased to submit, in accordance with Section 2279 of the California Food and Agricultural Code, Stanislaus County's Annual Crop and Livestock Report for 2012. This report provides a statistical description of Stanislaus County's agricultural production. We must emphasize that this report represents **gross values** of agricultural commodities and **does not reflect production costs or profits.**

The value of agricultural commodities produced last year in Stanislaus County increased almost 7% to $3,277,843,000. This represents an all time high in Crop Production Values with an increase of $208,020,000 from the 2011 gross production value of $3,069,823,000. This is primarily attributed to an increase in the Fruit and Nut Crops, most notably almonds, walnuts and grapes, along with tomatoes and chickens. Overall, Livestock and Poultry Products decreased mainly due to lower milk prices.

We wish to express our appreciation to agricultural producers, industry representatives and public agencies who have cooperated in providing data for this report. We would also like to express sincere thanks to the Agricultural Commissioner's staff, especially Agricultural Inspector Richard Homer who compiled the report, and Susan Azevedo who prepared the information for publication.

Respectfully submitted,

Milton O'Haire
Agricultural Commissioner/Sealer
Stanislaus County

Theresa Spezzano
County Director, UC Cooperative Extension
Stanislaus County

Fruit & Nut Crops

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Almond Meat	**2012**	**155,114**	**1.09**	**169,000**	**Ton**	**$ 4,354**	**$ 735,826,000**
	2011	**149,676**	**1.12**	**168,000**	**Ton**	**$ 3,740**	**$ 628,320,000**
Almond Hulls	**2012**			**338,000**	**Ton**	**$ 140**	**$ 47,320,000**
	2011			**335,000**	**Ton**	**$ 130**	**$ 43,550,000**
Almond Shells	**2012**			**169,000**	**Ton**	**$ 22**	**$ 3,718,000**
	2011			**168,000**	**Ton**	**$ 20**	**$ 3,360,000**
Apples	**2012**	**687**	**22.00**	**15,100**	**Ton**	**$ 1,475**	**$ 22,273,000**
	2011	**772**	**20.20**	**15,600**	**Ton**	**$ 665**	**$ 10,374,000**
Apricots	**2012**	**4,585**	**12.00**	**55,000**	**Ton**	**$ 475**	**$ 26,125,000**
	2011	**4,678**	**12.00**	**56,100**	**Ton**	**$ 403**	**$ 22,608,000**
Cherries	**2012**	**3,085**	**3.80**	**11,700**	**Ton**	**$ 4,050**	**$ 47,385,000**
	2011	**3,161**	**2.76**	**8,700**	**Ton**	**$ 4,840**	**$ 42,108,000**
Citrus*	**2012**	**752**					**$ 6,760,000**
	2011	**487**					**$ 5,437,000**
Grapes, All	**2012**	**13,640**					**$ 82,439,000**
	2011	**10,998**					**$ 56,441,000**
Red Varieties	2012	8,457	13.90	118,000	Ton	$ 483	$ 56,994,000
	2011	6,958	10.23	71,200	Ton	$ 509	$ 36,241,000
White Varieties	2012	5,183	10.77	55,800	Ton	$ 456	$ 25,445,000
	2011	4,040	10.00	40,400	Ton	$ 500	$ 20,200,000
Peaches, All	**2012**	**8,075**					**$ 62,490,000**
	2011	**8,088**					**$ 57,221,000**
Cling	2012	7,345	22.68	167,000	Ton	$ 317	$ 52,939,000
	2011	7,352	22.20	163,000	Ton	$ 292	$ 47,596,000
Freestone	2012	730	14.50	10,600	Ton	$ 901	$ 9,551,000
	2011	736	15.00	11,000	Ton	$ 875	$ 9,625,000
Walnuts	**2012**	**38,295**	**1.86**	**71,200**	**Ton**	**$ 3,000**	**$ 213,600,000**
	2011	**31,873**	**1.90**	**60,600**	**Ton**	**$ 2,900**	**$ 175,740,000**
Miscellaneous*	**2012**	**2,880**					**$ 17,055,000**
	2011	**1,905**					**$ 15,888,000**
TOTAL	**2012**	**227,113**					**$ 1,264,991,000**
	2011	**211,638**					**$ 1,061,047,000**

*Citrus includes: Grapefruit, Lemons, Oranges, Pomelos and Tangerines (all prices and yields averaged together)

*Miscellaneous includes: Avocados, Berries (Blackberries, Boysenberries, Blueberries & Strawberries), Chestnuts, Figs, Jujube, Kiwi, Nectarines, Olives, Pears, Pecans, Persimmons, Pistachios, Plums, Pluots, Pomegranates, Prunes, Quince and Table Grapes

Vegetable Crops

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Beans, Succulent	**2012**	**3,348**	**1.25**	**4,190**	**Ton**	**$ 900**	**$ 3,771,000**
	2011	**4,113**	**2.05**	**8,400**	**Ton**	**$ 638**	**$ 5,359,000**
Broccoli	**2012**	**2,120**	**5.00**	**10,600**	**Ton**	**$ 440**	**$ 4,664,000**
	2011	**5,811**	**5.00**	**29,000**	**Ton**	**$ 440**	**$ 12,760,000**
Cauliflower	**2012**	**2,113**	**5.00**	**10,600**	**Ton**	**$ 500**	**$ 5,300,000**
	2011	**674**	**5.00**	**3,370**	**Ton**	**$ 500**	**$ 1,685,000**
Melons, All	**2012**	**2,561**					**$ 18,974,000**
	2011	**2,381**					**$ 12,853,000**
Cantaloupe	2012	1,926	18.00	34,700	Ton	$ 400	$ 13,880,000
	2011	1,812	11.25	20,400	Ton	$ 440	$ 8,976,000
Honeydew	2012	506	15.18	7,680	Ton	$ 474	$ 3,640,000
	2011	387	17.50	6,800	Ton	$ 400	$ 2,720,000
Melons, Other*	2012	129	36.09	4,660	Ton	$ 312	$ 1,454,000
	2011	182	24.57	4,500	Ton	$ 257	$ 1,157,000
Pumpkins	**2012**	**299**	**20.00**	**5,980**	**Ton**	**$ 120**	**$ 718,000**
	2011	**150**	**15.00**	**2,300**	**Ton**	**$ 220**	**$ 506,000**
Spinach	**2012**	**1,510**	**12.00**	**18,100**	**Ton**	**$ 115**	**$ 2,082,000**
	2011	**3,316**	**12.70**	**42,100**	**Ton**	**$ 146**	**$ 6,147,000**
Squash, All	**2012**	**221**	**18.00**	**3,980**	**Ton**	**$ 210**	**$ 836,000**
	2011	**600**	**13.00**	**7,800**	**Ton**	**$ 200**	**$ 1,560,000**
Sweet Potatoes	**2012**	**1,171**	**23.00**	**26,900**	**Ton**	**$ 300**	**$ 8,070,000**
	2011	**1,480**	**22.50**	**33,300**	**Ton**	**$ 300**	**$ 9,990,000**
Tomatoes, All	**2012**	**30,689**					**$ 121,148,000**
	2011	**30,039**					**$ 91,014,000**
Fresh	2012	2,360	14.54	34,300	Ton	$ 440	$ 15,092,000
	2011	2,622	12.56	33,000	Ton	$ 400	$ 13,200,000
Processing	2012	28,329	52.00	1,473,000	Ton	$ 72	$ 106,056,000
	2011	27,417	43.00	1,179,000	Ton	$ 66	$ 77,814,000
Miscellaneous*	**2012**	**3,340**					**$ 21,344,000**
	2011	**3,385**					**$ 24,546,000**
TOTAL	**2012**	**47,372**					**$ 186,907,000**
	2011	**51,949**					**$ 166,420,000**

*Melons, Other includes: Crenshaw and Watermelon

*Miscellaneous includes: Asparagus, Beets, Bok Choy, Cabbage Green, Cabbage Napa, Celeriac, Cilantro, Collard Greens, Cucumber, Cucumber Pickle, Daikon, Dandelion, Dill, Edible Flower, Endive, Escarole, Fennel, Garlic, Herb Spice, Kale, Kohlrabi, Leek, Lettuce Leaf, Lettuce Romaine, Mint, Mustard, Mustard Greens, Onion Dry, Onion Green, Parsley, Pepper Fruiting, Peppers Fruiting Process, Radicchio, Radish, Rosemary, Sage, Spinach, Sweet Basil, Swiss Chard, Turnip, Vegetable and Vegetable Leaf

Field Crops

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Beans, Dried All	**2012**	**25,506**					**$ 38,309,000**
	2011	**23,464**					**$ 34,460,000**
Black-eyes	2012	6,764	1.18	7,980	Ton	$ 1,010	$ 8,060,000
	2011	4,951	1.20	5,900	Ton	$ 1,100	$ 6,490,000
Baby Limas	2012	5,430	1.50	8,150	Ton	$ 990	$ 8,069,000
	2011	6,826	1.50	10,200	Ton	$ 1,020	$ 10,404,000
Large Limas	2012	12,726	1.33	16,900	Ton	$ 1,130	$ 19,097,000
	2011	11,482	1.25	14,400	Ton	$ 1,100	$ 15,840,000
Beans, Dried Other	2012	586	1.25	733	Ton	$ 900	$ 660,000
	2011	205	1.68	344	Ton	$ 920	$ 316,000
Bean Straw	2012			25,500	Ton	$ 95	$ 2,423,000
	2011			23,500	Ton	$ 60	$ 1,410,000
Hay, Alfalfa	**2012**	**36,055**	**7.80**	**281,000**	**Ton**	**$ 220**	**$ 61,820,000**
	2011	**40,429**	**7.08**	**286,000**	**Ton**	**$ 245**	**$ 70,070,000**
Hay, Oat	**2012**	**33,576**	**3.17**	**106,000**	**Ton**	**$ 151**	**$ 16,060,000**
	2011	**41,512**	**3.70**	**154,000**	**Ton**	**$ 160**	**$ 24,640,000**
Hay, Other*	**2012**	**12,290**	**3.43**	**42,200**	**Ton**	**$ 188**	**$ 7,934,000**
	2011	**13,536**	**4.47**	**61,000**	**Ton**	**$ 150**	**$ 9,150,000**
Pasture, Irrigated	**2012**	**33,000**			**Acre**	**$ 196**	**$ 6,468,000**
	2011	**33,200**			**Acre**	**$ 192**	**$ 6,374,000**
Rangeland	**2012**	**433,000**			**Acre**	**$ 19**	**$ 8,227,000**
	2011	**436,000**			**Acre**	**$ 20**	**$ 8,720,000**
Rice	**2012**	**2,032**	**4.20**	**8,530**	**Ton**	**$ 326**	**$ 2,781,000**
	2011	**1,586**	**3.99**	**6,300**	**Ton**	**$ 363**	**$ 2,287,000**
Silage, All	**2012**	**143,714**					**$ 148,557,000**
	2011	**166,732**					**$ 156,311,000**
Other*	2012	56,317	15.60	879,000	Ton	$ 39	$ 34,281,000
	2011	69,534	14.87	1,034,000	Ton	$ 37	$ 38,258,000
Corn	2012	82,819	28.29	2,343,000	Ton	$ 48	$ 112,464,000
	2011	91,457	27.00	2,469,000	Ton	$ 47	$ 116,043,000
Sudan	2012	4,578	12.00	54,900	Ton	$ 33	$ 1,812,000
	2011	5,741	12.50	71,800	Ton	$ 28	$ 2,010,000

*Hay, Other includes: Grass, Sudan, Teff, Wheat, and Winter Forage

*Silage, Other includes: Alfalfa (1 cutting), Barley, Grass, Oats, Ryegrass, Sorghum, Triticale, Vetch, Wheat, and Winter Forage

Field Crops (con't)

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Wheat, All	**2012**	**3,957**					**$ 4,630,000**
	2011	**3,463**					**$ 3,408,000**
Wheat, Grain	2012	3,957	3.05	12,100	Ton	$ 245	$ 2,965,000
	2011	3,463	2.90	10,000	Ton	$ 220	$ 2,200,000
Wheat, Straw	2012			18,100	Ton	$ 92	$ 1,665,000
	2011			15,100	Ton	$ 80	$ 1,208,000
Miscellaneous*	**2012**	**2,385**			**Acre**		**$ 3,070,000**
	2011	**3,394**			**Acre**		**$ 3,939,000**
TOTAL	**2012**	**725,515**					**$ 297,856,000**
	2011	**763,316**					**$ 319,359,000**

*Miscellaneous includes: Barley, Corn Grain, Corn Human Consumption, Oat Grain and Safflower

Other Agriculture

Category	Year	Total	Total
All Other Agriculture*	**2012**	**592,360**	**$ 25,801,000**
	2011	**740,900**	**$ 26,194,000**

*Other Agriculture includes:
Firewood (orchard prunings and tree removal for firewood), Fuel Cogeneration (orchard prunings and orchard removal for fuel),
Compost & Worm Castings (worm castings and all wood and green waste recycling), and Aquaculture (Silver Carp, Sturgeon, Large Mouth Bass and Channel Catfish)

Seed Crops

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
Field Crop*	2012	752					$ 959,000
	2011	745					$ 1,038,000
Other*	2012	234					$ 307,000
	2011	144					$ 432,000
TOTAL	2012	986					$ 1,266,000
	2011	889					$ 1,470,000

*Field Crop includes: Cowpea, Dried Bean and Lima Bean
*Other includes: Oat, Onion, Rice, Squash and Tomato

Nursery Products

Category	Year	Field Acres		Quantity Sold	Unit	Per Unit	Total
Deciduous Fruit & Nut Trees/Vines	2012	782		14,030,000	EA	$ 4.59	$ 64,398,000
	2011	762		13,348,000	EA	$ 5.35	$ 71,412,000
Ornamental Trees & Shrubs	2012	489		1,974,000	EA	$ 14.50	$ 28,623,000
	2011	488		2,009,000	EA	$ 10.20	$ 20,492,000
Miscellaneous*	2012	625					$ 16,411,000
	2011	477					$ 3,741,000
TOTAL	2012	1,896					$ 109,432,000
	2011	1,727					$ 95,645,000

*Miscellaneous includes: Christmas Trees, Turf, Evergreen Fruit & Nut Shrubs, Perennials and Vegetable Transplants

Organic Products

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total
All Organic Products	2012	4,113					$ 14,572,000
	2011	5,312					$ 41,244,000

Apiary Products

Category	Year	Total	Unit	Per Unit	Total
Beeswax*	2012	478,000	LB	$3.10	$ 1,482,000
	2011	461,000	LB	$2.50	$ 1,153,000
Honey*	2012	4,098,000	LB	$2.05	$ 8,401,000
	2011	3,954,000	LB	$1.50	$ 5,931,000
Pollination	2012	310,000	COL	$155.00	$ 48,050,000
	2011	299,352	COL	$145.00	$ 43,406,000
Queen Bees	2012	11,800	EA	$16.00	$ 189,000
	2011	10,200	EA	$15.00	$ 153,000
TOTAL	2012				$ 58,122,000
	2011				$ 50,643,000

*Honey and Beeswax are based off of resident colonies plus the value of the colonies during almond pollination season

Livestock and Poultry

Category	Year	Number of Head	Total Live Weight	Unit	Per Unit	Total
Cattle & Calves, All	**2012**	**326,790**				**$ 214,217,000**
	2011	**331,714**				**$ 207,649,000**
Beef Feeders*	2012	135,740				$ 34,288,000
	2011	139,875				$ 31,315,000
Beef Slaughter*	2012	45,800				$ 17,857,000
	2011	47,197				$ 15,641,000
Dairy Slaughter*	2012	75,250				$ 70,722,000
	2011	72,396				$ 70,674,000
Dairy Replacement	2012	70,000				$ 91,350,000
	2011	72,246				$ 90,019,000
Sheep & Lambs	**2012**	**1,693**	**2,200**	**CWT**	**$ 84.00**	**$ 185,000**
	2011	**1,710**	**2,223**	**CWT**	**$ 66.00**	**$ 147,000**
Hogs & Pigs	**2012**	**31,470**	**37,800**	**CWT**	**$ 65.00**	**$ 2,457,000**
	2011	**34,970**	**41,964**	**CWT**	**$ 69.80**	**$ 2,929,000**
Chickens, All	**2012**	**184,098,587**				**$ 245,771,000**
	2011	**176,966,000**				**$ 220,080,000**
Chickens	2012	53,045,672	306,186,000	LB	$ 0.67	$ 205,145,000
	2011	49,372,000	282,072,000	LB	$ 0.64	$ 180,526,000
Chicks	2012	131,052,915		EA	$ 0.31	$ 40,626,000
	2011	127,594,000		EA	$ 0.31	$ 39,554,000
Turkey, All	**2012**	**12,267,946**				**$ 74,515,000**
	2011	**8,773,000**				**$ 67,240,000**
Turkeys	2012	2,536,872	69,306,000	LB	$ 0.88	$ 60,989,000
	2011	2,439,000	67,459,000	LB	$ 0.87	$ 58,689,000
Poults	2012	9,731,074		EA	$ 1.39	$ 13,526,000
	2011	6,334,000		EA	$ 1.35	$ 8,551,000
Squab	**2012**	**509,361**		**EA**	**$ 5.04**	**$ 2,567,000**
	2011	**518,032**		**EA**	**$ 3.68**	**$ 1,906,000**
Game Birds*	**2012**	**10,676**		**EA**	**$ 2.34**	**$ 25,000**
	2011	**500**		**EA**	**$ 10.00**	**$ 5,000**
Goats*	**2012**	**14,040**				**$ 507,000**
	2011	**15,066**				**$ 524,000**
TOTAL	**2012**					**$ 540,244,000**
	2011					**$ 500,480,000**

*Beef Feeders includes: Feed Lots, Beef Steers, Beef Heifers, Beef Replacement Heifers, Transient Cattle, Dairy Drop Calves les Replacement Heifers
*Beef Slaughter includes: Beef Cows, Beef Bulls, Dairy Beef
*Dairy Slaughter includes: Spent Cows and Bulls
*Game Birds include: Ducks, Geese, Pheasant, Partridge, Quail and Swans
*Goats includes: Dairy Goat Offspring, Dairy Goat Slaughter and Meat Goats. The 2011 Goat Number of Head was adjusted from 11,000 to 15,066.

Livestock and Poultry Products

Category	Year	Total	Unit	Per Unit	Total
Milk, All	**2012**	**43,476,000**			**$ 739,630,000**
	2011	**40,969,000**			**$ 766,186,000**
Market	2012	43,323,000	CWT	$17.00	$ 736,491,000
	2011	40,223,000	CWT	$18.69	$ 751,768,000
Manufacturing	2012	127,000	CWT	$17.00	$ 2,159,000
	2011	717,000	CWT	$18.66	$ 13,379,000
Milk, Goat	2012	26,300	CWT	$37.27	$ 980,000
	2011	28,500	CWT	$36.46	$ 1,039,000
Eggs, Chicken Market	**2012**	**35,200,000**	**DOZ**	**$0.93**	**$ 32,736,000**
	2011	**32,230,000**	**DOZ**	**$1.00**	**$ 32,230,000**
Eggs, Turkey Hatching	**2012**	**1,400,000**	**EA**	**$0.92**	**$ 1,288,000**
	2011	**2,344,000**	**EA**	**$0.91**	**$ 2,133,000**
Eggs, Quail*	**2012**	**41,600**	**10 PACK**	**$0.54**	**$ 22,500**
	2011	**29,000**	**10 PACK**	**$0.72**	**$ 21,000**
Eggs, Duck	**2012**	**70,800**	**DOZ**	**$4.00**	**$ 283,000**
	2011	**83,000**	**DOZ**	**$4.00**	**$ 332,000**
Wool	**2012**	**13,500**	**LB**	**$1.60**	**$ 21,600**
	2011	**13,680**	**LB**	**$1.67**	**$ 22,850**
Manure	**2012**	**674,000**	**TON**	**$6.93**	**$ 4,671,000**
	2011	**957,541**	**TON**	**$6.68**	**$ 6,396,000**
TOTAL	**2012**				**$ 778,652,000**
	2011				**$ 807,321,000**

Summary of Categories

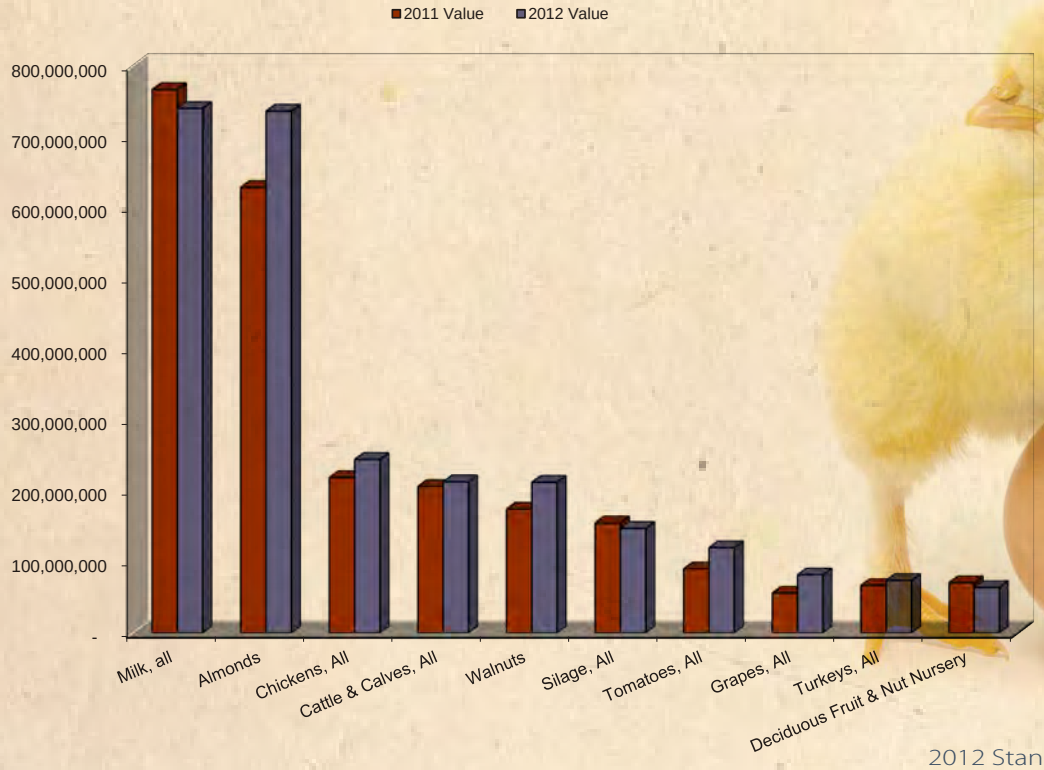
Category	Year	Harvest Acreage	Total
Fruit and Nut Crops	2012	227,113	$ 1,264,991,000
	2011	211,638	$ 1,061,047,000
Vegetable Crops	2012	47,372	$ 186,907,000
	2011	51,949	$ 166,420,000
Field Crops	2012	725,515	$ 297,856,000
	2011	763,316	$ 319,359,000
Other Agriculture	2012		$ 25,801,000
	2011		$ 26,194,000
Seed Crops	2012	986	$ 1,266,000
	2011	889	$ 1,470,000
Nursery Products	2012	1,896	$ 109,432,000
	2011	1,727	$ 95,645,000
Organic Products	2012	4,113	$ 14,572,000
	2011	5,312	$ 41,244,000
Apiary Products	2012		$ 58,122,000
	2011		$ 50,643,000
Livestock and Poultry	2012		$ 540,244,000
	2011		$ 500,480,000
Livestock and Poultry Products	2012		$ 778,652,000
	2011		$ 807,321,000
TOTAL	2012	1,006,995	$ 3,277,843,000
	2011	1,034,831	$ 3,069,823,000

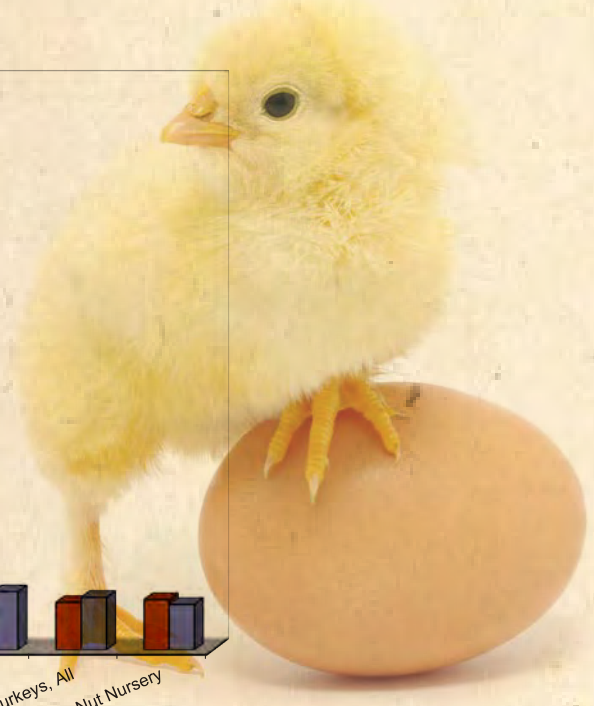
50 Years of Production Summary Totals

1963—$ 158,551,000	1973—$ 379,530,000	1983—$ 720,740,000	1993—$ 1,147,140,000	2003—$ 1,454,932,000
1964—$ 167,878,000	1974—$ 409,538,000	1984—$ 794,623,000	1994—$ 1,115,316,000	2004—$ 1,978,434,000
1965—$ 165,546,000	1975—$ 397,311,000	1985—$ 787,142,000	1995—$ 1,115,492,000	2005—$ 1,977,595,000
1966—$ 192,813,000	1976—$ 423,761,000	1986—$ 790,764,000	1996—$ 1,254,633,000	2006—$ 2,148,152,000
1967—$ 193,723,000	1977—$ 501,367,000	1987—$ 881,306,000	1997—$ 1,316,942,000	2007—$ 2,421,650,000
1968—$ 199,311,000	1978—$ 533,376,000	1988—$ 957,568,000	1998—$ 1,302,714,000	2008—$ 2,473,843,000
1969—$ 220,454,000	1979—$ 706,595,000	1989—$ 963,891,000	1999—$ 1,210,211,000	2009—$ 2,312,669,000
1970—$ 237,210,000	1980—$ 743,584,000	1990—$ 1,038,356,000	2000—$ 1,197,302,000	2010—$ 2,572,434,000
1971—$ 243,287,000	1981—$ 781,185,000	1991—$ 1,070,154,000	2001—$ 1,353,300,000	2011—$ 3,069,823,000
1972—$ 269,541,000	1982—$ 743,637,000	1992—$ 1,073,930,000	2002—$ 1,367,971,000	2012—$ 3,277,843,000

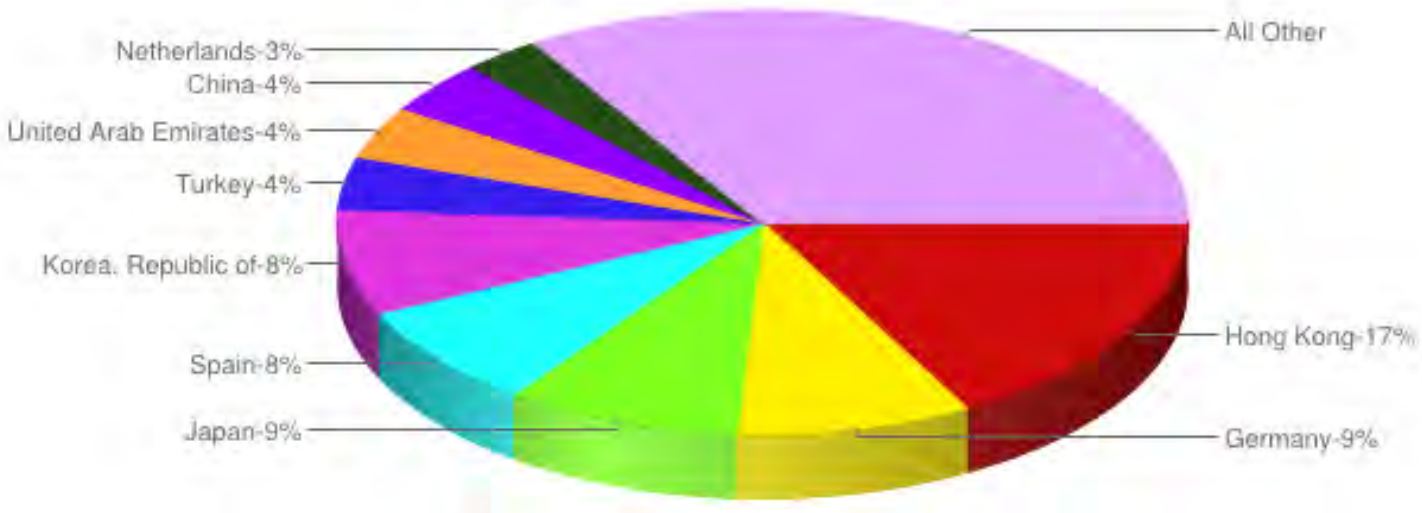
Top Ten Commodities

Category	2012 Rank	2012 Value	2011 Rank	2011 Value
Milk, All	1	$739,630,000	1	$766,186,000
Almonds	2	$735,826,000	2	$628,320,000
Chickens, All	3	$245,771,000	3	$220,080,000
Cattle & Calves, All	4	$214,217,000	4	$207,649,000
Walnuts	5	$213,600,000	5	$175,740,000
Silage, All	6	$148,557,000	6	$156,311,000
Tomatoes, All	7	$121,148,000	7	$91,014,000
Grapes, All	8	$82,439,000	-	$56,441,000
Turkeys, All	9	$74,515,000	10	$67,240,000
Deciduous Fruit & Nut Nursery	10	$64,398,000	8	$71,412,000





Top Exports for 2012



In 2012, Stanislaus County Issued 8,800 Export Certificates for 121 Commodities

Exports by Country

Afghanistan
Algeria
Argentina
Australia
Austria
Azerbaijan
Bahrain
Barbados
Belgium
Belize
Bolivia, Plurinational State of
Bosnia and Herzegovina
Brazil
Bulgaria
Burkina Faso
Canada
Chad
Chile
China
Colombia
Costa Rica
Croatia
Cyprus
Czech Republic
Denmark
Dominican Republic
Ecuador
Egypt
El Salvador
Ethiopia
Finland
France
French Polynesia
Georgia
Germany
Greece
Guatemala
Guyana
Honduras
Hong Kong
Hungary
India
Indonesia
Iran, Islamic Republic of
Iraq
Ireland
Israel
Italy
Jamaica
Japan
Jordan
Kazakhstan
Kenya
Korea, Democratic People's Republic of
Korea, Republic of
Kuwait
Latvia
Lebanon
Libya
Libyan Arab Jamahiriya
Lithuania
Malaysia
Malta
Mauritius
Mexico
Morocco
Nepal
Netherlands
Netherlands Antilles
New Caledonia
New Zealand
Nicaragua
Norway
Oman
Pakistan
Panama
Peru
Philippines
Poland
Portugal
Qatar
Russian Federation
Saudi Arabia
Serbia
Singapore
Slovakia
Slovenia
Somalia
South Africa
Spain
Sri Lanka
Sudan
Sweden
Switzerland
Syrian Arab Republic
Taiwan
Thailand
Trinidad and Tobago
Tunisia
Turkey
Ukraine
United Arab Emirates
United Kingdom
Uruguay
Venezuela, Bolivarian Republic of
Viet Nam
Yemen

Yellow Panel Trap

Pest Detection & Emergency Projects 2012

To protect the agricultural and horticultural industries in Stanislaus County, various traps are placed to monitor for specific insects. Trapping allows for the possible early detection of invasive and destructive pests that would be detrimental to our economy, the environment, and our health.

Jackson Trap

Pest	# of Traps	Crops Affected
Mediterranean Fruit Fly	439	Walnut, tomato, apple, almond, plum, peach, nectarine, pear, grape, orange, lemon, grapefruit, fig, pomegranate, kumquat and olive
Mexican Fruit Fly	221	Apple, apricot, citrus, pear, plum, peach, nectarine and pomegranate
General Fruit Fly	85	Citrus, stone fruit and pome fruit
Light Brown Apple Moth	439	Alfalfa, almond, apple, berries, broccoli, citrus, corn, grape, olive, stone fruit and tomatoes
Japanese Beetle	201	Turf and roses
Gypsy Moth	201	Most trees
Oriental Fruit Fly	221	Apple, citrus, cucumber, fig, grape, pear, pomegranate, stone fruit, tomato and walnut
Melon Fly	221	Peaches, oranges, beans, tomato, cucumber, apple, cantaloupe, grape, pear and watermelon
Glassy-winged Sharpshooter	2,186	Grape, almond, peach and citrus / vector for Pierce's Disease
Apple Maggot	70	Stone fruit and pome fruit
Vine Mealy Bug	35	Grapes
Khapra Beetle	250	Grain and grain products
European Corn Borer	16	Corn, potatoes, oat, green bean, and rhubarb
Asian Citrus Psylid	849	Citrus
European Grapevine Moth	321	Grapes and spurge laurel
Red Imported Fire Ant	Survey & Treat	May infest agricultural and residential settings, as well as natural habitats-dangerous to children, pets, elderly and wildlife

# of Finds	Pest Found
4	Apple Maggot
1	Light Brown Apple Moth
2	Red Imported Fire Ant

Our survey includes traps to check for the Glassy-winged Sharpshooter (GWSS). Traps are set out at nurseries and residential sites, and inspections are done of all incoming plant shipments originating from GWSS infested counties.

Oriental Fruit Fly

Khapra Beetle

Apple Maggot

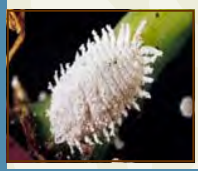
Red Imported Fire Ant

Light Brown Apple Moth

Mexican Fruit Fly

Asian Citrus Psylid

Vine Mealy Bug



European Grapevine Moth

Med Fruit Fly

Japanese Beetle

Glassy Winged Sharpshooter

Melon Fly

Gypsy Moth

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Our Mission

"Support and Protect the well-being of Agriculture, Business and the Community"

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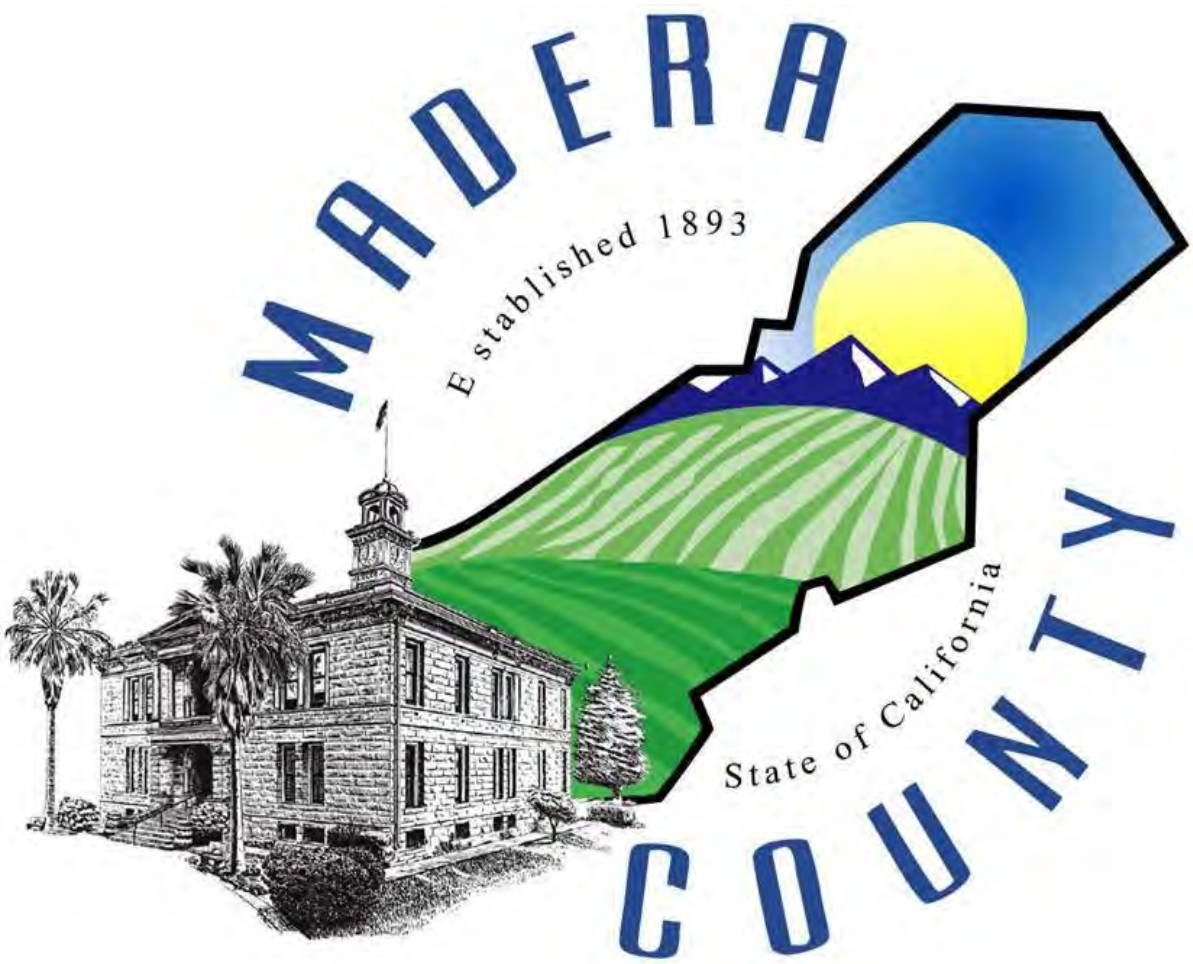
RETURN SERVICE REQUESTED

2012 AGRICULTURAL CROP REPORT



MADERA COUNTY DEPARTMENT OF AGRICULTURE

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Madera County Department of Agriculture
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Sealer of Weight and Measures

Jay Seslowe, Assistant Agricultural
Commissioner/Sealer

Karen Ross, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Madera, California

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Tom Wheeler	District 5

It is my pleasure to present the 2012 Madera County Agricultural Crop and Livestock Report. This annual statistical report is compiled in accordance with Sections 2271 and 2279 of the California Food and Agricultural Code, and contains data on the acreage, yield, and gross values of Madera County Agricultural commodities. It is important to note that the values presented in this report do not represent net income or loss to producers.

The 2012 gross value of Madera County agricultural commodities set a new record of $1,739,411,000; this is an increase of $169,890,000 (10.82%) over 2011 production.

Almonds retained the top crop rank for the third year in a row, with a value of $487,358,000, an increase of $72,922,000 (17.59%), mainly due to strong prices. Grapes surpassed milk to become the second highest ranking crop, with an increase of $60,039,000 (19.97%) due to an increase in prices. Milk fell to the third spot with a value of $288,768,000, a decrease of $38,407,000 (-11.74%), due to lower total milk production and prices.

Increases were seen in apiary (7.24%) primarily due to increases in honey production and price; fruit and nut crops (23.10%) due mainly to stronger prices; forest products (124.28%) attributed to an increase in board feet; livestock and poultry (9.02%) due to improving prices, and vegetable crops (2.26%) mainly reflecting increased yields in fresh and processing tomatoes. Decreases were seen in field crops (-6.16%) with decreases in corn yields, decreases in cotton acreage and price, and decreased wheat acreage; livestock and poultry products (-13.89%) primarily due to decreased production and prices; and nursery products (-10.22%) due to reduced acreage.

I wish to extend my appreciation to our Madera County farmers, ranchers, agricultural industries and agencies. Without their efforts and contributions of information, this report would not be possible. Additionally, I would like to express my thanks to my staff that contributed to compiling and preparing this report, and especially to Senior Agricultural and Standards Inspector Cha Vang and his dedication to producing the annual report.

To view the 2012 Madera County Agricultural and Livestock Report, or previous reports, please visit our website online at http://madera-county.com/agcommissioner/cropreports/index.html.

Respectfully submitted,

Stevie McNeill
Agricultural Commissioner/Sealer

332 Madera Avenue · Madera, CA 93637-5499 · Phone (559) 675-7876 · Fax (559) 674-4071

TEN LEADING CROPS
MADERA COUNTY 2012

Commodity	2012 Rank	2012 Dollar Value	2011 Rank
Almonds, Nuts & Hulls	1	$487,358,000	1
Grapes	2	$360,720,000	3
Milk	3	$288,768,000	2
Pistachios	4	$181,238,000	4
Cattle & Calves	5	$51,415,000	5
Replacement Heifers	6	$39,900,000	6
Alfalfa, Hay & Silage	7	$39,198,000	7
Corn, Grain & Silage	8	$29,802,000	8
Pollination	9	$28,917,000	9
Poultry	10	$26,150,000	10

Diversity, which serves to strengthen the agricultural economy of Madera County, is evident in this listing of our Ten Leading Crops, which include fruit and nut crops, milk, dairy and beef cattle, nursery stock, field crops, poultry and apiary pollination. The wide range of commodities produced in our county is further underscored by that segment on the chart entitled "Other," which includes such diverse products as citrus, corn, honey, nursery stock, peaches, seed crops, tomatoes and wheat.

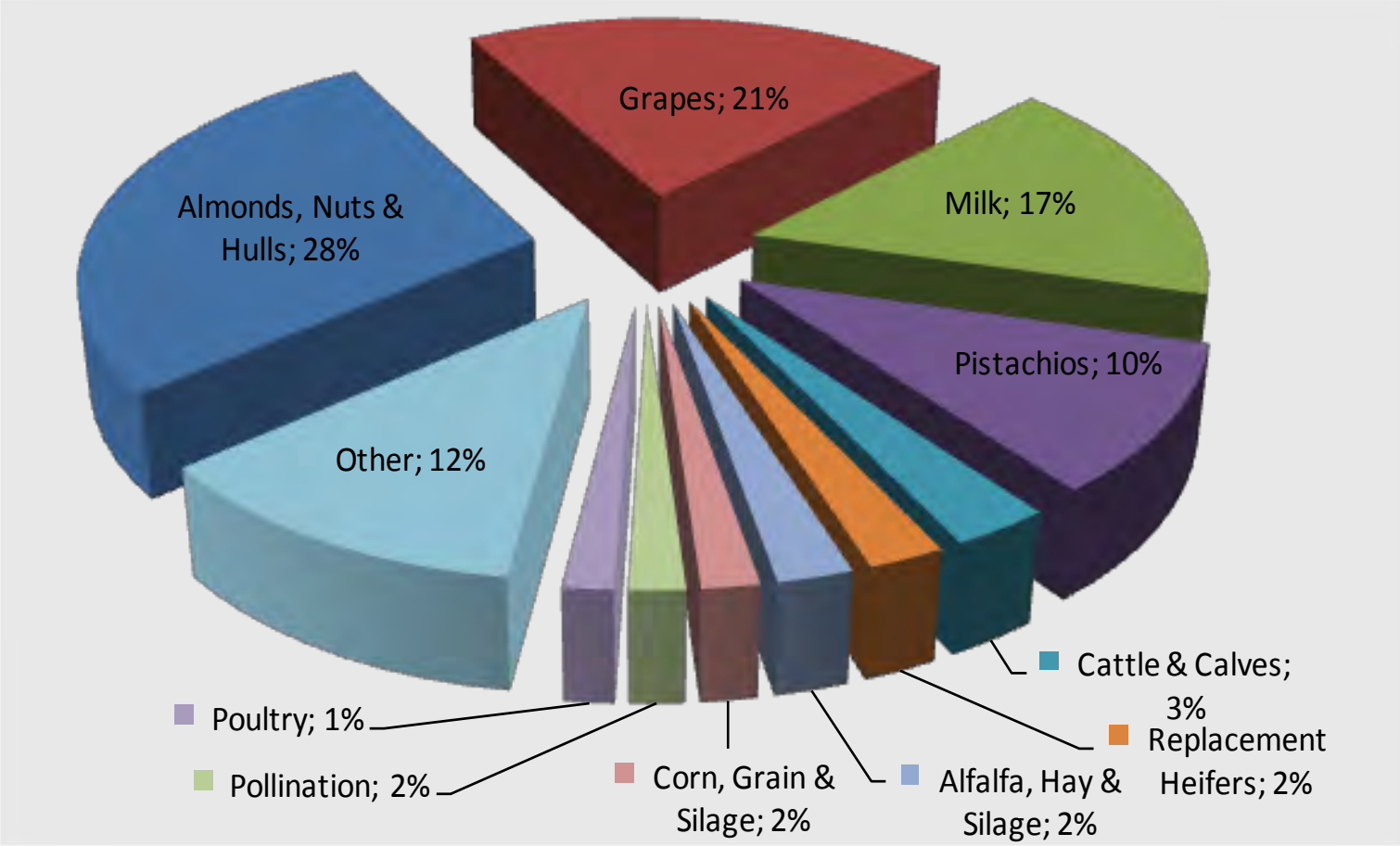


TABLE OF CONTENTS

County Administration/Ag. Commissioner Staff	Inside Cover
Letter from the Commissioner	1
Ten Leading Crops	2
Table of Contents	3
Field Crops	4
Vegetable Crops	5
Fruit & Nut Crops	6
Forest Products	8
Nursery Products	8
Apiary Products	8
Livestock & Poultry	9
Livestock & Poultry Products	9
Crop Report Summary	10
Madera County Highlights	11
Sustainable Agriculture Report	12

		PRODUCTION				VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Alfalfa							
Hay	**2012**	**22,200**	**7.24**	**160,728**	**Ton**	**$227.00**	**$36,485,000**
	2011	20,200	7.64	154,328	Ton	236.00	36,421,000
	2010	28,900	6.09	176,001	Ton	133.00	23,408,000
Silage[a]	**2012**			**43,060**	**Ton**	**63.00**	**2,713,000**
	2011			52,764	Ton	53.00	2,796,000
	2010			62,522	Ton	34.00	2,126,000
Total	**2012**	**22,200**					**39,198,000**
	2011	20,200					39,217,000
	2010	28,900					25,534,000
Corn							
Grain	**2012**	**1,700**	**5.74**	**9,758**	**Ton**	**265.00**	**2,586,000**
	2011	1,300	6.89	8,957	Ton	244.00	2,186,000
	2010	1,100	5.49	6,039	Ton	192.00	1,159,000
Silage	**2012**	**22,800**	**25.95**	**591,660**	**Ton**	**46.00**	**27,216,000**
	2011	24,400	27.00	658,800	Ton	40.00	26,352,000
	2010	21,300	26.94	573,822	Ton	30.00	17,215,000
Total	**2012**	**24,500**					**29,802,000**
	2011	25,700					28,538,000
	2010	22,400					18,374,000
Cotton							
Lint	**2012**	**1,200**	**1,527[b]**	**3,818**	**Bale[c]**	**0.87[d]**	**1,594,000**
	2011	5,500	1,554	17,806	Bale	1.11	9,487,000
	2010	4,100	1,561	13,334	Bale	1.20	7,680,000
Seed	**2012**			**1,527**	**Ton**	**317.00**	**484,000**
	2011			7,124	Ton	289.00	2,059,000
	2010			5,328	Ton	237.00	1,263,000
Total	**2012**	**1,200**					**2,078,000**
	2011	5,500					11,546,000
	2010	4,100					8,943,000
Oat							
Hay	**2012**	**3,400**	**2.72**	**9,248**	**Ton**	**155.00**	**1,433,000**
	2011	3,600	2.38	8,568	Ton	124.00	1,062,000
	2010	3,100	2.08	6,448	Ton	81.00	522,000
Pasture							
Irrigated	**2012**	**1,500**			**Acre**	**150.00**	**225,000**
	2011	2,700			Acre	150.00	405,000
	2010	3,300			Acre	150.00	495,000
Rangeland	**2012**	**353,000**			**Acre**	**15.00**	**5,295,000**
	2011	353,000			Acre	15.00	5,295,000
	2010	353,000			Acre	12.00	4,236,000

Field Crops

Item	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Wheat							
Grain	**2012**	**6,700**	**2.22**	**14,874**	**Ton**	**$250.00**	**$3,719,000**
	2011	7,600	2.84	21,584	Ton	244.00	5,266,000
	2010	14,200	2.40	34,080	Ton	182.00	6,203,000
Silage	**2012**	**21,000**	**14.52**	**304,920**	**Ton**	**37.00**	**11,282,000**
	2011	22,400	13.93	312,032	Ton	31.00	9,673,000
	2010	17,800	14.98	266,644	Ton	21.00	5,600,000
Total	**2012**	**27,700**					**15,001,000**
	2011	30,000					14,939,000
	2010	32,000					11,803,000
Winter Forage	**2012**	**3,400**	**12.65**	**43,010**	**Ton**	**41.00**	**1,763,000**
	2011	2,500	14.13	35,325	Ton	33.00	1,166,000
	2010	2,700	16.81	45,387	Ton	20.00	908,000
Miscellaneous[e]	**2012**	**5,900**					**9,611,000**
	2011	6,800					9,088,000
	2010	8,900					8,601,000
TOTAL	**2012**	**442,800**					**$104,406,000**
	2011	450,000					111,256,000
	2010	458,400					79,416,000

a/ Alfalfa acreage yields both hay and silage
b/ Pounds
c/ Bale: 480 pounds
d/Price per pound
e/Includes barley (hay & silage), dried beans, seed crops, Sudangrass, wheat hay, field and stubble straw.

Vegetable Crops

Item	Year	PRODUCTION Harvested Acreage	Per Acre	Total	Unit	VALUE Per Unit	Total
Tomatoes							
Fresh	**2012**	**400**	**23.29**	**9,316**	**Ton**	**$448.00**	**$4,174,000**
	2011	400	16.06	6,424	Ton	440.00	2,827,000
	2010	320	16.22	5,190	Ton	425.00	2,206,000
Processed	**2012**	**3,000**	**67.36**	**202,080**	**Ton**	**68.00**	**13,741,000**
	2011	2,100	55.92	117,432	Ton	65.00	7,633,000
	2010	2,700	49.17	132,759	Ton	64.00	8,497,000
Miscellaneous[a]	**2012**	**1,900**					**16,917,000**
	2011	1,630					23,601,000
	2010	1,700					12,572,000
TOTAL	**2012**	**5,300**					**$34,832,000**
	2011	4,130					34,061,000
	2010	4,720					23,275,000

a/ Includes artichokes, carrots, all cabbage, eggplant, herbs, melons, onions, all peppers, potatoes, all squash and miscellaneous truck crops

FRUIT & NUT CROPS

		PRODUCTION				VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Almonds[a]	**2012**	**92,000**	**1.08**	**99,360[b]**	**Ton**	**$4,614.00**	**$458,447,000**
	2011	89,000	1.23	109,470	Ton	3,497.00	382,817,000
	2010	80,000	0.91	72,800	Ton	3,501.00	254,873,000
Almond Hulls	**2012**			**212,584**	**Ton**	**136.00**	**28,911,000**
	2011			234,215	Ton	135.00	31,619,000
	2010			155,758	Ton	103.00	16,043,000
Cherries	**2012**	**460**	**3.91**	**1,799**	**Ton**	**5,319.00**	**9,569,000**
	2011	440	3.72	1,637	Ton	3,456.00	5,657,000
	2010	400	5.23	2,092	Ton	2,713.00	5,676,000
Figs	**2012**	**5,400**	**1.59**	**8,586**	**Ton**	**1,690.00**	**14,510,000**
	2011	5,700	1.80	10,260	Ton	1,471.00	15,092,000
	2010	6,750	1.95	13,163	Ton	1,518.00	19,981,000
Grapes							
Raisin Varieties							
Crushed	**2012**	**11,000**	**8.56**	**94,160**	**Ton**	**312.00**	**29,378,000**
	2011	10,500	10.66	111,930	Ton	260.00	29,102,000
	2010	10,000	9.29	92,900	Ton	212.00	19,695,000
Dried	**2012**	**22,800**	**2.59**	**59,052**	**Ton**	**1,720.00**	**101,569,000**
	2011	22,300	2.58	57,534	Ton	1,530.00	88,027,000
	2010	21,000	2.60	54,600	Ton	1,321.00	72,127,000
Fresh	**2012**	**1,300**	**5.66**	**7,358**	**Ton**	**1,474.00**	**10,846,000**
	2011	1,000	10.90	10,900	Ton	1,417.00	15,445,000
	2010	900	10.30	9,270	Ton	1,001.00	9,279,000
Table Varieties	**2012**	**1,800**	**12.87**	**23,166**	**Ton**	**1,756.00**	**40,679,000**
	2011	2,250	9.72	21,870	Ton	1,578.00	34,511,000
	2010	2,300	9.41	21,643	Ton	1,424.00	30,820,000
Wine Varieties[c]							
Red	**2012**	**23,000**	**11.19**	**257,370**	**Ton**	**402.00**	**103,463,000**
Varieties	2011	23,400	10.44	244,296	Ton	335.00	81,839,000
	2010	22,400	10.25	229,600	Ton	257.00	59,007,000
White	**2012**	**17,100**	**11.82**	**202,122**	**Ton**	**370.00**	**74,785,000**
Varieties	2011	15,000	11.54	173,100	Ton	299.00	51,757,000
	2010	15,200	11.32	172,064	Ton	243.00	41,812,000
Total Grapes	**2012**	**77,000**					**360,720,000**
	2011	74,450					300,681,000
	2010	71,800					232,740,000

FRUIT & NUT CROPS

		PRODUCTION				VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Olives, Fresh & Oil	**2012**	**900**	**5.61**	**5,049**	**Ton**	**$713.00**	**$3,600,000**
	2011	1,100	1.76	1,936	Ton	618.00	1,196,000
	2010	1,380	4.76	6,569	Ton	793.00	5,209,000
Oranges	**2012**	**3,000**	**18.41**	**55,230**	**Ton**	**178.00**	**9,831,000**
	2011	3,400	18.40	62,560	Ton	215.00	13,450,000
	2010	3,430	12.74	43,698	Ton	168.00	7,341,000
Peaches							
Cling	**2012**	**310**	**20.64**	**6,398**	**Ton**	**306.00**	**1,958,000**
	2011	260	15.30	3,978	Ton	291.00	1,158,000
	2010	320	16.00	5,120	Ton	310.00	1,587,000
Freestone	**2012**	**450**	**14.56**	**6,552**	**Ton**	**932.00**	**6,106,000**
	2011	630	15.99	10,074	Ton	621.00	6,256,000
	2010	740	12.84	9,502	Ton	493.00	4,684,000
Total	**2012**	**760**					**8,064,000**
	2011	890					7,414,000
	2010	1,060					6,271,000
Pistachios	**2012**	**29,000**	**1.44**	**41,760[b]**	**Ton**	**4,354.00**	**181,238,000**
	2011	28,300	0.97	27,451	Ton	4,120.00	113,098,000
	2010	28,000	1.74	48,720	Ton	4,920.00	239,702,000
Plums, Dried	**2012**	**1,100**	**2.92**	**3,212**	**Ton**	**1,395.00**	**4,481,000**
	2011	1,200	3.71	4,452	Ton	1,383.00	6,157,000
	2010	1,100	3.62	3,982	Ton	1,437.00	5,722,000
Walnuts	**2012**	**1,300**	**2.04**	**2,652**	**Ton**	**2,911.00**	**7,720,000**
	2011	1,340	1.54	2,064	Ton	2,749.00	5,674,000
	2010	1,250	1.78	2,225	Ton	1,867.00	4,154,000
Miscellaneous							
Fruits & Nuts[d]	**2012**	**9,300**					**49,104,000**
	2011	9,100					39,919,000
	2010	4,800					33,834,000
Orchard	**2012**			**6,000**	Cord[e]		**900,000**
Firewood	2011			6,500	Cord		975,000
	2010			6,500	Cord		975,000
TOTAL	**2012**	**220,220**					**$1,137,095,000**
	2011	214,920					923,749,000
	2010	199,970					832,521,000

a/ Meat basis

b/ Reflects total production, including imperfect stock; price weighted accordingly

c/ Includes table grape crushed

d/ Includes apples, apricots, berries, kiwis, nectarines, pears, pecans, persimmons, plums, pomegranates, tangelos, tangerines, almond and walnut shells

e/ Cord: 128 Cubic feet

FOREST PRODUCTS

		PRODUCTION		VALUE
Item	**Year**	**Production**	**Unit**	**Total**
Timber	**2012**	**9,900**	**MBF[a]**	**$810,000**
	2011	3,839	MBF	282,000
	2010	3,353	MBF	225,000
Firewood[b]	**2012**	**1,509**	**Cord[c]**	**280,000**
	2011	1,745	Cord	204,000
	2010	2,075	Cord	228,000
TOTAL	**2012**			**$1,090,000**
	2011			486,000
	2010			453,000

a/ MBF: Thousand board feet

b/ Includes Christmas trees, greenery, pinecones and saw logs

c/ Cord: 128 Cubic feet

NURSERY PRODUCTS

		PRODUCTION		VALUE
Item	**Year**	**Field Acres**	**House Sq. Foot**	**Total**
Nursery Stock[a]	**2012**	**330**	**160,000**	**$17,109,000**
	2011	440	532,000	19,057,000
	2010	840	653,000	24,445,000

a/ Includes grapevines, fruit trees, nut trees and ornamentals

APIARY PRODUCTS

		PRODUCTION		VALUE	
Item	**Year**	**Total**	**Unit**	**Per Unit**	**Total**
Apiary Products					
Beeswax	**2012**	**56,029**	**Pound**	**$2.35**	**$132,000**
	2011	41,500	Pound	1.18	49,000
	2010	30,000	Pound	2.04	61,000
Honey	**2012**	**958,000**	**Pound**	**1.87**	**1,791,000**
	2011	515,000	Pound	1.50	773,000
	2010	781,000	Pound	1.43	1,117,000
Pollination	**2012**	**189,000**	**Colony**	**153.00**	**28,917,000**
	2011	194,000	Colony	144.00	27,936,000
	2010	190,000	Colony	139.00	26,410,000
TOTAL	**2012**				**$30,840,000**
	2011				28,758,000
	2010				27,588,000

LIVESTOCK AND POULTRY

		PRODUCTION			VALUE	
Item	**Year**	**Head**	**Liveweight**	**Unit**	**Per Unit**	**Total**
Cattle and Calves[a]	**2012**	**78,200**	**565,000**	**CWT[b]**	**$91.00**	**$51,415,000**
	2011	78,500	567,800	CWT	80.00	45,424,000
	2010	76,300	551,720	CWT	79.00	43,586,000
Replacement Heifers[c]	**2012**	**30,000**			**1,330.00**	**39,900,000**
	2011	30,000			1,340.00	40,200,000
	2010	29,200			1,310.00	38,252,000
Poultry	**2012**					**26,125,000**
	2011					22,097,000
	2010					22,994,000
TOTAL	**2012**					**$117,440,000**
	2011					107,721,000
	2010					104,832,000

a/ Range and dairy cattle sold for beef

b/ Hundredweight: 100 pounds

c/ Milk cows

LIVESTOCK AND POULTRY PRODUCTS

		PRODUCTION		VALUE	
Item	**Year**	**Production**	**Unit**	**Per Unit**	**Total**
Milk Market[a]	**2012**	**17,732,572**	**CWT**	**$16.26**	**$288,346,000**
	2011	17,780,987	CWT	18.33	325,946,000
	2010	15,671,924	CWT	14.52	227,556,000
Milk Manufacturing[a]	**2012**	**24,955**	**CWT**	**16.91**	**422,000**
	2011	65,222	CWT	18.84	1,229,000
	2010	621,409	CWT	14.57	9,054,000
Other Products[b]	**2012**				**7,831,000**
	2011				17,258,000
	2010				19,365,000
TOTAL	**2012**				**$296,599,000**
	2011				344,433,000
	2010				255,975,000

a/ Madera County has 46 dairies, with 68,183 lactating cows

b/ Includes aquaculture, market eggs, hogs, manure, sheep, lambs and wool

AGRICULTURAL CROP REPORT SUMMARY
MADERA COUNTY 2012

Item	Year	Harvested Acres	Total Value
Apiary	**2012**		**$30,840,000**
	2011		28,758,000
	2010		27,588,000
Field Crops	**2012**	**442,800**	**104,406,000**
	2011	450,000	111,256,000
	2010	458,400	79,416,000
Fruit and Nut Crops	**2012**	**220,220**	**1,137,095,000**
	2011	214,920	923,749,000
	2010	199,970	832,521,000
Forest Products	**2012**		**1,090,000**
	2011		486,000
	2010		453,000
Livestock and Poultry	**2012**		**117,440,000**
	2011		107,721,000
	2010		104,832,000
Livestock and Poultry Products	**2012**		**296,599,000**
	2011		344,433,000
	2010		255,975,000
Nursery Products	**2012**	**330**	**17,109,000**
	2011	440	19,057,000
	2010	840	24,445,000
Vegetable Crops	**2012**	**5,300**	**34,832,000**
	2011	4,130	34,061,000
	2010	4,720	23,275,000
TOTAL	**2012**		**$1,739,411,000**
	2011		1,569,521,000
	2010		1,348,505,000

MADERA COUNTY HIGHLIGHTS

County Established	March 11, 1893
County Seat	Madera (city)
Population[a]	152,218
Total County Acreage	1,366,925
2012 Harvested Acreage	668,650
Field Crop Acreage	89,800
Fruit and Nut Acreage	220,220
Nursery Acreage	330
Vegetable Acreage	5,300
Rangeland Acreage	353,000
Forest Acreage	414,300
U. S. Parkland Acreage	83,000
Bordering Counties	
Merced County	Northwest
Mariposa County	North
Mono County	East
Fresno County	South and West
Ranking of Madera County Among Counties of California	
Population[a]	33
Total Acreage	24
Total Agricultural Production[b]	12
Commodity, by Value	
Figs	1
Grapes, Raisin Variety	2
Pistachios	4
Almonds	5
Grapes, Table Variety	5
Grapes, Wine Variety	5
Cattle & Calves	7
Corn, Silage	7
Olives	7
Milk, Market	8
Ranking of Madera County Among Counties of the United States	
Total Agricultural Production[c]	21

a/ US Bureau of Census, 2012 Estimate
b/ County Agricultural Commissioner's Data, 2011
c/ USDA Ag Census, 2007

Madera County Crop Reports from 2001 to 2012 are available at:
http://www.madera-county.com/index.php/publications/crop-reports

Sustainable Agriculture Report 2012

Pest Prevention

Pest prevention programs are mandated by the California Food and Agricultural Code to prevent the introduction and spread of pests in California. Pest prevention involves three strata: pest exclusion, pest detection and integrated pest management.

The **Pest Exclusion Program** prevents the introduction of injurious pests that are not of common occurrence in the county.

During 2012, four nursery locations were inspected to ensure pest cleanliness.

Countries receiving agricultural commodities require certification that the commodities are free from potentially injurious pests. Over 4,400 phytosanitary inspections were performed on Madera County commodities, which were exported to over 60 countries.

The **Pest Detection Program** utilizes insect traps and surveys for the detection of foreign pests which may have eluded exclusion efforts. Over 900 traps were deployed in the county, with over 8,600 trap servicings performed during the 2012 season.

The trapping program in Madera County targeted multiple pests, including the following:

Caribbean Fruit Fly *(Anastrepha suspenss)*
Gypsy Moth *(Lymentria dispar)*
Light Brown Apple Moth *(Epiphyas postvittana)*
Melon Fruit Fly *(Dacus cucurbitae)*
Oriental Fruit Fly *(Bactrocera dorsalis)*
European Corn Borer *(Ostrinia nubilalus)*
Japanese Beetle *(Popillia japonica)*
Mediterranean Fruit Fly *(Ceratitis capitata)*
Mexican Fruit Fly *(Anastrepha ludens)*

The **Integrated Pest Control Program** strives to eradicate infestations of new pests before they become widespread. Pink Bollworm (*Pectinophora gossypiella*) a non-established and economically significant pest of cotton, is controlled by post-season plowdown of cotton plants. Pink Bollworm was controlled by post-season plowdown of over 1,000 acres of cotton plantings.

Sustainable Agriculture Report 2012

Pest Management

The **Glassy-winged Sharpshooter Program** serves to detect and control the vector of Pierce's Disease, a potentially catastrophic disease of vineyards. This program involved the placement of 370 traps, with over 4,400 subsequent trap servicings. In addition, incoming shipments of host material and susceptible county plantings were inspected. Multiple Glassy-winged Sharpshooters were found in Madera County and treatment was performed on and around the find sites. Additionally, the California Department of Food and Agriculture (CDFA) released three parasitic wasp (*Gonatocerus triguttatus, G. morrilli,* and *G. morgani)* in 2012 to aid in the control of the Glassy-winged Sharpshooters. Over 1,600 parasitoids were released in the Wildwood and Rolling Hills areas.

Fifty-two **Organic Farms**, totaling approximately 5,600 acres, two handlers and one processor, were registered in Madera County in 2012. Utilizing organic principles defined in the California Organic Products Act of 2003, these farms produce a wide array of commodities, such as:

alfalfa, almonds, apples, apricots, artichokes, barley, basil, dried beans, green beans, beets, berries, broccoli, cabbage, cantaloupe, carrots, chard, cherries, cilantro, collards, sweet corn, cucumbers, daikon, eggplant, endive, escarole, fennel, figs, garlic, grapes (table, raisin, wine), hay, herbs, honeydew, kale, kohlrabi, leeks, lettuce, livestock, oats, oil crops, okra, olives, onions, parsnip, peaches, peas, peppers, persimmons, pistachios, prunes, pomegranates, potatoes, radish, radicchio, seed crops, sorghum, soybeans, spinach, squash, tomatillo, tomatoes, turnips, vetch, watermelons, wheat.

The value of organic production in Madera County in 2012 was **$15,725,000.**

Madera County

Department of Agriculture/Weights and Measures

332 Madera Avenue

Madera, CA 93637

Phone: (559) 675-7876 / Fax: (559) 674-4071

Website: www.madera-county.com/index.php/department-of-ag-home

San Benito County

2012 Annual Crop Report

COUNTY OF SAN BENITO

RONALD C. ROSS **AGRICULTURAL COMMISSIONER and SEALER OF WEIGHTS & MEASURES**
3224 Southside Road, Hollister, CA 95023 Telephone (831) 637-5344, FAX (831) 637-9015

September 10, 2013

Karen Ross, Secretary
California Department of Food and Agriculture, and

The Honorable Board of Supervisors, and

Ray Espinosa, Interim County Administrative Officer:

In accordance with the requirements of Section 2272 and 2279 of the California Food and Agricultural Code, I hereby submit the 2012 annual crop report for San Benito County.

With its unique climate along with fertile soils and water supplies, agriculture is the county's largest industry. The county produces a variety of commodities and is one of the top five producing counties in California for several crops.

In 2012, the overall value of the county's agricultural production increased by over $34 million dollars from 2011. This was a very good year across the board for vegetable production. The largest gains where in romaine, spinach, salad mix and specialty vegetable crops. Acreage devoted to these commodities increased and the prices were favorable during the harvest season. Apricot, cherry, walnut and vine crops yields rebounded from poor weather related yields last year. Cattle production was consistent and prices continued to rise. As in past years, nursery stock production continued to decline in value.

It should be emphasized that these figures are gross values only, and do not represent net profit to the producers.

I wish to thank the many farmers, ranchers and businesses that have cooperated in providing the information required for the compilation of this report

Sincerely,

Ronald C. Ross

Agricultural Commissioner

San Benito County
Board of Supervisors

Margie Barrios	District 1
Anthony Botelho, Chair	District 2
Robert Rivas	District 3
Jerry Muenzer, Vice Chair	District 4
Jaime De La Cruz	District 5

Ray Espinosa, Interim County Administrative Officer

San Benito County
Agricultural Commissioner's Office

Front Row:

Christy Clayton, Agricultural Biologist/Inspector III
Donna Carbonaro, Agricultural Biologist/Inspector III

Back Row:

Billie jimenez, Secretary II
Lorie Tilley, Agricultural Technician
Michael Silverman, Agricultural Biologist/Inspector III
Ronald Ross, Agricultural Commissioner/Sealer of Weights & Measures
Ken Griffin, Agricultural Biologist/Inspector I
Gordon McClelland, Deputy Commissioner/Deputy Sealer of Weights & Measures
Tony Wilson, Agricultural Technician
Rosemary Bridwell, Agricultural Technician

Not Pictured:

Ron Terry, Agricultural Biologist/Inspector III (Retired July 2013)
Sergio Garcia, Agricultural Technician

Commodity Summary

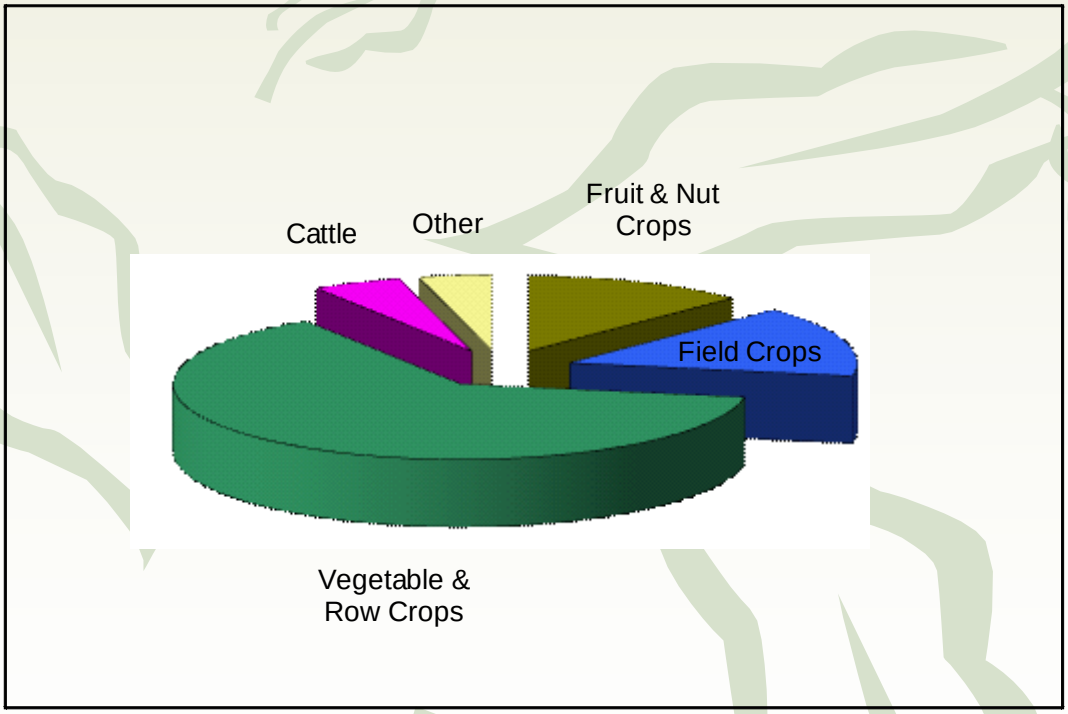
Field Crops	2012	$ 20,612,000
	2011	$ 26,962,000
Fruit and Nut Crops	2012	$ 41,190,000
	2011	$ 35,613,000
Vegetable and Row Crops	2012	$ 207,831,000
	2011	$ 171,120,000
Cattle	2012	$ 15,636,000
	2011	$ 16,639,000
Other Livestock/	2012	$ 12,486,000
Livestock & Poultry Products	2011	$ 13,031,000
TOTALS	**2012**	**$ 297,755,000**
	2011	**$ 263,365,000**

Current & Past Years Totals

2012	$ 297,755,000	
2011	$ 263,365,000	
2010	$ 255,456,000	Revised
2009	$ 242,917,000	
2008	$ 262,032,000	
2007	$ 293,090,000	
2006	$ 270,940,000	
2005	$ 268,846,000	
2004	$ 266,007,000	
2003	$ 238,767,000	
2002	$ 214,841,000	

Commodity Summary

Field Crops	$20,612,000	7%
Fruit and Nut Crops	$41,190,000	14%
Vegetable and Row Crops	$207,831,000	70%
Cattle	$15,636,000	5%
Other Livestock	$12,486,000	4%
Total	$297,755,000	100%



Field Crops

		Production			Value		
		Acres	Per Acre	TOTAL	$ Per Unit	$	TOTAL
*Misc.Field Crops	2012	300				$	193,000
	2011	350				$	183,000
Grain Hay	2012	13850	1.50	20,775 tons	95	$	1,973,000
	2010	14000	1.75	24,500 tons	95	$	2,328,000
*Nursery Stock	2012	276				$	9,602,000
	2011	295				$	16,902,000
Pasture/Rangeland	2012	508,000		acres	12.50	$	6,350,000
	2011	508,000		acres	12.50	$	6,350,000
Permanent Pasture	2012	500		acres	210	$	105,000
	2011	500		acres	180	$	90,000
*Seed Crops	2012	480		acres	4,976	$	2,389,000
	2011	516		acres	2,149	$	1,109,000
TOTALS	**2012**					**$**	**20,612,000**
	2011					**$**	**26,962,000**

*See page 12 for specific list

Vegetable and Row Crops

		Production			Value		
		Acres	Per Acre	TOTAL	$ Per Unit	$	TOTAL
Broccoli	2012	1021	7.21	7,362 tons	1210	$	8,910,500
	2011	689	8.09	5,574 tons	952	$	5,306,000
Cabbage	2012	153	22.8	3,489 tons	330	$	1,154,000
	2011	302	23.15	6,991 tons	399	$	2,789,000
Celery	2012	500	35.51	17,755 tons	441	$	7,842,000
	2011	412	37.31	15,372 tons	369	$	5,672,000
Lettuce, Iceberg	2012	523	19.74	10,322 tons	375	$	3,870,500
	2011	815	21.19	17,270 tons	367	$	6,338,000
Lettuce, Leaf (mixed)	2012	295	10.48	3,092 tons	659	$	2,040,500
	2011	671	10.86	7,287 tons	555	$	4,044,000
Lettuce, Romaine	2012	3,254	13.21	42,986 tons	628	$	26,995,000
	2011	2,052	12.95	26,573 tons	442	$	11,745,000
* Lettuce, Salad Mix	2012	4,781	3.25	15,539 tons	1,900	$	29,524,000
	2011	4,757	2.98	14,176 tons	1.576	$	22,341,000
** Misc.Veg. &	2012	6,325				$	55,532,500
Row Crops	2011	6,345				$	50,387,000
Onions, All	2012	907	17.39	15,773 tons	480	$	7,567,000
	2011	1,394	16.85	23,489 tons	298	$	7,000,000

Vegetable and Row Crops (cont.)

		Production			Value		
		Acres	Per Acre	TOTAL	$ Per Unit	$	TOTAL
Peppers, Bell	2012	2,118	23.85	50,514 tons	496	$	25,073,500
	2011	1,903	23.13	44,016 tons	507	$	22,316,000
Spinach	2012	3,499	3.43	12,000 tons	1,793	$	21,516,000
	2011	3,080	3.25	10,010 tons	1,712	$	17,137,000
Tomatoes, Canning	2012	1,730	61.00	105,530 tons	73	$	7,709,000
	2011	2,834	47.63	134,983 tons	68	$	9,179,000
Tomatoes, Market	2012	670	13.06	8,750 tons	1,154	$	10,097,000
	2011	582	12.59	7,327 tons	937	$	6,866,000
TOTALS	**2012**					**$**	**207,831,000**
	2011					**$**	**171,120,000**

***** *May include: Baby Lettuces, (Red & Green Romaine, Red & Green Oak Leaf, Butter Lettuce, Lollo Rosa, Tango) Mizuna, Red & Green Kale, Arugula, Beet Tops, Baby Spinach, Mache, Red and Green Mustard, Tat-Soi, Frisee, Red and Green Chard, Radicchio and Herbs.*

****** See page 12 for specific list

Fruit and Nut Crops

		Production			Value		
		Acres	Per Acre	TOTAL	$ Per Unit	$	TOTAL
Apples	2012	314	19.30	6,060 tons	278	$	1,687,000
	2011	316	18.90	5,972 tons	293	$	1,750,000
Apricots	2012	592	2.82	1,669 tons	595	$	993,000
	2011	592	2.79	1,652 tons	567	$	937,000
Cherries	2012	558	2.0	1116 tons	2,384	$	2,660,500
	2011	558	1.12	625 tons	2,750	$	1,719,000
Grapes (wine)	2012	3,651	4.76	17,360 tons	1,100	$	19,097,000
	2011	3,651	3.76	13,728 tons	1,024	$	14,057,000
*Misc.Fruits & Nuts	2012	395				$	13,690,000
	2011	395				$	15,424,000
Olives	2012	110	.99	94 tons	1,425	$	134,000
	2011	110	.93	102 tons	1,385	$	141,000
Walnuts	2012	1,582	0.891	1,410 tons	2,077	$	2,928,500
	2011	1,735	0.502	871 tons	1,820	$	1,585,000
TOTALS	**2012**						**$ 41,190,000**
	2011						**$ 35,613,000**

*See page 12 for specific list

Cattle

		Production		Value	
		# of Head	Total Cwt	$ per Cwt	$ Total
All Cattle	2012	46,150			
	2011	35,900			
Calves	2012	10,940	64,576 cwt.	137.00	$ 8,847,000
	2011	8,802	58,436 cwt.	134.00	$ 7,834,000
Pasture and Stockers	2012	31,864	84,439 cwt.	** 37.00	$ 3,125,000
	2011	24,000	64,800 cwt.	105.00	$ 6,804,000
Cows	2012	3,100	38,750 cwt.	88.00	$ 3,410,000
	2011	1,950	24,375 cwt.	72.00	$ 1,755,000
Bulls	2012	170	3,060 cwt.	83.00	$ 254,000
	2011	170	2,890 cwt.	85.00	$ 246,000
TOTALS	**2012**				**$ 15,636,000**
	2011				**$ 16,639,000**

Other Livestock/Livestock & Poultry Products

*Misc.Livestock & Poultry Products		Production	Value
			$ Total
TOTALS	**2012**		$ 12,486,000
	2011		$ 13,031,000

Cattle Herd Inventory		Year round	8-10 Months	4-6 Months	TOTAL HEAD
	2012	21,000	11,000	32,000	64,000

* See Page 12 for Specific List

** Unit price changed in 2012 to be consistent with statewide reporting procedures.

Miscellaneous Crops and Products

*Commodities in these categories are combined with other similar products because the number of producers of each commodity were less than three, or one producer is responsible for 60 percent or more of the product. This is to avoid disclosure of the business affairs of the firms involved.

Vegetable & Row Crops

Artichokes	Arugula	Asparagus	Borage
Beans	Beets, table	Bok Choy	Carrots
Broccolette	Brussels Sprouts	Cantaloupe	Chicory
Cauliflower	Celery Root	Chard	Collards
Corn	Chinese Greens	Cilantro	Dandelion Greens
Eggplant	Corn, sweet	Cucumbers	Fennel
Frisee	Endive	Escarole	Gourds
Herbs	Garbanzo Beans	Garlic	Mushrooms
Mustard	Kale	Kohlrabi	Parsnips
Peas	Melons	Mixed Vegetables	Pumpkins
Radicchio	Okra	Parsley	Rutabagas
Radishes	Potatoes	Rapini	Tomatillos
Snow Peas & shoots	Squash	Turnips	Watermelons

Field Crops

Garbanzo Beans Alfalfa Honey & Pollination Oats Wheat

Fruit & Nut Crops

Almonds	Avocados	Blackberries	Blueberries
Figs	Kiwi	Lemons	Misc Fruit
Peaches	Pears	Persimmons	Plums
Raspberries	Strawberries		

Seed Crops

Flowers Vegetable Crops Vine Crops Field Crops

Nursery Stock

Cut Flowers (dry & fresh) Mushroom Spawn Nursery Plants & Trees
Turf Vegetable Transplants Christmas Trees

Livestock & Poultry Products

Chickens Turkeys Eggs Goats Hogs Lambs Milk Wool

Sustainable Agricultural Report

Biological Control

PEST	AGENT	SCOPE OF PROGRAM
Yellow Starthistle *Centaurea solstitialis*	Hairy Weevil *Eustenopus villosus*	Generally Distributed
	Seed Head Weevil *Bagasternus orientalis*	Widely Distributed

Pest Eradication

PEST	MECHANISM	SCOPE OF PROGRAM
Scotch Thistle Onopordum Acanthium	Mechanical/Chemical	2 sites
Artichoke Thistle Cynara Cardunculus	Chemical	4 sites

Pest Detection

At the peak season, our office deploys up to 950 insect detection traps throughout the county. These traps are designed to intercept new exotic and non-native insect species before they become established. Some of the insects we are monitoring for are:

Asian citrus psyllid
European Pine Shoot Moth
Japanese Beetle
Mediterranean Fruit Fly
Mexican Fruit Fly
European Corn Borer
Glassy-winged Sharpshooter
Khapra Beetle
Melon Fruit Fly
European Grapevine Moth
Gypsy Moth
Light Brown Apple Moth
Oriental Fruit Fly

Organic Farm Statistics

The county has approximately 67 organic growers, growing 75 different vegetable, vine , and orchard crops on approximately 8,250 acres.

An Economic Review of the Draft Irrigated Lands Regulatory Program Environmental Impact Report

September 27, 2010

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ECONorthwest specializes in the economic and financial analysis of public policy. ECONorthwest has analyzed the economics of resource-management, land-use development, and growth-management issues for municipalities, state and federal agencies, and private clients for more than 30 years.

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This work was produced for Lozeau Drury LLP.

I. INTRODUCTION

The Central Valley Water Board (Board) authorized the preparation of an Environmental Impact Report for the Irrigated Lands Regulatory Program (ILRP). The ILRP regulates water discharges from irrigated agricultural lands. ILRP goals include preventing agricultural discharges from impairing receiving waters. At the Board's direction, consultants prepared the *Draft Irrigated Lands Regulatory Program Environmental Impact Report (Draft EIR)*. Appendix A to the *Draft EIR* is the *Draft Technical Memorandum Concerning the Economic Analysis of the Irrigated Lands Regulatory Program* (*Technical Memo*).

Michael Lozeau of Lozeau Drury LLP, contracted with ECONorthwest (ECONW) to review and provide preliminary comments on the *Technical Memo*. Specifically, he asked that we review the economic analysis described in the *Technical Memo*, including the analytical approach, simplifying assumptions, data, analyses and conclusions, to determine if it provides reliable information on which the Board can base decisions regarding the alternatives described in the *Draft EIR*. In this report we describe our preliminary findings to date. If we are asked to review additional information, or address additional topics, we may revise our critique and findings.

II. OVERVIEW OF RESULTS

The following discussion substantiates our conclusion that the *Technical Memo* developed in support of the *Draft EIR* has serious errors of omission and commission that violate the generally accepted standards of practice that apply to this type of economic analysis. Because of these errors, the report does not provide a reliable basis for understanding the full potential economic consequences of each the five alternatives the *Draft EIR* considers. It also does not fully depict the differences in potential economic consequences among the five alternatives. The various errors are interrelated but, to facilitate our discussion of them, we separate them into these six categories:

A. **The Analytical Objectives and Approach**: The study's analytical objectives and approach do not follow generally accepted guidelines. The analysts ignored standards and procedures developed by the California Department of Water Resources specifically for this type of economic analysis. The resulting analysis is flawed and incomplete, and, hence, it provides decision-makers and stakeholders with biased and unreliable descriptions of the economic outcomes likely to materialize if the Board were to implement any of the alternatives in the *Draft EIR*.

B. **Baseline**: The economic analysis described in the *Technical Memo* does not compare the alternatives against an appropriate baseline that describes potential future conditions absent implementation of each alternative. Hence, it provides an incomplete, biased representation of the alternatives' economic consequences.

C. **Management Practices**: The management practices considered in the *Draft EIR* and *Technical Memo* do not reflect the full range of options available to irrigators. They particularly exclude low-cost, high-benefit options. Hence, the *Draft EIR* and *Technical Memo* provide an incomplete and biased representation of the choices that realistically are available to irrigators or the Control Board.

D. **Costs and Benefits**: The analysis described in the *Technical Memo* incorrectly calculates the costs of adopting practices that improve water quality. The analysis also overlooks major categories of economic costs and benefits that would be affected by the alternatives. Hence, it provides an incomplete, biased representation of the alternatives' economic costs.

E. **Risk and Uncertainty**: The *Technical Memo* provides no information on how each of the five alternatives would affect the risks and uncertainty facing irrigators and others. Economic analyses of the scale and scope described in the *Technical Memo* typically include analyses of risk and uncertainty as a matter of course. The analysts' failure to comply with this generally accepted standard of practice gives decision-makers and stakeholders incomplete descriptions of the economic significance of the alternatives' outcomes.

F. **Regional Impacts**: The *Technical Memo* provides a biased and incomplete description of the regional impacts of the alternatives. The conclusions in this section emphasize negative outcomes and ignore the analytical assumptions that overstate costs and the resulting negative outcomes.

We describe each category in the following sections.

III. Analytical Objectives and Approach

The study's analytical objectives and approach do not follow generally accepted guidelines. In particular, the analysts ignored standards and procedures developed by the California Department of Water Resources specifically for this type of economic study. The resulting analysis is flawed and incomplete, and provides decision-makers and stakeholders with biased and unreliable descriptions of the economic outcomes likely to materialize if the Board were to implement any of the five alternatives in the *Draft EIR*.

The *Technical Memo* gives this description of its analytical objectives and approach:

> "The analysis of economic (and fiscal) effects for the long-term Irrigated Lands Regulatory Program (ILRP) focuses on addressing the following three analytical questions.
>
> - "How much currently is being spent annually by growers, landowners, and administering entities in the Central Valley on compliance with the ILRP pollution control implementation program?

- "What are the expected additional costs, both to growers and administering entities, of compliance with the long-term ILRP alternatives?
- "How is imposition of these additional costs expected to affect the economic viability of farming in the Central Valley? (*Technical Memo* p. 1-1)

By focusing on just these three questions, the study's authors restricted their analysis to a subset of the economic issues the Board must consider to satisfy its obligations. Hence, the *Technical Memo* cannot provide an adequate basis for the Board's consideration of these issues. The Board's responsibilities extend well beyond the narrow set of costs described in the *Technical Memo*. For example, the Board's website describes its mission as, "To preserve, enhance, and restore the quality of California's water resources, and ensure their proper allocation and *efficient use* for the benefit of present and future generations."[1] [emphasis added] The Board can assess the extent to which the *Draft EIR's* alternatives promote efficient water use only if it weighs all of their relevant economic costs and benefits, not just those that are the focus of the *Technical Memo*.

The Board's website also lists the strategic goals for California's nine water boards, including the Central Valley Board. These goals include:

- "Goal 1 - The Boards' organizations are effective, innovative and responsive."
- "Goal 2 – Surface waters are safe for drinking, fishing, swimming, and support healthy ecosystems and other beneficial uses."
- "Goal 3 – Groundwater is safe for drinking and other beneficial uses."
- "Goal 6 – Water quality is comprehensively measured to evaluate protection and restoration efforts."[2]

From an economic perspective, the analysis described in the *Technical Memo* is neither effective nor innovative given the study's limited and incomplete focus relative to the generally accepted guidelines for these types of economic analyses. We describe these guidelines below. For example, the study ignores the economic benefits of the *Draft EIR's* alternatives on drinking water, fishing, swimming, ecosystems and other beneficial uses. A comprehensive assessment of the changes in water quality brought about by the *Draft EIR* alternatives would include these and other relevant costs and benefits.

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[1] California Water Boards web site http://www.swrcb.ca.gov/centralvalley/about_us/water_boards_structure/index.shtml, accessed September 22, 2010.

[2] California Water Boards web site http://www.swrcb.ca.gov/centralvalley/about_us/water_boards_structure/index.shtml, accessed September 22, 2010.

Specific to the study at issue, the *Existing Conditions Report (Existing Conditions)* referenced throughout the *Technical Memo,* describes the regulatory setting for the economic analysis and notes the purpose of water quality regulations in California:

> "Water quality regulation and permitting processes are designed to limit the discharge of pollutants to the environment in an effort to achieve the highest surface water and groundwater quality, protect fish and wildlife and their habitats, and protect other beneficial uses (e.g., domestic and agricultural water supply and recreational resources)." (*Existing Conditions* p. 2-1)

The study's analytical approach focuses on a narrow subset of the full range of potential economic outcomes of the *Draft EIR's* alternatives, and, hence, provides limited and biased information regarding the proposed regulations' overall economic costs and benefits. Board members and others interested in furthering the Board's goals will find little useful information in the economic analysis described in the *Technical Memo*. This study does not serve these groups well.

Those interested in an unbiased and comprehensive assessment of the economic outcomes of adopting the *Draft EIR* alternatives will find the study's deficiencies especially troubling, given the fact that the study area includes a large part of California. It also includes the majority of the state's irrigated land. The study leaves uncounted many of the economic costs and benefits that would occur throughout much of the state with the adoption of the *Draft EIR* alternatives. The *Existing Conditions* describes the geographic extent of the Board's responsibilities.

> "The jurisdiction of the California Regional Water Quality Control Board, Central Valley Region … extends from the Oregon border to the northern tip of Los Angeles County and includes all or part of 38 of the State's 58 counties. … The three basins [major watersheds included in the study area] cover about 40% of the total area of the State and approximately 75% of the irrigated acreage [citation omitted]." (*Existing Conditions*, page ES-1)

An economic study of this magnitude should conform to generally accepted analytical guidelines. Many such guidelines apply here.[3] The California Department of Water Resources' *Economic Analysis Guidebook* (*Guidebook*), is particularly relevant, given the study area and topic. The *Guidebook* notes,

> "… the Department of Water Resources (DWR) has a policy that all economic analyses conducted for its internal use on programs and projects be fundamentally consistent with the federal *Economics and Environmental*

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[3] Examples include: California Department of Water Resources. 2008. *Economic Analysis Guidebook*, January; U.S. Army Corps of Engineers. 1983. *Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies*. March—and 2009 Draft Update; U.S. Environmental Protection Agency. 200. *Guidelines for Preparing Economic Analyses*. EPA 240-R-00-003. September.

> *Principles and Guidelines for Water and Related Land Resources Implementation Studies* (P&G) …
>
> "It is also DWR policy to adopt, maintain, and periodically update its own Economics Analysis Guidebook, which is consistent with the P&G but can also incorporate innovative methods and tools when appropriate."
>
> "*The Economic Analysis Guidebook* (Guidebook) was developed to assist DWR economists in performing economic analyses …"(*Guidebook*, p. vii)

Comparing the approach described in the *Technical Memo* with the *Guidebook's* recommended approach shows the extent of the study's analytical deficiencies. For example, the *Guidebook* describes generally accepted methods of conducting economic analyses of public policies that affect water. The *Guidebook* describes three methods of economic analysis (*Guidebook* p. 12):

- A cost-effectiveness study identifies the least cost method of achieving the stated goals. The analysis in the *Technical Memo* is not a cost-effectiveness analysis because, as the *Memo* states, the analysis did not include information on the effectiveness of the management practices in the *Draft EIR* alternatives.
- A benefit-cost (B-C) analysis compares the social benefits of a proposed action with the social costs. The economic analysis at issue is not a B-C analysis because it considered only a subset of relevant costs and benefits. This narrow focus yields a biased and incomplete description of the direct or initial economic outcomes of adopting the *Draft EIR* alternatives.
- A socioeconomic impact (SI) analysis describes a broader set of impacts than a B-C study because it considers regional or indirect impacts in addition to direct benefits and costs. Given that an SI analysis is more comprehensive than a B-C analysis, the economic analysis in the *Technical Memo* falls far short of the generally accepted standards for SI analyses.

The approach described in the *Technical Memo* does not satisfy the *Guidebook's* standards. The *Technical Memo's* description of analytical methods also lacks foundation or citation to relevant economic literature that supports the approach.

IV. Baseline Conditions

The *Technical Memo* does not compare the alternatives against an appropriate baseline that describes potential future conditions absent implementation of each alternative. Hence, it provides an incomplete, biased representation of the alternatives' economic consequences.

Generally accepted standards applicable in this context include establishing a baseline against which analysts compare the economic outcomes of policy alternatives. Analysts calculate the amount of economic change attributed to a policy by comparing economic conditions that would result with the policy against baseline economic conditions. A properly defined baseline takes into

account economic changes that will occur for reasons other than the policy alternative. Analyses that lack a baseline, or use an improperly defined baseline, yield biased results because costs or benefits that would have otherwise occurred are mistakenly attributed to the policy alternative. The *Guidebook* describes the importance of establishing a baseline using a *with* and *without* analytical approach.

> "The objective of economic analysis is to determine if a project represents the best use of resources over the analysis period …:
>
> > The test of economic feasibility is passed if the total benefits that result from the project exceed those which would accrue without the project by an amount in excess of the project costs. It is important that the comparison be *with* and *without* rather than *before* and *after* because many of the after effects may even occur without the project and can thus not properly be used in project justification. …" (*Guidebook* p. 5)

The *Technical Memo* lacks a clear and concise description of baseline conditions. The available information indicates that analysts did not control for factors other than the *Draft EIR's* alternatives that can affect irrigators' costs of managing water quality. For example, the analysis incorrectly attributes costs of management practices previously implemented to the future costs of adopting the *Draft EIR's* alternatives. This overstates the costs of adoption.

> "Although Alternative 1 represents the continued implementation of current Central Valley Water Board policies, limited information was available to determine the extent of management practice implementation to date. Further, the existing conditions information used as a baseline for analysis dates from the early 2000s. As a result, changes from Alternative 1 relative to existing conditions do not capture implementation that has already occurred at the time of this report, and thus likely overstate the impacts of further implementation of Alternative 1." (*Technical Memo* p. 1-2)

The analysis also incorrectly attributes adoption costs to the *Draft EIR's* alternatives in cases where growers adopt management practices for reasons other than the alternatives. The authors recognize the importance of accounting for costs attributable to other factors:

> "Existing conditions corresponds to the level of water quality management practices that are in the baseline. It is acknowledged that most practices are not implemented to improve water quality but rather to provide for another agronomic or economic need. … Therefore adjustments were made to best capture costs attributable only to improvements in water quality. …."(*Technical Memo* p. 2-2)

Here they describe the adjustment:

> "Potential cost savings or other benefits from the irrigation system changes also were considered. These included estimates of savings in grower's costs for water, fertilizer, and labor and revenue increases resulting from improved crop yield and quality. These benefits were subtracted from the implementation cost of the irrigation system or management changes, so the analysis considered only the net cost to growers of implementing a change." (*Technical Memo* p. 3-1)

This "adjustment," however, ignores the fact that the management practices at issue were adopted for reasons *other than* the *Draft EIR* alternatives. Such changes belong in the baseline conditions and not the *Draft EIR* alternatives. The authors provide no citations to economic literature or other relevant sources that support such an adjustment. The resulting adjusted costs overstate the true costs of the alternatives.

Our critique of the *Technical Memo's* treatment of the alternatives' costs (see below) notes that the analysts selected some of the most expensive management alternatives available. Assuming for the sake of argument that we agree with the described adjustment—which we do not—using more realistic adoption costs would yield lower or negative "net" costs of adopting the practices in the *Draft EIR* alternatives.

Had the analysts used a *with* vs. *without* analytical approach they could have isolated the extent to which irrigators adopt management practices that have water-quality impacts, but were adopted for other reasons. For example, they may change irrigation practices from flood to drip or sprinkler systems not to improve water quality but to reduce their fertilizer and pesticide costs. The analysts acknowledge the likelihood that irrigators make such changes for purposes other than to accomplish the Board's water-quality goals. But they then do not account for these changes in a manner that yields an accurate, unbiased representation of the costs of the alternatives being considered by the Board.

A similar conclusion applies to the *Technical Memo's* treatment of various laws that affect irrigators' behavior. Chapter 2 of the *Existing Conditions* report, for example, notes that the Federal Endangered Species Act (ESA) could affect future irrigation practices. The *Technical Memo*, however, makes no provision for the potential impacts of the ESA or other laws and regulations on irrigation methods and costs. Instead, it attributes all future irrigation changes and costs to the *Draft EIR* alternatives. A *with* vs. *without* analytical approach would acknowledge that regulations other than the *Draft EIR* alternatives can influence irrigators' practices and costs in the future.

V. Management Practices

The management practices considered in the *Draft EIR* and *Technical Memo* do not reflect the full range of options available to irrigators. Instead, they consider seven practices that emphasize high-cost options and exclude low-cost, high-

benefit options. Hence, the *Draft EIR* and *Technical Memo* provide an incomplete and biased representation of the choices that realistically are available to irrigators and the Control Board.

The *Technical Memo* identifies the management practices in the analysis but provides no justification for how the analysts selected these practices.

> "Although a wide variety of management practices could be used to reduce impacts on water quality, this suite [the seven practices selected and listed in Table 2-1] of management practices is deemed sufficient from a programmatic point of view to encompass all flow path and management needs that must be addressed to reduce impacts on water quality." (*Technical Memo* p. 2-2)

The *Technical Memo* provides no assessment of how these practices were "deemed sufficient" for the analysis. More fundamentally, the authors provide no discussion of selection criteria they applied to reach their conclusion. Without this information, the Board, other decision-makers and stakeholders cannot assess the appropriateness of the selected practices. This is especially important given that, as we describe in our critique of adoption costs, the selected practices are some of the most expensive available.

As described in the *Existing Conditions* report, over 100 practices exist with proven potential to improve water quality.

> "This section provides a summary of the management and hardware actions that have been proven to provide a water quality benefit. … The single most comprehensive reference for individual management practices is the NRCS [citation omitted]. This website lists over 100 proven practices, that provide information for physical actions that apply to several of the management measure categories. Although the NRCS guides were developed for general use, they contain sufficient guidance for local implementation." (*Existing Conditions* p. 5-5)

Without information on the "deemed sufficient" selection criteria, the choice of management practices appears arbitrary, and lacks analytical rigor.

The *Technical Memo* also provides no information on the effectiveness of the management practices in the analysis.

> "Management practices were assumed to be 100 percent effective." (*Technical Memo* p. 2-1)

Assuming complete effectiveness strays outside the bounds of rational expectations. The analysts make this assumption without support or citation to relevant studies. The assumption thus appears arbitrary and devoid of analytical veracity.

Given these considerations, the standard analytical approach applicable to the *Draft EIR* and *Technical Memo* would entail describing the full range of options before the Board and their respective consequences. The *Draft EIR* and *Technical Memo* exhibit neither of these characteristics. Consequently, they do not (and cannot) provide a reliable basis for the Board to make decisions that will satisfy its obligations to "preserve, enhance, and restore the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations".[4]

VI. Costs

The *Technical Memo* incorrectly calculates the costs associated with irrigators adopting practices that reduce their impacts on water quality. The analysis also overlooks major categories of economic costs and benefits that the *Draft EIR* alternatives would affect. Hence, it provides an incomplete, biased representation of the alternatives' overall economic costs.

The *Technical Memo* describes that the management practices in the *Draft EIR* alternatives are "relatively expensive." The report provides no information about the criteria the authors used to reach this judgment, no evaluation of the extent to which the projects included in the *Draft EIR* are more expensive than those excluded from it, and no justification for why those who constructed the alternatives selected the more expensive projects. The inclusion of more expensive projects and exclusion of less expensive ones has an important impact on the economic analysis and biases its conclusions, insofar as the large majority of the acres in the study produce field, forage, grain, and other crops whose value is lower than crops in other categories. By selecting more expensive projects, the analysis also increases the number of acres that growers take out of production as operating costs increase.

> "Some key analytical assumptions and data limitation contributed to the relatively large estimated change in acreage.
>
> "More importantly, management practices assumed to be implemented for the analysis are relatively expensive, especially for lower-revenue crops … As a result, crops such as irrigated pasture, hay, and some small grains would have difficulty supporting such costs. The analysis indicated large reductions in their acreages in the regions where those costs were incurred. "
>
> "Irrigated pasture, hay, and other field corps … accounted for more than 95 percent of the acreage reductions shown in Table 3-7. To the extent growers of these crops could identify less-expensive ways to comply, such as avoiding

[4] California Water Boards web site http://www.swrcb.ca.gov/centralvalley/about_us/water_boards_structure/index.shtml, accessed September 22, 2010.

> the use of certain pesticides, the acreage and revenue impacts would be substantially reduced." (*Technical Memo* p. 3-8, 3-9)
>
> "… acreage revenue and net income changes were *relatively sensitive to the implementation cost assumptions*. The same general conclusion applies to the results for all alternatives. If growers can identify and implement more cost-effective methods to comply with ILRP requirements, impacts on production and income can be reduced substantially, especially for lower-value field and forage crops." [emphasis added] (*Technical Memo* p. 3-19)

With this conclusion, the authors, themselves, acknowledge the underlying flaws and biases in the *Technical Memo.* These characteristics render it and its findings unsuitable as a basis for decision-making by the Board, or any other entity.

The analysts who conducted the economic work described in the *Technical Memo* apparently ignored existing models that describe economic outcomes of changes in water quality. The *Guidebook* describes two such models specific to water-quality assessments in California:

> "The maintenance of good water quality is an important project objective [and the focus of the study at issue in our critique]. The State Water Resources Control Board (SWRCB) and the Metropolitan Water District of Southern California (MWD) in cooperation with the US Bureau of Reclamation (Bureau) and other agencies have developed economic models to assess the impacts of changes in water quality." (*Guidebook* p. 37)
>
> - SWRCB Lost Beneficial Use Value Calculator estimates the lost benefits attributed to diminished water quality.
>
> - MWD Salinity Economics Impacts Model estimates regional economic impacts of changes in salinity of water sold by the Metropolitan Water District of Southern California. (*Guidebook* p. 37)

The analysis in the *Technical Memo* also overlooks major categories of costs and benefits that the *Draft EIR* alternatives will affect. Given the Board's mission and goals (which we cite above) regarding efficient use of water and protecting beneficial water uses, this omission constitutes a fatal deficiency in the study.

Improving water quality may increase irrigators' costs relative to baseline conditions—though, as we note above, the analysis in the *Technical Memo* grossly overstates these costs—but it will also generate economic benefits for other water users by lowering the costs they incur from water polluted by farm runoff. The current analysis ignores these benefits. For example, improving water quality can reduce filtration costs for downstream users. Recreational-water users, including sport and commercial fishing interests, can also benefit from improved water quality. Board members and other interested parties will find no information in the *Technical Memo* on these economic benefits of the *Draft EIR* alternatives.

Readers can look no further than the Central Valley Region's own Water Quality Control Plan (Plan) for information on the significance of beneficial water uses. Chapter II of the Plan describes these uses.

> "Beneficial uses are critical to water quality management in California. State law defines beneficial uses of California's waters that may be protected against quality degradation to include (and not be limited to) '…domestic; municipal; agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources of preserves' [citation omitted]. Protection and enhancement of existing and potential beneficial uses are primary goals of water quality planning."[5]

The *Technical Memo* provides a biased and incomplete assessment of the economic outcomes of adopting any of the *Draft EIR* alternatives. This is especially true regarding the economic benefits of the alternatives. Consideration of these benefits is essential, given the "primary goal" of water quality planning, as described by the Central Valley Region. Because of these flaws, Board members cannot not rely on the analysis and conclusions in the *Technical Memo* for a balanced, comprehensive, or informed assessment of the relevant economic outcomes of the *Draft EIR* alternatives.

VII. Risk and Uncertainty

The *Technical Memo* provides no information on how each of the five alternatives would affect the risks and uncertainty facing irrigators and others. Economic analyses of the scale and scope described in the *Technical Memo* typically include analyses of risk and uncertainty as a matter of course. The analysts' failure to comply with this generally accepted standard of practice gives decision-makers and stakeholders incomplete descriptions of the economic significance of the alternatives' outcomes.

The *Guidebook* describes the importance of accounting for risk and uncertainty in economic analyses of policies that affect water management.

> "Although it is impossible to account for all sorts of uncertainty and risk in a planning study, there are techniques that can be used to acknowledge their existence and to assign some quantitative importance to them in the analysis. These techniques include …." (*Guidebook*, p. A-17)

The economic analysis described in the *Technical Memo* violates generally accepted standard by not assessing how the *Draft EIR* alternatives affect the risks and uncertainty that irrigators and other water users face.

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[5] California Regional Water Quality Control Board Central Valley Region. 2009. The Water Quality Control Plan (Basin Plan) for the California Regional Water Quality Control Board Central Valley Region Fourth Edition. Page II-1.00.

VIII. Regional Impacts

The *Technical Memo* provides a biased and incomplete description of the regional impacts of the alternatives. The conclusions in this section emphasize negative outcomes and ignore the analytical assumptions that overstate costs and the resulting negative outcomes.

In spite of the fact that the analysis described in the *Technical Memo* overestimates the costs of adopting the alternatives in the ILRP, Alternatives 3, 4, and 5 yield *net positive* impacts on employment and personal income. According to the *Technical Memo*, total personal income and total regional employment would *increase* with the adoption of Alternatives 3, 4, or 5. (*Technical Memo* p. 4-35)

The Conclusions subsection of the Regional Impacts portion of the *Technical Memo* describes reasons why the analysis likely underestimated the net adverse effects of the alternatives, which overstates the positive impacts on employment and personal income. A more balanced summary of this portion of the analysis would also comment on the reasons why the analysis likely overstates—perhaps significantly—the estimated costs of the alternatives.

The analysts present their IMPLAN assessment of regional impacts without disclosing the limitations of these types of multiplier models, or the implications of these limitation for their conclusions. For example, IMPLAN and other input-output models assume a static economy, or an economy that cannot respond to economic forces and trends, e.g., increasing market pressure to improve irrigation efficiency by switching from flood to sprinkler irrigation. In this example, the IMPLAN limitation compound the deficiencies associated with the study's baseline, which we describe above.

2012
Fresno County
Annual Crop & Livestock Report

County of Fresno

DEPARTMENT OF AGRICULTURE
LES WRIGHT
ACTING AGRICULTURAL COMMISSIONER/
SEALER OF WEIGHTS & MEASURES

Karen Ross, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Fresno

Henry R. Perea, Chairman
Phil Larson Andreas Borgeas
Judith G. Case Deborah A Poochigian
John Navarrette,
County Administrative Officer

I am honored to submit the 2012 Fresno County Agricultural Crop and Livestock Report. This annual statistical compilation presents data pertaining to the acreage, yield, and gross value of Fresno County agricultural products.

Without the cooperation and help from the growers and ranchers, processors, and packers of Fresno County, and industry associations, this report could not be produced. I would like to extend my sincere thanks for their participation and sharing of data that resulted in this report.

The highlight of this report is that for the first time in history, Fresno County has a crop that exceeds one billion dollars in value- GRAPE.

The total gross production value of Fresno County agricultural commodities in 2012 was $ 6,587,266,000. This represents a 3.29 percent decrease from the revised 2011 production value of $6,811,533,700. Increases were seen in seed crops (37.97% = $12,523,000), fruit and nut crops (3.88% = $116,216,000), nursery products (14.55% = $5,201,000), livestock and poultry (17.89% = $172,907,000), apiary products (4.75% = $2,645,500), and industrial crops (5% = $208,800). Decreases in field crops (24.69% = - $376,836,000), vegetable crops (28.2% = - $451,516,000) and livestock and poultry products (10.55% = -$54,929,000) are also reflected in this report. Of utmost importance, it must be emphasized that the values in this report reflect gross values only and do not in any manner reflect net income or loss to the producers.

I would like to convey my appreciation to the entire Department of Agriculture staff for their efforts in bringing this report to you, especially Deputy Agricultural Commissioner, Fred Rinder, Supervising Agricultural/Standards Specialist, Scotti Walker; Support Staff - Angel Gibson, Vera Scott-Slater, Billy Hopper. This report exists because of the dedication and months of work done by our exceptional staff. This version of the annual report will be available only in electronic format on our Department website or by CD upon request.

Sincerely,

Les Wright
Acting Agricultural Commissioner/Sealer

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FRESNO COUNTY DEPARTMENT OF AGRICULTURE

Vision, Mission and Values

VISION

Promoting agriculture and a fair marketplace through equal enforcement of laws for the protection of society and the environment.

MISSION

We are committed to:

- Promoting Fresno County agriculture
- Fostering public confidence by assuring a fair and equitable marketplace
- Protecting environmental quality through the sound application of pesticide and worker safety regulations
- Preserving agricultural land use for future generations
- Minimizing the pest risk pathways of exotic and harmful pests

VALUES

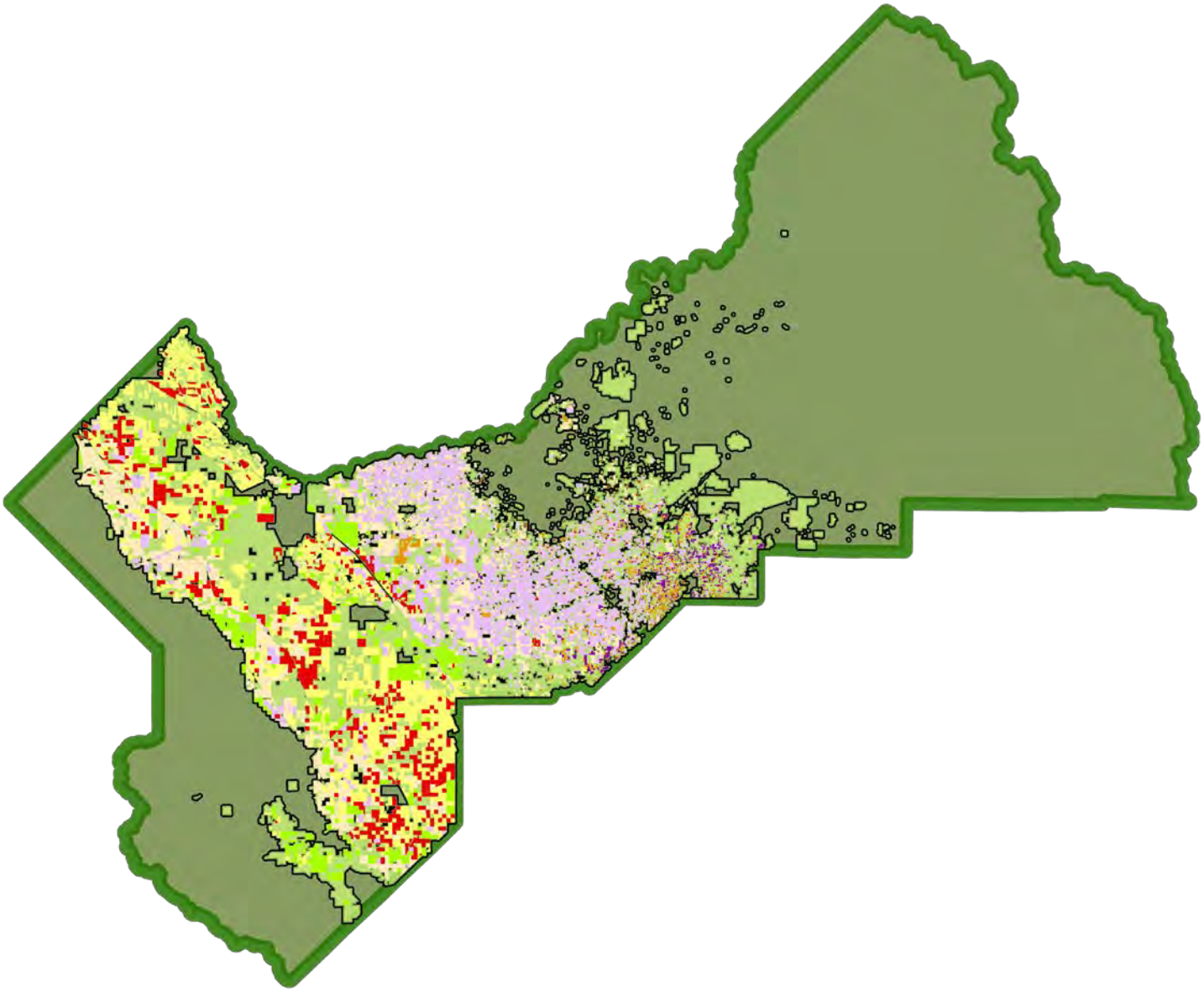
In fulfilling our mission, we commit to:

- Individual and collective responsibility, integrity and accountability of our actions
- Using common sense
- Treating people with respect, consistency and fairness
- Promoting collaboration and teamwork by encouraging and supporting innovation
- Fostering successful partnerships that are consistent with our mission
- Taking pride in our work

"Success is not final, failure is not fatal:
it is the courage to continue that counts."-

Winston Churchill

Prime Minister, Army Officer, Historian,
Nobel Prize Winner for Literature



Fresno County has continued to be the top producing county in the Nation based on gross value of agricultural production. This map depicts Fresno County's expansive agricultural production areas.

TABLE OF CONTENTS

Page

Fresno County's 10 Leading Crops v

2012 Highlights in Retrospect vi

Field Crops 1

Seed Crops 3

Vegetable Crops 4

Fruit and Nut Crops 7

Nursery Products 12

Livestock and Poultry 13

Livestock and Poultry Products 15

Apiary Products and Pollination Services 16

Industrial Crops 17

Statistical Comparisons and Summaries 18

Sustainable Agriculture 19

Fresno County's Export Activity for 2012 21

2012 Organic Farming 22

Growth of Fresno County Agriculture 23

This report is also available at our internet site:

http://www.co.fresno.ca.us/fresnoag

FRESNO COUNTY'S 10 LEADING CROPS

Crop	2012 Rank	2012 Dollar Value	2011 Rank	2002 Rank	1992 Rank
GRAPES	1	$ 1,106,081,000	1	1	1
ALMONDS	2	952,056,000	2	6	11
POULTRY	3	728,503,000	4	3	+
MILK	4	450,064,000	5	5	4
TOMATO	5	433,700,000	3	4	3
CATTLE AND CALVES	6	380,309,000	7	7	5
COTTON	7	272,397,000	6	2	2
PISTACHIOS	8	195,969,000	10	18	30
PEACH	9	169,861,000	15	12	8
PLUM	10	144,909,000	13	10	10
TOP TEN TOTAL		**$ 4,833,849,000**			

+ Not previously combined for ranking purposes.

2012 HIGHLIGHTS IN RETROSPECT

January:
Small grain fields and forage mixes emerged well as growers cultivated beds and applied fertilizers/herbicides as weather permitted. There were fewer fields of dryland grain this year. Alfalfa hay and seed growers removed fall growth with herbicides, grazing sheep, or mowing back to the crown. Field preparation for spring cotton planting continued with bed formation, pre-irrigation, and herbicide applications. Due to dry conditions, many winter crop activities were delayed; and cotton plowdown in Firebaugh District was in process. Vineyards were pruned, trellises and posts repaired, and cuttings shredded. Orchards were cultivated and treated to control weeds, mildew, and mites. After fumigation, new vineyards and orchards were planted. Harvest of winter vegetables was in full swing as winter rotational vegetables were planted. Fall garlic, onions, garbanzo beans, safflower, and spring lettuce were growing well. Several days of freezing temperatures caused limited damage to citrus in some locations. Citrus groves were treated to control mildew. Grapefruit, lemons, mandarins, oranges (Valencia, navel), pummelos, tangelos, and tangerines were harvested, packed, and exported. Despite recent rains, rangeland conditions remained extremely dry. Sheep and lambs grazed semi-dormant alfalfa fields. Lambs born in the fall grazed in foggy fields. Beehives, local and out-of-state, were placed in almond and plum orchards for pollination.

February:
Acreage of small grain fields and forage mixes were down due to the lack of winter rain; but irrigated fields were growing well. Herbicides and fertilizers were applied as needed. Alfalfa and alfalfa seed fields emerged well; while alfalfa hay showed signs of greening. Field activities in preparation for planting of cotton, safflower, and stevia included: bed formation, pre-irrigation, and herbicide applications. Early varieties of stone fruit were in bloom; as fungicides and pre-emergent herbicides were applied to re-planted and pruned orchards. In the vineyards, most growers had completed pruning and tying; but weed control, soil cultivation, irrigation, replacing end posts, and repairing trellis continued. Harvesting of asparagus, broccoli, winter vegetables, lemons, grapefruit, mandarins, navel oranges, pummelos, tangelos, and tangerines were on-going. Fall planted garlic, onion, strawberries, and spring head lettuce were emerging and showed good signs of growth. Blueberry and raspberry transplants arrived from Oregon and Michigan for planting. Rangeland conditions were dry. Sheep and lambs grazed on established alfalfa fields. Beehives (local and out-of-state) were placed in/around almond, pear, and plum orchards for pollination.

March:
Small grain fields including wheat, barley, oats, and forage mixes matured rapidly and headed-out. Alfalfa hay and seed fields grew well in ideal spring weather. First spring cuttings had begun. Cover crops, seed onions, garbanzo beans, and safflower continued to grow well. Cotton and field corn growers cultivated their fields by removing weeds, applying herbicides, irrigating with sprinklers and reshaping beds prior to planting. Almond and stone fruit bloom was complete. Pistachios, walnuts, pomegranates, cherries, apples, apricots, grapes, peaches, plums, nectarines, and prunes all grew well. Vineyard and orchard operators applied herbicides, fungicides, miticides, and fertilizers to control weeds, pests, and mildew. Cover crops continued to grow well. Harvesting of winter vegetables continued; but was just beginning for asparagus, broccoli, pea shoots, and some spring head lettuce. Field crews set out transplants for processing tomatoes and prepared fields for planting bell peppers, carrots, cantaloupes, honeydews, and watermelons. Spring garlic and onions continued steady growth. Blueberries and strawberries had set fruit with signs of coloring. Olive groves were

March continued:
dormant. Navel oranges, grapefruit, lemons, tangerines, and tangelos continued to be harvested and packed. A few growers netted their seedless mandarin orchards in preparation of bloom. Sheep, lambs, and cattle grazed on retired farmland, rangelands, and alfalfa hay fields. Rangeland grasses got a slight boost from scattered showers; but remained poor for this time of year. Bees originally placed in blueberry, pear, plum, cherry, and almond orchards were either moved to citrus in preparation of bloom or transported out-of-state.

April:
Dryland grain, wheat, barley, oats, and forage mixes were maturing rapidly in ideal spring weather; fields had headed out as growers continued to irrigate. Recent rains had also caused lodging in some wheat fields. Wheat and winter forage were harvested for green chop, silage and livestock feed. Levees in rice fields were flooded and prepared for planting. Alfalfa was cut for hay; as seed alfalfa growers mowed back and sheeped off early spring foliage to encourage uniform growth. Field and sweet corn grew well. Cotton, cantaloupe, honeydew, watermelon, and safflower plantings emerged well. Some growers were applying systemic insecticides while planting; others were weeding with herbicides, by hand crews or cultivation. Pre-irrigation, soil fumigation and bed shaping was on-going in preparation for planting. Garbanzo beans and cover crops grew well. Almonds, apples, apricots, cherries, grapes, jujubes, nectarines, peaches, persimmons, pistachios, plums, pomegranates, prunes, brown turkey, and walnuts were all growing well. Stone fruits were thinned and treated to control mildew. Cherry harvest was a few weeks late and anticipated to begin in May. Some cherry growers used large fans on their sprayers to blow rain off of fruit to avoid splitting. Kerman District vineyards were surprised with frost and hail at the beginning of the month; but overall, growers continued the business of suckering, thinning shoots, and tying vines. Fungicides and sulfur to control mildew, along with other herbicides and insecticides were applied. Strong wind and rain delayed growth in hot houses and crops protected by plastic covers. Some vegetables had to be re-planted due to the cold, wet weather. Harvest of asparagus, broccoli, carrots, leafy vegetables, cucumbers, spring lettuce, squash, beets cauliflower, snow/sugar snap peas, onions, garlic, blueberries, strawberries, and hot-housed herbs were in full swing. Citrus Bloom was declared for all districts. New citrus bed preparation continued and foliar nutrients were applied to oranges. Tangerines and mandarins were netted to reduce pollination. Ranchers grazed cattle and sheared sheep on rangeland, retired farmland, alfalfa, and idle fields. Bees were removed from almond, pear, and plum orchards; and placed in citrus groves for honey production.

May:
Wheat was close to harvesting; but still drying down. Small grain crops like barley and oats showed mature seed heads as growers prepared for harvest. Fields of winter forage was chopped for silage and livestock feed as harvested fields were disced and cultivated for planting. Rice fields were fertilized, flooded and seeded; earlier planted fields emerged with good stands. Seed alfalfa, safflower, garbanzo beans, and cotton grew well. Mustard seed was harvested. Growers continued to cultivate, irrigate, and apply treatments of miticides, herbicides, and fertilizers to newly planted and established vineyards and orchards. Stone fruit, cherries, apples, figs, grapes, jujubes, almonds, pistachios, and walnuts showed good growth as the trees and vines leafed out. Cherry harvest was light for some growers due to cold temperatures during bloom. Grape shoots and bunches were thinned, vines tied, and sulfur applied to control mildew. Irrigation continued in vineyards as cover crops were mowed and disced. Spring crops of onions and garlic were treated with herbicides and insecticides. Bell peppers, carrots, onion seed and sweet corn showed good growth. Transplanting of

May continued:
processing tomatoes and fresh tomatoes continued. Harvest of cucumbers, eggplants, fava and green beans, beets, the choys, chards, and kales, daikon, herbs, green and red onions, opo, sinqua, spinach, sugar snap and snow peas, squash, mustards, turnips, zucchini, and hot housed tomatoes continued. Watermelon, cantaloupe and honeydews were planted and some were already flowering; subsequent fields continued to be planted. Field activities included weeding with herbicides, hand crews or cultivation, pre-irrigation, soil fumigation, and shaping of beds. Blueberries and strawberries were harvested and sold at roadside stands. Boysenberries and blackberries were blooming. Petal fall was declared for all districts. Citrus fields were growing nicely as new groves were planted and/or transplanted. Netting was removed from tangerine and mandarin trees. Bees were placed in pomegranate orchard, onion seed, squash and melon fields for pollination; and in citrus groves for honey production. Cattle and sheared sheep grazed on rangelands, dryland grain, alfalfa, and idle fields.

June:
Harvest of small grain crops like barley and wheat continued. Oat harvest was complete as growers prepared for the next rotational crop. Winter forage was mature and chopped for livestock feed. Rice grew well and was treated with herbicides for weed control. Growers continued their summer-long cycle of cutting, windrowing, raking, and baling for the production of alfalfa hay; and irrigating seed alfalfa fields which were in full bloom. Cotton growers continued to cultivate, irrigate and apply miticide and/or herbicide treatments. Garbanzo beans dried down in preparation for harvest. Some stone fruits showed signs of hail damage and softening due to heat; but a string of cool nights encouraged excellent flavor and overall development. Late varieties of apricots, nectarines, plums, and peaches continued to be thinned and irrigated. Almonds, walnuts, pistachios, and grapes were maturing well and received miticide treatments as needed. Sulfur was also applied in vineyards to control mildew. Pomegranates, jujubes, persimmons, figs, and olives were setting fruit and sizing. Field activities included discing, weed control, and irrigation. The harvest of onions, garlic, sweet corn, leafy vegetables, and melons had begun. Bell peppers, carrots, fresh market tomatoes, and seed lettuce grew nicely. Cherry and blueberry harvests ended mid-June. Boysenberries and the more heat-tolerant strawberries seemed to extend their harvests through June into July. Harvest of grapefruit, tangelos, oranges and lemons were well underway; and netting removed from mandarin and tangerine groves. Bees were removed from citrus areas and placed in cucurbits, melon and squash fields for pollination. Seed fields were visited by both honey and leaf cutter bees. Rangeland grasses, harvested grain fields, and idle fields were grazed by sheep and cattle.

July:
Harvest of small grain crops were winding down as the cycle of cutting, windrowing, and baling was well underway. Rice fields had good stands and received aerial herbicide applications. Winter forage was chopped for livestock feed. Seed alfalfa fields received insecticide treatments prior to placement of leaf cutter bees. Alfalfa for hay production continued to be cut, windrowed and baled. Sudan grass, sorghum, silage corn, and seed lettuce grew well. Safflower and cotton fields were in bloom. The harvest of garbanzo beans began. Nectarines, peaches, plums, pomegranates, pistachios, and walnuts grew well as the trees and vines pushed out their summer canopy of leaves producing fruits and nuts. Hull split in almonds started in July; and growers applied insecticides to control navel orange worm, peach twig borer and other Lepidoptera insects. Wine and raisin grape bunches continued to size as table grape harvest began. Orchard and vineyard operators continued to treat crops to control fungus, mold, mildew, mites, and weeds. Furrows were knocked down and terracing

July continued:
for grape trays occurred. Figs, jujubes, and persimmons sized well. Harvest continued for apples, apriums, Asian pears, nectarines, peaches, plums, and pluots. Harvest was also underway for garlic, bell peppers, carrots, onions, sweet corn, summer vegetables, tomatoes, and melons. Preparation of subsequent fields and field activities such as- weed removal, irrigations, hand crews or cultivation, and shaping of beds- were ongoing. Harvest of heat tolerant strawberries, boysenberries, and loganberries continued; as blueberries came to a close. Olives and citrus fruit developed well; while growers prepared ground for new groves. Late navels and Valencia oranges, tangelos, grapefruit, and lemons were packed and exported. Sheep and cattle grazed rangeland grasses, grain, and idle fields. Beehives were placed in/around melon and squash plantings for pollination. Alfalfa fields were visited by honey bees and leaf cutter bees.

August:
Rice fields were headed out; and milo, seed alfalfa, and black-eyed peas neared harvest. Some wheat fields were baled; as Sudan grass and sorghum for feed grew well. Corn for silage matured and was harvested at varying stages due to staggered planting dates. Cotton was in bloom and setting bolls in the favorable summer heat. New vineyards, orchards, and citrus groves were planted. Existing almond, pistachio, and walnut orchards continued steady growth with some Eastside growers reporting that hull split occurred causing orchards to be shaken and swept. Stone fruit and grape (table, juice, wine) harvests were ongoing. Vineyard rows were terraced, furrows knocked down and canes cut on dried-on-vine (DOV) raisin grapes after their last irrigation; some growers had even began to lay grapes down for raisins. Persimmons, pomegranates, jujubes, tangerines, oranges, and olives were sizing with fruit breaking color. Vegetable harvest continued for tomatoes (fresh market, processed, cherry), bell peppers, garlic, seed lettuce, summer vegetables and sweet corn for human consumption. Field activities included: cultivation, shaping of beds, pesticide applications, irrigation, hand crews, soil fumigation, and weed removal. Broccoli beds were prepared and strawberry acreage fumigated. Valencia oranges within the County and coastal lemons were packed. Rangeland grasses continued to be dry and extremely sparse. Sheep and cattle grazed grain stubble, alfalfa, and idle fields. Beehives were placed in/around alfalfa seed, fall melon and squash fields for pollination.

September:
Rice harvest began this month. Wheat, winter forage for livestock, and other small grain crops harvests were completed with their fields being disced and prepared for the next rotational crops. Alfalfa and Sudan grass hay fields were being cut, windrowed, raked and baled. Cotton fields continued to bloom and set bolls; as others were being prepared for defoliation. Sorghum, corn for grain, lettuce seed, dry beans, seed alfalfa, almonds, pistachios, walnuts, and grapes were harvested. Late season table grapes were covered with plastic; terraced vineyard drives re-leveled; and vines irrigated. Orchards and vineyards continued to receive fungicide, herbicide, and/or miticide treatments. Pomegranates, persimmons, and jujubes continued to grow well as they received the last irrigation before harvest. Stone fruits, brown turkey figs, sweet corn, tomatoes, bell peppers, carrots, cucumbers, garlic, onions, green beans, summer vegetables, and melon harvests were in full swing. Fall broccoli, pumpkins, and olives grew nicely. Lemons were packed. Citrus were sizing with tangerines stalled in coloring as the hot weather continued through the end of the month. Rangeland conditions were poor. Sheep and cattle continued to graze rangeland, crop stubble, idle fields, and harvested melon fields. Bees were removed from some alfalfa seed fields; but remained in melon field.

October:
Rice harvest was almost complete as Sudan grass, dryland wheat, and rice straw were baled for hay. Wheat fields were disced as growers cultivated beds in preparation for next season's rotational crops. Previously planted winter barley and wheat fields grew well. Alfalfa growers continued cutting, windrowing, raking, and bailing the last crop for the year. Cotton defoliation continued as harvest began with growers packing modules and delivering them to local gins. Field corn and milo was harvested for green chop and stored for the production of silage. Orchards and vineyards received herbicide, fungicide and miticide treatments as needed. Grapes (table, juice, wine) harvest continued as raisin grapes ended with robust yields. Pistachios, almonds, walnuts, pomegranates, apples, brown turkey figs, jujubes, Asian pears, persimmons, and stone fruits were all harvested. Due to unseasonably hot weather, strawberry development was slow; but, that that had not affected some roadside stands. Harvest of garlic, carrots, okra, bell peppers, broccoli, sweet corn, cucumbers, olives, tomatoes, summer vegetables, and leafy vegetables continued. Although citrus harvest had not yet started, some boxed citrus arrived at local sheds for storage and distribution. Sheep and cattle grazed on idle fields, rangelands, crop stubble, and established small grain fields. Bees were placed in staging areas for the winter.

November:
Aerial applications of wheat and barley seed continued with some early planted fields- that were under sprinkler irrigation- showing good stands. Rice straw was bundled and burned; as alfalfa hay received its last cutting for the year. Harvest of rice, winter forage for livestock, cotton, stevia, almonds, pistachios, walnuts, wine grapes, and jujubes were essentially done for the season. Growers complied with cotton plowdown requirements. Some sorghum, corn, oat, and milo fields continued to mature; while others were cut for silage. Field activities included cultivation, shredding, discing, and applications of pre-emergent herbicides. Harvester inspections were ongoing. Table grapes, persimmons, pomegranates, broccoli, carrots, lettuce, and olive harvest continued. Vineyard and orchard operators were pruning, shredding brush, irrigating, cultivating, and fumigating acreage for re-planting. Unseasonably warm weather followed by mid-November rain and cold, cut the strawberry season short and caused most green beans to go out of production. Garlic, onion, sweet corn, tomato, and summer vegetable harvest was complete; while winter vegetables like beets, chards, choys, kales, daikon, and greens continue to grow well. New citrus orchards were planted as tangerines sized and broke color. Rangelands were greening with the early rains and cooler temperatures. Sheep and cattle grazed idle fields, rangelands, harvested crop stubble, established alfalfa, and small grain fields. Bees were moved to overwintering locations.

December:
Growers were busy preparing rice beds and planting barley, oats, and wheat for next season. Cotton harvest was complete with only a few Firebaugh District fields out-of-compliance with pink bollworm plowdown requirements. Many growers were awaiting water allocation before planning next season's cotton crops. New alfalfa hay fields were seeded and new citrus groves planted. Milo, stevia, broccoli, winter vegetables, and citrus were harvested. Early planted onion and garlic fields were germinating. Harvest was complete for grapes, persimmons, pomegranates, almonds, pistachios, walnuts, carrots, lettuce, bell pepper, winter squash, and processing tomatoes. Spring garlic, onion, lettuce, and leafy vegetables like mustard greens and broccoli raab showed good growth. Overall field activities included bed shaping, cultivation, irrigation, and the application of fertilizers/herbicides/fungicides. Rangeland conditions were very dry. Sheep and cattle grazed rangelands, small grain and established alfalfa fields. Honey bees for pollination were placed-in central distribution areas and Almond Alley along Interstate 5.

FIELD CROPS:

The total gross returns for field crops decreased by $102,204,000, from $675,810,000 to $571,698,000 or 15.12 percent from 2011, this is mainly due to a decrease in cotton acreage. Upland cotton acreage decreased from 35,000 acres to 19,500 acres, and Pima acreage decreased from 106,000 to 83,000 acres. The total value for all cotton was $272,397,000, a decrease of $124,498,000, or 31.37 percent from 2011. Barley increased in total value by 201.36 percent due to a 50.84 percent increase in acreage and a 24.8 percent increase in value per unit. Irrigated pasture was unchanged with a total value of $5,000,000. The total value of dry beans increased to $7,280,000, or 51.67 percent, due to an increase in acreage of 1,160 acres.

SEED CROPS:

Total gross returns for all seed crops increased by 37.97 percent in 2012, this was an increase of $12,523,000 from 2011 values. The value of certified alfalfa seed increased by 62.77 percent or $7,450,000, due to an increase in production to 885 lbs per acre, up from 689 lbs per acre in 2011. The value of certified cotton seed experienced a decrease of 63.82 percent or $482,000 due to a reduction in acreage. Vegetable seed increased in total value by 21.53 percent while the seed other category increased by 45.31 percent.

VEGETABLE CROPS:

The total value for all vegetable crops was $1,149,705,000 in 2012. Fresh garlic decreased in total value by 56.34 percent and processed garlic by 31.4 percent, due to a decrease in harvested acreage of 15,800 acres along with a decrease in production per acre and price per ton. Head lettuce decreased in total value by $21,746,000 or 24.63 percent despite a slight increase in acreage due to lower overall yields accompanied by a lower price per ton received. Leaf lettuce showed an increase in total value of 72.19 percent due to an increase in production per acre along with an increase in the price per ton. Cantaloupe experienced a decrease in total value of only 1.69 percent in value despite an 11.36 percent decrease in harvested acreage. Fresh onion acreage decreased by 10,480 acres resulting in a decrease in total value of 51.21 percent, while the value of processed onions increased by 24.68 percent due to an increase in acreage of 2,700 acres.

FRUIT AND NUT CROPS:

Fruit and nut crops increased in total value by 3.88 percent, or $116,071,000, from $2,993,017,000 in 2011 to $3,109,233,000 in 2012. Since 2002 grapes have remained number one on the county's top ten crop list. In 2012 grapes became the first billion dollar crop for Fresno County. The total value for grapes was $1,106,081,000 up $144,304,000 or 15 percent from 2011. The 2012 almond crop increased in total value by 14.5 percent, or $120,568,000, from $831,488,000 in 2011 to $952.056,000. Pistachios increased by $19,373,000, or 10.97 percent to $195,969,000, resulting from an increase in harvested acres. Tangerine/mandarin had a value of $76,577,000 a decrease of 53.88 percent or $89,473,000 and total value for oranges also decreased by 35.68 percent to $126,207,000 due to the winter freeze. Nectarines decreased in value by $38,288,000 or 27.02 percent from 2011 due to a decrease in acreage and production per acre. The total value for peaches increased by $66,169,000, or 63.81 percent due to an increase in harvested acres as well as an increase in production per acre. The value for olives canned increased to $3,996,000, due to an increase in acres.

NURSERY:

Nursery product sales increased 14.55 percent or $5,201,000 in 2012 to $40,951,000 from $35,750,000. While ornamental trees and shrubs decreased in total value by 63.27 percent or $5,773,000, the other category, which includes bareroot fruit trees, Christmas trees, citrus (budwood and trees), grapes (rooting and cuttings), vegetable transplants, and turf, increased in value by 49.89 percent, or $10,767,000.

LIVESTOCK AND POULTRY:

The total gross returns for livestock and poultry for 2012 was $1,139,624,000, which is an increase of 17.89 percent from the 2011 total of $966,717,000. Cattle and calves increased in value by 8.11 percent or $28,527,000 from the 2011 value due to increases in the price paid per hundred weights. The value of slaughter stock increased by 15.26 percent to $173,031,000, due to an increase in total live weight sold, coupled with an increase in the price. The value of hogs and pigs increased slightly due to an increase in the price per hundred weights. The total value for lambs increased by 33.01 percent due to an increase in the lamb price and the number of head sold. The total value of turkeys decreased to $80,809,000, or 11.95 percent, due to a decrease in the price per pound and the number of birds sold. The other livestock category, which includes chickens, ducks, fish, game birds, goats, beneficial insects, squab, old turkey breeders and poults, and vermiculture increased in value in 2012 by $151,126,000 a 30.34 percent increase over 2011.

LIVESTOCK AND POULTRY PRODUCTS:

The total value for livestock and poultry products decreased by $54,929,000 or 10.55 percent, to $465,971,000. Manure increased in value by 25.09 percent from $4,082,000 in 2011 to $5,106,000 in 2012. Prices for both market and manufacturing milk decreased this year to $16.83 for market, and $17.90 for manufacturing. The price per dozen for hatching egg production increased this year by 32.67 percent, however total production was down by 34.03 percent, resulting in an overall decrease in value of 12.47 percent.

APIARY PRODUCTS AND POLLINATION SERVICES:

Gross returns from apiary and pollination services were $58,294,500 in 2012 up $2,645,500 from 2011. Pollination for seed crops increased in value by 125.3 percent to $525,000, while pollination for vegetable crops decreased in value by 43.1 percent to $887,000. The value of honey increased by 56.33 percent to $1,463,000 and the value of beeswax was up by 50.67 percent to $493,000.

INDUSTRIAL CROPS:

Industrial crop values increased to $4,381,000 or 5 percent over 2011. Firewood decreased the number of cords sold and the value dropped by 14.75 percent, while the other category, which includes fence posts, green compost, and wood chips for biomass and landscaping, showed an increase of 12.94 percent. Timber saw a decrease of 6.99 percent to a value of $1,518,000.

FRESNO COUNTY

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Barley	2012	27,000	1.68	45,400	ton	$ 307.00	$ 13,938,000
	2011	17,900	1.05	18,800	ton	$ 246.00	$ 4,625,000
Beans, dry [a]	2012	5,020	1.45	7,280	ton	1,000.00	7,280,000
	2011	3,860	1.48	5,710	ton	809.00	4,619,000
Corn							
Grain	2012	1,200	7.20	8,640	ton	250.00	2,160,000
	2011	1,600	4.99	7,980	ton	250.00	1,995,000
Silage	2012	43,400	24.42	1,060,000	ton	46.00 [b]	48,760,000
	2011	37,700	20.20	762,000	ton	50.00 [b]	38,100,000
Cotton							
Upland	2012	19,500	1,662 [c]	64,800 [d]	bale	.78 [e]	25,474,000
Lint	2011	35,000	1,470 [c]	103,000 [d]	bale	1.20 [e]	62,294,000
Seed	2012			22,700	ton	375.00	8,513,000
	2011			37,600	ton	360.00	13,536,000
Pima	2012	83,000	1,827 [c]	303,000 [d]	bale	1.29 [e]	196,998,000
Lint	2011	106,000	1,689 [c]	358,000 [d]	bale	1.54 [e]	277,865,000
Seed	2012			119,000	ton	348.00	41,412,000
	2011			144,000	ton	300.00	43,200,000
Cotton Total [f]	**2012**	**102,500**					**272,397,000**
	2011	**141,000**					**396,895,000**
Hay							
Alfalfa	2012	72,200	7.41	535,000	ton	207.00	110,745,000
	2011	62,700	7.11	446,000	ton	231.00	103,026,000

FRESNO COUNTY

FIELD CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Hay							
Other [g]	2012	24,100	4.45	107,000	ton	$ 153.00	$ 16,371,000
	2011	19,830	2.39	47,000	ton	$ 172.00	$ 8,084,000
Pasture and Range							
Field	2012	22,100			acre	32.04	708,000
Stubble [h]	2011	15,600			acre	46.79	730,000
Irrigated	2012	40,000			acre	125.00	5,000,000
Pasture	2011	40,000			acre	125.00	5,000,000
Grazing	2012	825,000			acre	13.00	10,725,000
Range	2011	825,000			acre	12.00	9,900,000
Rice	2012	3,240	3.12	10,100	ton	327.00	3,303,000
	2011	3,340	3.39	11,300	ton	320.00	3,616,000
Wheat	2012	38,000	2.74	104,000	ton	265.00	27,560,000
	2011	88,200	2.62	231,000	ton	252.00	58,212,000
Other [i]	2012	88,100					54,659,000
	2011	59,100					41,008,000
Total	**2012**	**1,269,760**					**$ 573,606,000**
	2011	**1,300,230**					**$ 675,810,000**

a Includes garbanzo and lima (baby and large)
b Field price
c Pounds of lint per acre
d 500 pounds lint per bale
e Price per pound, 504 pounds gross weight per bale
f Not used for top 10 ranking; does not include cotton seed for planting
g Includes hay from: barley, grass, oats, Sudan, triticale, wheat, and winter forage
h Not included in total field crop acreage; includes acreage from alfalfa hay (conventional and organic), barley, broccoli, mustard, and wheat
i Includes oat grain, rice bran, rice mixed feed, safflower, silage (alfalfa, barley, oat, sorghum, triticale, wheat, and winter forage), straw; **organic:** alfalfa and rice

FRESNO COUNTY

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Alfalfa	2012	7,450	885	6,593,000	lb	$ 2.93	$ 19,318,000
Certified	2011	7,330	689	5,050,000	lb	$ 2.35	$ 11,868,000
Cotton [a]	2012	920		1,249,000	lb	.22	275,000
Certified	2011	2,220		3,621,000	lb	.21	760,000
Vegetable [b]	2012	1,830					18,710,000
	2011	3,440					15,396,000
Other [c]	2012	4,480					7,197,000
	2011	5,080					4,953,000
Total	**2012**	**13,760**					**$ 45,500,000**
	2011	**15,850**					**$ 32,977,000**

a Included in field crop acreage
b Broccoli, garlic, jojoba bean, kohlrabi, lettuce (head and leaf), misc. vegetables, mizuna, mustard, and radish
c Alfalfa non-certified, barley, sudangrass, triticale, and wheat

FRESNO COUNTY

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Asparagus	2012	3,060	3.95	12,100	ton	$ 2,940.00	$ 35,574,000
	2011	1,050	5.56	5,840	ton	$ 3,000.00	$ 17,520,000
Bell Peppers [a]	2012	2,340	16.53	38,700	ton	553.00	21,401,000
	2011	1,840	21.52	39,600	ton	679.00	26,888,000
Broccoli [a]	2012	8,020	6.76	54,200	ton	565.00	30,623,000
	2011	9,090	8.64	78,500	ton	758.00	59,503,000
Eggplant [b]	2012	890	14.45	12,900	ton	580.00	7,482,000
	2011	1,090	14.86	16,200	ton	783.00	12,685,000
Garlic							
Fresh	2012	5,100	8.41	42,900	ton	2,400.00	102,960,000
	2011	7,200	9.32	67,000	ton	3,520.00	235,840,000
Processed	2012	10,700	7.89	84,400	ton	402.00	33,929,000
	2011	15,300	8.98	137,000	ton	361.00	49,457,000
Head Lettuce							
Naked				15,800	ton		
Wrapped				52,900	ton		
Bulk				27,000	ton		
Spring	2012	5,780	16.56	95,700	ton	294.00	28,136,000
Season Total	2011	6,640	17.11	113,600	ton	356.00	40,442,000
Naked				17,000	ton		
Wrapped				59,800	ton		
Bulk				41,400	ton		
Fall	2012	8,200	14.41	118,200	ton	325.00	38,415,000
Season Total	2011	6,910	16.30	112,600	ton	425.00	47,855,000
Head Lettuce	**2012**	**13,980**		**213,900**			**66,551,000**
Totals	**2011**	**13,550**		**226,200**			**88,297,000**

FRESNO COUNTY

VEGETABLE CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Lettuce Leaf [c]	2012	7,340	11.17	82,000	ton	$ 740.00	$ 60,680,000
	2011	6,850	9.47	64,900	ton	$ 543.00	$ 35,241,000
Melons							
Cantaloupe [a]	2012	15,600	16.86	263,000	ton	296.00	77,848,000
	2011	17,600	15.57	274,000	ton	289.00	79,186,000
Honeydew	2012	5,000	15.24	76,200	ton	474.00	36,119,000
	2011	4,510	18.78	84,700	ton	365.00	30,916,000
Mixed Melons [d]	2012	2,030	15.71	31,900	ton	404.00	12,888,000
	2011	3,130	13.23	41,400	ton	610.00	25,254,000
Watermelon	2012	2,360	18.98	44,800	ton	475.00	21,280,000
	2011	2,610	17.16	44,800	ton	306.00	13,709,000
Onions							
Fresh	2012	6,920	30.64	212,000	ton	322.00	68,264,000
	2011	17,400	30.68	534,000	ton	262.00	139,908,000
Processed	2012	15,500	18.84	292,000	ton	138.00	40,296,000
	2011	12,800	18.98	243,000	ton	133.00	32,319,000
Oriental	2012	2,031	6.21	12,600	ton	758.00	9,551,000
Vegetables [e]	2011	2,000	7.16	14,300	ton	813.00	11,643,000
Squash [f]	2012	1,950	10.09	19,700	ton	610.00	12,017,000
	2011	1,900	10.68	20,300	ton	532.00	10,800,000
Sweet Corn	2012	12,800	7.22	92,400	ton	359.00	33,172,000
	2011	14,450	9.74	141,000	ton	453.00	63,873,000

FRESNO COUNTY

VEGETABLE CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Tomatoes							
Standard	2012	8,430	19.71	166,000	ton	$ 358.00	$ 59,428,000
and Cherry	2011	9,260	33.96*	314,000*	ton	$ 610.00	$ 191,540,000*
Processed	2012	97,600	56.39	5,504,000	ton	68.00	374,272,000
	2011	95,200	54.94*	5,230,000*	ton	70.00	366,100,000*
Tomatoes Total	**2012**	**106,030**					**443,700,000**
	2011	**104,460**					**557,640,000***
Other [g]	2012	9,370					45,370,000
	2011	9,100					35,862,000
Total	**2012**	**231,021**					**$ 1,149,705,000**
	2011	**245,930**					**$ 1,526,541,000***

a Includes fresh and processed
b Includes Chinese, Globe, Indian, Italian, Little Finger, Philippine, and Thai varieties
c Includes Red, Green, Butter, and Romaine varieties
d Includes mixed unspecified varieties.
e Includes amaranth, bitter melon (fruit and leaf), bok choy (baby, regular and Shanghai), napa cabbage, chayote, choy sum, daikon, doan gwa, gai choy, gailon, kabocha (fruit and leaf), lemon grass, lo bok, long beans, moqua, mora, okra leaf (saluyote), opo, sinqua (ribbed & smooth), sugar peas (fruit and leaf), sugar cane, sour leaf, taro, tong ho, yam (root and leaves), and yu choy
f Includes summer and winter varieties
g Includes artichokes, arugula, succulent beans (fresh-fava, green snap, hyacinth, Indian, yellow wax), beets, cabbage (fresh and processed), carrots (fresh and processed), cauliflower, celery , collards, corn processed (cornnuts and tortilla chips), cucumbers market type, dandelion green, mustard (fresh and processed), gourds, guar, jicama (yam beans), kale, kohlrabi, leeks, mushrooms, okra, green onions, peanuts, chili pepper (fresh & leaf), potatoes, pumpkins, radishes, spinach (fresh and processed), sunchokes, Swiss chard, tomatillos, turnips; **herbs:** basil, cilantro, dill, fennel, mint, and parsley (dry and fresh); **organic:** succulent beans (green/snap), broccoli, cabbage, carrot, cauliflower, eggplant, spinach (fresh and processed), squash (summer and winter), and tomatoes (standard and processed)
***** Revised

FRESNO COUNTY

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Almonds [a]	2012	153,848	1.34	206,000	ton	$ 4,251.00	$ 875,706,000
	2011	150,008	1.47	221,000	ton	$ 3,496.00	$ 772,616,000
Almonds Hulls	2012			509,000	ton	150.00	76,350,000
	2011			446,000	ton	132.00	58,872,000
Apples [a]	2012	448	14.15				
	2011	663	21.95				
Fresh	2012			4,550	ton	1,538.00	6,998,000
	2011			11,900	ton	937.00	11,150,000
Processed	2012			1,790	ton	90.00	161,000
	2011			2,650	ton	90.00	239,000
Apricots [a]	2012	1,474	9.97	14,700	ton	1,044.00	15,347,000
	2011	1,705	4.27	7,280	ton	1,159.00	8,438,000
Cherries	2012	3,962	2.76	10,900	ton	3,820.00	41,638,000
	2011	3,173	3.10	9,840	ton	3,245.00	31,931,000
Citrus	2012	2,554	10.50				
Lemons	2011	2,276	15.00				
Fresh	2012			26,800	ton	682.00	18,278,000
	2011			34,100	ton	900.00	30,690,000
Oranges							
Navel [a]	2012	21,086	14.02				
	2011	21,112	15.57				
Fresh	2012			228,000	ton	457.00	104,196,000
	2011			262,000	ton	644.00	168,728,000
Processed	2012			67,600	ton	69.00	4,664,000
	2011			67,100	ton	77.00	5,167,000

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Oranges, continued							
Valencia	2012	2,648	18.56				
	2011	2,613	19.87				
Fresh	2012			35,100	ton	$ 448.00	$ 15,725,000
	2011			37,900	ton	$ 543.00	$ 20,580,000
Processed	2012			14,100	ton	115.00	1,622,000
	2011			14,000	ton	124.00	1,736,000
Oranges Total	**2012**	**23,734**					**126,207,000**
	2011	**23,725**					**196,211,000**
Tangerine/ Mandarin	2012	8,135	10.07				
	2011	7,488	18.00				
Fresh	2012			81,900	ton	935.00	76,577,000
	2011			135,000	ton	1,230.00	166,050,000
Citrus, other [a, b]	2012	1,511	10.72				
	2011	1,250	11.00				
Fresh	2012			16,200	ton	604.00	9,785,000
	2011			13,800	ton	1,111.00	15,332,000
Grapes							
Raisin Varieties [a]	2012	180,066	8.71				
	2011	165,654	10.35				
Canned	2012			2,940	ton	464.00	1,364,000
	2011			5,570	ton	275.00	1,532,000

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Grape Raisin varieties, continued							
Crushed	2012			183,000	ton	$ 320.00	$ 58,560,000
	2011			247,000	ton	$ 266.00	$ 65,702,000
Dried	2012			284,000	ton	1,911.00	542,724,000
	2011			295,000	ton	1,584.00	467,280,000
Fresh	2012			38,700	ton	1,582.00	61,223,000
	2011			33,000	ton	1,087.00	35,871,000
Juice	2012			9,000	ton	889.00	8,001,000
	2011			13,000	ton	870.00	11,310,000
Table Varieties [a]	2012	12,007	9.33				
	2011	11,281	11.39				
Crushed	2012			12,000	ton	288.00	3,456,000
	2011			19,500	ton	233.00	4,544,000
Fresh	2012			100,000	ton	1,552.00	155,200,000
	2011			109,000	ton	1,422.00	154,998,000
Wine Varieties [a]	2012	63,041	10.99				
	2011	47,041*	13.18*				
Crushed	2012			662,000	ton	374.00	247,588,000
	2011			610,000	ton	347.00	211,670,000
Juice	2012			30,900	ton	905.00	27,965,000
	2011			10,000	ton	887.00	8,870,000
Grapes Total	**2012**	**255,114**					**1,106,081,000**
	2011	**223,976***					**961,777,000**
Kiwifruit [a]	2012	312	8.59	2,680	ton	646.00	1,731,000
	2011	274	12.52	3,430	ton	1,400.00	4,802,000

FRESNO COUNTY

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Nectarines [a]	2012	11,294	8.90	101,000	ton	$ 1,024.00	$ 103,424,000
	2011	11,685	11.64	136,000	ton	$ 1,042.00	$ 141,712,000
Olives, canned [a]	2012	1,698	2.72	4,620	ton	865.00	3,996,000
	2011	1,461	2.41	3,520	ton	865.00	3,045,000
Peaches							
Cling [a]	2012	1,826	17.74	32,400	ton	315.00	10,206,000
	2011	1,254	11.64	14,600	ton	317.00	4,628,000
Freestone [a]	2012	15,756	11.74	185,000	ton	863.00	159,655,000
	2011	10,648	10.89	116,000	ton	854.00	99,064,000
Peaches Total	**2012**	**17,582**					**169,861,000**
	2011	**11,902**					**103,692,000**
Pears, Asian and European	2012	1,197	11.53	13,800	ton	1,356.00	18,713,000
	2011	1,169	13.77	16,100	ton	1,606.00	25,857,000
Persimmons [a]	2012	1,066	5.58	5,950	ton	1,377.00	8,193,000
	2011	504	4.33	2,180	ton	1,025.00	2,235,000
Pistachios [a]	2012	34,001	1.40	47,600	ton	4,117.00	195,969,000
	2011	27,690	1.53	42,400	ton	4,165.00	176,596,000
Plums [a]	2012	14,591	9.55	139,000	ton	988.00	137,332,000
	2011	12,557	10.43	131,000	ton	907.00	118,817,000
Plums, dried	2012	2,133	3.42	7,300	ton	1,038.00	7,577,000
	2011	2,057	2.81	5,780	ton	1,082.00	6,254,000
Pluot	2012	1,129	5.79	6,540	ton	1,013.00	6,625,000
	2011	1,134	10.32	11,700	ton	1,360.00	15,912,000

FRESNO COUNTY

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Pomegranates	2012	8,081	5.26				
	2011	7,295	8.14				
Fresh	2012			13,800	ton	$ 1,207.00	$ 16,657,000
	2011			7,360	ton	$ 1,082.00	$ 7,964,000
Juice	2012			28,700	ton	158.00	4,535,000
	2011			52,000	ton	278.00	14,456,000
Walnuts [a]	2012	8,026	1.59	12,800	ton	2,685.00	34,368,000
	2011	7,155	2.23	16,000	ton	2,943.00	47,088,000
Other [c]	2012	7,892					47,124,000
	2011	6,740					71,281,000
Total	**2012**	**559,782**					**$ 3,109,233,000**
	2011	**510,250**					**$ 2,993,017,000**

a Acreage, production, and value are included in other fruit and nut crops: 166 acres apricot (processed), 527 acres olives (oil), 1,896 acres peaches freestone (processed), 6 acres peaches cling (fresh); **organic:** 449 acres almonds, 2,458 acres grapes (raisin), 4 acres grapes (table), 30 acres grapes (wine), 11 acres kiwifruit, 4 acres mandarins, 66 acres nectarines (fresh), 40 acres olive (oil), 81 acres peaches, cling (processed), 58 acres peaches, freestone (fresh and processed), 1 acres persimmons, 80 acres pistachio, 41 acres plums (fresh), 18 plums (dried), 22 acres pluots, 39 acres pomegranates (fresh), and 76 acres walnuts

b Includes lime, grapefruit, pomelo, tangelo and blood oranges

c Includes almonds (shells and inedible), apricot (dried), avocados, blackberries, blueberries, boysenberries, figs (dried and substandard), grape (leaves and raisin by-product), jujubes, lemons (processed), mandarin (processed), nectarine (culls and proessed), olives (oil), other citrus (processed), peaches (processed and culls freestone), peaches (fresh cling), pecans, and strawberries (fresh); **organic:** almonds (fresh and hulls), fig (dried and fresh), grapes (raisin, table and wine), kiwi, mandarins, nectarines, olive (oil), peaches freestone (fresh and processed), peaches cling (processed), persimmons, plums, plums (dried), pluot, pomegranate, and walnuts

* Revised

FRESNO COUNTY

NURSERY PRODUCTS

ITEM	YEAR	ACRES	QUANTITY	UNIT	VALUE
Herbaceous	2012	78	3,485,000	[b]	$ 5,249,000
Ornamentals [a]	2011	17	3,082,000	[b]	$ 5,042,000
Ornamental Trees	2012	84	238,000	plants	3,352,000
and Shrubs	2011	201	1,285,000	plants	9,125,000
Other [c]	2012	472	703,882,000	units	32,350,000
	2011	480	343,604,000	units	21,583,000
Total	**2012**	**472**			**$ 40,951,000**
	2011	**698**			**$ 35,750,000**

a Includes aquatic plants, potted plants, bedding plants, flats, and perennials
b Includes flats, dozens, cans, and single plants
c Includes bareroot fruit trees, Christmas trees, citrus (budwood and trees), grape (rootings and cuttings), vegetable transplants, and turf (in square feet)

FRESNO COUNTY

LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION NO. OF HEAD	PRODUCTION TOTAL LIVEWEIGHT	UNIT	VALUE PER UNIT	VALUE TOTAL
Cattle and Calves						
Beef						
Breeding Stock						
Common	2012	1,190		head	$ 1,361.00	$ 1,620,000
	2011	1,150		head	$ 1,280.00	$ 1,472,000
Registered	2012	300		head	3,613.00	1,084,000
	2011	290		head	3,397.00	985,000
Feeders	2012	85,300	362,000	cwt	130.48	47,234,000
	2011	80,100	342,000	cwt	115.18	39,392,000
Calves	2012	25,400	76,200	cwt	158.00	12,040,000
	2011	24,600	74,000	cwt	135.15	10,001,000
Slaughter Stock	2012	285,000	1,426,000 [a]	cwt	121.34	173,031,000
	2011	283,000	1,350,000 [a]	cwt	111.20	150,120,000
Dairy						
Breeding Stock	2012	64,400		head	1,343.00	86,489,000
	2011	62,300		head	1,355.00	84,417,000
Cull Stock	2012	36,100	469,000	cwt	75.07	35,208,000
	2011	36,900	480,000	cwt	71.60	34,368,000
Calves	2012	71,700	215,000	cwt	109.78	23,603,000
	2011	90,500	272,000	cwt	114.07	31,027,000
Cattle and Calves	**2012**					**$ 380,309,000**
Total	**2011**					**$ 351,782,000**

FRESNO COUNTY

LIVESTOCK AND POULTRY (continued)

ITEM	YEAR	PRODUCTION NO. OF HEAD	PRODUCTION TOTAL LIVEWEIGHT	UNIT	VALUE PER UNIT	VALUE TOTAL
Hogs and Pigs						
Feeder Pigs and	2012	59,500	132,000	cwt	$ 93.34	$ 12,321,000
Slaughter Stock	2011	59,700	136,000	cwt	$ 90.62	$ 12,324,000
Sheep and Lambs						
Slaughter Stock						
Lambs	2012	74,600	95,900	cwt	170.88	16,387,000
	2011	67,600	86,800	cwt	141.93	12,320,000
Sheep	2012	10,380	16,500	cwt	38.24	631,000
	2011	9,400	15,000	cwt	31.74	476,000
Turkeys [b]	2012	3,495,000	97,360,000	lb	.83	80,809,000
	2011	3,859,000	101,971,000	lb	.90	91,774,000
Other [c]	2012					649,167,000
	2011					498,041,000
Total	**2012**					**$ 1,139,624,000**
	2011					**$ 966,717,000**

a Net gain
b Includes conventional and organic turkeys
c Includes chickens (chicks, fryers (conventional and organic)); ducks (ducklings, old hens and drakes); fish (bass, carp and channel cat); game birds (chukar, pheasants and quail); goats (cull milk, kid and meat); insects (beneficial); squab; turkeys (old breeder birds and poults); and vermiculture

FRESNO COUNTY

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	VALUE TOTAL
Manure [a]	2012	761,000	ton	$ 6.71	$ 5,106,000
	2011	725,000	ton	$ 5.63	$ 4,082,000
Milk					
Manufacturing	2012	37,400	cwt	17.90	669,000
	2011	50,900	cwt	18.63	948,000
Market [b]	2012	26,702,000	cwt	16.83	449,395,000
	2011	26,985,000	cwt	18.66	503,540,000
Wool	2012	361,000	lb	1.65	596,000
	2011	469,000	lb	1.43	671,000
Eggs					
Hatching [c]	2012	952,000	dozen	10.72	10,205,000
	2011	1,443,000	dozen	8.08	11,659,000
Total	**2012**				**$ 465,971,000**
	2011				**$ 520,900,000**

a Includes cow and poultry manure
b Includes cow milk (conventional and organic) and goat milk
c Includes chicken, duck, and turkey

FRESNO COUNTY

APIARY PRODUCTS AND POLLINATION SERVICES

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	VALUE TOTAL
Apiary Products [a]					
Honey	2012	2,171,000	lb	$ 1.87	$ 4,060,000
	2011	1,396,000	lb	$ 1.86	$ 2,597,000
Beeswax	2012	159,000	lb	3.10	493,000
	2011	133,000	lb	2.46	327,000
Pollination [b]					
Seed [c]	2012				944,000
	2011				419,000
Trees, Fruit and Nut [d]	2012				51,828,000
	2011				51,207,000
Melon [e]	2012				887,000
	2011				954,000
Vegetable [f]	2012				82,500
	2011				145,000
Total	**2012**				**$ 58,294,500**
	2011				**$ 55,649,000**

a Reflects bee colonies registered in Fresno County by commercial and semi-commercial beekeepers: 2012 – 54,871 colonies; 2011 – 38,837 colonies
b Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 2012
c Alfalfa
d Almonds, apples, blueberries, cherries, kiwi, plums, pluot, pomegranate and prunes
e Cantaloupe, honeydew, watermelons and mixed melons
f Cucumbers, pumpkin, and squash

FRESNO COUNTY

INDUSTRIAL CROPS

CROP	YEAR	PRODUCTION	UNIT		VALUE
Timber [a]	2012	248,365,000	board feet	$	1,518,000
	2011	353,216,000	board feet	$	1,632,000
Firewood	2012	1,871	cord		18,500
	2011	2,171	cord		21,700
Other [b]	2012				2,845,000
	2011				2,519,000
Total	**2012**			**$**	**4,381,500**
	2011			**$**	**4,172,700**

a Includes government and non-government properties
b Includes fence posts, green compost and wood chips for biomass and landscaping

GROWTH IN FRESNO COUNTY AGRICULTURE AS INDICATED BY GROSS PRODUCTION VALUE OF AGRICULTURAL PRODUCTS OVER A TWENTY-TWO YEAR PERIOD

1991	-	2,552,305,040*	2002	-	3,440,927,000*
1992	-	2,635,447,400*	2003	-	4,073,338,500*
1993	-	3,022,311,100*	2004	-	4,603,936,200*
1994	-	3,084,870,800	2005	-	4,641,194,200
1995	-	3,142,878,300*	2006	-	4,845,737,100
1996	-	3,324,885,800	2007	-	5,347,398,000
1997	-	3,436,433,500*	2008	-	5,627,909,000*
1998	-	3,257,712,600*	2009	-	5,347,381,000*
1999	-	3,570,027,600*	2010	-	5,944,758,000
2000	-	3,281,285,400*	2011	-	6,811,533,700*
2001	-	3,220,101,800	2012	-	6,587,266,000

YEAR COMPARISON OF GROSS PRODUCTION VALUE IN FRESNO COUNTY

CROPS	1992	2002	2009	2010	2011	2012
Field	$ 549,162,000	$ 514,089,000	$ 309,793,000*	$ 376,760,000*	$ 675,810,000	$ 573,606,000
Seed	31,035,000	61,005,000	43,926,000	50,957,000	32,977,000	45,500,000
Vegetable	453,325,000	865,452,000	1,464,826,000	1,528,285,000	1,526,541,000*	1,149,705,000
Fruit & Nut	932,394,200*	1,235,426,000	2,299,559,000	2,702,906,000	2,993,017,000	3,109,233,000
Nursery	16,747,000	32,406,000	46,210,000	37,478,000	35,750,000	40,951,000
Livestock (Etal)	642,060,000*	712,273,000*	1,142,730,000	1,210,031,000	1,487,617,000	1,605,595,000
Apiary	5,303,000	11,179,400	36,513,000	35,702,000	55,649,000	58,294,500
Industrial	5,421,200	9,096,000	3,824,000	2,639,000	4,172,700	4,381,500
TOTAL	**$ 2,635,447,400***	**$ 3,440,926,400***	**$ 5,347,381,000***	**$ 5,944,758,000**	**$ 6,811,533,700***	**$ 6,587,266,000**

***Revised**

FRESNO COUNTY

SUSTAINABLE AGRICULTURE

2012 BIOLOGICAL CONTROL ACTIVITIES

PEST	B.C. AGENT/MECHANISM	ACTIVITY
Glassy-Winged Sharpshooter	• *Gonatocerus triguttatus* • *Gonatocerus morrilli* • *Gonatocerus morgani*	CDFA released parasitoids species and monitored for evidence GWSS egg parasitism

2012 DETECTION ACTIVITIES

INSECT	TRAPS DEPLOYED	RESULTS
European Grape Vine Moth	7,282	None captured
Glassy-Winged Sharpshooter	4,172	Multiple residential/commercial captures (properties treated)
Asian Citrus Psyllid	3,201	None captured
Light Brown Apple Moth	722	None captured
Mediterranean Fruit Fly	710	None captured
Gypsy Moth	487	None captured
Oriental Fruit Fly	386	None captured
Melon Fruit Fly	366	None captured
Japanese Beetle	335	None captured
Khapra Beetle	59	None captured
Apple Maggot	55	None captured
Cherry Fruit Fly	27	None captured

SUSTAINABLE AGRICULTURE (continued)

PEST	ACTIVITY	RESULT
Sudden Oak Death	8 – Nursery Inspections	None found
Glassy-Winged Sharpshooter	703 – Nursery Inspections 8,544 – Bulk citrus Inspections	6 – Adults in Loads 2 – Adults in Shed Traps

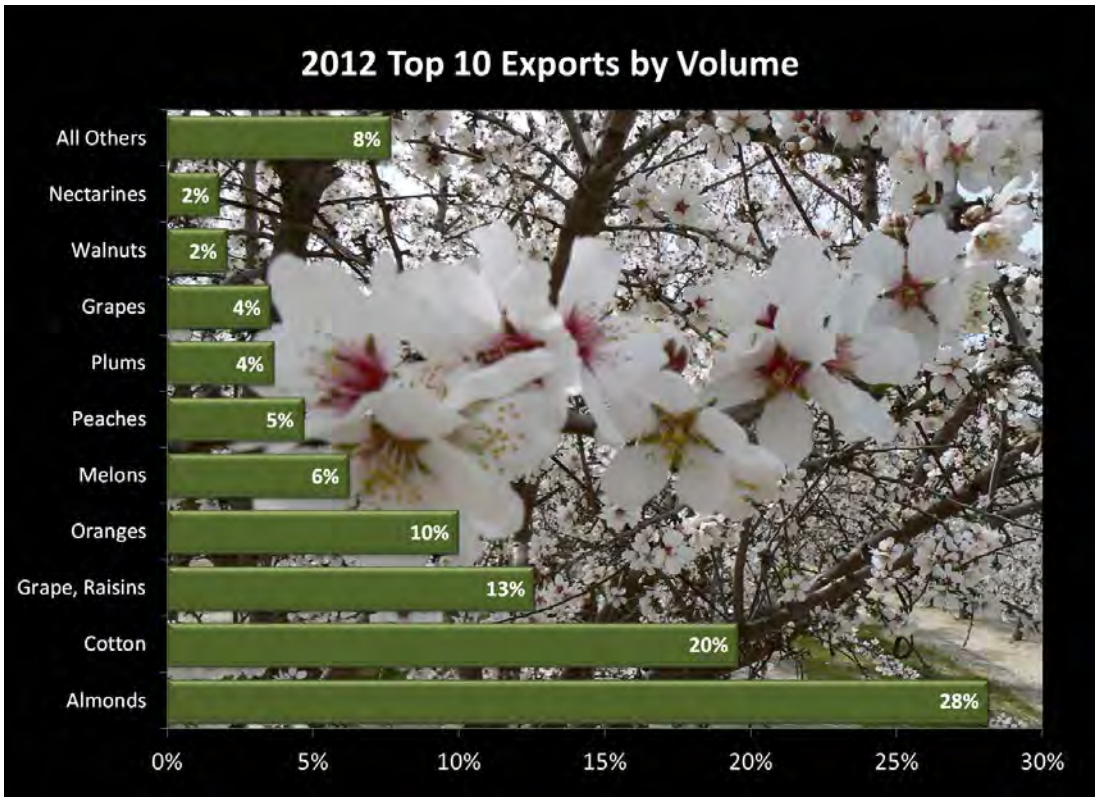
2011 PEST ERADICATION/MANAGEMENT ACTIVITIES

ERADICATION

Spotted Knapweed - No Survey
Rush Skeltonweed - 378 properties /4,760 acres surveyed
67 properties/983 acres infested
7.8 acres treated
Pink Bollworm - 102,711 cotton acres
Reduced tillage – 5 growers/2,293 acres
Plowdown non-compliance – None

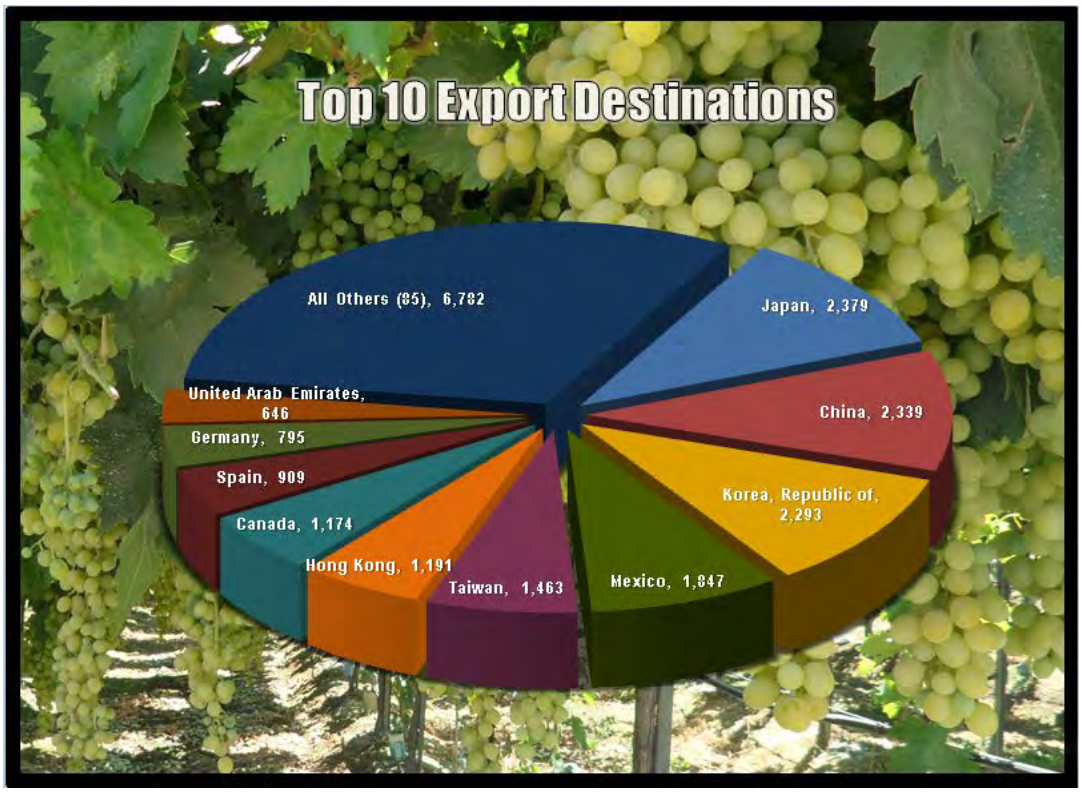
MANAGEMENT

Perennial Pepperweed - 25,850 acres surveyed/466.5 acres infested
12.1 acres treated
Hoary Cress - 155 acres surveyed
2.6 acres infested
2.6 acres treated
Purple Starthistle - 940 acres surveyed/40 acres infested
4.5 acres treated
Water Hyacinth - 1,510 acres surveyed monthly September and October
Multiple small detections
Hand harvested/disposed
Glassy-Winged Sharpshooter- 4,133 Properties treated



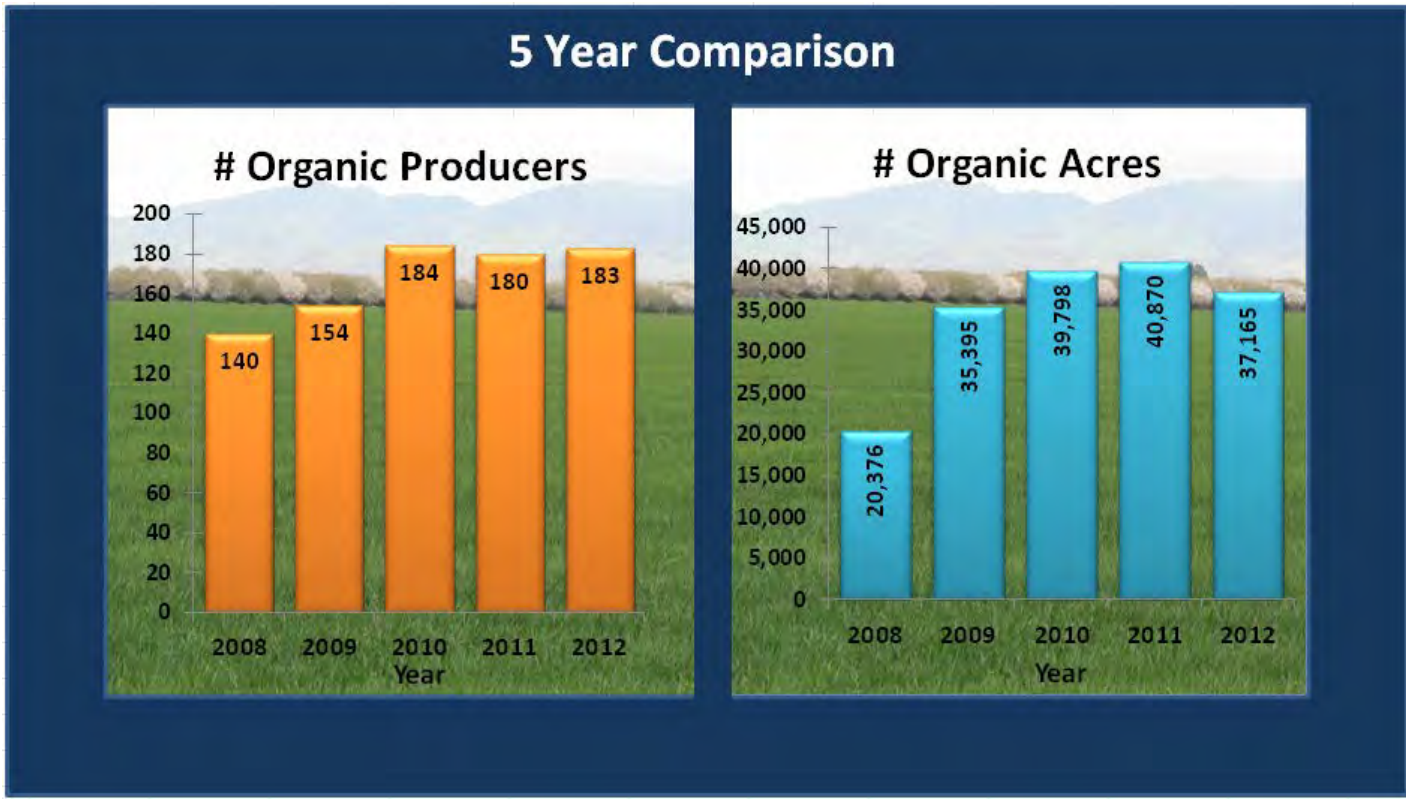
2012 PHYTOSANITARY EXPORTS

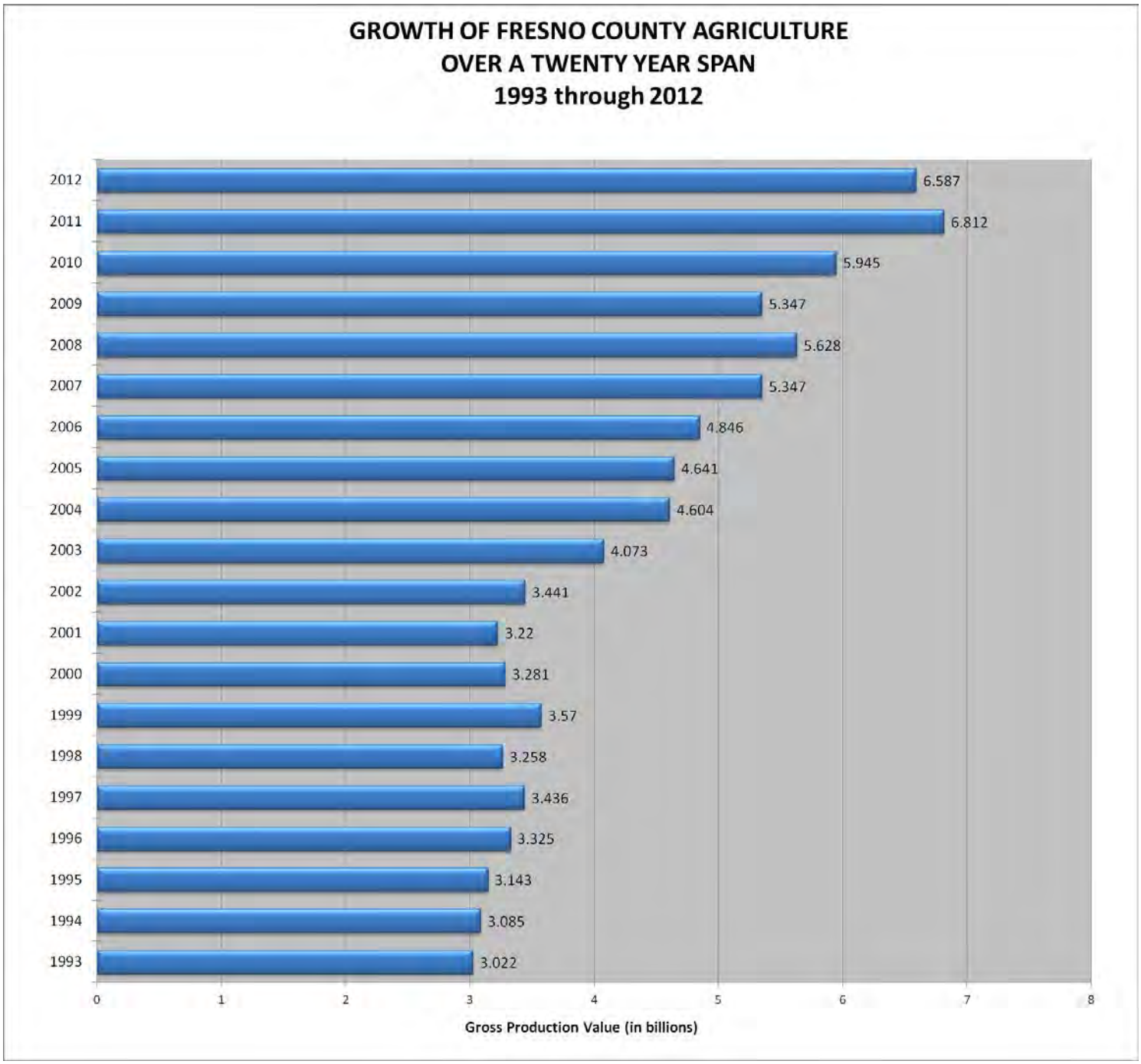
In 2012, a total of 21,818 phytosanitary certificates were issued for 194 commodities to export markets in 95 Countries around the world. In addition, 13,103 acres of export seed fields were inspected and certified during the 2012 season. These charts demonstrate the top ten exported commodities by volume and the top ten destinations of export based on the number of phytosanitary certificates issued.

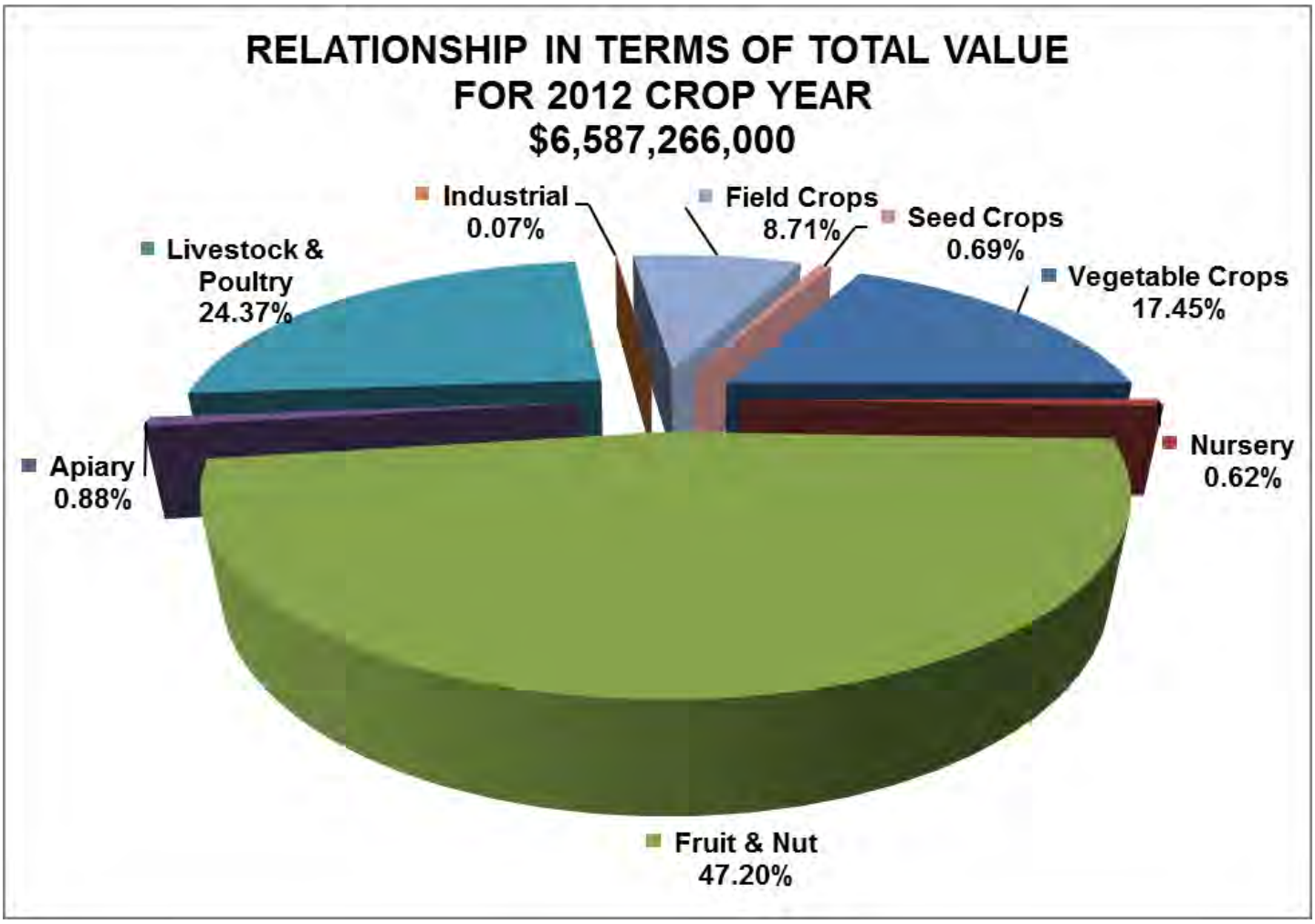


2012 ORGANIC FARMING

There were more than 125 different commodities registered as organic in Fresno County in 2012. Organic registrations included 27 handlers (shippers/packers), 9 processors, and 183 producers. These farms represented 37,165 acres and included over 1,678,000 head of livestock including turkeys, chickens, cows, pigs and sheep. Organic eggs were also produced. There were 24 new organic registrants in 2012 comprised of three handlers and twenty-one producers. Over the past five years the number of registered producers has increased by over 30%, and organically farmed acres has increased by 82%.




GROWTH OF FRESNO COUNTY AGRICULTURE
OVER A TWENTY YEAR SPAN
1993 through 2012
2012
6.587
2011
6.812
2010
5.945
2009
5.347
2008
5.628
2007
5.347
2006
4.846
2005
4.641
2004
4.604
2003
4.073
2002
3.441
2001
3.22
2000
3.281
1999
3.57
1998
3.258
1997
3.436
1996
3.325
1995
3.143
1994
3.085
1993
3.022
0
1
2
3
4
5
6
7
8
Gross Production Value (in billions)


RELATIONSHIP IN TERMS OF TOTAL VALUE
FOR 2012 CROP YEAR
$6,587,266,000
Industrial
0.07%
Field Crops
8.71%
Seed Crops
0.69%
Livestock &
Poultry
24.37%
Vegetable Crops
17.45%
Nursery
0.62%
Apiary
0.88%
Fruit & Nut
47.20%

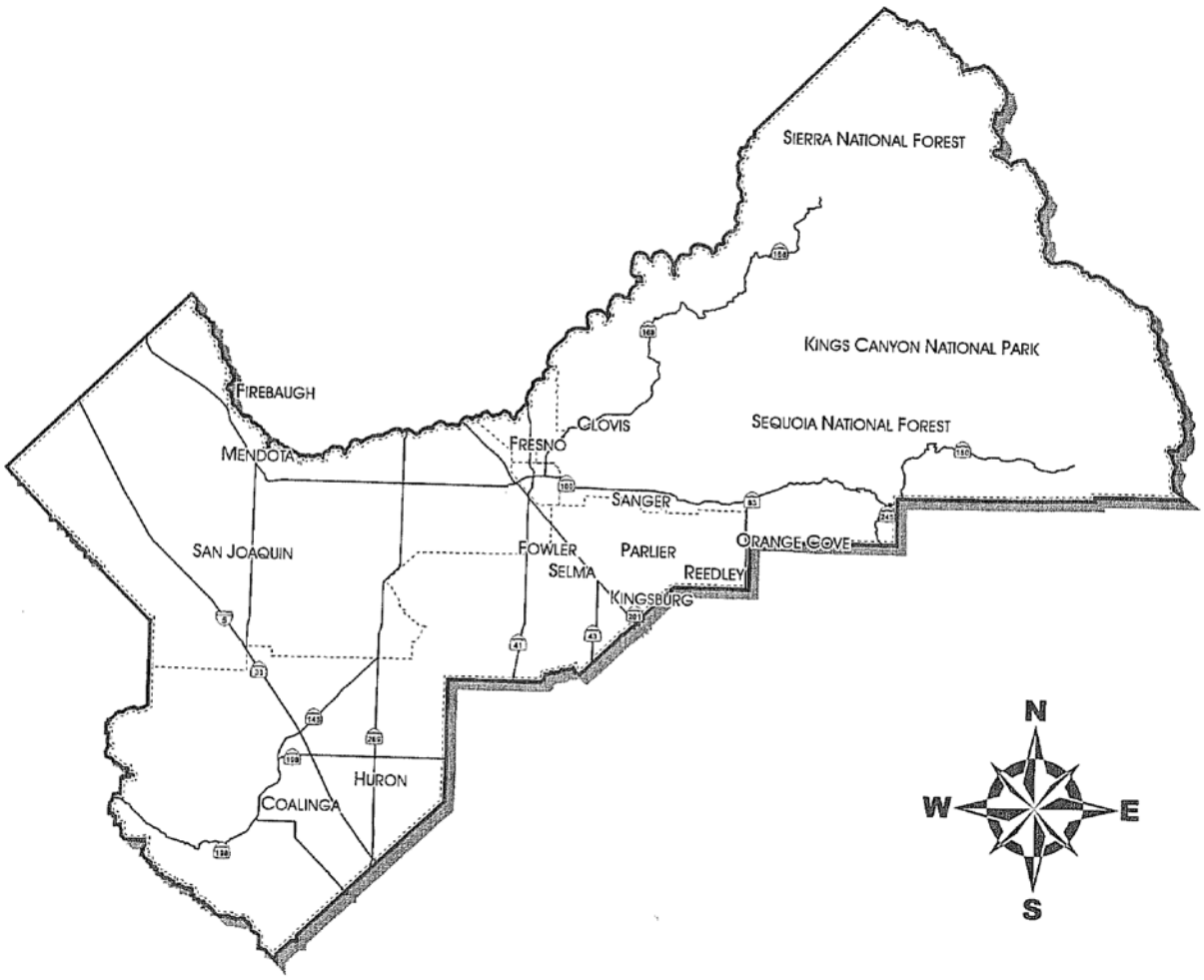


Photo credits

- ***Cover: California Table Grape Commission***
- *Pg. VI (L to R): Allied Grape Growers, California Table Grape Commission, Allied Grape Growers, Deputy Agricultural Commissioner Fred Rinder*
- *Pg. 3: Deputy Agricultural Commissioner Fred Rinder*
- *Pg. 6: Deputy Agricultural Commissioner Fred Rinder*
- *Pg. 12: Deputy Agricultural Commissioner Fred Rinder*
- *Pg. 14: Deputy Agricultural Commissioner Fred Rinder*
- *Pg. 15: Deputy Agricultural Commissioner Fred Rinder*

MERCED COUNTY

DEPARTMENT OF AGRICULTURE

ORGANIC FARMING & CERTIFIED FARMERS MARKET PROGRAM

2011 REPORT ON AGRICULTURE

Organic Production In Merced County 1
Top Twelve Leading Farm Commodities 2011 2
Significant Events Of The 2011 Crop Year 3
Field Crops 4
Vegetable Crops 5
Apiary Industry 5
Seed Crops 6
Fruit And Nut Crops 6
Fruit And Nut Acreage Planting 7
Nursery Products 7
Livestock And Poultry Production 10
Livestock And Poultry Products 10
Aquaculture 11
Other Agriculture 11
Pest Prevention 12
- Pest Exclusion Program 12
- Pierce's Disease Control Program 12
- Federal Phytosanitary Certification Program 12
- Pest Detection Program 12
- Pest Eradication Program 13
- Biological Control 13

Organic Farming 14
Certified Farmers Market Program 14
General County Of Merced Information 15
Commodity Value Crop Comparison 16
Merced County Department Of Agriculture Staff 17

Organic Production In Merced County

Consumer demand for organic products has increased dramatically over the past decade, resulting in a corresponding growth in the number of organic producers to meet this growing demand. Merced County is no exception. There have been an increasing number of new producers growing an array of organic products in recent years.

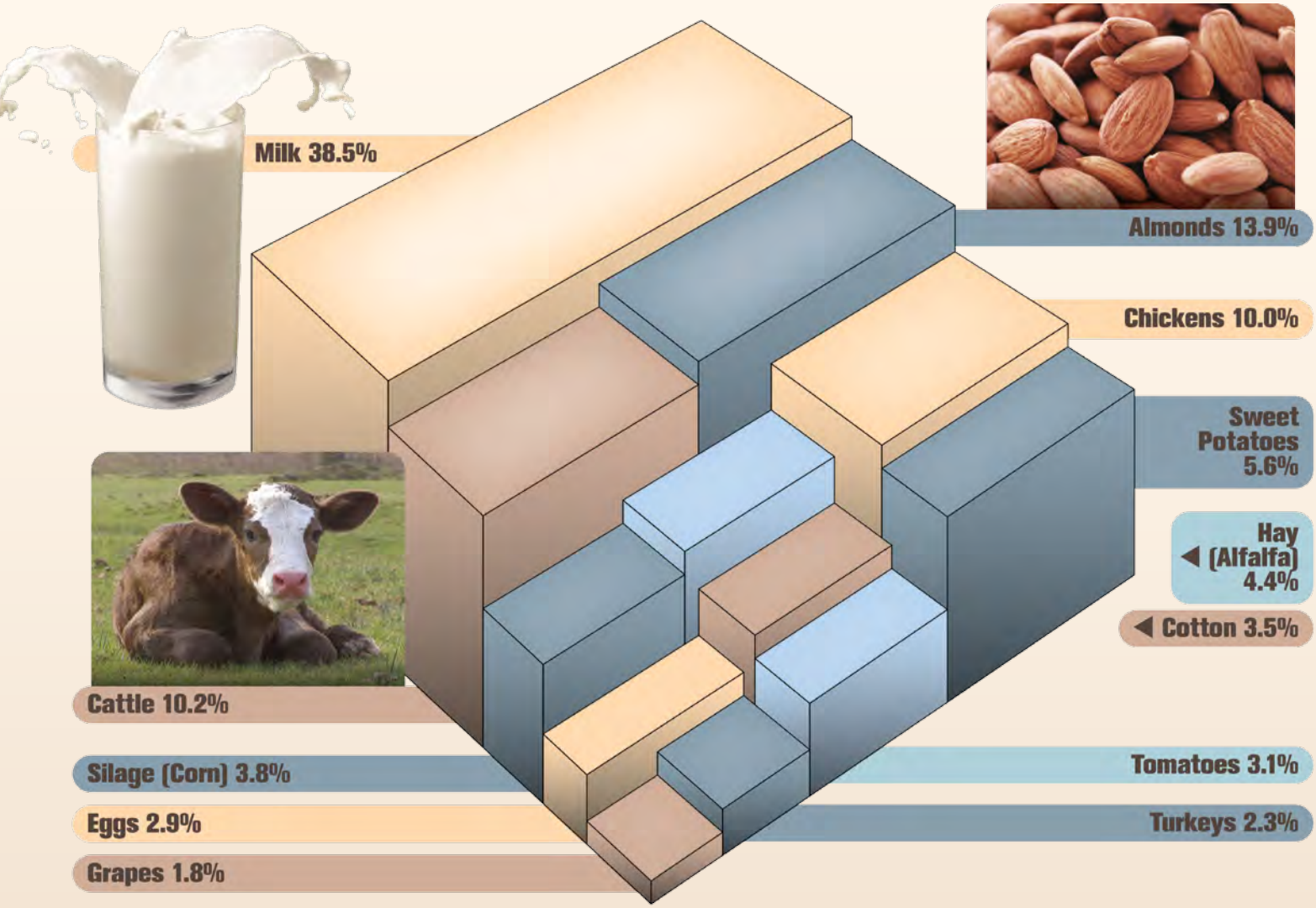
In 2001, Merced County had a total of 47 registered organic producers and three organic livestock and poultry processors. They produced 20 commodities on a total of 2,380 acres along with some milk and egg production.

According to the California Department of Food and Agriculture's (CDFA) Organic Program, Merced County had 55 growers of organic commodities, three organic processors, and five organic handlers in 2011. These growers farmed a total of 35,170 acres to produce assorted organic field crops, berries, fruits, nuts, vegetables, as well as organic pastureland, fallow farmland, and rangeland. Organic eggs, livestock, milk, and poultry were also produced. In all, over 117 different organic commodities were produced in Merced County during 2011 with a reported value of over $87,000,000.

Anyone interested in learning more information about the Organic Program in California, or in learning the process for registering as an organic producer, processor, or handler, may do so by contacting their local County Agricultural Commissioner's office.

Top Twelve Leading Farm Commodities 2011

RANK	CROP	VALUE	PREVIOUS RANK
1	Milk includes Market and Manufacturing	$1,101,381,000	1
2	Almonds (Kernel Basis)	$397,168,000	2
3	Cattle and Calves	$290,823,000	4 ↑
4	Chickens includes Fryers and Other Chickens.	$285,652,000	3 ↓
5	Sweet Potatoes	$159,094,000	5
6	Hay (Alfalfa)	$124,279,000	9 ↑↑↑
7	Silage (Corn)	$107,475,000	8 ↑
8	Cotton includes Acala and Pima Cotton.	$98,830,000	10 ↑↑
9	Tomatoes includes Market and Processing Tomatoes.	$89,268,000	6 ↓↓↓
10	Eggs, Chicken (Market)	$85,196,000	7 ↓↓↓
11	Turkeys	$65,993,000	11
12	Grapes (Wine)	$50,179,000	14 ↑↑



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Director of Weights and Measures
Director of Animal Control

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Animal Control (209) 385-7436

Equal Opportunity Employer

Karen Ross, *Secretary*
California Department of Food and Agriculture
and
The Honorable Board of Supervisors, County of Merced
Hubert "Hub" Walsh, Jr., *Chairman*
Linn Davis **Deidre F. Kelsey**
Jerry O'Banion **John Pedrozo**
James L. Brown
County Executive Officer

In accordance with the provisions of Sections 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2011 Merced County Report of Agriculture. This report summarizes the acreage, production, and gross value of Merced County's agricultural commodities.

For the second time, Merced County agriculture surpassed the three-billion-dollar mark in gross production value. Overall, the 2011 growing season was again good for most crops. Merced County agricultural commodities grossed $3,259,868,000, an increase of $526,376,000 over 2010 values and a record high. These figures represent gross returns to the producer and do not take into account the costs of production, marketing, or transportation. Net income of the producer is not reflected in this report.

SIGNIFICANT EVENTS OF THE 2011 CROP YEAR

- Milk remains the county's number one commodity with an overall value of $1,101,381,000, an increase of $238,562,000 (27.6%) over the 2010 crop year. Much of this increase is due to the increase in price and a modest increase in production. Prices increased approximately 28% for market milk and approximately 20% for milk used in manufacturing.
- Almonds remained the second leading commodity with a gross production value of $397,168,000. Increases in acreage, yield and price provided for a 38.6% increase in overall value.
- Cattle & Calves surpassed chickens and took the number three spot with a gross production value of $290,823,000. This is a 29.0% increase over last year. The $65,415,000 can be attributed to a significant increase in cattle prices as well as an increase in production.
- Chickens remained steady in 2011, although there was a slight drop in production and prices increased a modest 3.0%. Total value was up $10,116,000 for a total of $285,652,000 making chickens our fourth leading commodity.
- Sweet potatoes remained the number five commodity despite the slight decrease in production. Prices were up nearly 20%. Total production value was $159,094,000, up 4.1% from 2010.
- Cotton regained top twelve status in 2010 but jumped to number eight in 2011. An increase in cotton acreage, combined with higher prices and production equated to a total production value of $98,830,000.
- Alfalfa hay and corn silage came in as our number six and seven leading crops. Both posted significant gains in prices. Tomatoes and market chicken eggs were both down due to lower acreage and production respectively.

I wish to express my sincere thanks to our growers, ranchers, industry representatives and the members of my staff who assisted in the gathering of data for this report.

Respectfully submitted,

David A. Robinson, *Agricultural Commissioner*

Field Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Barley	2011	2,294	2.37	5,441	Ton	$169.38	$922,000
	2010	4,065	1.97	7,993		$154.32	$1,233,000
Beans (Dry Lima)	2011	1,278	1.34	1,710	Ton	$913.31	$1,561,000
	2010	1,823	1.36	2,476		$972.53	$2,408,000
Corn (Grain) (1)	2011	15,992	6.14	98,121	Ton	$244.89	$24,029,000
	2010	12,088	5.88	71,133		$196.46	$13,975,000
Cotton (Acala)	2011	47,010	2.97	139,804	500-Lb Bale	$576.34	$80,575,000
	2010	25,915	2.88	74,566		$553.63	$41,282,000
Cotton (Pima)	2011	8,595	2.62	22,525	500-Lb Bale	$810.45	$18,255,000
	2010	13,350	2.40	32,081		$889.09	$28,522,000
Cotton (Seed)	2011	—	1.03	57,473	Ton	$200.00	$11,495,000
	2010	—	0.98	38,595		$291.84	$11,264,000
Hay (Alfalfa)	2011	76,682	6.67	511,811	Ton	$242.82	$124,279,000
	2010	84,186	6.47	544,262		$143.17	$77,922,000
Hay (Grain) (2)	2011	32,802	3.62	118,804	Ton	$133.38	$15,846,000
	2010	36,074	3.12	112,721		$78.14	$8,808,000
Hay (Sudan)	2011	9,939	2.17	21,583	Ton	$137.65	$2,971,000
	2010	9,708	4.63	44,922		$123.75	$5,559,000
Misc. Field Crops (3)	2011	2,364	—	—	—	—	$1,253,000
	2010	3,219	—	—		—	$1,518,000
Pasture (Irrigated)	2011	26,597	—	26,597	Acre	$167.34	$4,451,000
	2010	30,719	—	30,719		$160.00	$4,915,000
Pasture (Other)	2011	562,471	—	562,471	Acre	$19.03	$10,704,000
	2010	567,391	—	567,391		$25.00	$14,185,000
Rice	2011	2,261	4.31	9,742	Ton	$359.47	$3,502,000
	2010	2,499	4.05	10,125		$293.43	$2,971,000
Silage (Alfalfa)	2011	—	2.34	179,198	Ton	$64.85	$11,621,000
	2010	—	0.84	70,598		$33.36	$2,355,000
Silage (Corn)	2011	87,768	27.07	2,375,923	Ton	$45.24	$107,475,000
	2010	90,119	27.74	2,499,530		$31.67	$79,164,000
Silage (Other) (4)	2011	66,206	13.63	902,409	Ton	$30.32	$27,361,000
	2010	70,647	15.57	1,100,045		$21.27	$23,392,000
Straw (5)	2011	—	—	3,808	Ton	$43.88	$167,000
	2010	—	—	3,779		$32.64	$123,000
Stubble (Pasture)	2011	—	—	13,803	Acre	$50.00	$690,000
	2010	—	—	15,153		$20.00	$303,000
Wheat (6)	2011	16,675	3.03	50,503	Ton	$245.54	$12,401,000
	2010	11,940	2.89	34,474		$175.15	$6,038,000
Total	2011	958,933					$459,557,000
	2010	963,745					$325,939,000

(1) For 2011: Includes Human Consumption Corn (but not Fresh Market Corn), and grain for feed.
For 2010: Includes Human Consumption Corn (but not Fresh Market Corn).
(2) For 2011: Includes Oat, Rye Grass, and Wheat.
For 2010: Includes Oat, Wheat, and Winter Forage Hay.
(3) For 2011, 2010: Includes Beans (Dry Other), Corn Stalks and Earledge, Milo, Oat Grain, and Safflower.
(4) For 2011: Includes Oat, Sudan, and Wheat.
For 2010: Includes Oat, Sorghum, Sudan, Triticale, Wheat, and Winter Forage.
(5) For 2011, 2010: Includes Straw from Barley, Bean (Dry), Oat, Rice, and Wheat.
(6) For 2010: Includes Dryland farming

Vegetable Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Beans, Lima (Freezer)	2011	524	1.46	766	Ton	$569.00	$436,000
	2010	992	1.80	1,789		$599.38	$1,073,000
Melons (Cantaloupe) (1)	2011	4,527	638.86	2,892,119	40-Lb Ctn	$5.65	$16,326,000
	2010	6,353	599.38	3,807,831		$4.73	$18,021,000
Melons (Other) (2)	2011	2,003	349.50	700,043	Ton	$19.15	$13,404,000
	2010	3,401	21.16	71,970		$244.45	$17,593,000
Misc. Vegetables (3)	2011	2,801	—	—	—	—	$20,237,000
	2010	3,422	—	—		—	$20,946,000
Sweet Potatoes (4)	2011	16,651	13.83	230,220	Ton	$691.05	$159,094,000
	2010	16,548	15.39	254,674		$600.23	$152,863,000
Tomatoes (Market) (5)	2011	6,524	1,255.78	8,192,409	25-Lb Ctn	$5.44	$44,564,000
	2010	8,612	1,069.88	9,214,183		$4.99	$45,971,000
Tomatoes (Processing)	2011	13,000	51.20	665,586	Ton	$67.17	$44,704,000
	2010	20,582	44.71	920,164		$66.65	$61,326,000
Total	2011	46,030					$298,765,000
	2010	59,910					$317,794,000

(1) For 2011, 2010: Price reflects wholesale after packing and shipping.
(2) For 2011, 2010: Includes Honeydew, Mixed Melons, and Watermelon.
(3) For 2011: Includes Asparagus, Basil, Broccoli, Cabbage (Napa), Cantaloupe (Organic), Cilantro, Corn (Fresh), Cucumber, Dill, Garlic, Leek, Onion, Parsley, Pepper (Bell, Spice), Pumpkin, Radicchio, Radish, Rosemary, Cage, Spice/Herb, and Squash.
For 2010: Includes Asparagus, Basil, Broccoli, Cabbage (Napa), Cantaloupe (Organic), Cilantro, Corn (Fresh), Cucumber, Dill, Garlic, Leek, Onion, Parsley, Pepper (Bell, Spice), Pumpkin, Radicchio, Radish, Sage, Spice/Herb, and Squash.
(4, 5) For 2011, 2010: Price reflects wholesale after packing and shipping.

Apiary Industry

CROP	YEAR	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Beeswax	2011	34,070	Lb	$2.62	$89,000
	2010	57,420		$2.37	$136,000
Bulk Bees (1)	2011	81,465	Lb	$13.43	$1,094,000
	2010	67,492		$12.00	$810,000
Honey (2)	2011	2,214,523	Lb	$1.66	$3,676,000
	2010	3,732,326		$1.49	$5,561,000
Pollination (3)	2011	147,756	Colony	$144.19	$21,305,000
	2010	169,624		$121.59	$20,625,000
Queens (4)	2011	28,725	Each	$14.63	$420,000
	2010	25,867		$17.94	$464,000
Total	2011				$26,585,000
	2010				$27,596,000

(1) For 2011, 2010: Includes Bees Sold as Bulk Bees, Nuclei, and Packaged Bees.
(2) For 2011: Honey produced by 48,598 resident colonies.
For 2010: Honey produced by 44,180 resident colonies.
(3) For 2011, 2010: Pollination colonies include all required to pollinate crops grown in Merced County.
(4) For 2011, 2010: Includes Mated Queens and Queen Cells.

Seed Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Seed Crops [1]	2011	3,613	—	—	—	—	$2,113,000
	2010	5,072	—	—	—	—	$3,175,000
Total	2011	3,613					$2,113,000
	2010	5,072					$3,175,000

[1] For 2011: Includes Certified, Common, and Phytosanitary Seed from Barley, Cotton, Kohlrabi, Mustard, Oat, Radish, Triticale, Tomato, and Wheat,

For 2010: Includes Certified, Common, and Phytosanitary Seed from Barley, Bean (Lima), Cotton, Lettuce, Oat, Radish, Rice, Rye, and Wheat.

Fruit and Nut Crops

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Almonds (Hulls)	2011	—	—	206,858	Ton	$129.46	$26,780,000
	2010	—	—	157,513		$100.88	$15,890,000
Almonds (Kernel Basis)	2011	98,504	1.05	103,429	Ton	$3,840.00	$397,168,000
	2010	98,895	0.78	77,460		$3,699.98	$286,600,000
Apricots	2011	349	12.54	4,378	Ton	$390.00	$1,707,000
	2010	413	14.24	5,884		$381.52	$2,245,000
Figs (Dry)	2011	950	1.19	1,127	Ton	$1,795.35	$2,024,000
	2010	980	1.26	1,235		$1,339.19	$1,653,000
Grapes (Raisin)	2011	544	1.96	1,067	Ton	$1,682.23	$1,794,000
	2010	551	1.50	826		$1,486.11	$1,227,000
Grapes (Wine)	2011	11,617	10.05	116,771	Ton	$429.72	$50,179,000
	2010	11,186	9.03	101,004		$334.27	$33,763,000
Miscellaneous [1]	2011	2,209	—	—	—	—	$19,578,000
	2010	2,179	—	—		—	$30,983,000
Peaches (Clingstone)	2011	2,412	18.90	45,578	Ton	$292.07	$13,312,000
	2010	2,631	21.04	55,352		$285.95	$15,828,000
Peaches (Freestone)	2011	1,756	21.76	38,209	Ton	$258.29	$9,869,000
	2010	1,875	23.71	44,453		$268.71	$11,945,000
Pistachios	2011	5,162	0.65	3,373	Ton	$4,175.51	$14,082,000
	2010	4,446	1.86	8,265		$4,949.71	$40,912,000
Plums, Dried	2011	1,646	2.61	4,295	Ton	$1,439.38	$6,182,000
	2010	1,706	2.20	3,752		$1,523.06	$5,714,000
Strawberries	2011	82	5.01	408	Ton	$1,274.24	$520,000
	2010	74	7.13	527		$1,516.09	$800,000
Walnuts (English)	2011	5,147	1.63	8,372	Ton	$2,980.68	$24,954,000
	2010	5,326	1.64	8,741		$2,069.46	$18,088,000
Total	2011	130,377					$568,151,000
	2010	130,261					$465,648,000

[1] For 2011: Includes Apple, Blueberry, Cherry, Fig (Fresh), Fruit Juice, Grape (Raisin to Wine), Kiwi, Nectarine, Olives, Orange, Organic Fruit and Nut, Pear (Asian), Pecan Persimmon, Plum, Pluot, and Pomegranate.

For 2010: Includes Apple, Blueberry, Cherry, Fig (Fresh), Fruit Juice, Grape (Raisin to Wine), Kiwi, Nectarine, Olives, Orange (Madarin), Organic Fruit and Nut, Pear (Asian), Pecan, Persimmon, Plum, Pluot, and Pomegranate.

Fruit and Nut Acreage Planting

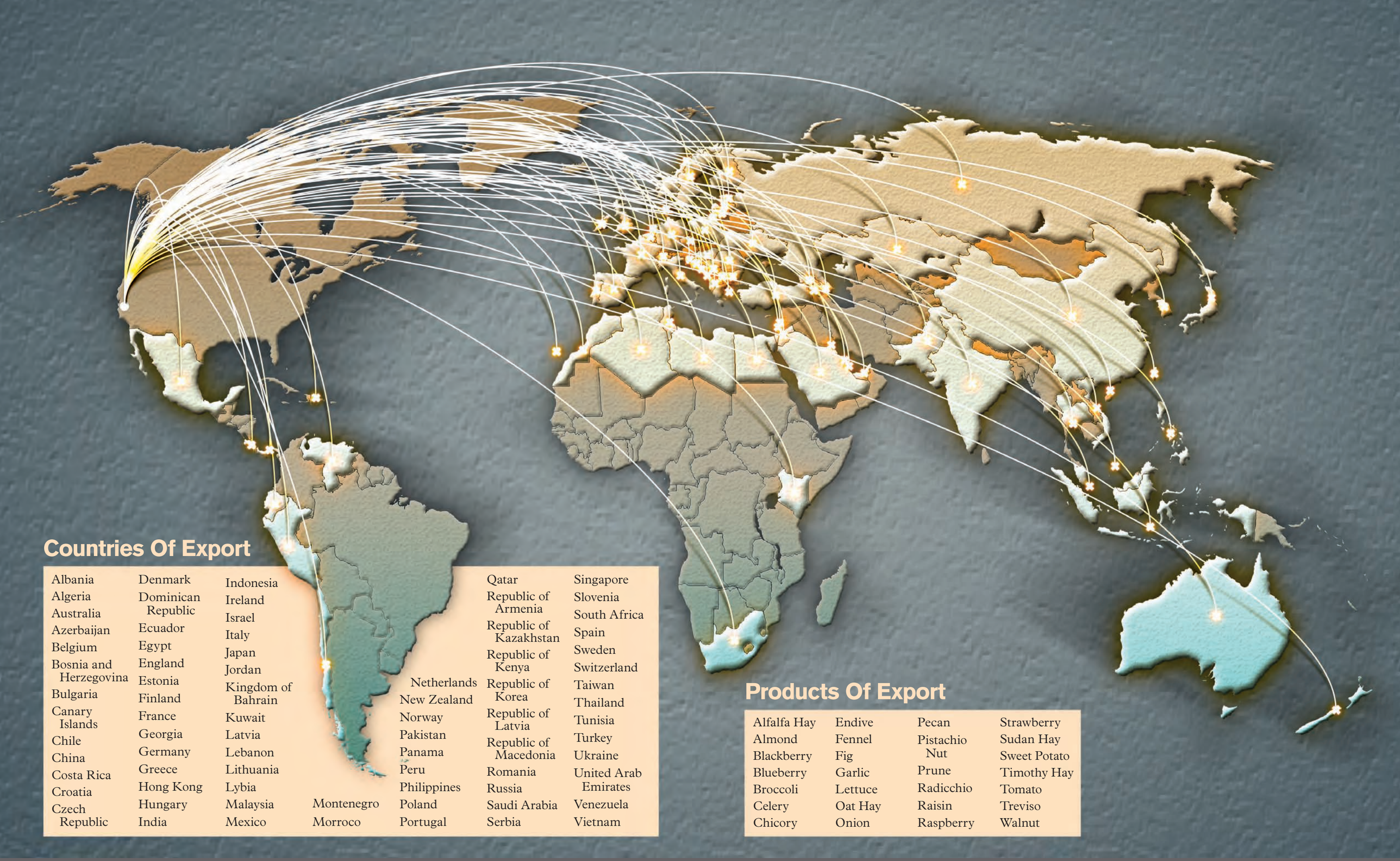
CROPS	BEARING 2011	NON-BEARING 2011	BEARING 2006	NON-BEARING 2006
Almonds	98,504	2,178	87,771	7,247
Apples	1	0	145	0
Apricots	349	0	1,201	0
Berries	114	0	109	0
Cherries	316	91	340	3
Figs	965	381	2,507	0
Grapes (Raisin)	544	0	736	1
Grapes (Table)	0	0	124	0
Grapes (Wine)	11,617	1,266	11,397	225
Jujubes	0	0	20	0
Kiwis	26	0	33	0
Mandarins	16	0	9	0
Nectarines	41	0	121	3
Olives	55	22	2	0
Oranges	16	0	8	0
Peaches (Clingstone)	2,412	48	3,427	47
Peaches (Freestone)	1,756	40	1,848	214
Pears	7	0	6	0
Pecans	26	0	32	5
Persimmons	16	19	17	0
Pistachios	5,162	475	4,861	284
Plums	74	0	90	0
Plums (Dried)	1,646	249	1,853	38
Pluots	15	0	72	0
Pomegranates	313	54	12	0
Walnuts (English)	5,147	524	5,877	426
Total	129,138	5,347	122,618	8,493

Nursery Products

CROP	YEAR	ACRES HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
All Nursery Products [1]	2011	1,392	—	—	—	—	$41,828,000
	2010	1,316	—	—		—	$45,855,000
Total	2011	1,392					$41,828,000
	2010	1,316					$45,855,000

[1] For 2011: Includes Cane Berries, Christmas Trees, Crowns and Cuttings, Deciduous Fruit and Nut Trees, Decorative Plants. Dried Flowers, Greenhouse Plants, Ornamental Plants, Ornamental and Shade Trees, Transplants (Strawberry and Vegetable), and Turf. The separate production and value are not shown to avoid disclosing individual operations.

For 2010: Includes Bud Wood, Cane Berries, Christmas Trees, Crowns and Cuttings, Deciduous Fruit and Nut Trees, Decorative Plants, Dried Flowers, Greenhouse Plants, Ornamental Plants, Ornamental and Shade Trees, Transplants (Strawberry and Vegetable) and Turf. The separate production and value are not shown to avoid disclosing individual operations.



Countries Of Export

Albania
Algeria
Australia
Azerbaijan
Belgium
Bosnia and Herzegovina
Bulgaria
Canary Islands
Chile
China
Costa Rica
Croatia
Czech Republic
Denmark
Dominican Republic
Ecuador
Egypt
England
Estonia
Finland
France
Georgia
Germany
Greece
Hong Kong
Hungary
India
Indonesia
Ireland
Israel
Italy
Japan
Jordan
Kingdom of Bahrain
Kuwait
Latvia
Lebanon
Lithuania
Lybia
Malaysia
Mexico
Montenegro
Morroco
Netherlands
New Zealand
Norway
Pakistan
Panama
Peru
Philippines
Poland
Portugal
Qatar
Republic of Armenia
Republic of Kazakhstan
Republic of Kenya
Republic of Korea
Republic of Latvia
Republic of Macedonia
Romania
Russia
Saudi Arabia
Serbia
Singapore
Slovenia
South Africa
Spain
Sweden
Switzerland
Taiwan
Thailand
Tunisia
Turkey
Ukraine
United Arab Emirates
Venezuela
Vietnam

Products Of Export

Alfalfa Hay
Almond
Blackberry
Blueberry
Broccoli
Celery
Chicory
Endive
Fennel
Fig
Garlic
Lettuce
Oat Hay
Onion
Pecan
Pistachio Nut
Prune
Radicchio
Raisin
Raspberry
Strawberry
Sudan Hay
Sweet Potato
Timothy Hay
Tomato
Treviso
Walnut

Livestock and Poultry Production

CROP	YEAR	NUMBER OF HEAD	PRODUCTION PER HEAD	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Cattle and Calves (1)	2011	337,231	8.48	2,859,517	Cwt	$101.70	$290,823,000
	2010	320,884	8.41	2,698,761		$83.52	$225,408,000
Chickens (Fryers & Broilers)	2011	77,622,697	5.75	446,330,508	Lb	$0.64	$285,652,000
	2010	77,744,725	5.72	444,699,827		$0.62	$275,536,000
Livestock (Misc.) (2)	2011	43,351	—	—	—	—	$6,203,000
	2010	38,735	—	—		—	$5,324,000
Poultry (Misc.) (3)	2011	61,000	—	—	—	—	$535,000
	2010	78,000	—	—		—	$727,000
Sheep and Lambs	2011	27,553	1.41	38,987	Cwt	$167.22	$6,519,000
	2010	29,650	1.00	29,650		$121.97	$3,616,000
Turkeys	2011	2,627,453	28.87	75,854,568	Lb	$0.87	$65,993,000
	2010	2,306,709	31.18	71,923,187		$0.83	$59,970,000
Total	2011	80,719,285					$655,726,000
	2010	80,518,703					$570,580,000

(1) For 2011, 2010: Includes Calves, Cull Bulls (Dairy and Beef), Cull Cows (Dairy and Beef), Replacement Heifers (Dairy and Beef) and Stocker Cattle.
(2) For 2011, 2010: Includes Dairy and Meat Goats sold for meat.
(3) For 2011, 2010: Includes Chukar, Pheasant, and Squab.

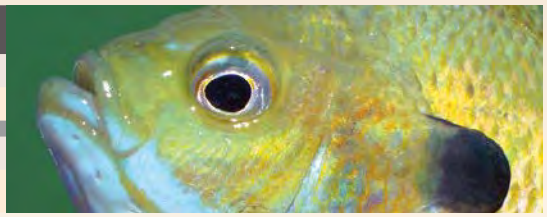
Livestock and Poultry Products

CROP	YEAR	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Eggs (Other) (1)	2011	1,825,000	Each	$0.45	$821,000
	2010	1,460,000		$0.37	$540,000
Eggs, Chicken (Market)	2011	107,030,520	Dozen	$0.80	$85,196,000
	2010	112,351,020		$0.83	$93,251,000
Milk (Goat)	2011	119,840	Cwt	$36.46	$4,369,000
	2010	86,884		$42.83	$3,721,000
Milk (Manufacturing)	2011	3,521,729	Cwt	$18.71	$65,892,000
	2010	8,702,438		$14.55	$126,627,000
Milk (Market)	2011	55,581,797	Cwt	$18.63	$1,035,489,000
	2010	50,048,038		$14.71	$736,192,000
Wool	2011	128,684	Lb	$1.15	$148,000
	2010	116,983		$1.15	$135,000
Total	2011				$1,191,915,000
	2010				$960,466,000

(1) For 2011, 2010: Includes Eggs other than Chicken Eggs.

Aquaculture

CROP	YEAR	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Fish (1)	2011	759,598	Lb	$2.83	$2,149,000
	2010	832,100		$2.52	$2,098,000
Total	2011				$2,149,000
	2010				$2,098,000



(1) For 2011: Includes Catfish, Mosquito Fish, Perch, Silver Carp, Sturgeon, and Trout.
For 2010: Includes Black Bass, Bluegill, Catfish, Silver Carp, Sturgeon, and Trout.

Other Agriculture

CROP	YEAR	PRODUCTION TOTAL	PRODUCTION UNIT	VALUE PER UNIT	VALUE TOTAL
Almond (Shells) (1)	2011	70,115	Ton	$20.40	$1,430,000
	2010	49,756		$19.94	$992,000
Firewood (2)	2011	17,067	Cord	$175.78	$3,000,000
	2010	24,991		$166.55	$4,162,000
Fuel (Cogeneration) (3)	2011	85,633	Ton	$40.00	$3,425,000
	2010	62,325		$40.00	$2,493,000
Manure (4)	2011	956,252	Ton	$5.46	$5,224,000
	2010	1,003,570		$6.67	$6,694,000
Total	2011				$13,080,000
	2010				$14,341,000

(1) For 2011, 2010: For Animal Bedding.
(2) For 2011, 2010: Includes Orchard Prunings and Removals for Firewood (Recorded in Cords).
(3) For 2011, 2010: Includes Orchard Prunings and Orchard Removals for Fuel (Recorded in Dry Tons).
(4) For 2011, 2010: Includes Livestock and Poultry Manure.

Pest Prevention

The California Food and Agricultural Code mandates pest prevention programs to prevent the introduction and spread of pests in California. Pest prevention involves Pest Exclusion, Pest Detection, Pierce's Disease Control, and the Federal Phytosanitary Certification Program.

PEST EXCLUSION PROGRAM

Pest Exclusion is the first line of defense to prevent the introduction of pests, injurious to agriculture, that are not of common occurrence in Merced County.

A total of 8,286 shipments of incoming plant material were inspected in 2011. Shipments are inspected at United Parcel Service, United States Post Offices, Federal Express and trucking terminals. Twenty-five shipments were rejected. The 25 rejections were for live pests, material not properly certified, or improper container markings.

PIERCE'S DISEASE CONTROL PROGRAM

To prevent the introduction of the Glassy-winged Sharpshooter (GWSS) *(left)* into Merced County, which is the main insect vector of Pierce's Disease, all shipments of nursery stock from infested counties, shipped by nurseries under a Master Compliance Agreement, are inspected. GWSS has the ability to spread Pierce's Disease rapidly among grape vines with devastating results. Five hundred eighty-nine shipments of nursery stock from infested counties were inspected in 2011.

In addition, all nurseries receiving nursery stock from GWSS infested areas plus 1,539 residential yards were visually inspected for GWSS presence during 2011. No GWSS were detected.

FEDERAL PHYTOSANITARY CERTIFICATION PROGRAM

This program ensures that plants and plant commodities exported to foreign countries from Merced County are free from injurious pests. In 2011, the Merced County staff inspected and issued Phytosanitary Certificates for 6,022 export shipments.

PEST DETECTION PROGRAM

Pest Detection uses visual inspections and insect traps that target specific exotic insects of high agricultural and economic importance.

The trapping program in Merced County targeted the following pests:

- Asian Citrus Psyllid *(Diaphorina citri Kuwayama)*
- Apple Maggot *(Rhagoletis pomonella)*
- European Pine Shoot Moth *(Rhyacionia buoliana)*
- Glassy-winged Sharpshooter *(Homalodisca coagulate)*
- Light Brown Apple Moth *(Epiphyas postvittana)*
- Khapra Beetle *(Trogoderma granarium)*
- Melon Fly *(Dacus cucurbitae)*
- Oriental Fruit Fly *(Dacus dorsalis)*
- European Grape Vine Moth *(Lobesia botana)*
- Vine Mealy Bug *(Planococcus ficus)*
- European Corn Borer *(Ostrinia nubilalus)*
- Gypsy Moth *(Lymantria dispar)*
- Japanese Beetle *(Popillia japonica)*
- Mediterranean Fruit Fly *(Ceratitis capitata)*
- Mexican Fruit Fly *(Anastrepha ludens)*
- Sweet Potato Weevil *(Cylas formicarius elegantulus)*

A total of 2,827 pest detection traps were placed in Merced County and inspected a total of 35,874 times during the 2011 trapping season.

PEST ERADICATION PROGRAM

The Pest Eradication Program endeavors to eliminate infestations of significant agricultural pests with limited distribution before they are able to cause on-going economic cost to California Agriculture.

Successful eradication projects include Sweet Potato Weevil *(left)*, Banana Waterlily, and Japanese Dodder.

Detection and eradication efforts for the invasive weeds South American Sponge Plant ("A" Rated), Purple Loosestrife ("B Rated), and Purple Mustard ("B Rated") were conducted during 2011. Due to budget constraints, little or no work is anticipated to be done in 2012.

Detection and eradication efforts for the insect pest Pink Bollworm *(right)* continues. One native Pink Bollworm moth was trapped on the Westside of Merced County in 2011. The Pink Bollworm is a major cotton pest. Eradication efforts included a State operated trapping program of 55,605 acres in conjunction with County enforcement of the host-free period from January 1 through March 10, also known as cotton plowdown. Treatment is accomplished through mating disruptions utilizing pheromones and sterile moths.

BIOLOGICAL CONTROL

The Biological Control (Biocontrol) Program uses natural enemies to suppress pest populations to economically and environmentally acceptable levels. Once the biocontrol agent becomes established it is self-perpetuating, reducing the need to use pesticides. The following are pests found in Merced County and their Biocontrol Agents.

PEST	ORGANISM
Ash Whitefly *(Siphoninus phillyreae)*	Parasitoid Wasp *(Encarsia inaron)*
Grapeleaf Skeletonizer *(Harrisina brillians)*	Parasitic Fly *(Ametadoria misella)* Virus *(WGLS Granulosis)* Parasitic Wasp *(Apanteles harrisinae)*
Italian Thistle *(Carduus sp.)*	Seed-Head Weevil *(Rhinocllyus conicus)*
Klamath Weed *(Hypericum perforatum)*	Leaf Beetle *(Chrysolina quadrigemina)*
Milk Thistle *(Silybum marianum)*	Seed-Head Weevil *(Rhinocyllus conicus)*
Puncture Vine *(Tribulus terrestris)*	Seed Weevil *(Microlarinus lareynii)* Stem Weevil *(Microlarinus lypriformis)*
Red Gum Lerp Psyllid *(Glycaspis brimblecombei)*	Parasitoid Wasp *(Psyllaephagus bliteus)*
Russian Thistle *(Salsola sp.)*	Case-Bearer Moth *(Coleophora klimeschiella)* Russian Thistle Borer *(Coleophora parthenica)*
Yellowstar Thistle *(Centaurea solstitialis)*	Seed-Head Weevil *(Bangasternus orientalis)* Seed-Head Gall Fly *(Urophora sirunaseva)* Hairy Weevil *(Eustenopus villosus)* False Peacock Fly *(Chaetorellia succinea)* Rust Fungus *(Puccinia jaceae var. solstitialis)*

Organic Farming

Merced County had 55 growers of organic commodities, three organic processors, and five organic handlers in 2011. These growers farmed a total of 35,170 acres to produce assorted organic field crops, berries, fruits, nuts, vegetables, as well as, organic pastureland, fallow farmland, and rangeland. Organic eggs, livestock, milk, and poultry were also produced.

Certified Farmers Market Program

Prior to the adoption of Certified Farmers Markets (CFM) regulations in 1977, by the California Department of Food and Agriculture (CDFA), farmers were required to properly pack, size, and label their fresh fruits, nuts, and vegetables in standard containers for transport and sale anywhere other than the site where they were grown. These regulations exempt farmers who sell their products at a CFM from packing, sizing, and labeling requirements.

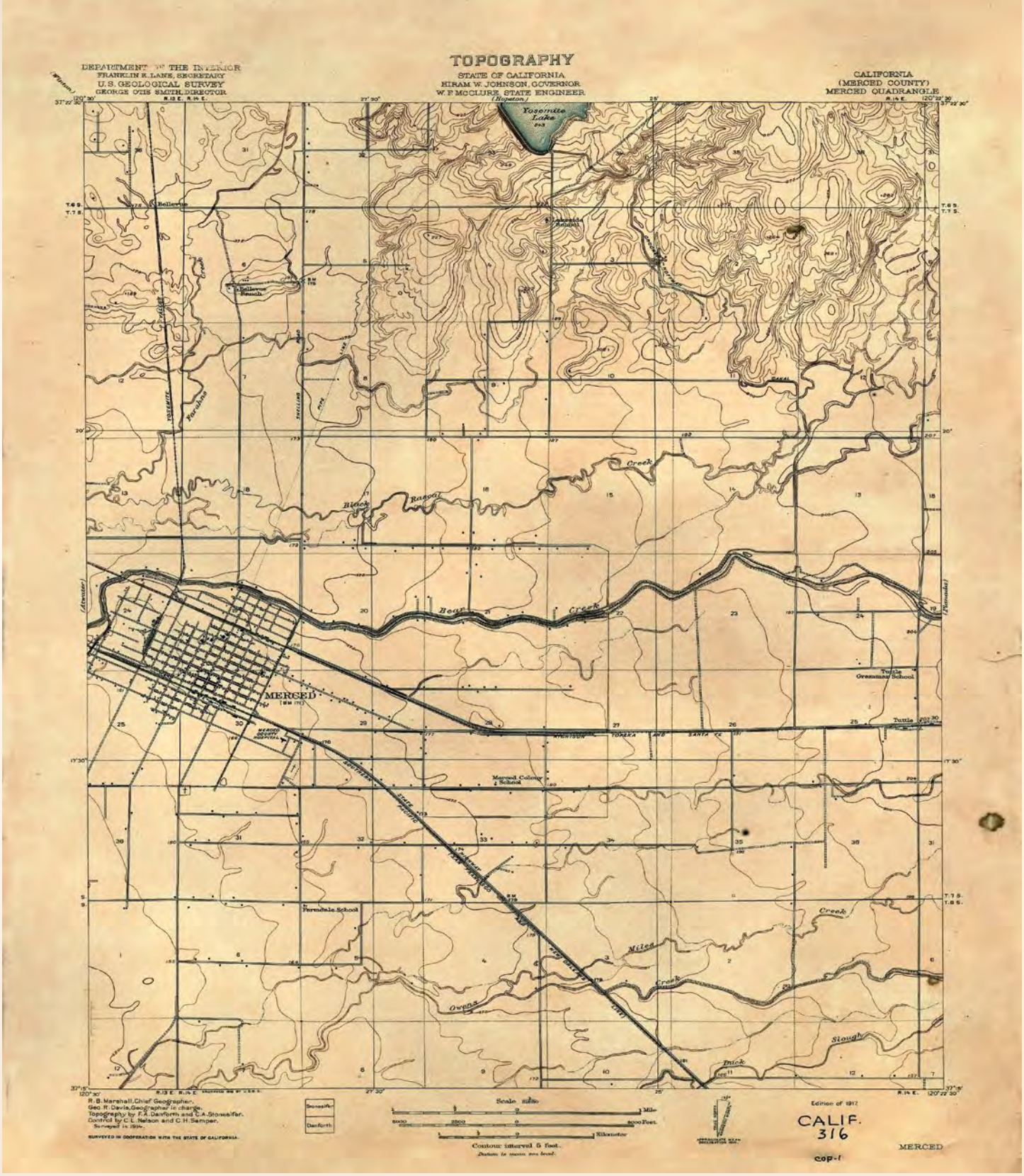
The direct marketing through CFMs provides benefits for both the farming community and the consumer. By selling direct to the public, the grower is able to cut his costs by eliminating the middleman, and is able to bring field and tree ripened fruits and vegetables, which are too delicate for traditional food distribution systems to market. The consumer also benefits from the elimination of the middleman with reduced prices, but more importantly they are assured of getting only California grown fruits and vegetables, fresh and in season.

CFMs have also become social gathering places where the farming community and the urban community can come together to communicate, learn, and relate to each other. This type of relationship will go a long way to re-establishing the link between farmers and consumers here in California.

In Merced County, we are fortunate to have six CFMs located throughout the county. Below is a table listing their locations, season, and hours of operation.

If you are interested in opening a Certified Farmers Market, or in becoming a Certified Producer, contact the County Agricultural Commissioner in the county in which you grow your commodities.

CITY	MARKET	LOCATION	SEASON	DAY	HOURS
Merced	Original Merced County Farmers Market, # 2	The "Promenade" *w*/ Paulson, *n*/ East Yosemite Avenue	May–Dec	Wed	8:00am–12:00pm
Gustine	Gustine Certified Market	Schmidt Park Linden Avenue/Hwy 33/140	June–Aug	Tue	4:00pm–7:00pm
Los Banos	Los Banos CFM	H St. & 7th St.	June–Sep	Sat	7:00am–12:00pm
Merced	Original Merced Co. Farmers Market	Parking lot, southwest corner of 19th & N Street	Year-Round	Sat	8:00am–12:00pm
Le Grand	Le Grand CFM	Madison Street, between Le Grand Rd. & Washington Ave.	May–Oct	Tue	6:00pm–8:00pm
Merced	Market on Main	Main Street from M-K Streets & Bob Hart Square	June–Oct	Thu	5:30pm–10:00pm



General County of Merced Information

County Seat ..... City of Merced
County Population ..... 259,898 (per 2011 Census estimate)
Incorporated Cities (6) ... Atwater, Dos Palos, Gustine, Livingston, Los Banos, Merced

Farmland:

Total County Acreage	1,265,617 acres	of Statewide Importance ...	151,340 acres
Grazing Land	562,461 acres	Unique ...	109,030 acres
Nonagricultural & Natural Vegetation	12,737 acres	of Local Importance	65,057 acres

Commodity Value Crop Comparison

COMMODITIES	2011	2001	1991	1981
Aquaculture	$2,149,000	$2,974,000	$1,459,000	—
Apiary Industry	$26,585,000	$10,350,000	$4,672,000	$2,812,000
Field Crops	$459,557,000	$251,202,000	$195,816,000	$179,656,000
Fruit and Nut Crops	$568,151,000	$224,351,000	$174,984,000	$113,098,000
Livestock and Poultry Production	$655,726,000	$352,817,000	$213,823,000	$184,181,000
Livestock and Poultry Products	$1,191,915,000	$658,853,000	$307,960,000	$200,733,000
Nursery Products	$41,828,000	$22,233,000	$12,288,000	$9,932,000
Other Agriculture	$13,080,000	$9,438,000	$10,048,000	—
Seed Crops	$2,113,000	$1,963,000	$1,679,000	$2,539,000
Vegetable Crops	$298,765,000	$166,203,000	$107,947,000	$66,438,000
Total	$3,259,868,000	$1,700,385,000	$1,030,676,000	$759,389,000

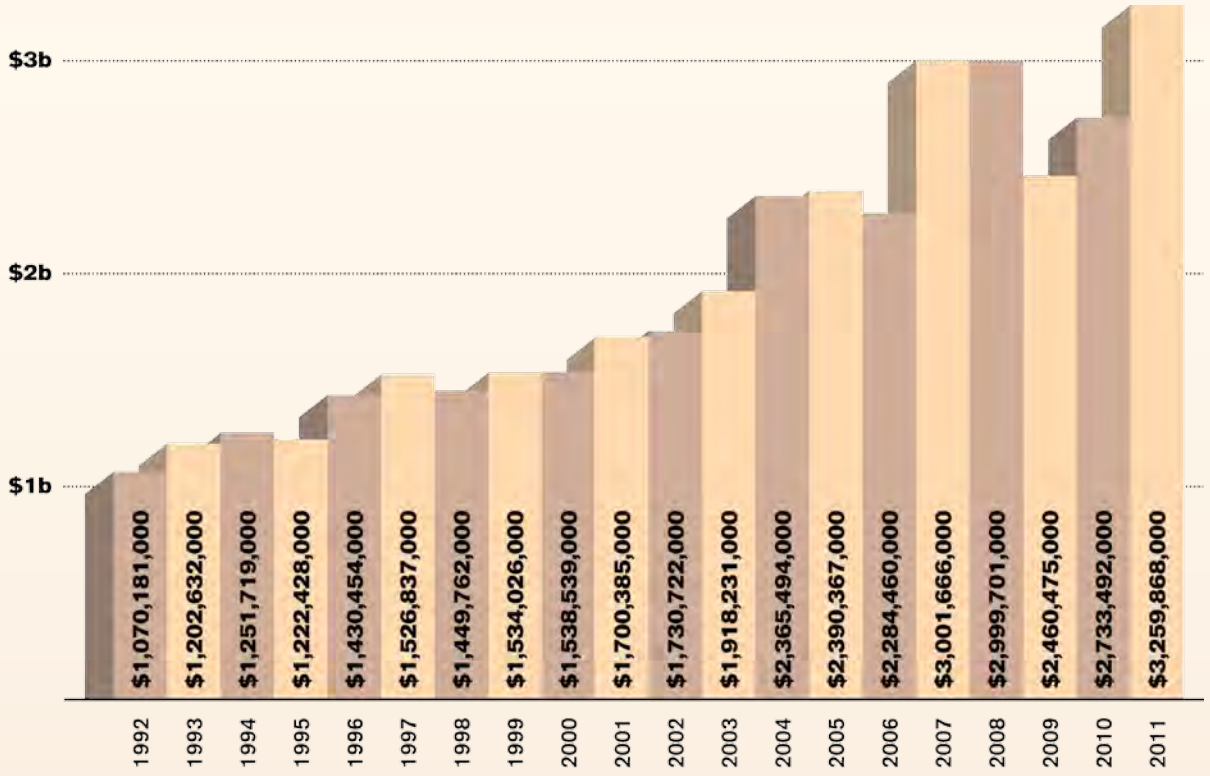


PHOTO: PAUL & LUCIA MARTIN

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MERCED COUNTY
DEPARTMENT OF AGRICULTURE
2139 Wardrobe Avenue
Merced, California 95341-6445

MERCED
COUNTY
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2012 Agricultural Report
SAN JOAQUIN COUNTY

Leading the State...

SAN JOAQUIN COUNTY LEADS THE STATE

Consistently, San Joaquin County leads the state in the production value of apples, asparagus, cherries, grain corn and walnuts. In 2012, these five crops generated $833,452,000. This figure represents 29% of the County's total agricultural value.

APPLES

San Joaquin County is the largest producer, packer and exporter of apples in California. As compared to the other leading crops, apples are a relative newcomer to the County's crop mix. Apples first appeared in the County's Agricultural Report in 1974. The apple acreage reported that year was 91 acres. Apple acreage peaked in 2005 with 5,880 acres and it is now holding steady at 3,610 acres. The County's average production value for apples is close to $50 million, which is 42% of the state's production value. The majority of the County's apples are grown in the Linden and Thornton areas of the County.

ASPARAGUS

Even though acreage has declined over the past few years, asparagus remains as one of the County's hallmark crops. The County's asparagus crop was king throughout much of the last century peaking at approximately 55,000 acres in the 1950s and representing nearly half of the County's vegetable production value. Due to worldwide competition and rising labor costs, asparagus is now down to approximately 6,300 acres. Nonetheless, the County's average production value for asparagus is 49% of the state's total value and amounts to a little more than $36 million annually. Asparagus is primarily grown in the Delta region of the County.

CHERRIES

San Joaquin County is world renowned for its cherry crop. The County exports over 25,400 tons of fresh-packed cherries to over 50 foreign countries. The top five export destinations are: 1) Canada, 9,500 tons; 2) Japan, 7,000 tons; 3) Korea, 3,000 tons; 4) Taiwan, 1,300 tons; and 5) China, 1,100 tons. On average, the County produces approximately 45% of the state's cherry crop. The majority of the cherries in California are grown and packed in the County and are found in the Linden/Lodi/Stockton areas.

GRAIN CORN

There are many types of corn but grain corn is the most commonly produced with over 75 million acres grown in the United States each year. Unlike sweet corn that is eaten fresh, grain corn is dried and processed. Most of the grain corn produced is used in livestock feed. The balance is processed into ingredients for many food items and industrial purposes. Corn for grain is mainly produced in the Delta area of the County. The soil of the Delta is rich in nutrients, holds water readily and with an abundant water supply, the Delta area is very conducive to corn production. The value of the County's grain corn crop averages a little more than $56 million or 34% of the state's production value.

WALNUTS

Over the past five years, the value of the County's walnut crop has increased by more than 3 ½ times. This rapid increase in walnut value is largely due to increased acreage and a strong export market. In addition to the County's traditional walnut export markets, emerging markets such as China, India, and Turkey have helped fuel the recent rapid increase in exports. Walnuts are grown in the Linden/Stockton area of the County and areas south of Stockton. The County accounts for approximately 20% of California's walnut production value.

SAN JOAQUIN COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

2012 ANNUAL CROP REPORT

Scott Hudson
Agricultural Commissioner / Sealer

Compiled by
Rick Schwieger & Anna Brown

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MS. KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
AND
THE HONORABLE BOARD OF SUPERVISORS
SAN JOAQUIN COUNTY

Dear Secretary and Board Members:

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to present the seventy-ninth annual report of agricultural production in San Joaquin County.

The gross value of agricultural production for 2012 is estimated at another all-time high of $2,869,472,000. This is an increase of 28.18% from the 2011 estimated production value of $2,238,688,000. The following are the 2012 values for each crop category, as well as, the percentage change over the 2011 values:

- Field Crops: $329,973,000 (+7.4%)
- Vegetable Crops: $265,568,000 (-10.1%)
- Seed Crops: $3,562,000 (-29.7%)
- Nursery Products: $87,957,000 (+13.7%)
- Livestock & Poultry: $97,151,000 (-5.0%)
- Livestock & Poultry Products: $423,279,000 (-10.2%)
- Apiary Products: $21,610,000 (+56.6%)
- Fruit & Nut Crops: $1,640,372,000 (+71.5%)

2012 provided excellent growth in agriculture for San Joaquin County. Increases in almond and grape acreages and yields accounted for significant growth for each commodity. Following two below average years, cherries have shown increases in both yields and values. Decreases in the number of cattle and in milk production have resulted in losses for those commodities.

The values shown are estimates based on the most common method of sale for the individual commodity, except for fresh fruits and vegetables where the value is based on the F.O.B. packed price at the shipping point. The figures contained in this report are gross values rather than net returns to the grower.

I wish to express my sincere appreciation to all who assisted my Agricultural Biologists and Deputies by furnishing the necessary information that made this report possible.

Respectfully submitted

Scott Hudson
Agricultural Commissioner/Sealer

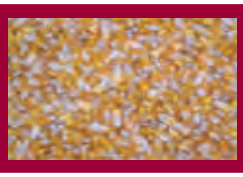
FIELD CROPS

Grain corn prices increased $33.00 per ton while silage corn and silage other, including green chop, saw significant acreage increases.

		PRODUCTION				GROSS VALUE		
CROP	YEAR	ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
BEANS, DRY, ALL	2012	6,600	1.17	7,730	TON	$639.00		$4,938,000
	2011	4,000	1.16	4,630	TON	$998.00		$4,622,000
LIMA	2012	1,400	1.43	2,000	TON	$1,285.00	$2,570,000	
	2011	2,800	1.20	3,360	TON	$1,003.00	$3,370,000	
BEANS, OTHER*	2012	5,150	1.11	5,730	TON	$1,152.00	$2,368,000	
	2011	1,220	1.04	1,270	TON	$1,000.00	$1,252,000	
CORN, GRAIN	2012	60,600	4.82	292,000	TON	$239.00		$69,788,000
	2011	63,000	5.20	328,000	TON	$206.00		$67,568,000
HAY, ALL	2012	63,700	6.50	414,000	TON	$216.00		$89,602,000
	2011	62,700	5.69	357,000	TON	$251.00		$89,577,000
ALFALFA	2012	57,100	6.77	387,000	TON	$220.00	$85,140,000	
	2011	53,400	6.24	333,000	TON	$255.00	$84,915,000	
OTHER	2012	6,600	4.00	26,400	TON	$169.00	$4,462,000	
	2011	9,300	3.08	28,600	TON	$163.00	$4,662,000	
PASTURE & RANGE	2012	134,500			ACRE	$40.00		$5,393,000
	2011	134,500			ACRE	$45.00		$5,993,000
IRRIGATED	2012	14,500			ACRE	$165.00	$2,393,000	
	2011	14,500			ACRE	$165.00	$2,393,000	
OTHER	2012	120,000			ACRE	$25.00	$3,000,000	
	2011	120,000			ACRE	$30.00	$3,600,000	
RICE	2012	6,010	4.10	24,600	TON	$326.00		$8,020,000
	2011	5,410	3.99	21,600	TON	$363.00		$7,841,000
SAFFLOWER	2012	5,600	1.25	7,000	TON	$525.00		$3,680,000
	2011	7,170	2.00	14,330	TON	$500.00		$7,165,000
SILAGE, CORN	2012	52,300	30.80	1,611,000	TON	$45.00		$72,495,000
	2011	45,100	31.61	1,426,000	TON	$44.00		$62,744,000
SILAGE, OTHER INCLUDES GREEN CHOP	2012	109,000	9.60	1,047,000	TON	$42.00		$43,974,000
	2011	91,600	6.54	599,000	TON	$34.00		$20,366,000
WHEAT	2012	29,100	3.05	88,600	TON	$226.00		$20,031,000
	2011	37,500	2.90	108,700	TON	$206.00		$22,385,000
OTHER	2012	43,000						$12,052,000
	2011	80,600						$18,975,000
TOTAL	2012	508,000						$329,973,000
	2011	532,000						$307,236,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

*BEANS OTHER WILL NOW INCLUDE BLACKEYE, KIDNEY, GARBANZO, AND ALL OTHER BEANS NOT LISTED



Seed Crop

Seed production in the County continues to show a downward trend in 2012.

CROP	YEAR	PRODUCTION ACRES	YIELD	TOTAL	UNIT	GROSS VALUE PER UNIT	TOTAL
BEANS, OTHER	2012	295	21.40	6,300	CWT	$47.00	$296,000
	2011	44	23.00	1,000	CWT	$46.00	$55,000
MISCELLANEOUS	2012	880					$3,266,000
	2011	514					$5,014,000*
TOTAL	2012	1,180					$3,562,000
	2011	558					$5,069,000

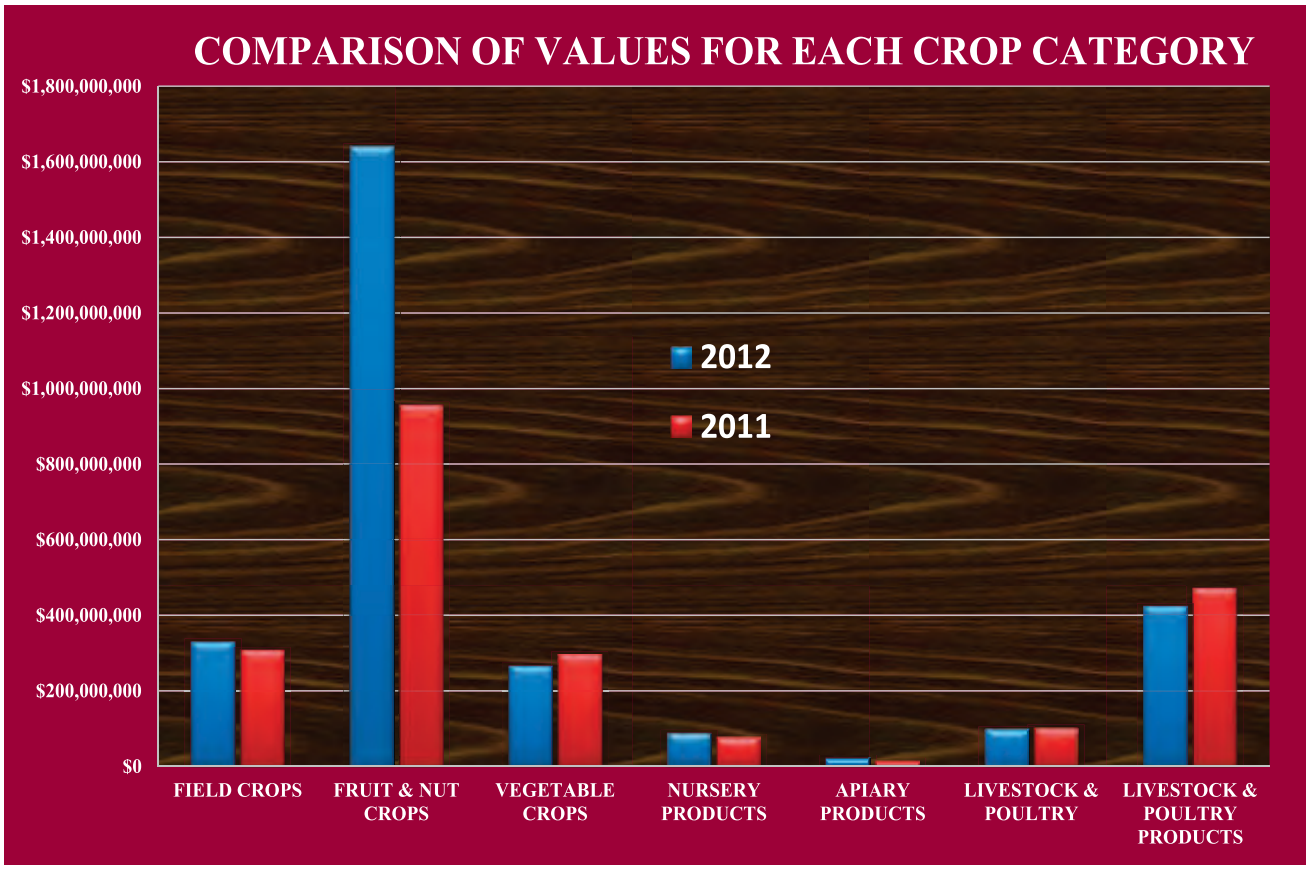
NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

KIDNEY BEANS INCLUDED IN BEANS OTHER

VEGETABLES SEEDS INCLUDED IN MISCELLANEOUS

* MISCELLANEOUS DOUBLE REPORTED IN 2011

PERCENTAGE OF EACH CATEGORY TO TOTAL



FRUIT AND NUT CROPS

Wine grape acreage, yields and values showed significant increases from 2011, resulting in grapes being the number one crop in 2012.

		PRODUCTION				GROSS VALUE		
CROP	YEAR	ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ALMOND, MEATS	2012	56,100	1.23	69,000	TON	$4,354.00		$300,426,000
	2011	48,800	1.03	50,200	TON	$3,740.00		$187,748,000
ALMOND, HULLS	2012			155,000	TON	$145.00		$22,519,000
	2011			113,000	TON	$124.00		$14,012,000
APPLES, ALL	2012	3,610	21.00	75,800	TON	$503.00		$45,157,000
	2011	3,670	23.49	86,153	TON	$496.00		$51,390,000
FRESH	2012			55,300	TON	$705.00	$39,016,000	
	2011			62,390	TON	$665.00	$41,489,000	
PROCESSING	2012			20,500	TON	$300.00	$6,141,000	
	2011			23,763	TON	$416.00	$9,901,000	
APRICOTS	2012	856	12.00	7,600	TON	$398.00		$3,025,000
	2011	694	12.00	8,300	TON	$450.00		$3,735,000
BLUEBERRIES	2012	1,320	4.20	5,550	TON	$3,720.00		$20,639,000
	2011	1,190	4.35	5,160	TON	$4,671.00		$24,102,000
CHERRIES, ALL	2012	20,660	3.08	63,800	TON	$3,534.00		$225,416,000
	2011	19,534	1.43	28,000	TON	$3,185.00		$89,175,000
FRESH	2012			56,600	TON	$3,888.00	$220,061,000	
	2011			21,000	TON	$4,111.00	$86,331,000	
PROCESSING	2012			10,000	TON	$524.00	$5,355,000	
	2011			7,040	TON	$404.00	$2,844,000	
GRAPES, ALL	2012	110,300	8.09	892,000	TON	$616.00		$549,054,000
	2011	93,300	5.61	523,000	TON	$548.00		$286,728,000
TABLE, CRUSHED	2012	805	8.50	6,840	TON	$325.00	$2,223,000	
	2011	280	5.00	1,400	TON	$229.00	$321,000	
WINE, ALL	2012	109,500	8.08	885,000	TON	$618.00	$546,830,000	
	2011	93,100	5.61	522,000	TON	$549.00	$286,407,000	
FRESH	2012			7,920	TON	$1,112.00	$8,807,000	
	2011			4,410	TON	$300.00	$1,323,000	
CRUSHED	2012			885,000	TON	$608.00	$538,080,000	
	2011			518,000	TON	$551.00	$285,418,000	

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

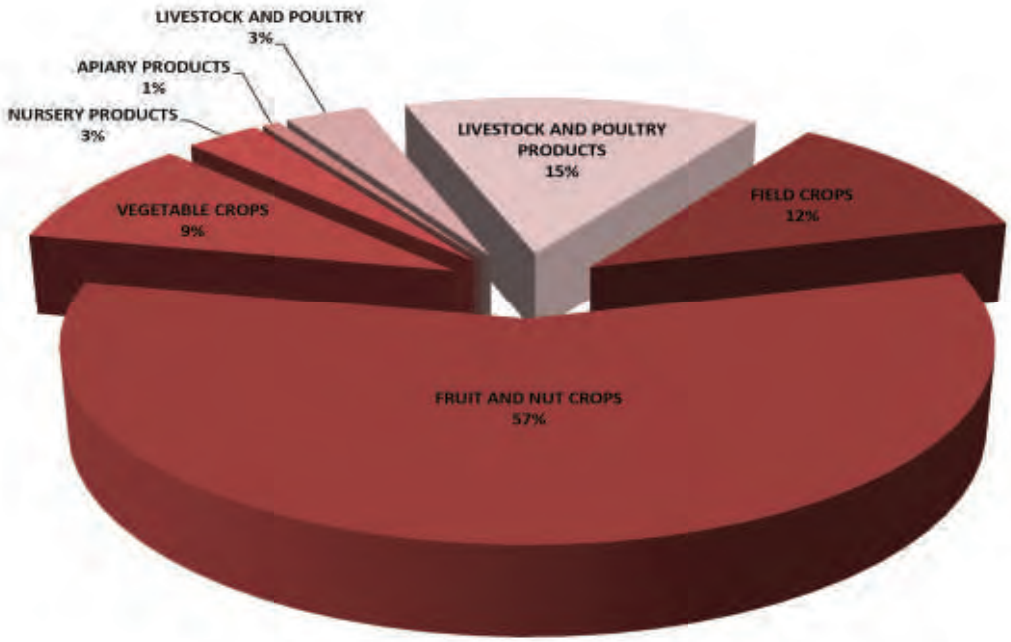
FRUIT AND NUTS CROPS

Almonds and walnuts continue to show growth in acreage, yields and values.

CROP	YEAR	PRODUCTION ACRES	PER ACRE	TOTAL	UNIT	GROSS VALUE PER UNIT	SUBTOTAL	TOTAL
OLIVES, PROCESSING	2012	4,440	4.25	19,000	TON	$627.00		$11,913,000
	2011	4,163	3.54	15,000	TON	$532.00		$7,980,000
PEACHES, ALL	2012	2,070	15.50	32,000	TON	$293.00		$9,406,000
	2011	1,940	22.37	43,400	TON	$268.00		$11,623,000
CLINGSTONE	2012	830	17.00	14,000	TON	$316.00	$4,456,000	
	2011	780	16.60	12,900	TON	$291.00	$3,754,000	
FREESTONE	2012	1,240	14.50	18,000	TON	$275.00	$4,950,000	
	2011	1,160	26.33	30,500	TON	$258.00	$7,869,000	
PEARS	2012	436	17.00	7,400	TON	$295.00		$2,183,000
	2011	325	10.00	3,300	TON	$351.00		$1,158,000
WALNUTS, ENGLISH	2012	57,800	2.75	159,000	TON	$2,874.00		$456,966,000
	2011	53,000	2.07	109,700	TON	$2,542.00		$278,857,000
MISCELLANEOUS	2012	770						$3,946,000
	2011	1,030						$6,240,000
BIOMASS	2012							$1,635,000
	2011							$1,654,133
TOTAL	2012	253,000						$1,640,372,000
	2011	222,000						$956,422,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

PERCENTAGE OF EACH CATEGORY TO TOTAL



VEGETABLE CROPS

Asparagus and melons showed good increases but overall Vegetable Crop values dropped due to decreases in sweet corn, potatoes, peppers, pumpkins and onions.

		PRODUCTION						
	YEAR	ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ASPARAGUS	2012	6,320	1.97	12,500	TON	$2,890.00		$36,125,000
	2011	6,400	1.68	10,800	TON	$2,930.00		$31,644,000
CORN, SWEET	2012	2,560	7.70	19,700	TON	$408.00		$8,038,000
	2011	4,890	7.70	37,700	TON	$501.00		$18,888,000
CUCUMBERS	2012	2,410	9.00	21,700	TON	$182.00		$3,949,000
	2011	2,390	8.30	19,900	TON	$183.00		$3,642,000
MELONS, ALL	2012	2,530	40.40	102,000	TON	$405.00		$41,351,000
	2011	2,110	41.23	87,000	TON	$275.00		$23,931,000
WATERMELON	2012	2,290	42.13	96,500	TON	$405.00	$39,083,000	
	2011	2,080	41.50	86,300	TON	$275.00	$23,733,000	
OTHER	2012	240	23.63	5,670	TON	$400.00	$2,268,000	
	2011	30	22.00	660	TON	$300.00	$198,000	
ONIONS, DRY	2012	1,820	25.00	45,500	TON	$300.00		$13,650,000
	2011	2,880	25.24	72,700	TON	$210.00		$15,267,000
PEPPERS	2012	1,030	19.01	19,600	TON	$529.00		$10,359,000
	2011	1,630	24.00	39,100	TON	$400.00		$15,640,000
POTATOES	2012	3,600	18.85	68,100	TON	$360.00		$24,516,000
	2011	3,200	19.10	61,700	TON	$780.00		$48,126,000
PUMPKINS	2012	3,120	17.50	54,600	TON	$300.00		$16,380,000
	2011	3,280	18.00	59,000	TON	$320.00		$18,880,000
TOMATOES, ALL	2012	30,200	38.44	1,161,000	TON	$88.00		$102,632,000
	2011	32,300	36.25	1,171,000	TON	$92.00		$107,844,000
SHIPPING	2012	3,880	14.54	56,000	TON	$412.00	$23,072,000	
	2011	4,960	13.12	65,000	TON	$400.00	$26,000,000	
PROCESSING	2012	26,300	42.00	1,105,000	TON	$72.00	$79,560,000	
	2011	27,300	40.51	1,106,000	TON	$74.00	$81,844,000	
MISCELLANEOUS VEGETABLES	2012	1,720						$8,568,000
	2011	3,580						$11,576,000
TOTAL	2012	55,300						$265,568,000
	2011	62,700						$295,438,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

NURSERY AND APIARY PRODUCTS

Nursery products continue to show steady growth. The number and price of hives for pollination continues to increase annually.

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD	UNIT	GROSS VALUE TOTAL
GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	2012	115,111,000	PLANT	$12,404,000
	2011	99,812,000	PLANT	$11,714,000
VEGETABLE PLANTS	2012	359,552,000	PLANT	$14,921,000
	2011	400,294,000	PLANT	$13,955,000
FLOWERING POTTED PLANTS	2012	1,062,000	EACH	$2,511,000
	2011	598,000	EACH	$2,840,000
FOLIAGE PLANTS	2012	659,000	EACH	$3,134,000
	2011	704,000	EACH	$3,129,000
BEDDING PLANTS	2012	244,807,000	PLANT	$13,331,000
	2011	230,669,000	PLANT	$11,418,000
WOODY ORNAMENTALS	2012	7,035,000	EACH	$27,527,000
	2011	6,281,000	EACH	$22,669,000
BULBS, RHIZOMES, TURF, CACTUS, CHRISTMAS TREES, ETC.	2012			$14,129,000
	2011			$11,645,000
TOTAL	2012			$87,957,000
	2011			$77,370,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
HONEY	2012	108,000	LBS	$2.05	$221,000
	2011	108,000	LBS	$1.56	$168,000
POLLINATION	2012	152,400	HIVE	$139.00	$21,244,000
	2011	114,300	HIVE	$109.00	$12,415,000
OTHER APIARY*	2012				$145,000
	2011				$1,218,000
TOTAL	2012				$21,610,000
	2011				$13,801,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

*OTHER APIARY INCLUDES POLLEN, BEES, QUEENS, NUCLEUS COLONIES & BEESWAX

LIVESTOCK AND POULTRY

Decreases in the number of cattle, along with reductions in milk production, resulted in lower Livestock and Poultry values.

ITEM	YEAR	NO. HEAD	LIVE WEIGHT	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
CATTLE & CALVES	2012	107,000	782,000	CWT	$86.00	$66,987,000
	2011	119,700	827,000	CWT	$86.00	$71,479,000
SHEEP & LAMBS	2012	17,365	23,000	CWT	$149.00	$3,437,000
	2011	13,874	18,000	CWT	$185.00	$3,333,000
BROILERS	2012	1,668,000	9,601,700	LBS	$0.67	$3,614,000
	2011	1,718,000	9,964,400	LBS	$0.64	$3,624,422
TURKEYS	2012	601,000	20,549,000	LBS	$0.88	$18,083,000
	2011	558,000	19,579,000	LBS	$0.83	$16,325,000
OTHER LIVESTOCK**	2012					$5,030,000
	2011					$7,476,000 *
TOTAL	2012					$97,151,000
	2011					$102,237,400

**OTHER LIVESTOCK INCLUDES HOGS, GOATS, SQUAB, DUCKS, AND OTHER FOWL

*CORRECTED VALUES FOR "OTHER LIVESTOCK" 2011

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
MILK, ALL *	2012	23,771,000	CWT	$17.00		$404,109,000
	2011	24,461,000	CWT	$19.00		$452,880,000
WOOL	2012	62,000	LBS	$1.80		$112,000
	2011	32,000	LBS	$1.75		$57,000
EGGS, CHICKEN	2012	20,047,000	DOZ	$0.84		$16,771,000
	2011	19,380,000	DOZ	$0.82		$15,848,000
MANURE	2012	457,000	TON	$5.00		$2,287,000
	2011	491,000	TON	$7.68		$2,454,000
TOTAL	2012					$423,279,000
	2011					$471,239,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

*PREVIOUS REPORTS SHOWED MANUFACTURING AND PROCESSING MILK SEPARATELY

Top 5 Crops

Fun Facts and Trivia

CORN

- One bushel of corn weighs 56 pounds and will sweeten 400 cans of soft drinks.
- An ear of corn has 16 rows of kernels, average 600 kernels per ear with one corn silk per kernel.
- Ethanol, a renewable biofuel made from corn, is currently blended into more than 80 percent of the nation's fuel supply.

ASPARAGUS

- In August 1900 the first commercial shipment of canned asparagus was sent east in twenty railcars by the Hickmont Cannery on Bouldin Island.
- In 1925 two stern-wheeled riverboats, the Delta King and Delta Queen, initiated bulk shipments of canned asparagus from Stockton to Sacramento and then on to the bay area.
- In 1984, over 23, 259 acres of asparagus were harvested in San Joaquin County generating $28,017,000 in revenue.

APPLES

- San Joaquin County is the largest producer, packer and exporter of apples in California and grows the largest amount of Gala, Fuji and Pink Lady varieties in California.
- 36 apples are required to make one gallon of cider.
- Apples originated in Central Asia and man has been eating them since at least 6500 BC.

WALNUTS

- The early English merchant mariners transported and traded walnuts throughout the world's ancient ports becoming known as the "English Walnut". Interestingly, England has never grown walnuts commercially.
- California's first commercial planting of walnuts was in 1867 near Santa Barbara. Seventy years later, in a historical horticultural move, the Central Valley production began.
- Franciscan priests brought walnuts to California in the late 1700's, and today California walnuts account for 99% of U.S and 75% of the world's production.

CHERRIES

- In an average crop year, one tree will produce 800 cherries.
- Cherries belong to the rose family as do almonds, peaches, apricots and plums.
- Sweet cherries were first brought to North America in 1629 by British Colonists and later to California by Spanish missionaries.

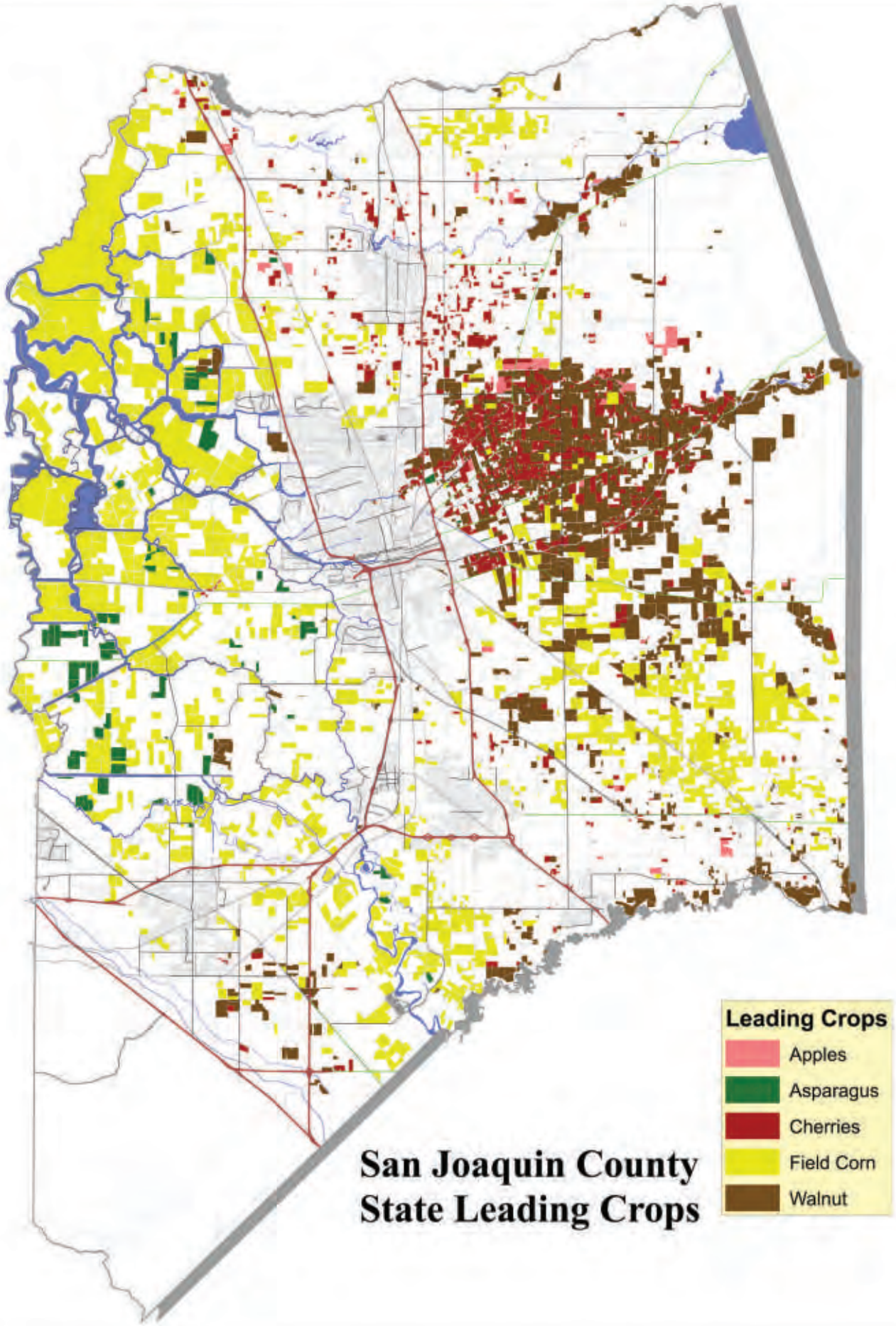
TOP TEN CROPS

2011

1. Milk - $453M
2. Grapes - $287M
3. Walnuts - $279M
4. Almonds - $188M
5. Tomatoes - $108M
6. Hay - $90M
7. Cherries - $89M
8. Cattle and Calves - $71M
9. Grain Corn - $68M
10. Silage Corn - $63M

2012

1. Grapes - $549M ↑
2. Walnuts - $457M ↑
3. Milk - $404M ↓
4. Almonds - $300M
5. Cherries - $225M ↑
6. Tomatoes - $103M ↓
7. Hay - $90M ↓
8. Silage Corn - $72M ↑
9. Grain Corn - $70M ↑
10. Cattle, Calves - $67M ↓



San Joaquin County
State Leading Crops

Pest / Detection and Sustainable Agriculture

Protection of our agricultural resources is of paramount importance for the Agricultural Commissioner's office. To protect our crops from non-native insects, a year round trapping program monitors for invasive pests. To maintain this program, the County employs 28 seasonal pest detection surveyors. These individuals are responsible for the placement, monitoring and identification of suspect pests from over 29,300 placed traps throughout the County. The Pest Exclusion unit has four full time and two part-time biologists as well as a Plant Detection dog. Responsibilities include daily inspections of arriving plant material at postal and parcel facilities, nurseries and private residences. Thousands of inspections are performed annually to keep the County free of non-native pests.

Here are some of the traps you might see around the county:

Jackson traps are a simple but effective means to trap a number of insects of concern, including the Oriental Fruit Fly, Mediterranean Fruit Fly, Melon Fruit Fly, and Light Brown Apple Moth (LBAM). A lure or bait specific to the insect of interest is placed in the trap, along with a sticky cardboard insert. During 2012, county trappers found several LBAM using these traps. No fruit flies of concern were detected.

Red delta-shaped traps, like the one pictured to the left, are deployed specifically to monitor for presence of the European Grapevine Moth (EGVM), a serious invasive pest of grapes. During the 2012 EGVM detection season, over 5,000 traps were placed in the County and monitored by 10 trappers every 2 weeks from March through October. EGVM was not detected in 2012.

The European Gypsy Moth has been established in the eastern US since the mid 1800's, but has so far been prevented from becoming established in California. Trappers deploy a green delta trap with a pheromone strip to attract male moths. In 2012, 246 Gypsy Moth traps were monitored throughout the county and none were found.

Yellow panel traps are primarily used for detection of the Asian Citrus Psyllid (ACP) and the Glassy-Winged Sharpshooter (GWSS). Both insects carry devastating plant diseases; ACP spreads Huanglongbing, or Citrus Greening Disease, and GWSS spreads Pierce's Disease in grapes. ACP was first found in California in 2008. This is the twelfth year the County has had a GWSS prevention program. The GWSS unit monitors over 3,000 detection traps and inspected over 2,200 incoming plant shipments in 2012.

Bell shaped glass traps, known as McPhail traps, hold a water and yeast mixture which attracts flies such as the Caribbean Fruit Fly and Mexican Fruit Fly. These two species are capable of damaging most of the fruits and vegetables grown in California. Trappers choose trap location carefully for maximum effectiveness, and check the traps weekly.

Japanese Beetles, an established fruit, vegetable, ornamental, and turf pest east of the Mississippi, has thus far successfully been prevented from building up a population in California. Our county placed and monitored 251 traps in 2012 and had no finds.

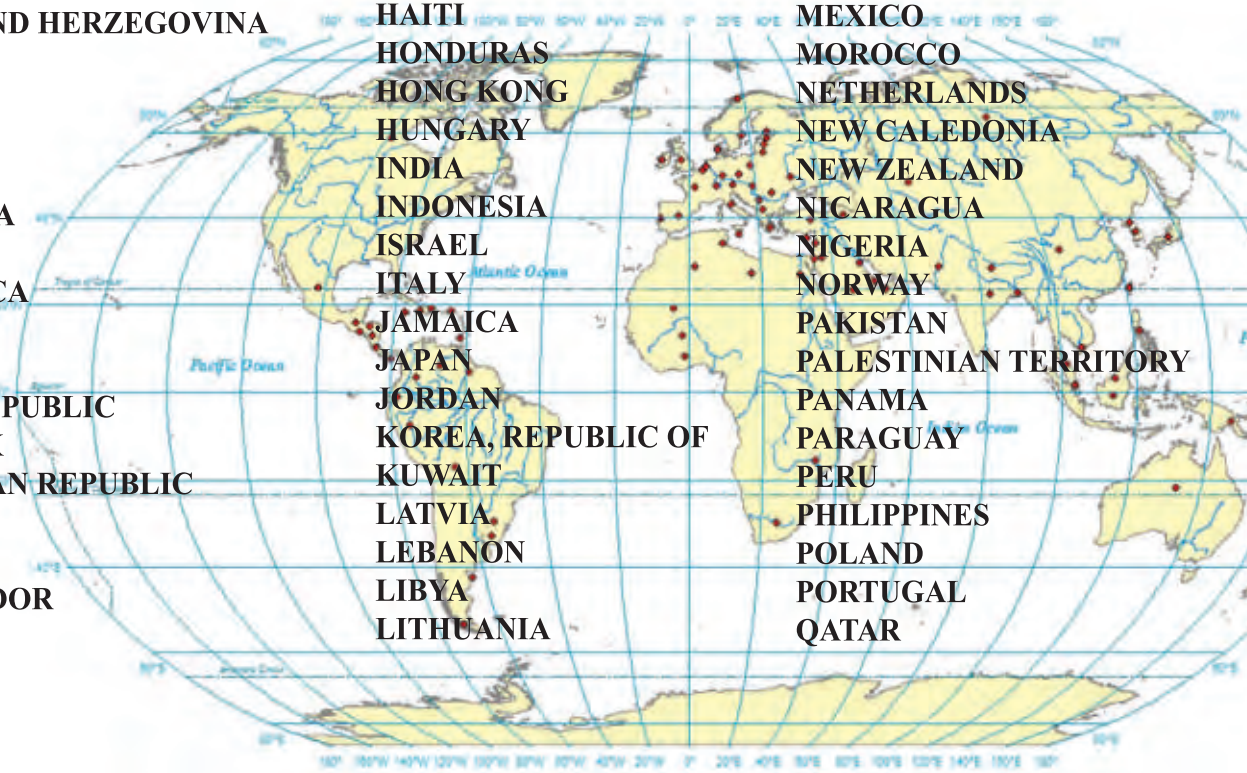
San Joaquin County Trading Partners 2012

ALGERIA
ARGENTINA
AUSTRALIA
BELGIUM
BOLIVIA
BOSNIA AND HERZEGOVINA
BRAZIL
CANADA
CHILE
CHINA
COLOMBIA
CONGO
COSTA RICA
CROATIA
CYPRUS
CZECH REPUBLIC
DENMARK
DOMINICAN REPUBLIC
ECUADOR
EGYPT
EL SALVADOR
ETHIOPIA

FRANCE
FRENCH POLYNESIA
GERMANY
GREECE
GUATEMALA
HAITI
HONDURAS
HONG KONG
HUNGARY
INDIA
INDONESIA
ISRAEL
ITALY
JAMAICA
JAPAN
JORDAN
KOREA, REPUBLIC OF
KUWAIT
LATVIA
LEBANON
LIBYA
LITHUANIA

MACEDONIA
MALAYSIA
MALI
MALTA
MAURITIUS
MEXICO
MOROCCO
NETHERLANDS
NEW CALEDONIA
NEW ZEALAND
NICARAGUA
NIGERIA
NORWAY
PAKISTAN
PALESTINIAN TERRITORY
PANAMA
PARAGUAY
PERU
PHILIPPINES
POLAND
PORTUGAL
QATAR

RUSSIAN FEDERATION
SAUDI ARABIA
SENEGAL
SINGAPORE
SOUTH AFRICA
SPAIN
SRI LANKA
SWEDEN
SWITZERLAND
TAIWAN
THAILAND
TUNISIA
TURKEY
UKRAINE
UNITED ARAB EMIRATES
UNITED KINGDOM
URUGUAY
VENEZUELA
VIETNAM



General San Joaquin County Information

County Seat:	Stockton
County Population (2010 Census):	685,306
Population per Square Mile:	489
Incorporated Cities (7):	
Escalon, Lathrop, Lodi, Manteca, Ripon, Stockton, Tracy	
Land Area (Square Miles):	1,400
Land Area in Farms (Acres-2007):	737,503
Total Cropland (Acres-2007):	492,032
Irrigated Cropland (Acres- 2007):	453,980
Number of Farms (2007):	3,624
Average Size of Farms (Acres-2007):	204
Agricultural Work Force (Monthly Average-2007):	23,037
Lowest Elevation in County (Delta Area):	12' Below Sea Level
Highest Elevation in County (Southwest Hills):	3065' Above Sea Level
Length of County (North to South):	75 Miles
Length of County (East to West):	65 Miles
Average January Temperature (F)	46
Average July Temperature (F)	76
Average Annual Rainfall:	

North County:	16 Inches	South County:	14 Inches
East County:	12 Inches	West County:	9 Inches

A SPECIAL "THANK YOU"

The San Joaquin County Agricultural Commissioner's Office expresses its appreciation to the

SAN JOAQUIN FARM BUREAU FEDERATION

and

American AgCredit ACA

for their contributions to the 2012 Crop Report. We would also like to thank the San Joaquin County Cooperative Extension for their assistance. Without their support the publication of this report would not be possible.

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