

# The Annual Economic Impacts of CalSTRS Benefit Payments

April 2007

Full Study Report, Including County-Level Data

Prepared for



## California State Teachers' Retirement System

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# Executive Summary

The California State Teachers' Retirement System accepts moneys from school district employers and from their teaching staff, as well as a small amount from the State of California, and then invests those dollars to provide a secure retirement at the end of these teachers' careers. CalSTRS has achieved a 9.1% rate of return over the past decade, with an annual rate of 13.21% in 2006. These earnings pay about 75% of the retirees' monthly checks.

One consequence of this steady performance is that retired teachers have become a significant economic engine in their communities through spending their income payments and the resulting "economic spin-off." CalSTRS' benefit recipients contribute almost \$9.225 billion per year to the California economy, and about \$4.49 billion is new dollars from value-adding ripple effects. Because of investment earnings and the spin-off effects of retiree spending, the California economy gains about \$6.71 for every one dollar "invested" in pensions by employers and taxpayers and \$0.44 in government revenues.

## Purpose of study

This study is intended to examine the economic impacts of the California State Teachers' Retirement System on the economies of the state of California and its 58 counties.

## CalSTRS

- With assets of \$159.1 billion at the end of February 2007, CalSTRS is the second largest of the state public retirement programs, and the largest teacher retirement fund.
- The fund builds a pool of retirement savings for 453,000 active members and disbursed benefit payments in 2006 to 181,833 retirees, 18,833 survivors and 7,683 disabled teachers.
- Teachers do not receive Social Security payments and most have no paid health care in retirement.
- The average CalSTRS member retired at age 61.2 after almost 26 years of service and received benefit payment checks of about \$3,810.
- Over the past decade, earnings on investments have averaged a healthy 9.1%, and investment earnings now provide for about 75% of retiree income benefits paid in 2006.

## Findings

- Benefit payments in 2006 of \$6.029 billion support a total *output* (the ripple effect of business and government revenues as spending from those benefit checks works its way through the California economy) of about \$9.225 billion.
- This economic activity supports a total of 60,867 jobs, with total compensation of around \$2.112 billion.

- The total impact on *value added*, the Gross State Product, is about \$4.49 billion, about 0.28% of the \$1.556 trillion GSP. This results in a larger impact in the California economy than the furniture or oil and gas extraction industries (as reported by the Bureau of Economic Analysis for 2004 and 2005, the last years for which data was available).
- On average, each dollar invested by the state and schools in retirement with CalSTRS yielded a return of about \$6.71 in 2006 to the California economy after being matched by employee contributions, earning returns from growth of assets and then being paid to retirees and trickling through the local economy.
- State and local governments earn \$606,960,115 per year in new revenues as a result of CalSTRS benefit income payments in California. Each employer dollar invested also reaps \$0.44 in new tax and fee revenues.
- The size of impacts is larger in those counties with larger cohorts of retired education personnel, but the ratio of impacts to the overall local economy is much greater in rural communities. For example, while the impact of benefit payments is only 0.25% of the total economic output in Los Angeles County, the impact is 1.57% of the Sierra County economy.

## Methodology

**Data Used:** This study is based on data covering the 2006 calendar year. The retirement fund provided the number and the amount of benefit payments paid to retirees in each ZIP code, which was then aggregated by county and region, the basic areas that IMPLAN correlates to other economic data.

**Using an Input-Output Model:** Measuring the economic impacts created by benefit payments requires the use of a model of the county or regional economy that can show the full effects to all sectors of the area. Recipients spend their benefit payments on household consumption (for example, utilities, groceries, retail purchases, transportation, local taxes and other categories). These business and public entities in turn make purchases, take profits and pay employees – all of which would not take place without the benefit payments. In a further round, those owners, employers and employees also spend their incomes, generating a second round of incomes to other businesses and to local government suppliers (and then a third round and so on...). Thus the sum of all the successive rounds of benefits will be much higher than the original benefit payments. In order to measure the total effects, researchers use an econometric model called an *input-output model*, which was originally created during WWII to predict how much of critical materials would be required to produce a target level of industrial output.

**IMPLAN:** This study uses the IMPLAN model, developed in the mid-1970s by the USDA, the U.S. Forest Service, and University of Minnesota economists for community impact analysis of federally-funded projects. IMPLAN is currently specified as the methodology required on many federal and state public works and natural resources projects and is widely used in California for California Environmental Quality Act (CEQA) reviews. The name for this trademarked software package originated from the description IMPact Analysis for PLANning.

The IMPLAN model must be calibrated for each local economy where impacts will be measured. The calibration requires a model for the local economy that shows all of the productive sectors and measures interconnections among them. The calibration is based on data from the U.S. Bureau of Labor Statistics ES-202 survey of local businesses, which is updated every two years. The update used in this study was performed in 2004.

## **Researchers**

**Dr. Robert Fountain** is a *professor emeritus* at California State University Sacramento, having over 25 years of experience in teaching and research on housing and regional economics topics. He has a doctoral degree from UCLA with major field concentration in Housing, Real Estate and Urban Land Economics. Other fields of study include Finance, Urban and Regional Planning and Research Methodology.

He is the Director of the Applied Research Center at Sacramento State and has also served as Chief Economist for the Sacramento Regional Research Institute and Director of the Real Estate & Land Use Institute at Sacramento State.

Dr. Fountain's experience in economic analysis over a range of related topics such as economic forecasting, economic development, land use planning, housing market analysis, labor market and educational issues and many others allows him to go "outside the box" and identify relationships among issues that have an integrated effect on the regional economic environment.

**Dr. Robert Waste** studied and taught at Harvard and Yale and received his Ph.D. from the University of California at Davis. He is now a professor in the Department of Public Policy and Administration, California State University, Sacramento and Faculty Advisor to the California Executive Fellows Program, a joint program of the CSUS Center for California Studies and the Office of the Governor of California. Previously, he was Chair of the Department of Public Policy and Administration.

Since 2002, Dr. Waste has served as the Chair of the Sacramento City Planning Commission.

His books include:

- *Independent Cities: Rethinking U.S. Urban Policy* (New York: Oxford University Press, 1998).
- *The Ecology of City Policymaking* (New York: Oxford University Press, 1989).
- *Power and Pluralism in American Cities: Researching the Urban Laboratory* (Westport, CT: Greenwood Press, 1987).

# Introduction

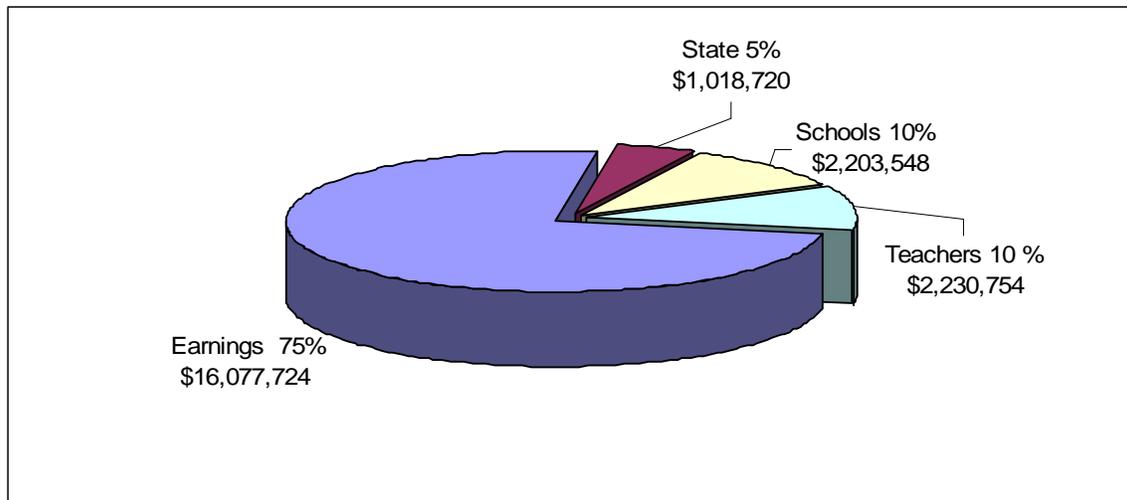
## Purpose of the study

CalSTRS collects, manages and invests contributions from school district employers, teachers and the State of California in order to provide a secure retirement for hundreds of thousands of retirees. By carefully investing contributions, almost three-quarters of the needs of those retirees are paid by investment earnings.

CalSTRS is a defined benefit retirement plan. It provides benefits based on a member's years of service, age and highest compensation. In addition, benefits are provided for disability and death, with payments in some cases going to survivors or beneficiaries of eligible members. By providing these types of benefits, CalSTRS enables 1,400 school districts, community colleges, county offices of education and regional occupational programs to attract and retain qualified and experienced educators. The retirement benefits also assure these teachers a secure and dignified retirement at the end of their careers in public service.

### Contributions to Retirement Income Payments FY 2005-06

Investment earnings pay 75% of all pensions and teachers contribute another 10%



Source: CalSTRS 2006 Comprehensive Annual Financial Report

This report focuses on one aspect of CalSTRS operations: disbursement of benefit payments directly to households of California teachers, and the resulting ripple of economic impacts on the state and its counties. The report will provide details on the amount of payments, the ensuing business activities and the employment and payroll impacts.

## CalSTRS

Created by state legislation in 1913 to address the old-age needs of retired educators, the California State Teachers Retirement System is the second largest public pension plan and the largest teachers' retirement fund in the United States. CalSTRS had a total membership of 794,812 and assets of \$159.1 billion as of February 2007. CalSTRS' primary responsibility is to provide retirement-related benefits and services to teachers in public schools from kindergarten through community college.

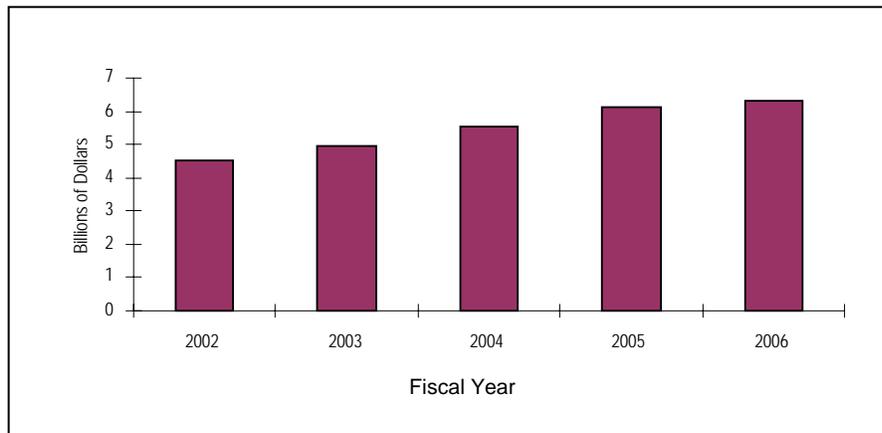
The Teachers' Retirement Board has exclusive control over the investment and administration of the Teachers' Retirement Fund. The 12-member board consists of four ex-officio members, including the Superintendent of Public Instruction, the State Treasurer, the State Controller and the Director of Finance. The Governor appoints five members, including three public members, one school board member or community college trustee and one retiree. Three members are elected by CalSTRS participants and members.

School districts, teachers and the State of California share in contributing to CalSTRS retirement funds. In 2005-2006, CalSTRS reports that state contributions to the plan averaged 2.017% of teacher's salaries, school district employer contributions averaged 8.25%, and member contributions were 8%. Total contributions made in 2006 by employers, teachers and the state to the fund were \$5.453 billion.

CalSTRS pays monthly payments to 181,833 retirees, 18,330 survivors and 7,683 disabled teachers on behalf of their employers. In 2006, the average retiree left service at age 61.2 after 26 years of service, and their monthly income replacement check was an average of \$3,810. These payments totaled \$6.86 billion in 2006.

### Total Benefits Paid

Benefits paid to retirees, disability beneficiaries and survivors  
(in billions of dollars)



Source: CalSTRS 2006 Summary Report to Members

Earnings in 2006 were \$14.26 billion (an annual return of 13.21%). Despite a dip during the national market slump following the dot-com boom, CalSTRS' annual earnings have been an average of 9.1% over the past decade.

# Economic Impacts on the State of California

CalSTRS benefit payments for 2006, the most recent calendar year, are summarized in Figure 1, below. A total of 217,621 beneficiaries in all 50 states and a large number of military postal locations received about \$6.86 billion in payments. (Note that the data include not only retirement benefits but also one-time benefit payments and other types of payments.)

As expected, the largest concentration of benefit payments and beneficiaries are located within California. California's neighboring states also generally exhibit higher numbers of recipients and benefit payments. States with a history as a popular retirement destination, such as Florida, also show larger recipient and benefit payment totals. The payments within California are about 87.9% of the total, about \$6.03 billion to 285,005 beneficiaries.

**Figure 1. CalSTRS Benefit Payment Summary**

## TOTAL BENEFIT PAYMENTS

<i>Location</i>	<i>Number of Recipients</i>	<i>Percentage of Recipients</i>	<i>Total Amount Paid</i>	<i>Percentage of Amount Paid</i>
California	184,156	84.6%	\$6,029,513,824	87.9%
Other Locations	33,465	15.4%	832,771,490	12.1%
Total	217,621	100.0%	\$6,862,285,314	100.0%

*Note:* Any differences due to rounding.

*Data Sources:* CalSTRS and ZIP code downloads.

## CalSTRS BENEFIT PAYMENTS BY STATE OR OTHER LOCATION

<i>State/Location</i>	<i>Number of Recipients</i>	<i>Total Benefit Amount</i>	<i>Average per Recipient</i>
Alabama	225	\$5,277,949.57	23,457.55
Alaska	124	\$2,385,737.72	19,239.82
American Samoa	1	\$9,377.44	9,377.44
Arizona	4,284	\$110,033,902.58	25,684.85
Arkansas	431	\$10,471,530.05	24,295.89
Armed Forces –Europe	21	\$318,675.55	15,175.03
Armed Forces - Pacific	19	\$248,368.97	13,072.05
California	184,156	\$6,029,513,823.64	32,741.34
Colorado	1,321	\$32,478,725.49	24,586.47
Connecticut	79	\$1,556,594.16	19,703.72
Delaware	27	\$649,523.23	24,056.42
District of Columbia	30	\$746,923.59	24,897.45
Florida	1,357	\$31,635,953.52	23,313.16
Georgia	496	\$12,224,185.18	24,645.53
Guam	3	\$56,611.91	18,870.64
Hawaii	745	\$19,860,424.68	26,658.29
Idaho	1,038	\$26,432,864.05	25,465.19
Illinois	406	\$8,229,313.22	20,269.24
Indiana	225	\$5,298,905.24	23,550.69
Iowa	200	\$4,600,763.64	23,003.82
Kansas	271	\$5,662,260.43	20,893.95
Kentucky	153	\$3,973,669.79	25,971.70
Louisiana	194	\$4,930,514.34	25,415.02
Maine	86	\$2,069,236.75	24,060.89
Maryland	212	\$4,804,997.35	22,665.08
Massachusetts	174	\$3,777,061.22	21,707.25
Michigan	300	\$7,036,400.71	23,454.67
Minnesota	300	\$7,088,702.47	23,629.01
Mississippi	144	\$3,704,327.37	25,724.50
Missouri	511	\$11,908,941.72	23,305.17
Montana	515	\$13,516,035.70	26,244.73
Nebraska	127	\$2,634,523.61	20,744.28
Nevada	2,835	\$82,253,757.43	29,013.67
New Hampshire	83	\$2,036,524.50	24,536.44
New Jersey	103	\$2,593,446.26	25,179.09
New Mexico	783	\$19,626,648.49	25,065.96
New York	276	\$5,996,563.94	21,726.68
North Carolina	551	\$13,228,637.06	24,008.42
North Dakota	71	\$1,754,338.48	24,708.99
Ohio	300	\$7,186,909.35	23,956.36
Oklahoma	559	\$12,846,941.34	22,982.01
Oregon	4,340	\$106,038,329.58	24,432.79
Pennsylvania	260	\$5,739,856.36	22,076.37
Puerto Rico	19	\$210,216.25	11,064.01
Rhode Island	22	\$633,371.42	28,789.61
South Carolina	223	\$5,913,506.62	26,517.97
South Dakota	187	\$4,925,087.59	26,337.37
Tennessee	412	\$10,760,008.85	26,116.53
Texas	1,989	\$50,099,633.86	25,188.35
Utah	1,298	\$34,764,218.39	26,782.91
Vermont	50	\$1,309,993.44	26,199.87
Virgin Islands	1	\$30,559.78	30,559.78
Virginia	402	\$9,976,830.57	24,817.99
Washington	3,475	\$87,004,814.99	25,037.36
West Virginia	58	\$1,378,909.50	23,774.30
Wisconsin	213	\$4,569,640.66	21,453.71
Wyoming	170	\$3,879,499.32	22,820.58
Unidentified Location	768	\$14,390,244.97	18,737.30
<b>Total</b>	<b>217,621</b>	<b>\$6,862,285,313.89</b>	<b>31,533.19</b>

*Note:* Any difference due to rounding.  
*Data Sources:* CalSTRS and ZIP code files

# Economic Impacts for the State of California

The economic impacts of the \$6.029 billion in benefit payments in the state of California are shown in the tables below. The methodology and terminology are discussed in the following section.

## The California Economy in Perspective

Figure 2 shows an overview of the California economy in 2003, the most recent year for which detailed composition data are available. The total of all business and government revenues was about \$2.749 trillion. Of this amount, the value added, called the Gross State Product—the measurement of new value created in the economy—was \$1.556 trillion, which is the best measure of the overall productivity of the economy. There were about 20,057,000 jobs, earning total compensation of about \$875 billion.

**Figure 2. Overview of the California Economy**

<i>State</i>	<i>Total Output</i>	<i>Value Added</i>	<i>Employee Compensation</i>	<i>Employment</i>
California	\$2,749,082,404,000	\$1,556,387,098,000	\$875,496,202,000	20,056,812

*Note:* Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

## Statewide Economic Impacts of CalSTRS Benefit Payments

Figure 3 shows the impact of the CalSTRS benefit payments. The benefit payments of \$6.029 billion support a total output (business and government revenues) of about \$9.225 billion, showing an economic multiplier of about 1.53, due to the repetitive spending of the benefit payments throughout the interrelated economy.

The economic “footprint” of CalSTRS benefit payments – which our study has determined to be \$9.225 billion annually added into the overall California economy – is substantial. In fact, CalSTRS benefit payments result in 1/3 of 1% of the entire California economic output. Put differently, one out of every three hundred “things” in the California economy – such as jobs, products, transactions, benefits and consequences – is either a direct or indirect consequence of CalSTRS benefit payments.

**Figure 3. Summary of Economic Benefits Resulting from CalSTRS Benefit Payments**

<i>State</i>	<i>Benefit Payments</i>	<i>Total Output</i>	<i>Value Added</i>	<i>Employee Compensation</i>	<i>State &amp; Local Government Taxes</i>	<i>Employment</i>
California	\$6,029,513,678	\$9,225,934,563	\$4,490,204,649	\$2,112,924,047	\$606,960,115	60,867

*Note:* State and Local Government Taxes show only tax generation, not distribution to local governments. Any differences due to rounding.

The total impact on value added, the Gross State Product, is about \$4.49 billion, about 0.4% of the GSP. A total of 60,867 jobs were supported by this activity, with total compensation of around \$2.11 billion.

### Comparing CalSTRS’ Impacts to Other California Industries

CalSTRS benefit payments inject an *added* \$4.49 billion in the California economy annually, making CalSTRS a larger player in the California economy than – as Figure 4 illustrates – the oil and gas extraction or furniture industries in 2004 and 2005 (the latest date NAICS figures were available from the Bureau of Economic Analysis, a function of the U.S. Department of Commerce). Another useful way to think of the *total output* economic footprint of CalSTRS benefit payments is to recognize that CalSTRS’ annual benefit payments have a larger economic impact on California’s annual economy than does the *combined* economic activity of three campuses the size of U.C. Davis (\$2.7 billion) or U.C. Irvine (\$3 billion), including medical schools and hospitals.

**Figure 4. Comparing CalSTRS’ Economic Footprint**

<b>Total Statewide Value-Added (“New”) Output</b>	
CalSTRS GSP in 2006*	\$ 4,490,204,549
Apparel (in California)	4,525,000,000
Oil and gas extraction	4,406,000,000
Furniture	3,193,000,000
<hr/>	
Total CalSTRS-Generated Jobs (in California)	60,867 FTE **
Biotechnology-Generated Jobs (in California)	60,000 FTE
*Gross State Product	
** Full-Time Equivalent/New Full-Time Job Positions	

### Economic Impacts of CalSTRS Benefit Payments at the County Level

The appendices of this report contain a county-by-county analysis of the CalSTRS benefit payment annual footprint. While the CalSTRS benefit payment footprint is significant in every county, retired education personnel create a larger-scale CalSTRS economic footprint in counties with a large education presence, and they make up a higher ratio of the overall county economic base in rural counties where they may constitute a larger portion of the population.

For example, in Sacramento County, CalSTRS accounts for 2,019 jobs – a figure equal to 0.25% of all jobs in the entire county. In the same county, CalSTRS payment impacts amount to \$310.53 million, or about 0.35% of all economic activity. CalSTRS benefit payments provide \$65 million in employee compensation in Sacramento County,

generate \$20 million in state and local tax revenues, and inject \$138 million in value-added dollars annually into the county economy.

But in Sierra County, while the overall totals of economic impact may be smaller (\$1.35 million in benefit payments), the impact in the overall community is a larger percentage of the total county economic output – 1.57%. Overall employment impacts are also slightly greater – 0.30%.

### **Top 10 Counties Ranked by Total Output Resulting from CalSTRS Benefit Payments**

<i>County</i>	<i>Total Output Impact of CalSTRS Benefit Payments</i>	<i>Total Output of County Economy</i>	<i>Percent Attributable to CalSTRS Benefits</i>
Los Angeles	\$ 1,910,355,040	\$ 765,154,898,000	0.25%
Orange	894,243,844	209,218,577,000	0.31%
San Diego	740,045,871	228,879,639,000	0.32%
Santa Clara	375,726,434	225,775,912,000	0.17%
Riverside	349,958,315	81,785,167,000	0.43%
Alameda	328,665,973	136,640,219,000	0.24%
Sacramento	310,527,593	88,246,908,000	0.35%
San Bernardino	307,557,937	89,918,634,000	0.34%
Contra Costa	263,818,224	104,315,040,000	0.25%
Fresno	226,970,652	46,128,629,000	0.49%

*Note:* Any differences due to rounding.

### **Top 10 Counties Ranked by Percentage of Total Economy Output Attributable to Total Output Resulting from CalSTRS Benefit Payments**

<i>County</i>	<i>Total Output Impact of CalSTRS Benefit Payments</i>	<i>Total Output of County Economy</i>	<i>Percent Attributable to CalSTRS Benefits</i>
Sierra	\$ 1,352,603	\$ 85,969,000	1.57%
Calaveras	16,943,374	1,399,938,000	1.21%
Trinity	4,316,786	361,369,000	1.19%
Mariposa	5,764,238	496,890,000	1.16%
Tuolumne	22,941,418	2,076,610,000	1.10%
Siskiyou	17,649,299	1,877,910,000	0.94%
Nevada	39,963,533	4,962,101,000	0.81%
Lassen	8,732,695	1,122,391,000	0.78%
Inyo	6,149,498	791,610,000	0.78%
Amador	11,609,978	1,524,180,000	0.76%

*Note:* Any differences due to rounding.

### **Return on State and Local Employer Contributions Invested**

As shown above, 75% of the payments made to CalSTRS beneficiaries comes from investment earnings and another 10% comes from employee contributions. Only 10.2% of the total paid out comes from employer contributions, and another 4.7% comes from state contributions. So on average, each dollar invested by the state and school districts in retirement yields a return of about \$6.71 to California's economy.

### **Government Revenues Resulting from Retirement Payments**

In addition, this economic ripple effect generates payments to the government — fees and taxes—to support services. The total annual impact on these government revenues is also sizeable: \$606,960,115 per year is returned to state and local governments as a result of CalSTRS benefit payments in California. If you look at each dollar paid by public employers as invested in pension funds, then that dollar returns \$0.44 in government revenues on top of other economic impacts.

### **Impact of Each Taxpayer Dollar “Invested” in CalSTRS**

**Employer and taxpayer dollars are leveraged by employee contributions, investment earnings and the ripple effect to earn a “return” on the initial investment**

<i>School and State Investment in CalSTRS (Schools 10.2%, State 4.7%)</i>	<i>Total Impact (100%)</i>	<i>Return on Investment (per dollar)</i>
\$1,079,434,344	Total Economic Impact \$9,225,934,563	\$6.71
	State and Local Government Revenue \$606,960,115	\$0.44

# Methodology and Data

## Methodology

**Purpose of the Study.** The purpose of this study is to show the total economic benefits created throughout California and its counties and regions by the payments of benefits by CalSTRS. It is intended to show not only the direct amounts of CalSTRS benefits distributed, but also the resulting additional economic impacts that accrue throughout the economy.

**Data.** The data used in the study were provided by CalSTRS for the calendar year 2006. The data includes all payments made directly to households, but do not include medical benefits or other benefits paid directly to providers. The data is tabulated by U.S. Postal ZIP code and is assembled to the county level using commercially-available conversion programs. Note that in some cases county boundaries do not exactly coincide with ZIP codes, so geographical approximations are made in the conversion process. Small but insignificant errors may be introduced at the county level, but these have very insignificant effects on the outputs of the study.

**Using an Input-Output Model.** Measuring the economic impacts created by CalSTRS benefits requires the use of a model of the county or regional economy that can show the full effects to all sectors of the economy, not just the CalSTRS benefit recipients. When the CalSTRS recipients receive the benefit payments, that represents an infusion of income into the local economy which creates a chain of economic activities whose total is greater than the initial benefit payments.

When the recipients spend the benefit payments on household consumption (such as utilities, groceries, retail purchases, housing payments, education, health care, transportation, local taxes and many other categories) the business or government providers of those goods and services receive additional sales or revenues. This increases the provider's profits, contributes to employee compensation and supports additional workers who would not be supported without the CalSTRS benefit payments.

In turn, those owners and employees of the suppliers also spend their incomes on household consumption, which generates a second round of incomes to businesses and local government suppliers. That secondary round of expenditures will in turn create a third round of expenditures, and the linked sequence of expenditures will continue until successive rounds become infinitesimally small, at which time the sum of all the successive rounds of benefits will be much higher than the original CalSTRS benefit payments.

The ratio of the total effects divided by the direct or initial effect is called the economic multiplier, and ranges from about 1.3 to over 3.0 for various direct impact sectors in different economies. The multiplier effect identified for CalSTRS benefit payments is 1.53.

In order to measure the total of the successive expenditures flows, an econometric model called an input-output model is required. Input-output models were created during World War II to predict how much of critical materials would be required to produce a target level of industrial output. The model showed that to create a given level of industrial output, it took much more of the critical material because the industries which supply components and supplies to the desired industry and the households of workers also used some of the critical material.

**IMPLAN.** In this study, the computations were made using the IMPLAN model, an input-output model which can show the full range of the inter-relationships in the regional economy which are affected by direct economic impacts, such as CalSTRS benefits. The USDA and the U.S. Forest Service in the mid-1970s developed IMPLAN with University of Minnesota economists for community impact analysis of federally-funded projects. The name originally came from the description “IMPact Analysis for PLANning.”

The Natural Resources Inventory and Analysis (NRIAI) and Social Sciences Institutes (SSI) are supporting usage of IMPLAN throughout the Natural Resources Conservation Service. The model is currently specified as the methodology required for analysis on many federal and state public works and natural resources projects and is widely used in California for California Environmental Quality Act (CEQA) environmental impact assessments.

The IMPLAN model must be calibrated for each local economy in which impacts are to be measured. The calibration creates a model for the local economy which shows all of the productive sectors and measures the interconnections between them. The calibration is made using a database created by the U.S. Bureau of Labor Statistics called the ES-202 data, which is based on a survey of all businesses and updated every two years. The latest data is based on the ES-202 survey completed in 2004. Note that this database may not exactly match data or estimates from other sources, such as the Census Bureau, the Bureau of Economic Analysis, the Employment Development Department or the Department of Finance population estimates.

**Model Terminology and Outputs.** The model describes the economic structure and the economic impacts in several ways. One description is by the sequence of events which result in the multiplied total effect:

- The *Direct Impact*, the event which triggers the sequence, or in this case, the payment of CalSTRS benefits to households.
- The *Indirect Impact*, which identifies the second-order effects on the economy when the CalSTRS benefits are spent at businesses and government providers of goods and services.
- The *Induced Impact*, when the employees of the service providers spend their wages and profits, initiating a third-order effect.

- The *Total Impact* is the sum of the Direct, Indirect, and Induced impacts derived by the econometric model. This is the desired all-inclusive view of the economic benefits created by CalSTRS benefits on the economy.

A second description provided by the IMPLAN model is based on the specific measurement of the economic benefits. These range from the total revenues or sales of all businesses and government agencies, to the final impact on employment. The measures are described below:

- *Total Output* is the total business and government sales or revenues generated by firms, government entities and households involved in the economic activity, and is widely used because it is the measure most business and government entities use to measure their level of activity. It includes all types of income including profits, return of capital, return on investment, employee compensation and taxes.

The additional measures below are all part of the Total Output, and are therefore smaller than the Total Output.

- *Value Added* is a net estimate which identifies the actual creation of new value in the economy. It excludes the costs of purchased materials and services, but includes profits, capital costs, worker compensation and other aspects of the productive activity. The sum of all Value Added activities in the region equals the Gross Regional Product (GRP for the region or GNP for the nation). It is a better measure of the real economic contribution of an activity, but is a concept which individual business firms and government agencies cannot readily compute.
- *Employee Compensation* measures the part of Value Added which goes to the employees of the firm or government agency. It is not just salary, but includes all costs of benefits, bonuses, vacation, sick leave and all other compensation.
- *Employment* is the count of full-time equivalent employment generated by the project on an annual basis. It does not necessarily represent a count of employees active at a given time: a large number of temporary or part-time employees would be reduced to a full-time equivalent number which would be lower in terms of actual numbers of employed persons.
- *State and Local Tax Generation* is a model estimate of the corporate, personal, property and sales taxes generated, as well as in-lieu charges for services. The measure is one of generation, not allocation. It is very difficult to estimate how much of this is retained by or returned to cities or counties, as the California fiscal structure and allocation processes by the state are complex and change rapidly.

## Researchers

**Dr. Robert Fountain** is a *professor emeritus* at California State University Sacramento, having over 25 years of teaching and researching housing and regional economics topics. He has a doctoral degree from UCLA, with major field concentration in Housing, Real Estate and Urban Land Economics. Other fields of study include Finance, Urban and Regional Planning and Research Methodology.

He is the Director of the Applied Research Center at Sacramento State and has also served as Chief Economist for the Sacramento Regional Research Institute and Director of the Real Estate & Land Use Institute at Sacramento State.

Dr. Fountain's experience in economic analysis over a range of related topics such as economic forecasting, economic development, land use planning, housing market analysis, labor market and educational issues and many others allows him to go "outside the box" and identify relationships among issues that have an integrated effect on the regional economic environment.

**Dr. Robert Waste** studied and taught at Harvard and Yale and received his Ph.D. from the University of California at Davis. He is now a professor in the Department of Public Policy and Administration, California State University, Sacramento and Faculty Advisor to the California Executive Fellows Program, a joint program of the CSUS Center for California Studies and the Office of the Governor of California. Previously, he was Chair of the Department of Public Policy and Administration.

Since 2002, Dr. Waste has served as the Chair of the Sacramento City Planning Commission.

His books include:

- *Independent Cities: Rethinking U.S. Urban Policy* (New York: Oxford University Press, 1998).
- *The Ecology of City Policymaking* (New York: Oxford University Press, 1989).
- *Power and Pluralism in American Cities: Researching the Urban Laboratory* (Westport, CT: Greenwood Press, 1987).

## Tables and Summaries

The data provided in the report for each county or region has four components. The first table gives the economic structure of the local economy, unrelated to the measurement of CalSTRS benefits. That data is given to provide a perspective for the magnitudes of the CalSTRS impacts.

The second table shows the aggregate economic impacts of the CalSTRS benefits on the local economy. The table shows the direct CalSTRS benefit total for calendar year 2006 and the resulting impacts on the economy including the Total Output, Value Added, Employee Compensation, State and Local Tax Generation, and Employment generated or supported by CalSTRS benefits.

The third table is included to illustrate the generation of benefits via the Direct, Indirect, Induced and Total benefits for each measure of benefit. The data in the right-hand column of Table 3 is the same as that shown in Table 2.

Table 4 gives some insight into how CalSTRS benefits affect the various economic sectors of the local economy. Because CalSTRS benefits are introduced through the recipient households, the table proportions are related to household consumption patterns. The three sectors receiving the largest impacts include Public Administration (government services providers), Health Care and Social Assistance, and Retail Trade.

Tables similar to these will be provided for all counties in California, and for the state of California as a whole.

**TABLE 1. OVERVIEW OF THE SACRAMENTO COUNTY ECONOMY**

County	Total Output	Value Added	Employee Compensation	Employment
Sacramento	\$88,246,908,000	\$56,245,421,000	\$35,718,876,000	766,960

*Note:* Data based on 2004 U.S. Bureau of Labor Statistics ES-202 Report. Any differences due to rounding.

**TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS**

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sacramento	\$234,642,442	\$310,527,593	\$138,157,062	\$65,512,905	\$20,080,047	2,019

*Note:* State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

**TABLE 3**  
**SACRAMENTO COUNTY GENERATION OF ECONOMIC BENEFITS**  
**FROM CalSTRS BENEFIT PAYMENTS**

Sacramento County	Direct	Indirect	Induced	Total
Total Output	\$234,642,442	\$38,982,941	\$36,902,210	\$310,527,593
Value Added	\$92,279,882	\$22,821,214	\$23,055,966	\$138,157,062
Employee Compensation	\$42,037,239	\$12,416,455	\$11,059,211	\$65,512,905
Employment	1,349	329	341	2,019
State and Local Taxes				\$20,080,047

*Note:* Any differences due to rounding.

**TABLE 4**  
**SACRAMENTO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS**  
**CREATED BY CalSTRS BENEFIT PAYMENTS**

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$526,651	\$67,107	5
21	Mining	\$528,314	\$30,319	2
22	Utilities	\$1,984,701	\$332,137	3
23	Construction	\$1,317,142	\$465,873	11
31-33	Manufacturing	\$8,680,013	\$1,705,792	29
42	Wholesale Trade	\$13,168,906	\$4,669,148	80
44-45	Retail Trade	\$30,656,804	\$11,164,448	406
48-49	Transportation and Warehousing	\$4,661,881	\$1,603,535	45
51	Information	\$6,891,613	\$1,487,505	28
52	Finance and Insurance	\$23,378,056	\$6,704,332	117
53	Real Estate and Rental and Leasing	\$12,848,404	\$1,186,101	73
54	Professional, Scientific, and Technical Services	\$10,013,205	\$4,024,046	93
55	Management of Companies and Enterprises	\$2,496,316	\$1,126,628	15
56	Administrative and Support	\$5,208,609	\$2,252,339	95
61	Educational Services	\$2,327,019	\$1,185,456	56
62	Health Care and Social Assistance	\$31,662,122	\$15,703,759	370
71	Arts, Entertainment, and Recreation	\$2,622,645	\$972,334	53
72	Accommodation and Food Services	\$15,078,751	\$4,873,857	304
81	Other Services (except Public Administration)	\$12,067,221	\$5,331,481	225
92	Public Administration	\$34,643,111	\$626,708	10

*Note:* Model adjusts for intracounty trade.  
Any differences due to rounding.

# CalSTRS Impacts on the California Economy

TABLE 1  
OVERVIEW OF THE CALIFORNIA ECONOMY

State	Total Output	Value Added	Employee Compensation	Employment
California	\$2,749,082,404,000	\$1,556,387,098,000	\$875,496,202,000	20,056,812

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

State	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
California	\$6,029,513,678	\$9,225,934,563	\$4,490,204,649	\$2,112,924,047	\$606,960,115	60,867

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
CALIFORNIA GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

California- Statewide	Direct	Indirect	Induced	Total
Total Output	\$6,029,513,678	\$1,540,075,816	\$1,656,345,069	\$9,225,934,563
Value Added	\$2,662,586,920	\$847,064,168	\$980,553,561	\$4,490,204,649
Employee Compensation	\$1,203,012,686	\$444,326,730	\$465,584,631	\$2,112,924,047
Employment	36,622	10,767	13,478	60,867
State and Local Taxes				\$606,960,115

Note: Any differences due to rounding.

TABLE 4  
 CALIFORNIA SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED BY  
 CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$63,929,443	\$8,747,637	548
21	Mining	\$23,562,454	\$3,443,772	52
22	Utilities	\$131,536,730	\$17,271,966	161
23	Construction	\$44,358,711	\$15,128,064	362
31-33	Manufacturing	\$893,060,903	\$132,618,879	2,487
42	Wholesale Trade	\$441,252,688	\$150,904,002	2,568
44-45	Retail Trade	\$831,834,791	\$295,173,693	10,504
48-49	Transportation and Warehousing	\$192,717,957	\$73,249,591	1,679
51	Information	\$278,265,399	\$57,834,103	764
52	Finance and Insurance	\$701,455,544	\$216,857,861	3,249
53	Real Estate and Rental and Leasing	\$390,968,817	\$35,321,395	2,162
54	Professional, Scientific, and Technical Services	\$344,553,005	\$130,737,228	2,840
55	Management of Companies and Enterprises	\$88,338,652	\$40,899,234	465
56	Administrative and Support	\$165,891,019	\$70,997,082	2,807
61	Educational Services	\$99,367,213	\$54,663,631	1,942
62	Health Care and Social Assistance	\$944,571,206	\$444,692,183	11,015
71	Arts, Entertainment, and Recreation	\$118,133,180	\$43,996,746	1,920
72	Accommodation and Food Services	\$453,159,669	\$150,367,435	8,455
81	Other Services (except Public Administration)	\$347,909,629	\$125,115,952	6,270
92	Public Administration	\$1,027,971,021	\$44,903,593	617

Note: Model adjusts for intracounty trade.  
 Any differences due to rounding.

## CalSTRS Economic Benefits by Region

Economic benefits (impacts) of CalSTRS payments to beneficiaries were also calculated on a regional basis. The table below illustrates the benefits amounts by region and is followed by the definitions of the regions used in this analysis.

### CalSTRS BENEFIT PAYMENT AMOUNTS BY REGION

<i>Region</i>	<i>Number of Recipients</i>	<i>Total Benefits Paid</i>
Los Angeles	58,710	\$2,067,139,222.97
Bay Area	37,982	\$1,236,181,249.73
Great Valley	17,616	\$ 571,239,452.13
San Diego	17,173	\$ 548,434,315.83
Inland Empire	15,502	\$ 491,924,156.15
Sacramento	13,538	\$ 420,749,241.40
Central Coast	8,194	\$ 246,825,239.56

*Note:* Any differences due to rounding.

### Region Definitions

- 1.) Bay Area (Alameda, Contra Costa, Marin, Napa, San Benito, Santa Clara, Santa Cruz, San Francisco, San Mateo, and Sonoma counties)
- 2.) Central Coast (Monterey, San Luis Obispo, and Santa Barbara counties)
- 3.) Great Valley (Fresno, Tulare, Kern, Merced, San Joaquin, and Stanislaus counties)
- 4.) Inland Empire (Riverside and San Bernardino counties)
- 5.) Los Angeles (Los Angeles, Orange, and Ventura counties)
- 6.) Sacramento (El Dorado, Placer, Sacramento, and Yolo counties)
- 7.) San Diego (Imperial and San Diego counties)

## San Francisco Region Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE SAN FRANCISCO REGION ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
San Francisco	\$754,755,098,000	\$416,438,173,000	\$245,398,039,000	4,462,188

Note: San Francisco Region includes Alameda, Contra Costa, Marin, Napa, San Benito, Santa Clara, Santa Cruz, San Francisco, San Mateo, and Sonoma Counties. Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Francisco	\$1,236,181,264	\$1,761,501,823	\$856,666,637	\$406,606,522	\$113,553,089	10,442

Note: San Francisco Region includes Alameda, Contra Costa, Marin, Napa, San Benito, Santa Clara, Santa Cruz, San Francisco, San Mateo, and Sonoma Counties. Any differences due to rounding.

TABLE 3  
SAN FRANCISCO REGION GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Francisco Region	Direct	Indirect	Induced	Total
Total Output	\$1,236,181,264	\$263,216,089	\$262,104,470	\$1,761,501,823
Value Added	\$543,344,068	\$152,336,157	\$160,986,412	\$856,666,637
Employee Compensation	\$247,537,827	\$81,854,122	\$77,214,573	\$406,606,522
Employment	6,741	1,710	1,992	10,442
State and Local Taxes				\$113,553,089

Note: San Francisco Region includes Alameda, Contra Costa, Marin, Napa, San Benito, Santa Clara, Santa Cruz, San Francisco, San Mateo, and Sonoma Counties. Any differences due to rounding.

TABLE 4  
 SAN FRANCISCO REGION SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$4,994,509	\$1,205,831	67
21	Mining	\$1,424,632	\$183,275	3
22	Utilities	\$29,367,608	\$3,039,045	22
23	Construction	\$8,157,470	\$2,994,075	61
31-33	Manufacturing	\$128,032,648	\$19,604,209	268
42	Wholesale Trade	\$75,865,499	\$26,640,608	363
44-45	Retail Trade	\$157,354,515	\$55,479,303	1,853
48-49	Transportation and Warehousing	\$32,436,208	\$12,595,149	275
51	Information	\$53,148,248	\$11,576,522	145
52	Finance and Insurance	\$135,965,408	\$44,637,120	538
53	Real Estate and Rental and Leasing	\$71,149,113	\$6,958,533	387
54	Professional, Scientific, and Technical Services	\$63,394,964	\$25,355,933	490
55	Management of Companies and Enterprises	\$15,013,777	\$7,399,446	63
56	Administrative and Support	\$29,289,728	\$13,088,767	417
61	Educational Services	\$20,072,140	\$12,187,542	354
62	Health Care and Social Assistance	\$188,428,879	\$90,903,409	1,959
71	Arts, Entertainment, and Recreation	\$21,228,229	\$7,656,459	370
72	Accommodation and Food Services	\$89,554,162	\$30,614,491	1,567
81	Other Services (except Public Administration)	\$67,741,330	\$25,897,603	1,143
92	Public Administration	\$203,184,948	\$8,589,202	99

Note: San Francisco Region includes Alameda, Contra Costa, Marin, Napa, San Benito, Santa Clara, Santa Cruz, San Francisco, San Mateo, and Sonoma counties. Model adjusts for intra-county trade. Any differences due to rounding.

## Central Coast Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE CENTRAL COAST ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
Central Coast	\$53,137,897,000	\$32,704,302,000	\$17,527,864,000	487,519

Note: Central Coast includes Monterey, San Luis Obispo, and Santa Barbara counties. Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Central Coast	\$246,528,238	\$329,977,079	\$147,540,240	\$65,679,395	\$20,312,661	2,174

Note: Central Coast includes Monterey, San Luis Obispo, and Santa Barbara counties. Any differences due to rounding.

TABLE 3  
CENTRAL COAST GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Central Coast	Direct	Indirect	Induced	Total
Total Output	\$246,528,238	\$40,949,754	\$42,499,087	\$329,977,079
Value Added	\$97,416,935	\$23,698,660	\$26,424,645	\$147,540,240
Employee Compensation	\$41,897,884	\$11,881,728	\$11,899,783	\$65,679,395
Employment	1,420	359	395	2,174
State and Local Taxes				\$20,312,661

Note: Central Coast includes Monterey, San Luis Obispo, and Santa Barbara counties. Any differences due to rounding.

TABLE 4  
CENTRAL COAST SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,463,826	\$329,783	15
21	Mining	\$1,409,841	\$117,653	5
22	Utilities	\$2,719,322	\$496,667	6
23	Construction	\$1,541,615	\$483,244	13
31-33	Manufacturing	\$12,159,922	\$1,572,579	34
42	Wholesale Trade	\$13,122,031	\$3,955,683	83
44-45	Retail Trade	\$31,648,457	\$11,132,159	403
48-49	Transportation and Warehousing	\$5,083,356	\$1,924,035	55
51	Information	\$6,253,185	\$1,429,172	26
52	Finance and Insurance	\$21,171,828	\$6,570,122	107
53	Real Estate and Rental and Leasing	\$13,686,923	\$1,152,066	84
54	Professional, Scientific, and Technical Services	\$9,247,601	\$3,451,244	88
55	Management of Companies and Enterprises	\$2,653,277	\$1,193,476	15
56	Administrative and Support	\$5,460,873	\$2,184,501	102
61	Educational Services	\$3,277,566	\$1,738,993	64
62	Health Care and Social Assistance	\$33,317,119	\$15,398,465	401
71	Arts, Entertainment, and Recreation	\$4,184,042	\$1,265,659	85
72	Accommodation and Food Services	\$17,473,757	\$5,634,970	330
81	Other Services (except Public Administration)	\$12,080,804	\$4,263,035	231
92	Public Administration	\$39,042,442	\$1,385,889	28

Note: Central Coast includes Monterey, San Luis Obispo, and Santa Barbara counties. Model adjusts for intra-county trade. Any differences due to rounding.

## Great Valley Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE GREAT VALLEY ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
Great Valley	\$176,727,890,000	\$94,849,294,000	\$51,312,552,000	1,533,639

Note: Great Valley includes Fresno, Tulare, Kern, Merced, San Joaquin, and Stanislaus counties. Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Great Valley	\$571,239,430	\$792,361,076	\$341,663,906	\$151,004,297	\$48,454,823	5,543

Note: Great Valley includes Fresno, Tulare, Kern, Merced, San Joaquin, and Stanislaus counties. State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

TABLE 3  
GREAT VALLEY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Great Valley	Direct	Indirect	Induced	Total
Total Output	\$571,239,430	\$112,276,390	\$108,845,256	\$792,361,076
Value Added	\$219,715,616	\$58,358,226	\$63,590,064	\$341,663,906
Employee Compensation	\$94,366,816	\$28,186,292	\$28,451,189	\$151,004,297
Employment	3,563	935	1,046	5,543
State and Local Taxes				\$48,454,823

Note: Great Valley includes Fresno, Tulare, Kern, Merced, San Joaquin, and Stanislaus counties. Any differences due to rounding.

TABLE 4  
 GREAT VALLEY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$11,654,435	\$1,311,450	88
21	Mining	\$7,427,594	\$1,418,141	16
22	Utilities	\$10,402,712	\$1,671,075	20
23	Construction	\$3,803,092	\$1,241,143	34
31-33	Manufacturing	\$48,857,853	\$6,002,125	132
42	Wholesale Trade	\$25,676,316	\$8,742,348	184
44-45	Retail Trade	\$71,977,032	\$25,311,507	1,038
48-49	Transportation and Warehousing	\$13,698,123	\$4,917,797	142
51	Information	\$19,823,577	\$3,559,394	75
52	Finance and Insurance	\$46,194,156	\$11,928,422	268
53	Real Estate and Rental and Leasing	\$32,594,623	\$2,905,562	206
54	Professional, Scientific, and Technical Services	\$19,057,813	\$6,573,015	196
55	Management of Companies and Enterprises	\$5,508,239	\$2,309,962	39
56	Administrative and Support	\$12,744,545	\$5,212,609	258
61	Educational Services	\$5,245,298	\$2,330,427	126
62	Health Care and Social Assistance	\$85,365,954	\$39,289,878	1,116
71	Arts, Entertainment, and Recreation	\$5,807,278	\$1,954,879	120
72	Accommodation and Food Services	\$38,060,235	\$11,714,546	822
81	Other Services (except Public Administration)	\$26,825,925	\$8,882,221	599
92	Public Administration	\$93,109,425	\$3,727,796	65

Note: Great Valley includes Fresno, Tulare, Kern, Merced, San Joaquin, and Stanislaus counties. Model adjusts for intra-county trade. Any differences due to rounding.

## Inland Empire Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE INLAND EMPIRE ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
Inland Empire	\$171,703,799,000	\$97,997,906,000	\$55,175,319,000	1,530,496

Note: Inland Empire includes Riverside and San Bernardino counties. Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Inland Empire	\$491,924,163	\$672,589,843	\$294,157,065	\$134,134,694	\$43,020,837	4,546

Note: Inland Empire includes Riverside and San Bernardino counties. State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

TABLE 3  
INLAND EMPIRE GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Inland Empire	Direct	Indirect	Induced	Total
Total Output	\$491,924,163	\$88,710,642	\$91,955,038	\$672,589,843
Value Added	\$191,945,916	\$47,628,475	\$54,582,674	\$294,157,065
Employee Compensation	\$84,935,264	\$24,044,567	\$25,154,863	\$134,134,694
Employment	2,942	750	855	4,546
State and Local Taxes				\$43,020,837

Note: Inland Empire includes Riverside and San Bernardino counties. Any differences due to rounding.

**TABLE 4**  
**INLAND EMPIRE SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED**  
**BY CalSTRS BENEFIT PAYMENTS**

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$3,398,676	\$551,658	30
21	Mining	\$294,610	\$18,416	1
22	Utilities	\$8,381,204	\$1,268,631	16
23	Construction	\$3,260,191	\$1,116,671	29
31-33	Manufacturing	\$43,747,640	\$5,616,148	121
42	Wholesale Trade	\$27,850,656	\$9,563,485	195
44-45	Retail Trade	\$64,472,954	\$23,643,233	867
48-49	Transportation and Warehousing	\$12,360,040	\$4,832,391	114
51	Information	\$17,197,093	\$2,953,207	60
52	Finance and Insurance	\$35,263,633	\$9,566,346	196
53	Real Estate and Rental and Leasing	\$28,553,302	\$2,531,005	174
54	Professional, Scientific, and Technical Services	\$13,362,174	\$4,597,280	141
55	Management of Companies and Enterprises	\$4,571,937	\$1,869,092	34
56	Administrative and Support	\$11,636,334	\$4,911,989	226
61	Educational Services	\$5,214,113	\$2,640,768	115
62	Health Care and Social Assistance	\$66,629,420	\$31,900,385	862
71	Arts, Entertainment, and Recreation	\$7,674,760	\$2,539,267	145
72	Accommodation and Food Services	\$34,924,473	\$11,568,894	676
81	Other Services (except Public Administration)	\$26,101,905	\$9,406,241	499
92	Public Administration	\$79,675,267	\$3,039,587	48

Note: Inland Empire includes Riverside and San Bernardino counties. Model adjusts for intra-county trade. Any differences due to rounding.

## Los Angeles Region Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE LOS ANGELES REGION ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
Los Angeles	\$1,110,767,152,000	\$626,259,411,000	\$341,137,021,000	7,974,754

Note: Los Angeles Region includes Los Angeles, Orange, and Ventura counties. Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Los Angeles	\$2,067,139,199	\$3,121,326,069	\$1,516,433,164	\$710,319,092	\$201,312,602	20,452

Note: Los Angeles Region includes Los Angeles, Orange, and Ventura counties. State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

TABLE 3  
LOS ANGELES REGION GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Los Angeles Region	Direct	Indirect	Induced	Total
Total Output	\$2,067,139,199	\$508,164,815	\$546,022,055	\$3,121,326,069
Value Added	\$909,009,781	\$282,983,069	\$324,440,314	\$1,516,433,164
Employee Compensation	\$410,184,790	\$146,706,200	\$153,428,102	\$710,319,092
Employment	12,451	3,561	4,440	20,452
State and Local Taxes				\$201,312,602

Note: Los Angeles Region includes Los Angeles, Orange, and Ventura counties. Any differences due to rounding.

TABLE 4  
 LOS ANGELES REGION SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$4,237,099	\$1,266,406	60
21	Mining	\$12,204,812	\$1,739,819	24
22	Utilities	\$44,645,694	\$5,138,983	52
23	Construction	\$12,653,695	\$4,150,316	101
31-33	Manufacturing	\$301,559,561	\$45,655,392	925
42	Wholesale Trade	\$149,684,966	\$50,620,495	885
44-45	Retail Trade	\$274,680,504	\$97,774,446	3,396
48-49	Transportation and Warehousing	\$63,805,118	\$24,353,606	557
51	Information	\$91,212,618	\$17,488,301	240
52	Finance and Insurance	\$237,726,058	\$73,320,257	1,110
53	Real Estate and Rental and Leasing	\$133,041,366	\$12,172,539	701
54	Professional, Scientific, and Technical Services	\$115,440,533	\$42,306,525	942
55	Management of Companies and Enterprises	\$29,607,282	\$13,472,496	163
56	Administrative and Support	\$57,778,755	\$24,386,380	1,005
61	Educational Services	\$39,401,113	\$21,278,031	762
62	Health Care and Social Assistance	\$319,110,053	\$149,077,120	3,751
71	Arts, Entertainment, and Recreation	\$40,967,481	\$15,483,000	627
72	Accommodation and Food Services	\$154,141,472	\$51,741,529	2,832
81	Other Services (except Public Administration)	\$118,757,963	\$43,294,959	2,127
92	Public Administration	\$349,999,881	\$15,598,492	192

Note: Los Angeles Region includes Los Angeles, Orange, and Ventura counties. Model adjusts for intra-county trade. Any differences due to rounding.

## Sacramento Region Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE SACRAMENTO REGION ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
Sacramento	\$134,351,084,000	\$81,628,612,000	\$49,552,725,000	1,140,208

Note: Sacramento Region includes El Dorado, Placer, Sacramento, and Yolo counties. Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sacramento	\$420,749,251	\$571,103,470	\$256,543,563	\$119,759,952	\$36,940,699	3,812

Note: Sacramento Region includes El Dorado, Placer, Sacramento, and Yolo counties. State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

TABLE 3  
SACRAMENTO REGION GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sacramento Region	Direct	Indirect	Induced	Total
Total Output	\$420,749,251	\$74,335,170	\$76,019,049	\$571,103,470
Value Added	\$166,502,494	\$43,039,815	\$47,001,254	\$256,543,563
Employee Compensation	\$74,492,975	\$23,079,879	\$22,187,098	\$119,759,952
Employment	2,473	633	707	3,812
State and Local Taxes				\$36,940,699

Note: Sacramento Region includes El Dorado, Placer, Sacramento, and Yolo counties. Any differences due to rounding.

TABLE 4  
 SACRAMENTO REGION SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,738,905	\$219,546	14
21	Mining	\$963,503	\$43,519	4
22	Utilities	\$4,296,347	\$770,985	8
23	Construction	\$2,723,177	\$945,286	23
31-33	Manufacturing	\$18,381,883	\$3,429,330	57
42	Wholesale Trade	\$21,246,879	\$7,435,629	133
44-45	Retail Trade	\$54,874,212	\$19,713,703	733
48-49	Transportation and Warehousing	\$9,313,431	\$3,644,273	91
51	Information	\$12,950,424	\$2,746,355	54
52	Finance and Insurance	\$43,257,062	\$12,068,363	221
53	Real Estate and Rental and Leasing	\$24,135,549	\$2,144,758	141
54	Professional, Scientific, and Technical Services	\$19,069,568	\$7,464,258	179
55	Management of Companies and Enterprises	\$4,611,646	\$2,067,032	27
56	Administrative and Support	\$9,675,707	\$4,044,468	180
61	Educational Services	\$4,142,797	\$2,083,353	104
62	Health Care and Social Assistance	\$57,617,604	\$27,704,782	683
71	Arts, Entertainment, and Recreation	\$6,672,020	\$2,362,158	131
72	Accommodation and Food Services	\$28,486,046	\$9,161,369	576
81	Other Services (except Public Administration)	\$22,464,754	\$9,262,737	421
92	Public Administration	\$67,663,418	\$2,448,048	35

Note: Sacramento Region includes El Dorado, Placer, Sacramento, and Yolo counties. Model adjusts for intra-county trade. Any differences due to rounding.

## San Diego Region Benefits Resulting from CalSTRS Payments

TABLE 1  
OVERVIEW OF THE SAN DIEGO REGION ECONOMY

Region	Total Output	Value Added	Employee Compensation	Employment
San Diego	\$235,551,016,000	\$142,687,294,000	\$82,134,221,000	1,897,115

Note: San Diego Region includes Imperial and San Diego counties. Data based on 2004 U.S. Bureau of Labor Statistics Data (ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Region	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Diego Region	\$548,434,322	\$767,601,726	\$353,203,977	\$162,593,389	\$48,883,613	5,051

Note: San Diego Region includes Imperial and San Diego counties. State and Local Government Taxes show only tax generation, not distribution to local government. Any differences due to rounding.

TABLE 3  
SAN DIEGO REGION GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sacramento Region	Direct	Indirect	Induced	Total
Total Output	\$548,434,322	\$107,893,759	\$111,273,645	\$767,601,726
Value Added	\$223,783,184	\$61,671,275	\$67,749,518	\$353,203,977
Employee Compensation	\$98,307,914	\$32,822,106	\$31,463,369	\$162,593,389
Employment	3,214	857	980	5,051
State and Local Taxes				\$48,883,613

Note: San Diego Region includes Imperial and San Diego counties. Any differences due to rounding.

TABLE 4  
 SAN DIEGO REGION SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$2,998,644	\$498,647	29
21	Mining	\$304,156	\$5,240	1
22	Utilities	\$9,076,638	\$1,299,525	15
23	Construction	\$3,707,963	\$1,318,527	30
31-33	Manufacturing	\$41,256,422	\$6,473,623	131
42	Wholesale Trade	\$32,286,062	\$11,048,461	189
44-45	Retail Trade	\$71,882,323	\$25,652,274	958
48-49	Transportation and Warehousing	\$11,021,743	\$4,596,645	120
51	Information	\$19,359,797	\$4,319,394	61
52	Finance and Insurance	\$61,272,708	\$17,368,083	319
53	Real Estate and Rental and Leasing	\$33,180,082	\$2,688,650	190
54	Professional, Scientific, and Technical Services	\$25,474,862	\$10,376,980	218
55	Management of Companies and Enterprises	\$6,716,395	\$2,995,778	40
56	Administrative and Support	\$13,274,621	\$5,957,022	221
61	Educational Services	\$7,338,420	\$3,777,039	151
62	Health Care and Social Assistance	\$70,793,302	\$33,266,246	847
71	Arts, Entertainment, and Recreation	\$9,878,080	\$3,500,364	181
72	Accommodation and Food Services	\$39,324,984	\$13,011,492	739
81	Other Services (except Public Administration)	\$30,143,901	\$10,568,235	547
92	Public Administration	\$89,556,056	\$3,871,164	65

Note: San Diego Region includes Imperial and San Diego counties. Model adjusts for intra-county trade. Any differences due to rounding.

## County Benefits Resulting from CalSTRS Payments

### Top 10 Counties Ranked by Total Output Resulting from CalSTRS Benefit Payments

<i>County</i>	<i>Total Output Impact of CalSTRS Benefit Payments</i>	<i>Total Output of County Economy</i>	<i>Percent Attributable to CalSTRS Benefits</i>
Los Angeles	\$ 1,910,355,040	\$ 765,154,898,000	0.25%
Orange	894,243,844	209,218,577,000	0.31%
San Diego	740,045,871	228,879,639,000	0.32%
Santa Clara	375,726,434	225,775,912,000	0.17%
Riverside	349,958,315	81,785,167,000	0.43%
Alameda	328,665,973	136,640,219,000	0.24%
Sacramento	310,527,593	88,246,908,000	0.35%
San Bernardino	307,557,937	89,918,634,000	0.34%
Contra Costa	263,818,224	104,315,040,000	0.25%
Fresno	226,970,652	46,128,629,000	0.49%

*Note:* Any differences due to rounding.

### Top 10 Counties Ranked by Percentage of Total Economy Output Attributable to Total Output Resulting from CalSTRS Benefit Payments

<i>County</i>	<i>Total Output Impact of CalSTRS Benefit Payments</i>	<i>Total Output of County Economy</i>	<i>Percent Attributable to CalSTRS Benefits</i>
Sierra	\$ 1,352,603	\$ 85,969,000	1.57%
Calaveras	16,943,374	1,399,938,000	1.21%
Trinity	4,316,786	361,369,000	1.19%
Mariposa	5,764,238	496,890,000	1.16%
Tuolumne	22,941,418	2,076,610,000	1.10%
Siskyou	17,649,299	1,877,910,000	0.94%
Nevada	39,963,533	4,962,101,000	0.81%
Lassen	8,732,695	1,122,391,000	0.78%
Inyo	6,149,498	791,610,000	0.78%
Amador	11,609,978	1,524,180,000	0.76%

*Note:* Any differences due to rounding.

# Alameda

TABLE 1  
OVERVIEW OF THE ALAMEDA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Alameda	\$136,640,219,000	\$75,471,260,000	\$46,001,776,000	875,326

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Alameda	\$235,102,961	\$328,665,973	\$155,804,467	\$75,651,441	\$21,148,333	2,002

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
ALAMEDA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Alameda County	Direct	Indirect	Induced	Total
Total Output	\$235,102,961	\$45,588,364	\$47,974,648	\$328,665,973
Value Added	\$99,669,667	\$26,648,821	\$29,485,979	\$155,804,467
Employee Compensation	\$46,310,204	\$14,870,524	\$14,470,713	\$75,651,441
Employment	1,296	321	385	2,002
State and Local Taxes				\$21,148,333

Note: Any differences due to rounding.

TABLE 4  
ALAMEDA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$83,375	\$22,859	1
21	Mining	\$524,872	\$6,273	2
22	Utilities	\$1,846,570	\$401,720	1
23	Construction	\$1,529,596	\$618,441	11
31-33	Manufacturing	\$23,720,976	\$3,919,440	56
42	Wholesale Trade	\$15,748,533	\$5,630,025	85
44-45	Retail Trade	\$30,633,930	\$11,037,725	369
48-49	Transportation and Warehousing	\$6,596,753	\$2,722,565	52
51	Information	\$8,515,722	\$1,980,608	24
52	Finance and Insurance	\$23,195,145	\$6,914,797	105
53	Real Estate and Rental and Leasing	\$13,062,486	\$1,322,167	75
54	Professional, Scientific, and Technical Services	\$10,088,838	\$4,380,028	78
55	Management of Companies and Enterprises	\$2,936,274	\$1,421,214	13
56	Administrative and Support	\$5,376,800	\$2,492,631	86
61	Educational Services	\$2,404,735	\$1,294,859	54
62	Health Care and Social Assistance	\$36,055,948	\$17,667,276	397
71	Arts, Entertainment, and Recreation	\$3,202,780	\$1,205,351	60
72	Accommodation and Food Services	\$15,528,263	\$5,166,246	290
81	Other Services (except Public Administration)	\$12,508,565	\$5,099,365	220
92	Public Administration	\$39,687,716	\$2,347,851	23

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Alpine

TABLE 1  
OVERVIEW OF THE ALPINE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Alpine	\$67,260,000	\$44,662,000	\$26,818,000	888

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Apline	\$269,740	\$276,516	\$51,312	\$14,306	\$7,946	0

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
ALPINE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Alpine County	Direct	Indirect	Induced	Total
Total Output	\$269,740	\$3,790	\$2,986	\$276,516
Value Added	\$47,367	\$1,984	\$1,961	\$51,312
Employee Compensation	\$12,562	\$1,186	\$558	\$14,306
Employment	0	0	0	0
State and Local Taxes				\$7,946

Note: Any differences due to rounding.

TABLE 4  
 ALPINE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$0	\$0	0
21	Mining	\$0	\$0	0
22	Utilities	\$299	\$124	0
23	Construction	\$559	\$107	0
31-33	Manufacturing	\$0	\$0	0
42	Wholesale Trade	\$1,776	\$0	0
44-45	Retail Trade	\$3,080	\$1,119	0
48-49	Transportation and Warehousing	\$796	\$105	0
51	Information	\$0	\$0	0
52	Finance and Insurance	\$0	\$0	0
53	Real Estate and Rental and Leasing	\$1,432	\$247	0
54	Professional, Scientific, and Technical Services	\$1,836	\$373	0
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$109	\$26	0
61	Educational Services	\$1,121	\$347	0
62	Health Care and Social Assistance	\$2,999	\$942	0
71	Arts, Entertainment, and Recreation	\$2,392	\$811	0
72	Accommodation and Food Services	\$16,860	\$5,908	0
81	Other Services (except Public Administration)	\$5,725	\$2,755	0
92	Public Administration	\$38,977	\$1,442	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Amador

TABLE 1  
OVERVIEW OF THE AMADOR COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Amador	\$1,524,180,000	\$968,244,000	\$541,546,000	15,860

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Amador	\$9,964,134	\$11,609,978	\$4,081,861	\$1,526,636	\$624,853	62

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
AMADOR COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Amador County	Direct	Indirect	Induced	Total
Total Output	\$9,964,134	\$831,174	\$814,670	\$11,609,978
Value Added	\$3,095,983	\$476,515	\$509,363	\$4,081,861
Employee Compensation	\$1,138,706	\$195,316	\$192,614	\$1,526,636
Employment	48	7	7	62
State and Local Taxes				\$624,853

Note: Any differences due to rounding.

TABLE 4  
 AMADOR COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$36,978	\$6,272	0
21	Mining	\$1,230	\$115	0
22	Utilities	\$172,261	\$36,759	0
23	Construction	\$47,719	\$8,715	0
31-33	Manufacturing	\$21,573	\$6,451	0
42	Wholesale Trade	\$123,589	\$34,478	1
44-45	Retail Trade	\$1,091,204	\$389,204	15
48-49	Transportation and Warehousing	\$97,911	\$24,304	1
51	Information	\$213,548	\$39,698	1
52	Finance and Insurance	\$614,091	\$146,327	4
53	Real Estate and Rental and Leasing	\$394,322	\$18,016	3
54	Professional, Scientific, and Technical Services	\$143,620	\$33,778	2
55	Management of Companies and Enterprises	\$31,366	\$14,478	0
56	Administrative and Support	\$81,470	\$18,042	1
61	Educational Services	\$6,285	\$798	0
62	Health Care and Social Assistance	\$986,578	\$428,500	12
71	Arts, Entertainment, and Recreation	\$95,925	\$24,826	2
72	Accommodation and Food Services	\$503,894	\$140,181	11
81	Other Services (except Public Administration)	\$303,470	\$94,851	7
92	Public Administration	\$1,544,071	\$60,843	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Butte

TABLE 1  
OVERVIEW OF THE BUTTE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Butte	\$9,760,645,000	\$5,663,662,000	\$2,813,958,000	97,977

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

Butte County	Direct	Indirect	Induced	Total
Total Output	\$56,836,356	\$7,979,291	\$9,167,099	\$73,982,746
Value Added	\$21,472,534	\$4,512,287	\$5,593,582	\$31,578,403
Employee Compensation	\$9,045,969	\$2,173,778	\$2,460,323	\$13,680,070
Employment	369	80	98	547
State and Local Taxes				\$4,493,428

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
BUTTE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Butte County	Direct	Indirect	Induced	Total
Total Output	\$56,836,356	\$7,979,291	\$9,167,099	\$73,982,746
Value Added	\$21,472,534	\$4,512,287	\$5,593,582	\$31,578,403
Employee Compensation	\$9,045,969	\$2,173,778	\$2,460,323	\$13,680,070
Employment	369	80	98	547
State and Local Taxes				\$4,493,428

Note: Any differences due to rounding.

**TABLE 4**  
**BUTTE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED**  
**BY CalSTRS BENEFIT PAYMENTS**

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$188,073	\$23,565	1
21	Mining	\$3,370	\$54	0
22	Utilities	\$798,151	\$176,953	2
23	Construction	\$360,502	\$83,853	3
31-33	Manufacturing	\$1,348,232	\$191,890	4
42	Wholesale Trade	\$1,961,029	\$693,457	16
44-45	Retail Trade	\$7,494,730	\$2,669,365	107
48-49	Transportation and Warehousing	\$1,072,318	\$409,115	11
51	Information	\$1,622,728	\$328,295	7
52	Finance and Insurance	\$5,157,578	\$1,274,304	32
53	Real Estate and Rental and Leasing	\$3,117,459	\$288,947	21
54	Professional, Scientific, and Technical Services	\$1,550,161	\$468,265	20
55	Management of Companies and Enterprises	\$271,091	\$99,709	2
56	Administrative and Support	\$1,042,400	\$395,245	23
61	Educational Services	\$281,670	\$118,007	9
62	Health Care and Social Assistance	\$9,042,446	\$3,878,891	126
71	Arts, Entertainment, and Recreation	\$593,407	\$172,524	15
72	Accommodation and Food Services	\$3,738,686	\$1,100,083	85
81	Other Services (except Public Administration)	\$2,837,022	\$954,457	59
92	Public Administration	\$9,135,238	\$353,091	5

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Calaveras

TABLE 1  
OVERVIEW OF THE CALAVERAS COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Calaveras	\$1,399,938,000	\$819,997,000	\$337,301,000	14,013

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Calaveras	\$15,127,246	\$16,943,374	\$5,065,509	\$1,502,268	\$764,546	81

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
CALAVERAS COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Calaveras County	Direct	Indirect	Induced	Total
Total Output	\$15,127,246	\$1,045,593	\$770,535	\$16,943,374
Value Added	\$3,994,063	\$589,496	\$481,950	\$5,065,509
Employee Compensation	\$1,141,742	\$215,755	\$144,771	\$1,502,268
Employment	63	11	7	81
State and Local Taxes				\$764,546

Note: Any differences due to rounding.

TABLE 4  
 CALAVERAS COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$45,467	\$2,996	0
21	Mining	\$2,201	\$0	0
22	Utilities	\$213,006	\$40,601	0
23	Construction	\$73,903	\$15,418	1
31-33	Manufacturing	\$81,570	\$22,477	0
42	Wholesale Trade	\$209,450	\$53,106	2
44-45	Retail Trade	\$1,093,960	\$341,219	16
48-49	Transportation and Warehousing	\$211,485	\$53,640	2
51	Information	\$236,761	\$41,863	1
52	Finance and Insurance	\$433,967	\$71,102	4
53	Real Estate and Rental and Leasing	\$574,028	\$18,054	4
54	Professional, Scientific, and Technical Services	\$256,466	\$67,479	3
55	Management of Companies and Enterprises	\$59,251	\$20,165	1
56	Administrative and Support	\$121,609	\$22,432	2
61	Educational Services	\$7,066	\$2,160	0
62	Health Care and Social Assistance	\$812,602	\$290,186	13
71	Arts, Entertainment, and Recreation	\$174,850	\$54,551	4
72	Accommodation and Food Services	\$662,039	\$181,648	15
81	Other Services (except Public Administration)	\$603,908	\$138,616	13
92	Public Administration	\$2,193,567	\$64,555	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Colusa

TABLE 1  
OVERVIEW OF THE COLUSA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Colusa	\$1,736,587,000	\$841,203,000	\$280,342,000	10,744

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Colusa	\$3,513,819	\$3,753,188	\$1,042,090	\$351,095	\$158,875	16

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
COLUSA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Colusa County	Direct	Indirect	Induced	Total
Total Output	\$3,513,819	\$109,276	\$130,093	\$3,753,188
Value Added	\$897,161	\$61,612	\$83,317	\$1,042,090
Employee Compensation	\$291,017	\$31,371	\$28,707	\$351,095
Employment	14	1	1	16
State and Local Taxes				\$158,875

Note: Any differences due to rounding.

TABLE 4  
 COLUSA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$33,025	\$3,959	0
21	Mining	\$1,598	\$15	0
22	Utilities	\$4,968	\$1,207	0
23	Construction	\$7,077	\$1,175	0
31-33	Manufacturing	\$26,376	\$4,004	0
42	Wholesale Trade	\$67,790	\$25,402	1
44-45	Retail Trade	\$252,961	\$78,107	4
48-49	Transportation and Warehousing	\$33,196	\$11,787	0
51	Information	\$27,261	\$5,200	0
52	Finance and Insurance	\$71,734	\$14,539	1
53	Real Estate and Rental and Leasing	\$29,993	\$3,144	0
54	Professional, Scientific, and Technical Services	\$29,035	\$7,144	0
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$11,385	\$3,095	0
61	Educational Services	\$6,312	\$2,078	0
62	Health Care and Social Assistance	\$217,273	\$64,571	3
71	Arts, Entertainment, and Recreation	\$18,199	\$4,080	0
72	Accommodation and Food Services	\$196,097	\$69,334	4
81	Other Services (except Public Administration)	\$83,737	\$39,237	2
92	Public Administration	\$499,187	\$13,017	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Contra Costa

TABLE 1  
OVERVIEW OF THE CONTRA COSTA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Contra Costa	\$104,315,040,000	\$45,487,200,000	\$22,426,698,000	499,917

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Contra Costa	\$199,396,050	\$263,818,224	\$116,519,884	\$52,327,387	\$15,998,277	1,507

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
CONTRA COSTA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Contra Costa County	Direct	Indirect	Induced	Total
Total Output	\$199,396,050	\$32,027,828	\$32,394,346	\$263,818,224
Value Added	\$77,920,716	\$18,347,678	\$20,251,490	\$116,519,884
Employee Compensation	\$33,741,211	\$9,400,064	\$9,186,112	\$52,327,387
Employment	1,010	231	266	1,507
State and Local Taxes				\$15,998,277

Note: Any differences due to rounding.

TABLE 4  
 CONTRA COSTA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$237,394	\$36,645	2
21	Mining	\$148,477	\$28,212	0
22	Utilities	\$2,915,407	\$344,976	3
23	Construction	\$1,212,011	\$423,740	9
31-33	Manufacturing	\$11,821,257	\$1,353,373	20
42	Wholesale Trade	\$7,520,620	\$2,594,659	36
44-45	Retail Trade	\$22,613,829	\$8,279,486	295
48-49	Transportation and Warehousing	\$3,865,547	\$1,169,901	41
51	Information	\$7,004,297	\$1,300,693	17
52	Finance and Insurance	\$21,661,799	\$6,441,412	98
53	Real Estate and Rental and Leasing	\$9,970,171	\$840,005	56
54	Professional, Scientific, and Technical Services	\$7,285,485	\$2,887,895	64
55	Management of Companies and Enterprises	\$1,962,899	\$877,123	12
56	Administrative and Support	\$3,978,216	\$1,585,704	64
61	Educational Services	\$2,159,679	\$1,121,979	52
62	Health Care and Social Assistance	\$27,881,887	\$13,401,002	291
71	Arts, Entertainment, and Recreation	\$2,553,137	\$793,667	50
72	Accommodation and Food Services	\$10,922,006	\$3,512,866	206
81	Other Services (except Public Administration)	\$9,715,240	\$4,428,453	182
92	Public Administration	\$31,202,892	\$905,596	10

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Del Norte

TABLE 1  
OVERVIEW OF THE DEL NORTE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Del Norte	\$811,119,000	\$510,992,000	\$321,315,000	9,974

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Del Norte	\$5,480,402	\$6,114,588	\$1,972,580	\$778,503	\$295,509	34

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
DEL NORTE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Del Norte County	Direct	Indirect	Induced	Total
Total Output	\$5,480,402	\$279,776	\$354,410	\$6,114,588
Value Added	\$1,610,570	\$142,362	\$219,648	\$1,972,580
Employee Compensation	\$623,115	\$66,460	\$88,928	\$778,503
Employment	28	2	4	34
State and Local Taxes				\$295,509

Note: Any differences due to rounding.

TABLE 4  
DEL NORTE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$87,193	\$17,193	1
21	Mining	\$6,438	\$1	0
22	Utilities	\$33,057	\$7,175	0
23	Construction	\$36,288	\$6,600	0
31-33	Manufacturing	\$132,428	\$13,614	0
42	Wholesale Trade	\$177,632	\$60,439	2
44-45	Retail Trade	\$1,412,811	\$513,503	21
48-49	Transportation and Warehousing	\$185,623	\$68,244	2
51	Information	\$237,958	\$46,493	1
52	Finance and Insurance	\$382,550	\$93,861	3
53	Real Estate and Rental and Leasing	\$258,093	\$24,097	2
54	Professional, Scientific, and Technical Services	\$169,401	\$39,716	3
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$46,879	\$9,262	1
61	Educational Services	\$26,373	\$10,342	1
62	Health Care and Social Assistance	\$1,892,069	\$789,511	27
71	Arts, Entertainment, and Recreation	\$51,009	\$16,471	1
72	Accommodation and Food Services	\$926,728	\$261,106	21
81	Other Services (except Public Administration)	\$408,357	\$90,091	11
92	Public Administration	\$2,321,043	\$94,146	3

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

## El Dorado

TABLE 1  
OVERVIEW OF THE EL DORADO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
El Dorado	\$8,366,941,000	\$5,095,180,000	\$2,381,821,000	82,176

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
El Dorado	\$46,680,987	\$56,224,989	\$20,895,858	\$7,814,394	\$3,053,134	344

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
EL DORADO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

El Dorado County	Direct	Indirect	Induced	Total
Total Output	\$46,680,987	\$4,779,564	\$4,764,438	\$56,224,989
Value Added	\$15,233,167	\$2,705,442	\$2,957,249	\$20,895,858
Employee Compensation	\$5,563,989	\$1,130,388	\$1,120,017	\$7,814,394
Employment	246	48	49	344
State and Local Taxes				\$3,053,134

Note: Any differences due to rounding.

TABLE 4  
 EL DORADO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$138,135	\$21,907	3
21	Mining	\$109,600	\$395	0
22	Utilities	\$306,167	\$60,157	1
23	Construction	\$257,962	\$60,490	2
31-33	Manufacturing	\$650,528	\$146,213	2
42	Wholesale Trade	\$1,162,669	\$358,098	8
44-45	Retail Trade	\$4,156,717	\$1,369,560	57
48-49	Transportation and Warehousing	\$333,416	\$121,024	3
51	Information	\$882,439	\$125,785	3
52	Finance and Insurance	\$3,183,620	\$654,948	22
53	Real Estate and Rental and Leasing	\$2,198,675	\$98,346	15
54	Professional, Scientific, and Technical Services	\$1,062,890	\$366,763	12
55	Management of Companies and Enterprises	\$130,767	\$50,446	1
56	Administrative and Support	\$797,520	\$236,005	16
61	Educational Services	\$247,723	\$78,355	10
62	Health Care and Social Assistance	\$5,079,529	\$2,092,180	64
71	Arts, Entertainment, and Recreation	\$658,147	\$184,653	16
72	Accommodation and Food Services	\$2,962,067	\$913,104	62
81	Other Services (except Public Administration)	\$2,150,626	\$634,225	45
92	Public Administration	\$7,150,633	\$241,740	3

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Fresno

TABLE 1  
OVERVIEW OF THE FRESNO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Fresno	\$46,128,629,000	\$25,796,204,000	\$14,019,907,000	431,170

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Fresno	\$165,198,385	\$226,970,652	\$100,932,516	\$44,973,349	\$14,215,861	1,656

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
FRESNO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Fresno County	Direct	Indirect	Induced	Total
Total Output	\$165,198,385	\$30,201,266	\$31,571,001	\$226,970,652
Value Added	\$65,174,147	\$16,682,845	\$19,075,524	\$100,932,516
Employee Compensation	\$28,085,400	\$8,279,196	\$8,608,753	\$44,973,349
Employment	1,065	274	318	1,656
State and Local Taxes				\$14,215,861

Note: Any differences due to rounding.

TABLE 4  
 FRESNO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$2,440,528	\$256,827	19
21	Mining	\$130,725	\$21,851	0
22	Utilities	\$2,448,764	\$510,859	6
23	Construction	\$1,109,141	\$374,840	10
31-33	Manufacturing	\$8,863,883	\$1,359,808	35
42	Wholesale Trade	\$8,732,446	\$3,052,853	64
44-45	Retail Trade	\$21,394,342	\$7,457,821	312
48-49	Transportation and Warehousing	\$4,339,014	\$1,565,608	42
51	Information	\$5,109,540	\$1,153,260	21
52	Finance and Insurance	\$15,133,088	\$3,911,189	90
53	Real Estate and Rental and Leasing	\$9,666,595	\$906,151	59
54	Professional, Scientific, and Technical Services	\$6,589,506	\$2,097,520	69
55	Management of Companies and Enterprises	\$1,784,473	\$736,947	13
56	Administrative and Support	\$3,746,404	\$1,574,253	72
61	Educational Services	\$1,732,127	\$668,014	42
62	Health Care and Social Assistance	\$25,951,800	\$11,749,364	336
71	Arts, Entertainment, and Recreation	\$1,565,236	\$555,521	39
72	Accommodation and Food Services	\$11,131,240	\$3,470,679	240
81	Other Services (except Public Administration)	\$7,860,642	\$2,525,103	174
92	Public Administration	\$26,830,150	\$1,024,881	15

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Glenn

TABLE 1  
OVERVIEW OF THE GLENN COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Glenn	\$1,875,536,000	\$1,113,430,000	\$300,054,000	13,800

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Glenn	\$4,006,504	\$4,400,872	\$1,276,490	\$385,740	\$187,801	21

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
GLENN COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Glenn County	Direct	Indirect	Induced	Total
Total Output	\$4,006,504	\$225,191	\$169,177	\$4,400,872
Value Added	\$1,043,914	\$126,065	\$106,511	\$1,276,490
Employee Compensation	\$315,915	\$37,163	\$32,662	\$385,740
Employment	18	1	1	21
State and Local Taxes				\$187,801

Note: Any differences due to rounding.

TABLE 4  
 GLENN COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$50,996	\$3,073	0
21	Mining	\$1,235	\$15	0
22	Utilities	\$15,646	\$4,373	0
23	Construction	\$8,263	\$1,820	0
31-33	Manufacturing	\$35,958	\$4,271	0
42	Wholesale Trade	\$131,442	\$42,108	1
44-45	Retail Trade	\$275,547	\$95,863	4
48-49	Transportation and Warehousing	\$53,834	\$15,480	1
51	Information	\$39,475	\$2,232	0
52	Finance and Insurance	\$71,431	\$13,951	0
53	Real Estate and Rental and Leasing	\$162,483	\$364	1
54	Professional, Scientific, and Technical Services	\$44,118	\$8,699	1
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$17,546	\$1,585	0
61	Educational Services	\$10,601	\$4,394	0
62	Health Care and Social Assistance	\$220,729	\$86,467	6
71	Arts, Entertainment, and Recreation	\$10,568	\$2,512	0
72	Accommodation and Food Services	\$182,612	\$53,153	4
81	Other Services (except Public Administration)	\$119,661	\$29,753	3
92	Public Administration	\$562,543	\$15,627	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Humboldt

TABLE 1  
OVERVIEW OF THE HUMBOLDT COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Humboldt	\$6,295,643,000	\$3,559,353,000	\$1,916,570,000	64,358

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Humboldt	\$34,190,381	\$43,271,192	\$17,374,458	\$7,164,481	\$2,520,210	316

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
HUMBOLDT COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Humboldt County	Direct	Indirect	Induced	Total
Total Output	\$34,190,381	\$4,378,482	\$4,702,329	\$43,271,192
Value Added	\$12,141,516	\$2,386,999	\$2,845,943	\$17,374,458
Employee Compensation	\$4,899,327	\$1,070,187	\$1,194,967	\$7,164,481
Employment	220	44	52	316
State and Local Taxes				\$2,520,210

Note: Any differences due to rounding.

TABLE 4  
HUMBOLDT COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$176,216	\$31,558	1
21	Mining	\$7,301	\$0	0
22	Utilities	\$610,227	\$136,184	1
23	Construction	\$209,408	\$54,235	2
31-33	Manufacturing	\$1,175,668	\$222,796	6
42	Wholesale Trade	\$824,784	\$287,012	8
44-45	Retail Trade	\$4,197,633	\$1,449,334	64
48-49	Transportation and Warehousing	\$612,151	\$230,642	7
51	Information	\$812,205	\$147,686	4
52	Finance and Insurance	\$2,324,833	\$507,133	16
53	Real Estate and Rental and Leasing	\$1,731,996	\$127,801	12
54	Professional, Scientific, and Technical Services	\$844,628	\$210,173	11
55	Management of Companies and Enterprises	\$242,771	\$90,323	2
56	Administrative and Support	\$444,114	\$154,004	9
61	Educational Services	\$175,383	\$57,347	7
62	Health Care and Social Assistance	\$4,822,733	\$2,056,634	68
71	Arts, Entertainment, and Recreation	\$316,586	\$84,067	8
72	Accommodation and Food Services	\$2,314,978	\$662,464	53
81	Other Services (except Public Administration)	\$1,350,245	\$458,984	32
92	Public Administration	\$5,418,991	\$196,104	4

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Imperial

TABLE 1  
OVERVIEW OF THE IMPERIAL COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Imperial	\$6,671,378,000	\$4,099,398,000	\$2,220,153,000	66,075

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Imperial	\$17,815,608	\$20,451,269	\$6,811,264	\$2,704,618	\$1,117,461	113

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
IMPERIAL COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Imperial County	Direct	Indirect	Induced	Total
Total Output	\$17,815,608	\$1,475,051	\$1,160,610	\$20,451,269
Value Added	\$5,302,877	\$791,940	\$716,447	\$6,811,264
Employee Compensation	\$1,999,112	\$416,071	\$289,435	\$2,704,618
Employment	86	15	12	113
State and Local Taxes				\$1,117,461

Note: Any differences due to rounding.

TABLE 4  
 IMPERIAL COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$153,516	\$19,710	1
21	Mining	\$1,642	\$32	0
22	Utilities	\$460,054	\$89,665	1
23	Construction	\$64,426	\$21,443	1
31-33	Manufacturing	\$262,547	\$38,572	1
42	Wholesale Trade	\$865,155	\$266,249	7
44-45	Retail Trade	\$1,918,487	\$697,851	30
48-49	Transportation and Warehousing	\$285,404	\$88,221	3
51	Information	\$299,350	\$58,690	1
52	Finance and Insurance	\$540,782	\$125,716	4
53	Real Estate and Rental and Leasing	\$375,810	\$44,415	3
54	Professional, Scientific, and Technical Services	\$216,147	\$72,840	2
55	Management of Companies and Enterprises	\$110,322	\$39,098	1
56	Administrative and Support	\$185,303	\$63,410	4
61	Educational Services	\$53,424	\$33,554	2
62	Health Care and Social Assistance	\$1,064,489	\$436,313	17
71	Arts, Entertainment, and Recreation	\$61,601	\$20,240	2
72	Accommodation and Food Services	\$921,169	\$291,361	20
81	Other Services (except Public Administration)	\$596,170	\$225,962	14
92	Public Administration	\$2,538,289	\$71,276	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Inyo

TABLE 1  
OVERVIEW OF THE INYO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Inyo	\$791,610,000	\$507,563,000	\$304,558,000	9,046

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Inyo	\$5,369,561	\$6,149,498	\$2,088,497	\$807,218	\$324,762	36

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
INYO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Inyo County	Direct	Indirect	Induced	Total
Total Output	\$5,369,561	\$393,374	\$386,563	\$6,149,498
Value Added	\$1,641,456	\$206,601	\$240,440	\$2,088,497
Employee Compensation	\$605,790	\$106,867	\$94,561	\$807,218
Employment	28	4	4	36
State and Local Taxes				\$324,762

Note: Any differences due to rounding.

TABLE 4  
 INYO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$9,392	\$649	0
21	Mining	\$4,686	\$610	0
22	Utilities	\$116,773	\$25,406	0
23	Construction	\$15,390	\$3,891	0
31-33	Manufacturing	\$38,166	\$8,561	0
42	Wholesale Trade	\$92,426	\$31,413	1
44-45	Retail Trade	\$621,523	\$200,002	10
48-49	Transportation and Warehousing	\$63,388	\$26,199	1
51	Information	\$127,890	\$24,918	1
52	Finance and Insurance	\$130,411	\$25,764	1
53	Real Estate and Rental and Leasing	\$92,265	\$10,544	1
54	Professional, Scientific, and Technical Services	\$60,168	\$17,460	1
55	Management of Companies and Enterprises	\$38,902	\$14,988	0
56	Administrative and Support	\$45,214	\$15,518	1
61	Educational Services	\$189	\$55	0
62	Health Care and Social Assistance	\$377,292	\$160,387	5
71	Arts, Entertainment, and Recreation	\$60,932	\$20,210	1
72	Accommodation and Food Services	\$339,573	\$106,286	7
81	Other Services (except Public Administration)	\$201,094	\$59,842	4
92	Public Administration	\$906,108	\$54,515	2

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Kern

TABLE 1  
OVERVIEW OF THE KERN COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Kern	\$40,267,535,000	\$22,080,622,000	\$12,298,029,000	328,643

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Kern	\$121,471,157	\$155,170,481	\$62,762,924	\$27,412,097	\$9,098,717	1,026

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
KERN COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Kern County	Direct	Indirect	Induced	Total
Total Output	\$121,471,157	\$17,520,385	\$16,178,939	\$155,170,481
Value Added	\$43,410,174	\$9,601,516	\$9,751,234	\$62,762,924
Employee Compensation	\$18,294,494	\$4,802,277	\$4,315,326	\$27,412,097
Employment	705	159	162	1,026
State and Local Taxes				\$9,098,717

Note: Any differences due to rounding.

TABLE 4  
 KERN COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$866,160	\$171,363	8
21	Mining	\$1,655,452	\$319,273	4
22	Utilities	\$2,365,741	\$305,838	4
23	Construction	\$694,349	\$232,009	6
31-33	Manufacturing	\$5,360,496	\$581,004	11
42	Wholesale Trade	\$5,316,457	\$1,732,662	35
44-45	Retail Trade	\$14,134,384	\$5,031,518	202
48-49	Transportation and Warehousing	\$2,393,977	\$891,126	25
51	Information	\$3,024,352	\$620,428	12
52	Finance and Insurance	\$8,485,094	\$2,251,712	49
53	Real Estate and Rental and Leasing	\$5,340,879	\$548,366	35
54	Professional, Scientific, and Technical Services	\$2,746,360	\$1,028,268	30
55	Management of Companies and Enterprises	\$842,054	\$340,315	6
56	Administrative and Support	\$2,189,126	\$864,502	50
61	Educational Services	\$765,977	\$326,293	18
62	Health Care and Social Assistance	\$15,014,160	\$6,965,621	208
71	Arts, Entertainment, and Recreation	\$926,734	\$309,993	22
72	Accommodation and Food Services	\$7,833,653	\$2,448,924	166
81	Other Services (except Public Administration)	\$4,854,921	\$1,610,563	116
92	Public Administration	\$19,075,694	\$832,319	19

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Kings

TABLE 1  
OVERVIEW OF THE KINGS COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Kings	\$6,906,977,000	\$3,500,462,000	\$2,187,182,000	55,440

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Kings	\$17,165,822	\$19,382,307	\$6,078,061	\$2,432,890	\$921,858	103

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
KINGS COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Kings County	Direct	Indirect	Induced	Total
Total Output	\$17,165,822	\$1,143,396	\$1,073,089	\$19,382,307
Value Added	\$4,880,770	\$555,678	\$641,613	\$6,078,061
Employee Compensation	\$1,888,657	\$280,657	\$263,576	\$2,432,890
Employment	82	11	10	103
State and Local Taxes				\$921,858

Note: Any differences due to rounding.

TABLE 4  
 KINGS COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$275,670	\$41,455	2
21	Mining	\$0	\$0	0
22	Utilities	\$158,624	\$22,536	0
23	Construction	\$49,812	\$14,596	0
31-33	Manufacturing	\$431,058	\$34,918	1
42	Wholesale Trade	\$211,876	\$72,414	2
44-45	Retail Trade	\$1,616,386	\$532,805	25
48-49	Transportation and Warehousing	\$204,467	\$61,742	2
51	Information	\$308,501	\$59,686	1
52	Finance and Insurance	\$323,278	\$81,454	2
53	Real Estate and Rental and Leasing	\$381,059	\$54,858	3
54	Professional, Scientific, and Technical Services	\$171,762	\$51,146	2
55	Management of Companies and Enterprises	\$28,908	\$11,131	0
56	Administrative and Support	\$159,784	\$54,658	3
61	Educational Services	\$73,075	\$46,319	2
62	Health Care and Social Assistance	\$1,669,899	\$771,705	21
71	Arts, Entertainment, and Recreation	\$76,016	\$18,889	2
72	Accommodation and Food Services	\$834,381	\$243,902	19
81	Other Services (except Public Administration)	\$568,304	\$154,782	14
92	Public Administration	\$2,558,109	\$103,894	3

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Lake

TABLE 1  
OVERVIEW OF THE LAKE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Lake	\$1,911,604,000	\$1,217,241,000	\$578,359,000	20,447

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Lake	\$10,447,237	\$12,022,297	\$4,005,884	\$1,480,854	\$589,545	62

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
LAKE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Lake County	Direct	Indirect	Induced	Total
Total Output	\$10,447,237	\$813,592	\$761,468	\$12,022,297
Value Added	\$3,068,394	\$460,237	\$477,253	\$4,005,884
Employee Compensation	\$1,111,924	\$187,174	\$181,756	\$1,480,854
Employment	47	8	7	62
State and Local Taxes				\$589,545

Note: Any differences due to rounding.

TABLE 4  
 LAKE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$44,212	\$8,251	0
21	Mining	\$2,376	\$48	0
22	Utilities	\$268,821	\$59,631	1
23	Construction	\$42,416	\$8,128	0
31-33	Manufacturing	\$35,040	\$8,703	0
42	Wholesale Trade	\$133,833	\$46,271	1
44-45	Retail Trade	\$871,199	\$298,777	12
48-49	Transportation and Warehousing	\$113,679	\$40,467	1
51	Information	\$178,646	\$25,652	1
52	Finance and Insurance	\$327,941	\$65,004	2
53	Real Estate and Rental and Leasing	\$401,762	\$17,734	3
54	Professional, Scientific, and Technical Services	\$165,288	\$37,586	2
55	Management of Companies and Enterprises	\$62,072	\$27,963	0
56	Administrative and Support	\$108,375	\$21,698	2
61	Educational Services	\$47,462	\$4,198	3
62	Health Care and Social Assistance	\$1,117,146	\$508,260	14
71	Arts, Entertainment, and Recreation	\$63,105	\$17,518	2
72	Accommodation and Food Services	\$401,878	\$115,478	9
81	Other Services (except Public Administration)	\$383,669	\$109,770	9
92	Public Administration	\$1,587,220	\$59,717	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Lassen

TABLE 1  
OVERVIEW OF THE LASSEN COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Lassen	\$1,122,391,000	\$785,423,000	\$482,296,000	13,174

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Lassen	\$7,557,536	\$8,732,691	\$3,063,641	\$1,081,488	\$479,323	55

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
LASSEN COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Lassen County	Direct	Indirect	Induced	Total
Total Output	\$7,557,536	\$584,193	\$590,962	\$8,732,691
Value Added	\$2,377,999	\$318,686	\$366,956	\$3,063,641
Employee Compensation	\$843,866	\$106,176	\$131,446	\$1,081,488
Employment	43	6	6	55
State and Local Taxes				\$479,323

Note: Any differences due to rounding.

TABLE 4  
 LASSEN COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$28,767	\$6,210	0
21	Mining	\$12,681	\$16	0
22	Utilities	\$49,178	\$10,876	0
23	Construction	\$27,620	\$5,530	0
31-33	Manufacturing	\$4,794	\$727	0
42	Wholesale Trade	\$101,790	\$33,596	1
44-45	Retail Trade	\$771,953	\$239,999	14
48-49	Transportation and Warehousing	\$128,154	\$33,932	1
51	Information	\$168,820	\$31,540	1
52	Finance and Insurance	\$377,046	\$55,590	3
53	Real Estate and Rental and Leasing	\$320,603	\$5,078	2
54	Professional, Scientific, and Technical Services	\$73,496	\$14,512	1
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$48,597	\$11,195	1
61	Educational Services	\$34,147	\$15,178	1
62	Health Care and Social Assistance	\$794,785	\$332,495	11
71	Arts, Entertainment, and Recreation	\$21,220	\$4,899	1
72	Accommodation and Food Services	\$447,424	\$139,843	10
81	Other Services (except Public Administration)	\$326,705	\$93,873	9
92	Public Administration	\$1,177,931	\$46,399	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Los Angeles

TABLE 1  
OVERVIEW OF THE LOS ANGELES COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Los Angeles	\$765,154,898,000	\$428,766,845,000	\$237,292,750,000	5,509,182

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Los Angeles	\$1,279,125,007	\$1,910,355,040	\$924,117,299	\$435,897,354	\$121,958,486	12,608

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
LOS ANGELES COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Los Angeles County	Direct	Indirect	Induced	Total
Total Output	\$1,279,125,007	\$306,321,291	\$324,908,742	\$1,910,355,040
Value Added	\$560,853,158	\$170,364,324	\$192,899,817	\$924,117,299
Employee Compensation	\$255,097,329	\$88,859,375	\$91,940,650	\$435,897,354
Employment	7,781	2,156	2,671	12,608
State and Local Taxes				\$121,958,486

Note: Any differences due to rounding.

TABLE 4  
 LOS ANGELES COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$887,398	\$367,458	15
21	Mining	\$7,304,549	\$1,067,482	14
22	Utilities	\$21,869,218	\$2,942,797	30
23	Construction	\$6,555,183	\$2,106,267	53
31-33	Manufacturing	\$178,257,001	\$25,862,134	568
42	Wholesale Trade	\$91,776,378	\$30,518,836	589
44-45	Retail Trade	\$168,118,160	\$59,490,978	2,078
48-49	Transportation and Warehousing	\$39,976,346	\$15,272,425	347
51	Information	\$56,014,052	\$10,398,466	143
52	Finance and Insurance	\$143,080,699	\$44,918,928	658
53	Real Estate and Rental and Leasing	\$83,679,822	\$7,819,570	448
54	Professional, Scientific, and Technical Services	\$70,068,828	\$25,221,190	567
55	Management of Companies and Enterprises	\$17,985,499	\$8,335,130	95
56	Administrative and Support	\$33,496,491	\$14,682,382	589
61	Educational Services	\$24,808,292	\$13,543,781	470
62	Health Care and Social Assistance	\$204,150,601	\$95,615,376	2,433
71	Arts, Entertainment, and Recreation	\$24,974,589	\$9,395,826	374
72	Accommodation and Food Services	\$94,415,738	\$31,810,556	1,721
81	Other Services (except Public Administration)	\$72,008,001	\$26,688,134	1,298
92	Public Administration	\$215,670,730	\$9,839,638	118

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Madera

TABLE 1  
OVERVIEW OF THE MADERA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Madera	\$6,227,060,000	\$3,423,461,000	\$1,654,850,000	58,229

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Madera	\$23,217,045	\$26,914,237	\$9,096,945	\$3,576,948	\$1,358,726	150

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MADERA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Madera County	Direct	Indirect	Induced	Total
Total Output	\$23,217,045	\$1,886,453	\$1,810,739	\$26,914,237
Value Added	\$6,965,740	\$1,013,327	\$1,117,878	\$9,096,945
Employee Compensation	\$2,683,487	\$442,841	\$450,620	\$3,576,948
Employment	111	21	18	150
State and Local Taxes				\$1,358,726

Note: Any differences due to rounding.

TABLE 4  
MADERA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$175,411	\$20,253	1
21	Mining	\$48,279	\$36	0
22	Utilities	\$123,533	\$28,439	0
23	Construction	\$119,299	\$28,513	1
31-33	Manufacturing	\$253,923	\$48,269	1
42	Wholesale Trade	\$441,724	\$147,678	3
44-45	Retail Trade	\$2,204,366	\$680,255	33
48-49	Transportation and Warehousing	\$277,972	\$76,151	3
51	Information	\$458,580	\$73,353	2
52	Finance and Insurance	\$659,468	\$112,811	5
53	Real Estate and Rental and Leasing	\$779,609	\$56,724	5
54	Professional, Scientific, and Technical Services	\$346,238	\$96,533	4
55	Management of Companies and Enterprises	\$154,651	\$17,551	3
56	Administrative and Support	\$247,578	\$100,368	5
61	Educational Services	\$47,315	\$24,647	2
62	Health Care and Social Assistance	\$2,831,411	\$1,344,837	35
71	Arts, Entertainment, and Recreation	\$129,624	\$42,446	3
72	Accommodation and Food Services	\$983,680	\$289,786	21
81	Other Services (except Public Administration)	\$876,950	\$263,948	22
92	Public Administration	\$3,493,918	\$124,350	2

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Marin

TABLE 1  
OVERVIEW OF THE MARIN COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Marin	\$23,499,439,000	\$14,934,683,000	\$7,384,888,000	185,875

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Marin	\$64,958,549	\$84,339,138	\$38,034,680	\$16,620,809	\$5,062,160	478

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MARIN COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Marin County	Direct	Indirect	Induced	Total
Total Output	\$64,958,549	\$9,400,185	\$9,980,404	\$84,339,138
Value Added	\$25,808,310	\$5,755,347	\$6,471,023	\$38,034,680
Employee Compensation	\$10,895,524	\$2,872,950	\$2,852,335	\$16,620,809
Employment	325	71	82	478
State and Local Taxes				\$5,062,160

Note: Any differences due to rounding.

TABLE 4  
 MARIN COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$122,549	\$29,890	2
21	Mining	\$64,717	\$62	0
22	Utilities	\$253,235	\$58,122	1
23	Construction	\$370,354	\$118,948	3
31-33	Manufacturing	\$1,390,214	\$288,213	6
42	Wholesale Trade	\$3,168,120	\$1,069,778	16
44-45	Retail Trade	\$7,502,514	\$2,655,961	87
48-49	Transportation and Warehousing	\$731,419	\$288,524	7
51	Information	\$1,707,588	\$325,006	4
52	Finance and Insurance	\$6,599,205	\$2,195,545	27
53	Real Estate and Rental and Leasing	\$3,330,685	\$261,318	20
54	Professional, Scientific, and Technical Services	\$2,927,242	\$1,014,071	26
55	Management of Companies and Enterprises	\$600,016	\$307,623	2
56	Administrative and Support	\$1,318,022	\$527,281	19
61	Educational Services	\$786,962	\$430,309	16
62	Health Care and Social Assistance	\$9,274,402	\$4,004,492	95
71	Arts, Entertainment, and Recreation	\$724,793	\$210,533	15
72	Accommodation and Food Services	\$4,497,416	\$1,464,648	80
81	Other Services (except Public Administration)	\$3,159,539	\$1,111,395	50
92	Public Administration	\$10,087,619	\$259,090	4

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Mariposa

TABLE 1  
OVERVIEW OF THE MARIPOSA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Mariposa	\$496,890,000	\$312,683,000	\$161,643,000	5,917

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Mariposa	\$5,364,135	\$5,764,238	\$1,487,965	\$476,982	\$221,603	26

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MARIPOSA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Mariposa County	Direct	Indirect	Induced	Total
Total Output	\$5,364,135	\$216,601	\$183,502	\$5,764,238
Value Added	\$1,247,734	\$122,177	\$118,054	\$1,487,965
Employee Compensation	\$382,457	\$56,070	\$38,455	\$476,982
Employment	22	2	2	26
State and Local Taxes				\$221,603

Note: Any differences due to rounding.

TABLE 4  
MARIPOSA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$16,014	\$628	0
21	Mining	\$2,038	\$2	0
22	Utilities	\$1,216	\$493	0
23	Construction	\$17,941	\$3,290	0
31-33	Manufacturing	\$12,686	\$2,495	0
42	Wholesale Trade	\$12,759	\$4,341	0
44-45	Retail Trade	\$344,447	\$71,608	6
48-49	Transportation and Warehousing	\$48,558	\$11,462	0
51	Information	\$36,997	\$8,590	0
52	Finance and Insurance	\$107,288	\$23,980	1
53	Real Estate and Rental and Leasing	\$153,393	\$7,134	1
54	Professional, Scientific, and Technical Services	\$16,604	\$4,385	0
55	Management of Companies and Enterprises	\$20,965	\$9,164	0
56	Administrative and Support	\$19,977	\$6,361	0
61	Educational Services	\$23,100	\$7,674	1
62	Health Care and Social Assistance	\$225,316	\$88,162	3
71	Arts, Entertainment, and Recreation	\$5,849	\$1,709	0
72	Accommodation and Food Services	\$232,503	\$71,352	5
81	Other Services (except Public Administration)	\$140,113	\$44,819	4
92	Public Administration	\$865,105	\$109,333	5

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Mendocino

TABLE 1  
OVERVIEW OF THE MENDOCINO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Mendocino	\$4,165,667,000	\$2,333,683,000	\$1,174,300,000	42,551

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Mendocino	\$24,571,304	\$29,477,309	\$11,098,530	\$4,210,627	\$1,589,638	191

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MENDOCINO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Mendocino County	Direct	Indirect	Induced	Total
Total Output	\$24,571,304	\$2,438,178	\$2,467,827	\$29,477,309
Value Added	\$8,177,421	\$1,377,279	\$1,543,830	\$11,098,530
Employee Compensation	\$3,061,467	\$553,650	\$595,510	\$4,210,627
Employment	140	25	26	191
State and Local Taxes				\$1,589,638

Note: Any differences due to rounding.

TABLE 4  
MENDOCINO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$109,919	\$31,308	2
21	Mining	\$17,608	\$37	0
22	Utilities	\$173,244	\$46,102	1
23	Construction	\$142,322	\$31,847	1
31-33	Manufacturing	\$375,272	\$69,805	2
42	Wholesale Trade	\$502,671	\$164,699	4
44-45	Retail Trade	\$2,853,414	\$977,169	40
48-49	Transportation and Warehousing	\$363,002	\$125,305	4
51	Information	\$624,984	\$117,220	3
52	Finance and Insurance	\$1,283,451	\$275,836	8
53	Real Estate and Rental and Leasing	\$1,152,984	\$76,088	9
54	Professional, Scientific, and Technical Services	\$574,984	\$99,626	7
55	Management of Companies and Enterprises	\$98,624	\$37,670	1
56	Administrative and Support	\$299,190	\$96,880	5
61	Educational Services	\$105,181	\$49,503	4
62	Health Care and Social Assistance	\$2,532,897	\$1,099,536	37
71	Arts, Entertainment, and Recreation	\$153,873	\$36,191	5
72	Accommodation and Food Services	\$1,639,383	\$489,421	35
81	Other Services (except Public Administration)	\$953,964	\$259,477	21
92	Public Administration	\$3,733,435	\$126,907	2

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Merced

TABLE 1  
OVERVIEW OF THE MERCED COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Merced	\$11,735,957,000	\$5,652,029,000	\$2,679,761,000	91,571

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Merced	\$36,825,049	\$43,658,114	\$14,988,336	\$5,912,346	\$2,248,016	258

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MERCED COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Merced County	Direct	Indirect	Induced	Total
Total Output	\$36,825,049	\$3,600,165	\$3,232,900	\$43,658,114
Value Added	\$11,222,229	\$1,832,797	\$1,933,310	\$14,988,336
Employee Compensation	\$4,267,386	\$868,929	\$776,031	\$5,912,346
Employment	192	33	33	258
State and Local Taxes				\$2,248,016

Note: Any differences due to rounding.

TABLE 4  
MERCED COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$675,118	\$66,441	4
21	Mining	\$865	\$15	0
22	Utilities	\$356,237	\$77,631	1
23	Construction	\$172,197	\$41,877	2
31-33	Manufacturing	\$1,684,612	\$265,340	6
42	Wholesale Trade	\$698,298	\$237,596	5
44-45	Retail Trade	\$3,802,782	\$1,317,636	57
48-49	Transportation and Warehousing	\$516,266	\$160,647	5
51	Information	\$743,838	\$136,872	4
52	Finance and Insurance	\$1,121,921	\$290,443	7
53	Real Estate and Rental and Leasing	\$1,209,759	\$84,870	8
54	Professional, Scientific, and Technical Services	\$447,017	\$147,947	5
55	Management of Companies and Enterprises	\$240,727	\$101,749	2
56	Administrative and Support	\$444,025	\$126,263	10
61	Educational Services	\$44,618	\$8,205	2
62	Health Care and Social Assistance	\$3,890,093	\$1,640,862	61
71	Arts, Entertainment, and Recreation	\$281,005	\$62,015	7
72	Accommodation and Food Services	\$1,846,215	\$557,094	41
81	Other Services (except Public Administration)	\$1,229,568	\$396,088	30
92	Public Administration	\$5,526,332	\$192,755	3

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

## Modoc

TABLE 1  
OVERVIEW OF THE MODOC COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Modoc	\$376,903,000	\$241,635,000	\$109,964,000	4,291

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Modoc	\$1,826,887	\$1,965,739	\$528,384	\$152,191	\$87,055	8

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MODOC COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Modoc County	Direct	Indirect	Induced	Total
Total Output	\$1,826,887	\$74,988	\$63,864	\$1,965,739
Value Added	\$446,183	\$41,232	\$40,969	\$528,384
Employee Compensation	\$125,238	\$14,797	\$12,156	\$152,191
Employment	8	1	0	8
State and Local Taxes				\$87,055

Note: Any differences due to rounding.

TABLE 4  
 MODOC COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$6,962	\$645	0
21	Mining	\$1,042	\$3	0
22	Utilities	\$24,414	\$5,376	0
23	Construction	\$6,001	\$1,164	0
31-33	Manufacturing	\$0	\$0	0
42	Wholesale Trade	\$52,618	\$19,555	1
44-45	Retail Trade	\$130,123	\$32,188	2
48-49	Transportation and Warehousing	\$22,648	\$5,651	0
51	Information	\$30,605	\$5,544	0
52	Finance and Insurance	\$23,971	\$5,433	0
53	Real Estate and Rental and Leasing	\$45,143	\$2,567	0
54	Professional, Scientific, and Technical Services	\$2,097	\$543	0
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$12,626	\$167	0
61	Educational Services	\$711	\$220	0
62	Health Care and Social Assistance	\$72,108	\$29,032	1
71	Arts, Entertainment, and Recreation	\$14,031	\$101	0
72	Accommodation and Food Services	\$65,575	\$16,551	2
81	Other Services (except Public Administration)	\$47,555	\$20,111	1
92	Public Administration	\$259,532	\$7,340	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Mono

TABLE 1  
OVERVIEW OF THE MONO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Mono	\$919,117,000	\$603,545,000	\$281,896,000	9,478

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Mono	\$2,491,515	\$2,705,005	\$782,589	\$235,781	\$117,902	10

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MONO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Mono County	Direct	Indirect	Induced	Total
Total Output	\$2,491,515	\$116,963	\$96,527	\$2,705,005
Value Added	\$650,277	\$68,751	\$63,561	\$782,589
Employee Compensation	\$187,973	\$28,483	\$19,325	\$235,781
Employment	9	1	0	10
State and Local Taxes				\$117,902

Note: Any differences due to rounding.

TABLE 4  
 MONO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$5,316	\$114	0
21	Mining	\$2,521	\$506	0
22	Utilities	\$1,502	\$372	0
23	Construction	\$10,548	\$2,714	0
31-33	Manufacturing	\$14,847	\$2,918	0
42	Wholesale Trade	\$17,606	\$5,504	0
44-45	Retail Trade	\$213,438	\$61,173	3
48-49	Transportation and Warehousing	\$3,491	\$1,879	0
51	Information	\$19,725	\$1,927	0
52	Finance and Insurance	\$52,968	\$10,727	0
53	Real Estate and Rental and Leasing	\$103,713	\$7,395	0
54	Professional, Scientific, and Technical Services	\$44,439	\$16,147	0
55	Management of Companies and Enterprises	\$282	\$73	0
56	Administrative and Support	\$16,149	\$4,989	0
61	Educational Services	\$2,454	\$789	0
62	Health Care and Social Assistance	\$68,697	\$19,171	1
71	Arts, Entertainment, and Recreation	\$30,443	\$6,219	1
72	Accommodation and Food Services	\$156,249	\$57,631	3
81	Other Services (except Public Administration)	\$65,056	\$24,425	1
92	Public Administration	\$356,156	\$11,108	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Monterey

TABLE 1  
OVERVIEW OF THE MONTEREY COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Monterey	\$25,765,932,000	\$16,330,665,000	\$8,249,592,000	240,209

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Monterey	\$75,393,311	\$94,823,566	\$40,284,676	\$17,066,196	\$5,805,073	594

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
MONTEREY COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Monterey County	Direct	Indirect	Induced	Total
Total Output	\$75,393,311	\$9,470,973	\$9,959,282	\$94,823,566
Value Added	\$28,212,085	\$5,676,025	\$6,396,566	\$40,284,676
Employee Compensation	\$11,635,220	\$2,691,004	\$2,739,972	\$17,066,196
Employment	409	90	95	594
State and Local Taxes				\$5,805,073

Note: Any differences due to rounding.

TABLE 4  
 MONTEREY COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$431,106	\$93,555	4
21	Mining	\$85,978	\$11,554	0
22	Utilities	\$586,005	\$133,728	1
23	Construction	\$417,294	\$121,447	3
31-33	Manufacturing	\$1,631,285	\$250,215	7
42	Wholesale Trade	\$4,398,182	\$1,196,467	28
44-45	Retail Trade	\$9,250,578	\$3,212,886	117
48-49	Transportation and Warehousing	\$1,399,825	\$529,225	14
51	Information	\$1,334,899	\$310,696	5
52	Finance and Insurance	\$4,301,201	\$1,249,272	25
53	Real Estate and Rental and Leasing	\$3,851,677	\$308,973	24
54	Professional, Scientific, and Technical Services	\$2,206,468	\$757,335	23
55	Management of Companies and Enterprises	\$713,570	\$318,057	4
56	Administrative and Support	\$1,313,987	\$457,911	25
61	Educational Services	\$838,582	\$460,700	17
62	Health Care and Social Assistance	\$8,421,108	\$3,939,818	100
71	Arts, Entertainment, and Recreation	\$1,276,737	\$372,121	26
72	Accommodation and Food Services	\$5,163,137	\$1,684,304	95
81	Other Services (except Public Administration)	\$3,432,115	\$1,233,740	67
92	Public Administration	\$11,526,650	\$424,192	9

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Napa

TABLE 1  
OVERVIEW OF THE NAPA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Napa	\$11,625,669,000	\$6,096,673,000	\$3,383,692,000	84,493

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Napa	\$34,896,045	\$44,057,828	\$18,637,670	\$8,244,588	\$2,330,422	263

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
NAPA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Napa County	Direct	Indirect	Induced	Total
Total Output	\$34,896,045	\$4,288,094	\$4,873,689	\$44,057,828
Value Added	\$13,089,974	\$2,478,636	\$3,069,060	\$18,637,670
Employee Compensation	\$5,697,143	\$1,170,638	\$1,376,807	\$8,244,588
Employment	181	39	44	263
State and Local Taxes				\$2,330,422

Note: Any differences due to rounding.

TABLE 4  
 NAPA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
 BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$110,441	\$47,328	2
21	Mining	\$17,302	\$72	0
22	Utilities	\$89,648	\$24,878	0
23	Construction	\$209,002	\$67,914	2
31-33	Manufacturing	\$1,366,353	\$233,536	3
42	Wholesale Trade	\$728,254	\$246,924	5
44-45	Retail Trade	\$3,559,969	\$1,192,434	46
48-49	Transportation and Warehousing	\$566,362	\$221,714	6
51	Information	\$783,655	\$162,512	2
52	Finance and Insurance	\$2,672,180	\$685,555	14
53	Real Estate and Rental and Leasing	\$1,773,004	\$115,036	11
54	Professional, Scientific, and Technical Services	\$1,081,315	\$332,668	11
55	Management of Companies and Enterprises	\$94,961	\$40,084	1
56	Administrative and Support	\$691,037	\$279,671	13
61	Educational Services	\$513,900	\$276,050	10
62	Health Care and Social Assistance	\$5,384,550	\$2,561,996	58
71	Arts, Entertainment, and Recreation	\$458,044	\$156,498	8
72	Accommodation and Food Services	\$2,449,347	\$859,590	42
81	Other Services (except Public Administration)	\$1,503,647	\$546,006	29
92	Public Administration	\$5,493,836	\$194,122	3

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Nevada

TABLE 1  
OVERVIEW OF THE NEVADA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Nevada	\$4,962,101,000	\$2,893,129,000	\$1,291,224,000	48,239

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Nevada	\$32,308,623	\$39,963,533	\$15,787,239	\$5,965,873	\$2,159,113	268

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
NEVADA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Nevada County	Direct	Indirect	Induced	Total
Total Output	\$32,308,623	\$3,666,174	\$3,988,736	\$39,963,533
Value Added	\$11,239,209	\$2,082,031	\$2,465,999	\$15,787,239
Employee Compensation	\$4,194,248	\$825,773	\$945,852	\$5,965,873
Employment	188	37	42	268
State and Local Taxes				\$2,159,113

Note: Any differences due to rounding.

TABLE 4  
NEVADA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$59,969	\$4,659	0
21	Mining	\$24,640	\$110	0
22	Utilities	\$254,008	\$27,207	0
23	Construction	\$199,459	\$47,125	2
31-33	Manufacturing	\$713,809	\$127,735	2
42	Wholesale Trade	\$522,019	\$177,618	4
44-45	Retail Trade	\$3,368,597	\$1,081,752	50
48-49	Transportation and Warehousing	\$495,712	\$134,374	6
51	Information	\$565,876	\$113,695	3
52	Finance and Insurance	\$2,602,776	\$555,028	16
53	Real Estate and Rental and Leasing	\$1,608,369	\$73,125	10
54	Professional, Scientific, and Technical Services	\$984,037	\$202,647	11
55	Management of Companies and Enterprises	\$62,888	\$26,540	1
56	Administrative and Support	\$507,932	\$158,639	10
61	Educational Services	\$203,376	\$94,422	7
62	Health Care and Social Assistance	\$4,000,060	\$1,689,559	54
71	Arts, Entertainment, and Recreation	\$470,767	\$150,041	10
72	Accommodation and Food Services	\$2,177,758	\$675,960	45
81	Other Services (except Public Administration)	\$1,489,298	\$427,309	34
92	Public Administration	\$5,158,270	\$198,328	3

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Orange

TABLE 1  
OVERVIEW OF THE ORANGE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Orange	\$290,218,577,000	\$166,452,768,000	\$86,416,393,000	2,062,337

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Orange	\$622,980,225	\$894,243,844	\$426,791,867	\$192,989,840	\$57,404,546	5,629

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
ORANGE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Orange County	Direct	Indirect	Induced	Total
Total Output	\$622,980,225	\$135,062,523	\$136,201,096	\$894,243,844
Value Added	\$266,455,777	\$77,468,811	\$82,867,279	\$426,791,867
Employee Compensation	\$115,874,556	\$39,370,670	\$37,744,614	\$192,989,840
Employment	3,534	989	1,107	5,629
State and Local Taxes				\$57,404,546

Note: Any differences due to rounding.

TABLE 4  
 ORANGE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$700,037	\$258,100	10
21	Mining	\$1,678,665	\$179,783	5
22	Utilities	\$19,727,953	\$1,632,638	15
23	Construction	\$4,263,363	\$1,408,332	33
31-33	Manufacturing	\$66,675,932	\$11,846,409	227
42	Wholesale Trade	\$42,450,704	\$14,740,247	213
44-45	Retail Trade	\$81,152,404	\$29,273,262	984
48-49	Transportation and Warehousing	\$12,396,867	\$4,651,382	117
51	Information	\$22,953,888	\$4,144,219	66
52	Finance and Insurance	\$71,177,996	\$20,534,085	347
53	Real Estate and Rental and Leasing	\$36,627,063	\$3,196,005	188
54	Professional, Scientific, and Technical Services	\$32,228,021	\$12,619,962	271
55	Management of Companies and Enterprises	\$8,126,215	\$3,567,632	48
56	Administrative and Support	\$15,826,680	\$6,394,063	276
61	Educational Services	\$7,771,135	\$4,022,738	163
62	Health Care and Social Assistance	\$86,008,664	\$40,138,018	964
71	Arts, Entertainment, and Recreation	\$11,635,044	\$3,990,887	215
72	Accommodation and Food Services	\$45,592,837	\$15,217,357	844
81	Other Services (except Public Administration)	\$33,824,595	\$11,808,010	601
92	Public Administration	\$99,895,086	\$3,366,711	40

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Placer

TABLE 1  
OVERVIEW OF THE PLACER COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Placer	\$25,362,944,000	\$12,727,591,000	\$6,725,136,000	180,461

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Placer	\$108,892,000	\$140,020,373	\$60,206,158	\$26,654,611	\$8,383,834	902

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
PLACER COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Placer County	Direct	Indirect	Induced	Total
Total Output	\$108,892,000	\$15,187,519	\$15,940,854	\$140,020,373
Value Added	\$41,388,921	\$8,848,778	\$9,968,459	\$60,206,158
Employee Compensation	\$17,727,174	\$4,465,876	\$4,461,561	\$26,654,611
Employment	617	134	151	902
State and Local Taxes				\$8,383,834

Note: Any differences due to rounding.

TABLE 4  
 PLACER COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$176,591	\$16,409	1
21	Mining	\$78,222	\$232	0
22	Utilities	\$1,287,627	\$268,175	3
23	Construction	\$710,795	\$242,291	6
31-33	Manufacturing	\$1,985,642	\$341,626	6
42	Wholesale Trade	\$2,581,493	\$900,096	16
44-45	Retail Trade	\$13,874,768	\$4,905,763	193
48-49	Transportation and Warehousing	\$1,430,425	\$555,776	14
51	Information	\$2,790,220	\$528,723	11
52	Finance and Insurance	\$11,503,662	\$3,167,667	59
53	Real Estate and Rental and Leasing	\$5,740,522	\$453,745	35
54	Professional, Scientific, and Technical Services	\$3,011,610	\$1,056,555	32
55	Management of Companies and Enterprises	\$840,262	\$381,974	5
56	Administrative and Support	\$1,981,681	\$848,585	37
61	Educational Services	\$978,727	\$535,568	25
62	Health Care and Social Assistance	\$15,530,724	\$7,193,434	183
71	Arts, Entertainment, and Recreation	\$1,570,201	\$519,540	30
72	Accommodation and Food Services	\$7,579,429	\$2,451,089	151
81	Other Services (except Public Administration)	\$4,850,656	\$1,613,060	88
92	Public Administration	\$17,626,702	\$674,303	8

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Plumas

TABLE 1  
OVERVIEW OF THE PLUMAS COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Plumas	\$1,157,062,000	\$666,496,000	\$337,358,000	10,268

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Plumas	\$7,134,012	\$7,955,235	\$2,425,509	\$803,771	\$374,455	38

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
PLUMAS COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Plumas County	Direct	Indirect	Induced	Total
Total Output	\$7,134,012	\$455,577	\$365,646	\$7,955,235
Value Added	\$1,940,312	\$252,158	\$233,039	\$2,425,509
Employee Compensation	\$617,058	\$107,671	\$79,042	\$803,771
Employment	31	4	3	38
State and Local Taxes				\$374,455

Note: Any differences due to rounding.

TABLE 4  
 PLUMAS COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$14,151	\$3,181	0
21	Mining	\$2,218	\$23	0
22	Utilities	\$170,800	\$37,840	0
23	Construction	\$34,830	\$8,690	0
31-33	Manufacturing	\$56,240	\$14,720	0
42	Wholesale Trade	\$68,527	\$22,716	1
44-45	Retail Trade	\$542,524	\$176,791	8
48-49	Transportation and Warehousing	\$58,849	\$19,535	1
51	Information	\$102,455	\$20,671	0
52	Finance and Insurance	\$285,954	\$67,792	2
53	Real Estate and Rental and Leasing	\$213,442	\$17,553	1
54	Professional, Scientific, and Technical Services	\$96,593	\$18,646	1
55	Management of Companies and Enterprises	\$15,878	\$5,474	0
56	Administrative and Support	\$72,151	\$18,329	1
61	Educational Services	\$29,288	\$15,118	1
62	Health Care and Social Assistance	\$340,471	\$137,369	6
71	Arts, Entertainment, and Recreation	\$86,820	\$26,573	1
72	Accommodation and Food Services	\$348,681	\$95,025	8
81	Other Services (except Public Administration)	\$241,532	\$74,042	6
92	Public Administration	\$1,011,889	\$23,683	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Riverside

TABLE 1  
OVERVIEW OF THE RIVERSIDE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Riverside	\$81,785,167,000	\$47,018,588,000	\$26,032,784,000	745,466

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Riverside	\$267,025,195	\$349,958,315	\$148,037,289	\$65,286,749	\$21,942,976	2,272

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
RIVERSIDE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Riverside County	Direct	Indirect	Induced	Total
Total Output	\$267,025,195	\$41,292,532	\$41,640,588	\$349,958,315
Value Added	\$100,025,579	\$22,686,521	\$25,325,189	\$148,037,289
Employee Compensation	\$42,866,244	\$11,129,297	\$11,291,208	\$65,286,749
Employment	1,514	365	393	2,272
State and Local Taxes				\$21,942,976

Note: Any differences due to rounding.

TABLE 4  
RIVERSIDE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$2,049,386	\$367,539	22
21	Mining	\$220,205	\$2,152	1
22	Utilities	\$3,786,079	\$484,244	6
23	Construction	\$1,686,627	\$582,314	15
31-33	Manufacturing	\$15,984,123	\$2,481,443	48
42	Wholesale Trade	\$12,110,471	\$3,935,451	85
44-45	Retail Trade	\$34,254,892	\$12,358,627	465
48-49	Transportation and Warehousing	\$5,771,622	\$2,090,403	54
51	Information	\$9,126,852	\$1,532,298	31
52	Finance and Insurance	\$17,504,006	\$4,628,954	98
53	Real Estate and Rental and Leasing	\$13,932,613	\$1,146,418	86
54	Professional, Scientific, and Technical Services	\$6,914,362	\$2,385,363	71
55	Management of Companies and Enterprises	\$1,790,703	\$671,118	16
56	Administrative and Support	\$5,794,269	\$2,363,077	112
61	Educational Services	\$1,844,284	\$891,089	49
62	Health Care and Social Assistance	\$31,105,195	\$15,060,660	406
71	Arts, Entertainment, and Recreation	\$4,206,870	\$1,392,367	75
72	Accommodation and Food Services	\$18,531,662	\$6,188,338	351
81	Other Services (except Public Administration)	\$13,550,763	\$5,087,230	256
92	Public Administration	\$42,595,608	\$1,637,664	25

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Sacramento

TABLE 1  
OVERVIEW OF THE SACRAMENTO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Sacramento	\$88,246,908,000	\$56,245,421,000	\$35,718,876,000	766,960

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sacramento	\$234,642,442	\$310,527,593	\$138,157,062	\$65,512,905	\$20,080,047	2,019

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SACRAMENTO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sacramento County	Direct	Indirect	Induced	Total
Total Output	\$234,642,442	\$38,982,941	\$36,902,210	\$310,527,593
Value Added	\$92,279,882	\$22,821,214	\$23,055,966	\$138,157,062
Employee Compensation	\$42,037,239	\$12,416,455	\$11,059,211	\$65,512,905
Employment	1,349	329	341	2,019
State and Local Taxes				\$20,080,047

Note: Any differences due to rounding.

TABLE 4  
 SACRAMENTO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$526,651	\$67,107	5
21	Mining	\$528,314	\$30,319	2
22	Utilities	\$1,984,701	\$332,137	3
23	Construction	\$1,317,142	\$465,873	11
31-33	Manufacturing	\$8,680,013	\$1,705,792	29
42	Wholesale Trade	\$13,168,906	\$4,669,148	80
44-45	Retail Trade	\$30,656,804	\$11,164,448	406
48-49	Transportation and Warehousing	\$4,661,881	\$1,603,535	45
51	Information	\$6,891,613	\$1,487,505	28
52	Finance and Insurance	\$23,378,056	\$6,704,332	117
53	Real Estate and Rental and Leasing	\$12,848,404	\$1,186,101	73
54	Professional, Scientific, and Technical Services	\$10,013,205	\$4,024,046	93
55	Management of Companies and Enterprises	\$2,496,316	\$1,126,628	15
56	Administrative and Support	\$5,208,609	\$2,252,339	95
61	Educational Services	\$2,327,019	\$1,185,456	56
62	Health Care and Social Assistance	\$31,662,122	\$15,703,759	370
71	Arts, Entertainment, and Recreation	\$2,622,645	\$972,334	53
72	Accommodation and Food Services	\$15,078,751	\$4,873,857	304
81	Other Services (except Public Administration)	\$12,067,221	\$5,331,481	225
92	Public Administration	\$34,643,111	\$626,708	10

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## San Benito

TABLE 1  
OVERVIEW OF THE SAN BENITO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Benito	\$2,498,882,000	\$1,420,430,000	\$742,663,000	21,532

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Benito	\$8,294,140	\$9,359,783	\$3,022,478	\$1,061,255	\$476,788	42

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN BENITO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Benito County	Direct	Indirect	Induced	Total
Total Output	\$8,294,140	\$584,654	\$480,989	\$9,359,783
Value Added	\$2,381,066	\$332,787	\$308,625	\$3,022,478
Employee Compensation	\$814,090	\$138,791	\$108,374	\$1,061,255
Employment	33	5	4	42
State and Local Taxes				\$476,788

Note: Any differences due to rounding.

TABLE 4  
 SAN BENITO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$43,504	\$10,001	0
21	Mining	\$5,410	\$12	0
22	Utilities	\$58,199	\$11,901	0
23	Construction	\$39,238	\$12,796	0
31-33	Manufacturing	\$95,406	\$16,929	0
42	Wholesale Trade	\$221,083	\$75,872	2
44-45	Retail Trade	\$736,279	\$271,700	8
48-49	Transportation and Warehousing	\$100,123	\$34,576	1
51	Information	\$97,816	\$18,106	0
52	Finance and Insurance	\$285,101	\$60,295	2
53	Real Estate and Rental and Leasing	\$316,654	\$15,518	2
54	Professional, Scientific, and Technical Services	\$94,139	\$20,246	1
55	Management of Companies and Enterprises	\$26,272	\$9,985	0
56	Administrative and Support	\$88,044	\$23,872	2
61	Educational Services	\$34,908	\$12,979	1
62	Health Care and Social Assistance	\$373,383	\$145,257	5
71	Arts, Entertainment, and Recreation	\$91,354	\$29,961	1
72	Accommodation and Food Services	\$477,314	\$155,254	9
81	Other Services (except Public Administration)	\$299,944	\$89,874	6
92	Public Administration	\$1,223,603	\$46,121	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## San Bernardino

TABLE 1  
OVERVIEW OF THE SAN BERNARDINO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Bernardino	\$89,918,634,000	\$50,979,318,000	\$29,142,535,000	785,030

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Bernardino	\$224,898,966	\$307,557,937	\$134,969,247	\$63,030,007	\$19,708,564	2,108

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN BERNARDINO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Bernardino County	Direct	Indirect	Induced	Total
Total Output	\$224,898,966	\$39,826,482	\$42,832,489	\$307,557,937
Value Added	\$88,032,368	\$21,529,363	\$25,407,516	\$134,969,247
Employee Compensation	\$39,889,083	\$11,146,836	\$11,994,088	\$63,030,007
Employment	1,368	338	403	2,108
State and Local Taxes				\$19,708,564

Note: Any differences due to rounding.

TABLE 4  
 SAN BERNARDINO COUNTY SECTOR DISTRIBUTION OF ECONOMIC  
 BENEFITS CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$641,576	\$72,911	4
21	Mining	\$66,692	\$11,075	0
22	Utilities	\$4,289,752	\$713,687	9
23	Construction	\$1,476,569	\$497,738	13
31-33	Manufacturing	\$19,423,506	\$2,262,646	52
42	Wholesale Trade	\$14,541,398	\$5,169,571	101
44-45	Retail Trade	\$29,094,355	\$10,858,941	388
48-49	Transportation and Warehousing	\$6,007,021	\$2,397,240	55
51	Information	\$6,066,173	\$1,218,616	24
52	Finance and Insurance	\$16,842,027	\$4,625,492	93
53	Real Estate and Rental and Leasing	\$13,435,797	\$1,207,258	81
54	Professional, Scientific, and Technical Services	\$5,537,441	\$1,931,777	61
55	Management of Companies and Enterprises	\$2,377,847	\$1,021,304	16
56	Administrative and Support	\$5,237,283	\$2,308,227	104
61	Educational Services	\$3,114,818	\$1,622,270	61
62	Health Care and Social Assistance	\$33,527,962	\$15,899,749	430
71	Arts, Entertainment, and Recreation	\$2,338,301	\$775,145	54
72	Accommodation and Food Services	\$15,340,440	\$5,009,920	314
81	Other Services (except Public Administration)	\$11,429,631	\$4,073,801	228
92	Public Administration	\$36,393,801	\$1,352,639	22

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# San Diego

TABLE 1  
OVERVIEW OF THE SAN DIEGO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Diego	\$228,879,639,000	\$138,587,896,000	\$79,914,069,000	1,831,039

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Diego	\$530,618,729	\$740,045,871	\$340,884,054	\$157,236,442	\$47,083,792	4,853

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN DIEGO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Diego County	Direct	Indirect	Induced	Total
Total Output	\$530,618,729	\$102,559,666	\$106,867,476	\$740,045,871
Value Added	\$216,501,897	\$59,044,855	\$65,337,302	\$340,884,054
Employee Compensation	\$95,320,368	\$31,509,003	\$30,407,071	\$157,236,442
Employment	3,098	813	942	4,853
State and Local Taxes				\$47,083,792

Note: Any differences due to rounding.

TABLE 4  
 SAN DIEGO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,565,305	\$322,695	17
21	Mining	\$294,210	\$4,534	1
22	Utilities	\$8,493,828	\$1,187,957	14
23	Construction	\$3,578,766	\$1,273,006	29
31-33	Manufacturing	\$38,138,055	\$6,119,513	123
42	Wholesale Trade	\$31,133,323	\$10,688,837	181
44-45	Retail Trade	\$69,151,454	\$24,632,695	916
48-49	Transportation and Warehousing	\$10,161,920	\$4,369,644	111
51	Information	\$18,717,513	\$4,173,973	59
52	Finance and Insurance	\$59,263,932	\$16,832,523	307
53	Real Estate and Rental and Leasing	\$32,019,727	\$2,589,263	183
54	Professional, Scientific, and Technical Services	\$24,613,778	\$10,042,582	210
55	Management of Companies and Enterprises	\$6,455,109	\$2,887,218	38
56	Administrative and Support	\$12,864,360	\$5,789,671	213
61	Educational Services	\$7,198,561	\$3,706,840	148
62	Health Care and Social Assistance	\$69,249,163	\$32,621,213	823
71	Arts, Entertainment, and Recreation	\$9,596,471	\$3,399,804	175
72	Accommodation and Food Services	\$38,086,453	\$12,612,273	715
81	Other Services (except Public Administration)	\$29,027,840	\$10,213,666	528
92	Public Administration	\$86,695,246	\$3,768,535	63

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# San Francisco

TABLE 1  
OVERVIEW OF THE SAN FRANCISCO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Francisco	\$119,887,607,000	\$76,729,336,000	\$43,650,905,000	777,487

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Francisco	\$83,062,698	\$105,606,807	\$48,392,680	\$22,863,802	\$6,026,086	559

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN FRANCISCO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Francisco County	Direct	Indirect	Induced	Total
Total Output	\$83,062,698	\$13,049,405	\$9,494,704	\$105,606,807
Value Added	\$34,199,189	\$8,100,773	\$6,092,718	\$48,392,680
Employee Compensation	\$15,556,289	\$4,390,762	\$2,916,751	\$22,863,802
Employment	403	86	71	559
State and Local Taxes				\$6,026,086

Note: Any differences due to rounding.

TABLE 4  
 SAN FRANCISCO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$4,421	\$2,289	0
21	Mining	\$18,989	\$230	0
22	Utilities	\$840,458	\$167,450	1
23	Construction	\$325,729	\$121,105	2
31-33	Manufacturing	\$3,255,617	\$644,634	18
42	Wholesale Trade	\$5,164,898	\$1,673,618	25
44-45	Retail Trade	\$8,885,219	\$3,153,484	88
48-49	Transportation and Warehousing	\$1,550,842	\$623,054	15
51	Information	\$2,943,795	\$582,517	7
52	Finance and Insurance	\$8,612,406	\$2,975,145	29
53	Real Estate and Rental and Leasing	\$4,312,417	\$534,966	19
54	Professional, Scientific, and Technical Services	\$3,827,921	\$1,363,272	30
55	Management of Companies and Enterprises	\$779,164	\$370,403	4
56	Administrative and Support	\$1,700,054	\$787,317	21
61	Educational Services	\$1,461,307	\$851,763	24
62	Health Care and Social Assistance	\$10,955,418	\$5,486,292	113
71	Arts, Entertainment, and Recreation	\$1,239,234	\$434,071	20
72	Accommodation and Food Services	\$5,870,111	\$2,067,673	95
81	Other Services (except Public Administration)	\$4,152,936	\$1,732,949	73
92	Public Administration	\$13,717,959	\$622,780	8

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# San Joaquin

TABLE 1  
OVERVIEW OF THE SAN JOAQUIN COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Joaquin	\$32,733,864,000	\$17,869,626,000	\$9,760,581,000	280,991

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Joaquin	\$95,298,530	\$126,706,505	\$54,961,239	\$24,742,589	\$7,837,380	875

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN JOAQUIN COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Joaquin County	Direct	Indirect	Induced	Total
Total Output	\$95,298,530	\$15,201,326	\$16,206,649	\$126,706,505
Value Added	\$36,655,753	\$8,491,071	\$9,814,415	\$54,961,239
Employee Compensation	\$16,050,007	\$4,217,486	\$4,475,096	\$24,742,589
Employment	581	136	158	875
State and Local Taxes				\$7,837,380

Note: Any differences due to rounding.

TABLE 4  
 SAN JOAQUIN COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,129,514	\$154,555	9
21	Mining	\$48,286	\$7,175	0
22	Utilities	\$653,613	\$182,395	3
23	Construction	\$624,249	\$200,718	5
31-33	Manufacturing	\$5,169,594	\$789,534	16
42	Wholesale Trade	\$4,485,180	\$1,587,214	32
44-45	Retail Trade	\$11,907,971	\$4,184,226	170
48-49	Transportation and Warehousing	\$1,988,791	\$847,009	21
51	Information	\$2,924,475	\$481,991	9
52	Finance and Insurance	\$8,232,865	\$2,063,572	46
53	Real Estate and Rental and Leasing	\$5,599,330	\$510,791	35
54	Professional, Scientific, and Technical Services	\$2,906,624	\$1,128,698	27
55	Management of Companies and Enterprises	\$895,115	\$375,384	6
56	Administrative and Support	\$2,047,840	\$855,340	41
61	Educational Services	\$1,213,250	\$629,362	28
62	Health Care and Social Assistance	\$13,654,385	\$6,467,057	179
71	Arts, Entertainment, and Recreation	\$1,291,899	\$446,866	19
72	Accommodation and Food Services	\$6,246,194	\$1,903,826	134
81	Other Services (except Public Administration)	\$4,528,317	\$1,412,686	88
92	Public Administration	\$15,002,301	\$514,190	10

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# San Luis Obispo

TABLE 1  
OVERVIEW OF THE SAN LUIS OBISPO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Luis Obispo	\$15,730,318,000	\$8,908,026,000	\$4,365,240,000	140,078

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Luis Obispo	\$84,625,718	\$110,373,109	\$46,473,277	\$19,053,007	\$6,557,480	755

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN LUIS OBISPO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Luis Obispo County	Direct	Indirect	Induced	Total
Total Output	\$84,625,718	\$12,854,778	\$12,892,613	\$110,373,109
Value Added	\$31,777,093	\$6,965,215	\$7,730,969	\$46,473,277
Employee Compensation	\$12,680,060	\$3,167,407	\$3,205,540	\$19,053,007
Employment	512	117	127	755
State and Local Taxes				\$6,557,480

Note: Any differences due to rounding.

TABLE 4  
 SAN LUIS OBISPO COUNTY SECTOR DISTRIBUTION OF ECONOMIC  
 BENEFITS CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$519,777	\$68,123	4
21	Mining	\$61,559	\$417	0
22	Utilities	\$2,649,645	\$563,015	4
23	Construction	\$558,301	\$152,993	5
31-33	Manufacturing	\$5,607,700	\$638,008	13
42	Wholesale Trade	\$2,627,176	\$888,188	21
44-45	Retail Trade	\$10,453,061	\$3,553,054	152
48-49	Transportation and Warehousing	\$1,856,231	\$587,758	18
51	Information	\$2,448,716	\$456,291	11
52	Finance and Insurance	\$5,572,442	\$1,431,288	33
53	Real Estate and Rental and Leasing	\$4,481,101	\$293,765	30
54	Professional, Scientific, and Technical Services	\$2,891,164	\$907,839	33
55	Management of Companies and Enterprises	\$543,526	\$223,239	4
56	Administrative and Support	\$1,758,039	\$612,799	33
61	Educational Services	\$553,478	\$188,790	21
62	Health Care and Social Assistance	\$10,887,203	\$4,744,609	144
71	Arts, Entertainment, and Recreation	\$887,657	\$244,077	24
72	Accommodation and Food Services	\$5,939,579	\$1,927,279	118
81	Other Services (except Public Administration)	\$3,917,958	\$1,164,565	82
92	Public Administration	\$13,140,334	\$406,910	6

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## San Mateo

TABLE 1  
OVERVIEW OF THE SAN MATEO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
San Mateo	\$82,967,160,000	\$48,228,154,000	\$27,508,896,000	498,960

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
San Mateo	\$129,899,619	\$168,289,340	\$75,905,716	\$34,218,742	\$10,308,794	911

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SAN MATEO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

San Mateo County	Direct	Indirect	Induced	Total
Total Output	\$129,899,619	\$19,632,134	\$18,757,587	\$168,289,340
Value Added	\$51,868,831	\$11,990,843	\$12,046,042	\$75,905,716
Employee Compensation	\$22,365,261	\$6,372,928	\$5,480,553	\$34,218,742
Employment	630	135	147	911
State and Local Taxes				\$10,308,794

Note: Any differences due to rounding.

TABLE 4  
 SAN MATEO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$201,106	\$53,772	2
21	Mining	\$91,249	\$368	0
22	Utilities	\$636,100	\$149,038	2
23	Construction	\$695,827	\$251,309	5
31-33	Manufacturing	\$6,497,093	\$1,393,403	14
42	Wholesale Trade	\$7,013,514	\$2,435,796	33
44-45	Retail Trade	\$16,130,083	\$5,137,747	191
48-49	Transportation and Warehousing	\$2,660,947	\$1,130,939	27
51	Information	\$3,704,473	\$798,720	12
52	Finance and Insurance	\$10,753,974	\$3,428,041	46
53	Real Estate and Rental and Leasing	\$6,788,089	\$572,326	39
54	Professional, Scientific, and Technical Services	\$5,369,271	\$2,150,968	42
55	Management of Companies and Enterprises	\$1,356,276	\$688,033	5
56	Administrative and Support	\$2,396,003	\$1,081,429	32
61	Educational Services	\$1,134,183	\$677,244	24
62	Health Care and Social Assistance	\$16,781,638	\$7,857,928	171
71	Arts, Entertainment, and Recreation	\$1,964,835	\$711,674	29
72	Accommodation and Food Services	\$8,127,193	\$2,861,424	136
81	Other Services (except Public Administration)	\$6,216,060	\$2,410,445	97
92	Public Administration	\$19,583,743	\$428,138	5

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Santa Barbara

TABLE 1  
OVERVIEW OF THE SANTA BARBARA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Santa Barbara	\$27,371,965,000	\$16,373,637,000	\$9,278,272,000	247,310

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Santa Barbara	\$86,509,223	\$116,819,261	\$52,511,976	\$24,033,728	\$7,063,830	773

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SANTA BARBARA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Santa Barbara County	Direct	Indirect	Induced	Total
Total Output	\$86,509,223	\$14,952,018	\$15,358,020	\$116,819,261
Value Added	\$34,602,472	\$8,485,257	\$9,424,247	\$52,511,976
Employee Compensation	\$15,314,120	\$4,354,577	\$4,365,031	\$24,033,728
Employment	508	125	140	773
State and Local Taxes				\$7,063,830

Note: Any differences due to rounding.

TABLE 4  
 SANTA BARBARA COUNTY SECTOR DISTRIBUTION OF ECONOMIC  
 BENEFITS CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$490,092	\$124,979	6
21	Mining	\$630,174	\$40,897	2
22	Utilities	\$1,063,887	\$173,303	3
23	Construction	\$559,172	\$185,246	5
31-33	Manufacturing	\$4,944,378	\$592,208	11
42	Wholesale Trade	\$3,906,020	\$1,332,175	25
44-45	Retail Trade	\$11,161,249	\$4,003,956	144
48-49	Transportation and Warehousing	\$1,586,990	\$616,132	19
51	Information	\$2,546,111	\$562,592	10
52	Finance and Insurance	\$8,218,805	\$2,606,834	39
53	Real Estate and Rental and Leasing	\$4,890,733	\$427,846	30
54	Professional, Scientific, and Technical Services	\$3,307,891	\$1,287,674	30
55	Management of Companies and Enterprises	\$940,658	\$426,455	5
56	Administrative and Support	\$1,937,430	\$812,978	35
61	Educational Services	\$1,248,699	\$649,555	25
62	Health Care and Social Assistance	\$12,476,639	\$5,811,926	153
71	Arts, Entertainment, and Recreation	\$1,235,986	\$428,782	24
72	Accommodation and Food Services	\$6,151,120	\$1,961,315	118
81	Other Services (except Public Administration)	\$4,361,458	\$1,520,930	83
92	Public Administration	\$13,846,833	\$467,945	9

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Santa Clara

TABLE 1  
OVERVIEW OF THE SANTA CLARA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Santa Clara	\$225,775,912,000	\$121,105,376,000	\$79,942,666,000	1,117,197

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Santa Clara	\$294,352,584	\$375,726,434	\$173,137,534	\$80,267,764	\$22,584,069	2,041

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SANTA CLARA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Santa Clara County	Direct	Indirect	Induced	Total
Total Output	\$294,352,584	\$44,974,193	\$36,399,657	\$375,726,434
Value Added	\$122,319,803	\$27,323,212	\$23,494,519	\$173,137,534
Employee Compensation	\$54,806,199	\$14,447,220	\$11,014,345	\$80,267,764
Employment	1,468	292	280	2,041
State and Local Taxes				\$22,584,069

Note: Any differences due to rounding.

TABLE 4  
 SANTA CLARA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$574,701	\$142,167	7
21	Mining	\$366,087	\$2,564	1
22	Utilities	\$7,549,864	\$158,556	3
23	Construction	\$1,484,485	\$576,246	11
31-33	Manufacturing	\$13,922,921	\$2,603,936	33
42	Wholesale Trade	\$14,922,723	\$5,414,309	57
44-45	Retail Trade	\$33,195,502	\$12,076,752	421
48-49	Transportation and Warehousing	\$4,792,081	\$1,941,070	43
51	Information	\$9,815,547	\$1,818,459	29
52	Finance and Insurance	\$20,419,884	\$6,419,266	90
53	Real Estate and Rental and Leasing	\$14,931,779	\$1,434,124	80
54	Professional, Scientific, and Technical Services	\$11,281,968	\$5,588,343	72
55	Management of Companies and Enterprises	\$2,903,841	\$1,504,684	10
56	Administrative and Support	\$5,265,602	\$2,475,683	76
61	Educational Services	\$5,392,331	\$3,572,602	80
62	Health Care and Social Assistance	\$41,741,481	\$20,589,653	399
71	Arts, Entertainment, and Recreation	\$4,462,640	\$1,709,421	67
72	Accommodation and Food Services	\$17,929,198	\$6,326,862	317
81	Other Services (except Public Administration)	\$13,599,370	\$4,729,962	233
92	Public Administration	\$43,894,673	\$1,183,105	14

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Santa Cruz

TABLE 1  
OVERVIEW OF THE SANTA CRUZ COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Santa Cruz	\$15,776,570,000	\$9,213,247,000	\$4,747,012,000	139,415

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Santa Cruz	\$70,578,324	\$91,054,422	\$38,840,050	\$16,455,309	\$5,529,371	607

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SANTA CRUZ COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Santa Cruz County	Direct	Indirect	Induced	Total
Total Output	\$70,578,324	\$10,101,976	\$10,374,122	\$91,054,422
Value Added	\$26,785,284	\$5,695,529	\$6,359,237	\$38,840,050
Employee Compensation	\$11,070,104	\$2,661,796	\$2,723,409	\$16,455,309
Employment	418	88	101	607
State and Local Taxes				\$5,529,371

Note: Any differences due to rounding.

TABLE 4  
 SANTA CRUZ COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$396,580	\$114,350	6
21	Mining	\$2,203	\$38	0
22	Utilities	\$571,712	\$69,041	1
23	Construction	\$446,647	\$113,603	4
31-33	Manufacturing	\$3,122,989	\$499,610	8
42	Wholesale Trade	\$3,932,637	\$1,250,941	25
44-45	Retail Trade	\$8,386,258	\$2,932,827	111
48-49	Transportation and Warehousing	\$1,214,260	\$372,132	14
51	Information	\$1,592,701	\$310,991	6
52	Finance and Insurance	\$4,888,538	\$1,151,177	30
53	Real Estate and Rental and Leasing	\$3,523,902	\$187,437	22
54	Professional, Scientific, and Technical Services	\$2,357,058	\$752,748	24
55	Management of Companies and Enterprises	\$757,455	\$377,451	3
56	Administrative and Support	\$1,241,757	\$432,299	22
61	Educational Services	\$595,983	\$289,559	17
62	Health Care and Social Assistance	\$9,312,857	\$4,173,216	118
71	Arts, Entertainment, and Recreation	\$1,080,078	\$336,256	23
72	Accommodation and Food Services	\$4,902,993	\$1,567,977	96
81	Other Services (except Public Administration)	\$3,536,922	\$1,006,698	70
92	Public Administration	\$11,392,005	\$516,958	8

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Shasta

TABLE 1  
OVERVIEW OF THE SHASTA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Shasta	\$9,111,535,000	\$5,223,596,000	\$2,747,115,000	88,137

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Shasta	\$42,173,355	\$56,222,426	\$24,547,474	\$10,722,972	\$3,419,210	414

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SHASTA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Shasta County	Direct	Indirect	Induced	Total
Total Output	\$42,173,355	\$6,605,793	\$7,443,278	\$56,222,426
Value Added	\$16,317,217	\$3,681,265	\$4,548,992	\$24,547,474
Employee Compensation	\$6,960,267	\$1,746,749	\$2,015,956	\$10,722,972
Employment	272	65	77	414
State and Local Taxes				\$3,419,210

Note: Any differences due to rounding.

TABLE 4  
 SHASTA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$107,453	\$42,144	2
21	Mining	\$69,498	\$167	0
22	Utilities	\$368,811	\$60,960	1
23	Construction	\$289,842	\$79,264	3
31-33	Manufacturing	\$1,147,498	\$134,064	3
42	Wholesale Trade	\$1,505,990	\$497,356	12
44-45	Retail Trade	\$5,565,702	\$1,949,740	81
48-49	Transportation and Warehousing	\$853,525	\$323,183	8
51	Information	\$1,216,992	\$250,336	5
52	Finance and Insurance	\$3,937,442	\$937,049	25
53	Real Estate and Rental and Leasing	\$2,449,118	\$168,267	17
54	Professional, Scientific, and Technical Services	\$1,335,514	\$448,194	16
55	Management of Companies and Enterprises	\$343,397	\$150,470	2
56	Administrative and Support	\$826,953	\$314,806	19
61	Educational Services	\$430,452	\$192,767	12
62	Health Care and Social Assistance	\$6,722,315	\$3,033,875	86
71	Arts, Entertainment, and Recreation	\$461,030	\$163,137	10
72	Accommodation and Food Services	\$2,956,989	\$896,985	63
81	Other Services (except Public Administration)	\$1,971,862	\$653,778	44
92	Public Administration	\$7,520,595	\$426,430	6

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Sierra

TABLE 1  
OVERVIEW OF THE SIERRA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Sierra	\$85,969,000	\$55,405,000	\$33,313,000	990

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sierra	\$1,306,025	\$1,352,603	\$265,018	\$68,986	\$40,604	3

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SIERRA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sierra County	Direct	Indirect	Induced	Total
Total Output	\$1,306,025	\$27,818	\$18,760	\$1,352,603
Value Added	\$238,571	\$14,339	\$12,108	\$265,018
Employee Compensation	\$60,023	\$5,685	\$3,278	\$68,986
Employment	3	0	0	3
State and Local Taxes				\$40,604

Note: Any differences due to rounding.

TABLE 4  
SIERRA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$2,131	\$166	0
21	Mining	\$196	\$0	0
22	Utilities	\$0	\$0	0
23	Construction	\$3,880	\$616	0
31-33	Manufacturing	\$585	\$107	0
42	Wholesale Trade	\$579	\$197	0
44-45	Retail Trade	\$37,497	\$12,363	1
48-49	Transportation and Warehousing	\$6,248	\$1,432	0
51	Information	\$19,552	\$3,561	0
52	Finance and Insurance	\$14,875	\$2,797	0
53	Real Estate and Rental and Leasing	\$14,333	\$0	0
54	Professional, Scientific, and Technical Services	\$2,903	\$827	0
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$3,497	\$269	0
61	Educational Services	\$2,630	\$0	0
62	Health Care and Social Assistance	\$38,236	\$20,024	1
71	Arts, Entertainment, and Recreation	\$7,016	\$1,170	0
72	Accommodation and Food Services	\$50,078	\$14,816	1
81	Other Services (except Public Administration)	\$20,793	\$6,966	1
92	Public Administration	\$182,566	\$3,675	0

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Siskiyou

TABLE 1  
OVERVIEW OF THE SISKIYOU COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Siskiyou	\$1,877,910,000	\$1,124,863,000	\$552,619,000	19,157

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Siskiyou	\$15,138,538	\$17,649,299	\$6,240,610	\$2,313,903	\$901,816	111

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SISKIYOU COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Siskiyou County	Direct	Indirect	Induced	Total
Total Output	\$15,138,538	\$1,228,537	\$1,282,224	\$17,649,299
Value Added	\$4,723,910	\$713,705	\$802,995	\$6,240,610
Employee Compensation	\$1,727,969	\$281,475	\$304,459	\$2,313,903
Employment	85	13	14	111
State and Local Taxes				\$901,816

Note: Any differences due to rounding.

TABLE 4  
 SISKIYOU COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$78,161	\$8,820	0
21	Mining	\$16,097	\$415	0
22	Utilities	\$123,942	\$28,100	0
23	Construction	\$71,617	\$12,448	1
31-33	Manufacturing	\$84,101	\$21,341	0
42	Wholesale Trade	\$235,700	\$64,348	2
44-45	Retail Trade	\$1,385,209	\$469,563	22
48-49	Transportation and Warehousing	\$249,023	\$71,808	3
51	Information	\$315,429	\$39,984	1
52	Finance and Insurance	\$470,394	\$110,300	3
53	Real Estate and Rental and Leasing	\$670,834	\$48,634	4
54	Professional, Scientific, and Technical Services	\$284,506	\$63,145	4
55	Management of Companies and Enterprises	\$82,477	\$35,306	1
56	Administrative and Support	\$142,649	\$41,618	4
61	Educational Services	\$37,454	\$15,413	1
62	Health Care and Social Assistance	\$1,694,611	\$717,854	24
71	Arts, Entertainment, and Recreation	\$176,034	\$52,042	4
72	Accommodation and Food Services	\$985,190	\$282,728	22
81	Other Services (except Public Administration)	\$524,615	\$148,382	14
92	Public Administration	\$2,292,608	\$81,654	2

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Solano

TABLE 1  
OVERVIEW OF THE SOLANO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Solano	\$21,590,585,000	\$11,816,786,000	\$6,969,714,000	166,582

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Solano	\$60,164,002	\$76,728,711	\$31,679,051	\$14,260,218	\$4,731,682	484

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SOLANO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Solano County	Direct	Indirect	Induced	Total
Total Output	\$60,164,002	\$8,323,037	\$8,241,672	\$76,728,711
Value Added	\$22,179,674	\$4,506,799	\$4,992,578	\$31,679,051
Employee Compensation	\$9,714,077	\$2,273,288	\$2,272,853	\$14,260,218
Employment	335	72	77	484
State and Local Taxes				\$4,731,682

Note: Any differences due to rounding.

TABLE 4  
 SOLANO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$300,379	\$42,732	2
21	Mining	\$21,913	\$3,237	0
22	Utilities	\$638,904	\$141,390	1
23	Construction	\$364,262	\$141,713	3
31-33	Manufacturing	\$3,733,985	\$420,108	6
42	Wholesale Trade	\$2,422,369	\$874,613	16
44-45	Retail Trade	\$7,402,107	\$2,708,430	101
48-49	Transportation and Warehousing	\$1,140,355	\$473,807	11
51	Information	\$1,234,841	\$228,041	5
52	Finance and Insurance	\$4,718,561	\$1,131,414	27
53	Real Estate and Rental and Leasing	\$3,110,990	\$309,569	20
54	Professional, Scientific, and Technical Services	\$1,123,808	\$358,961	13
55	Management of Companies and Enterprises	\$471,290	\$203,593	3
56	Administrative and Support	\$1,115,958	\$486,629	20
61	Educational Services	\$586,123	\$289,065	13
62	Health Care and Social Assistance	\$7,217,038	\$3,604,913	85
71	Arts, Entertainment, and Recreation	\$685,801	\$245,841	14
72	Accommodation and Food Services	\$3,822,078	\$1,188,160	80
81	Other Services (except Public Administration)	\$2,736,931	\$1,046,928	55
92	Public Administration	\$9,468,227	\$361,074	8

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Sonoma

TABLE 1  
OVERVIEW OF THE SONOMA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Sonoma	\$31,768,605,000	\$17,751,816,000	\$9,608,844,000	261,985

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sonoma	\$115,640,275	\$158,129,301	\$71,427,790	\$32,124,933	\$9,568,046	1,081

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SONOMA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sonoma County	Direct	Indirect	Induced	Total
Total Output	\$115,640,275	\$20,549,664	\$21,939,362	\$158,129,301
Value Added	\$46,437,885	\$11,541,356	\$13,448,549	\$71,427,790
Employee Compensation	\$20,286,189	\$5,731,773	\$6,106,971	\$32,124,933
Employment	698	177	205	1,081
State and Local Taxes				\$9,568,046

Note: Any differences due to rounding.

TABLE 4  
SONOMA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,183,082	\$239,811	14
21	Mining	\$178,133	\$29,565	0
22	Utilities	\$358,053	\$123,611	1
23	Construction	\$782,115	\$238,077	6
31-33	Manufacturing	\$6,859,606	\$1,337,370	25
42	Wholesale Trade	\$5,519,383	\$1,853,116	35
44-45	Retail Trade	\$14,400,840	\$5,163,414	193
48-49	Transportation and Warehousing	\$2,021,179	\$912,055	21
51	Information	\$4,456,794	\$799,131	15
52	Finance and Insurance	\$12,176,828	\$3,390,240	66
53	Real Estate and Rental and Leasing	\$6,481,816	\$421,673	41
54	Professional, Scientific, and Technical Services	\$4,693,387	\$1,450,588	50
55	Management of Companies and Enterprises	\$871,101	\$372,723	6
56	Administrative and Support	\$2,402,868	\$1,031,536	39
61	Educational Services	\$1,045,851	\$510,124	29
62	Health Care and Social Assistance	\$18,157,388	\$8,341,579	212
71	Arts, Entertainment, and Recreation	\$1,975,545	\$607,278	46
72	Accommodation and Food Services	\$8,358,940	\$2,706,635	163
81	Other Services (except Public Administration)	\$5,757,000	\$1,971,598	109
92	Public Administration	\$18,737,037	\$624,809	9

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

## Stanislaus

TABLE 1  
OVERVIEW OF THE STANISLAUS COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Stanislaus	\$27,484,796,000	\$14,092,237,000	\$7,427,586,000	220,660

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Stanislaus	\$83,354,836	\$109,134,347	\$46,344,829	\$20,668,980	\$6,500,362	755

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
STANISLAUS COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Stanislaus County	Direct	Indirect	Induced	Total
Total Output	\$83,354,836	\$12,459,947	\$13,319,564	\$109,134,347
Value Added	\$31,385,331	\$6,850,962	\$8,108,536	\$46,344,829
Employee Compensation	\$13,635,390	\$3,371,922	\$3,661,668	\$20,668,980
Employment	506	115	134	755
State and Local Taxes				\$6,500,362

Note: Any differences due to rounding.

TABLE 4  
 STANISLAUS COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$1,497,855	\$148,540	11
21	Mining	\$23,003	\$29	0
22	Utilities	\$767,807	\$105,106	2
23	Construction	\$550,987	\$189,361	5
31-33	Manufacturing	\$3,909,031	\$635,033	13
42	Wholesale Trade	\$3,005,420	\$1,076,486	22
44-45	Retail Trade	\$10,531,887	\$3,739,161	151
48-49	Transportation and Warehousing	\$1,693,887	\$548,047	18
51	Information	\$2,202,843	\$405,614	11
52	Finance and Insurance	\$4,814,929	\$1,327,102	28
53	Real Estate and Rental and Leasing	\$4,467,206	\$355,298	28
54	Professional, Scientific, and Technical Services	\$2,377,821	\$820,837	27
55	Management of Companies and Enterprises	\$702,873	\$322,575	4
56	Administrative and Support	\$1,737,434	\$741,855	34
61	Educational Services	\$435,232	\$185,309	13
62	Health Care and Social Assistance	\$12,899,648	\$6,118,682	159
71	Arts, Entertainment, and Recreation	\$675,186	\$227,545	16
72	Accommodation and Food Services	\$5,432,988	\$1,654,082	119
81	Other Services (except Public Administration)	\$4,147,620	\$1,419,662	86
92	Public Administration	\$14,071,362	\$648,656	8

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

## Sutter

TABLE 1  
OVERVIEW OF THE SUTTER COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Sutter	\$4,067,592,000	\$2,361,358,000	\$996,268,000	38,718

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Sutter	\$20,503,495	\$25,112,564	\$10,021,913	\$3,846,054	\$1,498,553	166

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
SUTTER COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Sutter County	Direct	Indirect	Induced	Total
Total Output	\$20,503,495	\$2,218,067	\$2,391,002	\$25,112,564
Value Added	\$7,231,071	\$1,283,904	\$1,506,938	\$10,021,913
Employee Compensation	\$2,742,228	\$518,404	\$585,422	\$3,846,054
Employment	119	22	25	166
State and Local Taxes				\$1,498,553

Note: Any differences due to rounding.

TABLE 4  
 SUTTER COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$122,066	\$20,205	1
21	Mining	\$25,331	\$3,056	0
22	Utilities	\$127,220	\$30,012	0
23	Construction	\$119,017	\$30,114	1
31-33	Manufacturing	\$145,076	\$30,487	1
42	Wholesale Trade	\$1,115,241	\$383,345	7
44-45	Retail Trade	\$2,378,414	\$820,301	34
48-49	Transportation and Warehousing	\$311,401	\$73,534	4
51	Information	\$561,160	\$72,045	1
52	Finance and Insurance	\$986,225	\$180,580	7
53	Real Estate and Rental and Leasing	\$1,038,347	\$61,975	7
54	Professional, Scientific, and Technical Services	\$500,002	\$130,067	6
55	Management of Companies and Enterprises	\$115,313	\$46,827	1
56	Administrative and Support	\$310,427	\$102,258	6
61	Educational Services	\$152,236	\$70,304	5
62	Health Care and Social Assistance	\$2,460,234	\$1,050,467	33
71	Arts, Entertainment, and Recreation	\$135,138	\$35,974	4
72	Accommodation and Food Services	\$1,177,323	\$345,593	26
81	Other Services (except Public Administration)	\$953,473	\$275,936	22
92	Public Administration	\$3,124,347	\$82,974	2

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Tehama

TABLE 1  
OVERVIEW OF THE TEHAMA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Tehama	\$2,207,370,000	\$1,213,530,000	\$638,181,000	21,144

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Tehama	\$9,761,859	\$11,073,060	\$3,614,378	\$1,444,502	\$531,887	61

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
TEHAMA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Tehama County	Direct	Indirect	Induced	Total
Total Output	\$9,761,859	\$634,574	\$676,627	\$11,073,060
Value Added	\$2,833,869	\$357,095	\$423,414	\$3,614,378
Employee Compensation	\$1,116,936	\$153,921	\$173,645	\$1,444,502
Employment	48	7	7	61
State and Local Taxes				\$531,887

Note: Any differences due to rounding.

TABLE 4  
 TEHAMA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$49,615	\$5,950	0
21	Mining	\$29,181	\$8	0
22	Utilities	\$69,437	\$15,977	0
23	Construction	\$41,348	\$9,832	0
31-33	Manufacturing	\$64,623	\$11,884	0
42	Wholesale Trade	\$79,617	\$24,753	1
44-45	Retail Trade	\$960,395	\$354,780	13
48-49	Transportation and Warehousing	\$172,619	\$65,587	1
51	Information	\$71,822	\$13,467	0
52	Finance and Insurance	\$334,004	\$62,895	3
53	Real Estate and Rental and Leasing	\$267,129	\$21,776	2
54	Professional, Scientific, and Technical Services	\$126,349	\$29,909	1
55	Management of Companies and Enterprises	\$26,812	\$9,802	0
56	Administrative and Support	\$118,808	\$27,223	3
61	Educational Services	\$34,150	\$18,126	1
62	Health Care and Social Assistance	\$985,779	\$448,881	15
71	Arts, Entertainment, and Recreation	\$51,418	\$11,479	1
72	Accommodation and Food Services	\$482,928	\$143,098	11
81	Other Services (except Public Administration)	\$354,941	\$126,140	8
92	Public Administration	\$1,425,078	\$42,935	1

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Trinity

TABLE 1  
OVERVIEW OF THE TRINITY COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Trinity	\$361,369,000	\$214,394,000	\$116,244,000	3,799

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Trinity	\$4,064,076	\$4,316,786	\$1,049,383	\$309,337	\$151,783	17

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
TRINITY COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Trinity County	Direct	Indirect	Induced	Total
Total Output	\$4,064,076	\$137,013	\$115,697	\$4,316,786
Value Added	\$913,708	\$64,337	\$71,338	\$1,049,383
Employee Compensation	\$257,988	\$29,321	\$22,028	\$309,337
Employment	16	1	1	17
State and Local Taxes				\$151,783

Note: Any differences due to rounding.

TABLE 4  
 TRINITY COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$9,992	\$205	0
21	Mining	\$7	\$2	0
22	Utilities	\$1,507	\$610	0
23	Construction	\$15,373	\$3,368	0
31-33	Manufacturing	\$77,120	\$8,758	0
42	Wholesale Trade	\$1,973	\$672	0
44-45	Retail Trade	\$199,291	\$60,241	3
48-49	Transportation and Warehousing	\$21,876	\$7,590	0
51	Information	\$53,289	\$10,362	0
52	Finance and Insurance	\$67,243	\$14,081	1
53	Real Estate and Rental and Leasing	\$29,548	\$646	0
54	Professional, Scientific, and Technical Services	\$28,489	\$7,715	0
55	Management of Companies and Enterprises	\$0	\$0	0
56	Administrative and Support	\$9,094	\$1,439	0
61	Educational Services	\$17,247	\$0	1
62	Health Care and Social Assistance	\$184,520	\$73,258	3
71	Arts, Entertainment, and Recreation	\$42,757	\$11,401	1
72	Accommodation and Food Services	\$174,373	\$50,562	4
81	Other Services (except Public Administration)	\$110,285	\$24,262	3
92	Public Administration	\$632,518	\$34,165	0

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Tulare

TABLE 1  
OVERVIEW OF THE TULARE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Tulare	\$18,377,106,000	\$9,358,577,000	\$5,126,688,000	180,605

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Tulare	\$69,091,504	\$83,840,629	\$30,410,017	\$12,301,446	\$4,544,312	515

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
TULARE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Tulare County	Direct	Indirect	Induced	Total
Total Output	\$69,091,504	\$7,783,476	\$6,965,649	\$83,840,629
Value Added	\$22,075,924	\$4,108,662	\$4,225,431	\$30,410,017
Employee Compensation	\$8,483,665	\$2,079,906	\$1,737,875	\$12,301,446
Employment	364	79	72	515
State and Local Taxes				\$4,544,312

Note: Any differences due to rounding.

TABLE 4  
TULARE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$873,700	\$117,676	7
21	Mining	\$25,051	\$1,592	0
22	Utilities	\$995,957	\$172,324	2
23	Construction	\$355,826	\$100,938	3
31-33	Manufacturing	\$1,659,621	\$264,269	5
42	Wholesale Trade	\$2,481,521	\$713,393	19
44-45	Retail Trade	\$7,530,030	\$2,647,572	111
48-49	Transportation and Warehousing	\$1,201,914	\$379,632	14
51	Information	\$1,546,899	\$277,312	6
52	Finance and Insurance	\$4,939,321	\$1,183,523	30
53	Real Estate and Rental and Leasing	\$2,014,248	\$160,201	15
54	Professional, Scientific, and Technical Services	\$1,227,801	\$327,315	15
55	Management of Companies and Enterprises	\$432,934	\$168,669	4
56	Administrative and Support	\$934,049	\$354,756	22
61	Educational Services	\$417,845	\$214,264	9
62	Health Care and Social Assistance	\$5,987,053	\$2,610,410	91
71	Arts, Entertainment, and Recreation	\$367,747	\$119,182	8
72	Accommodation and Food Services	\$3,626,221	\$1,094,201	80
81	Other Services (except Public Administration)	\$2,705,048	\$992,456	70
92	Public Administration	\$10,644,666	\$401,761	7

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Tuolumne

TABLE 1  
OVERVIEW OF THE TUOLUMNE COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Tuolumne	\$2,076,610,000	\$1,280,867,000	\$697,908,000	22,252

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Tuolumne	\$19,384,761	\$22,941,418	\$8,216,825	\$3,246,215	\$1,233,443	139

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
TUOLUMNE COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Tuolumne County	Direct	Indirect	Induced	Total
Total Output	\$19,384,761	\$1,850,607	\$1,706,050	\$22,941,418
Value Added	\$6,142,494	\$1,015,322	\$1,059,009	\$8,216,825
Employee Compensation	\$2,367,381	\$455,851	\$422,983	\$3,246,215
Employment	103	18	18	139
State and Local Taxes				\$1,233,443

Note: Any differences due to rounding.

TABLE 4  
 TUOLUMNE COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$115,752	\$8,931	0
21	Mining	\$14,551	\$132	0
22	Utilities	\$206,714	\$45,970	0
23	Construction	\$110,582	\$27,831	1
31-33	Manufacturing	\$315,961	\$59,902	1
42	Wholesale Trade	\$237,681	\$79,787	2
44-45	Retail Trade	\$2,116,568	\$773,149	30
48-49	Transportation and Warehousing	\$248,610	\$74,635	3
51	Information	\$525,703	\$119,907	2
52	Finance and Insurance	\$665,013	\$171,038	5
53	Real Estate and Rental and Leasing	\$891,886	\$60,329	6
54	Professional, Scientific, and Technical Services	\$392,789	\$133,917	5
55	Management of Companies and Enterprises	\$58,277	\$27,136	0
56	Administrative and Support	\$202,933	\$53,116	3
61	Educational Services	\$105,927	\$39,653	4
62	Health Care and Social Assistance	\$1,654,823	\$752,341	22
71	Arts, Entertainment, and Recreation	\$277,048	\$81,660	7
72	Accommodation and Food Services	\$1,244,056	\$361,598	28
81	Other Services (except Public Administration)	\$872,663	\$281,337	17
92	Public Administration	\$2,930,791	\$93,846	2

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Ventura

TABLE 1  
OVERVIEW OF THE VENTURA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Ventura	\$55,393,673,000	\$31,039,798,000	\$17,427,878,000	403,235

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Ventura	\$165,034,050	\$217,160,520	\$95,263,444	\$43,204,286	\$13,953,199	1,391

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
VENTURA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Ventura County	Direct	Indirect	Induced	Total
Total Output	\$165,034,050	\$26,307,853	\$25,818,617	\$217,160,520
Value Added	\$63,903,560	\$15,268,512	\$16,091,372	\$95,263,444
Employee Compensation	\$27,892,699	\$7,972,097	\$7,339,490	\$43,204,286
Employment	938	216	237	1,391
State and Local Taxes				\$13,953,199

Note: Any differences due to rounding.

TABLE 4  
 VENTURA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS  
 CREATED BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$833,010	\$228,599	12
21	Mining	\$374,509	\$57,413	1
22	Utilities	\$2,226,263	\$370,374	5
23	Construction	\$961,918	\$329,801	8
31-33	Manufacturing	\$9,258,171	\$1,646,059	26
42	Wholesale Trade	\$10,350,473	\$3,695,386	50
44-45	Retail Trade	\$20,868,986	\$7,392,384	295
48-49	Transportation and Warehousing	\$2,726,174	\$1,117,759	28
51	Information	\$4,507,725	\$999,215	16
52	Finance and Insurance	\$14,135,528	\$4,680,886	69
53	Real Estate and Rental and Leasing	\$8,433,551	\$744,130	50
54	Professional, Scientific, and Technical Services	\$5,359,065	\$1,911,169	50
55	Management of Companies and Enterprises	\$1,688,430	\$721,323	11
56	Administrative and Support	\$3,548,391	\$1,519,203	62
61	Educational Services	\$1,620,005	\$818,884	37
62	Health Care and Social Assistance	\$19,165,525	\$8,851,459	233
71	Arts, Entertainment, and Recreation	\$1,893,515	\$676,837	42
72	Accommodation and Food Services	\$10,890,995	\$3,569,295	218
81	Other Services (except Public Administration)	\$7,951,362	\$2,758,550	159
92	Public Administration	\$26,018,364	\$1,115,560	21

Note: Model adjusts for intra-county trade.  
 Any differences due to rounding.

# Yolo

TABLE 1  
OVERVIEW OF THE YOLO COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Yolo	\$12,374,291,000	\$7,560,420,000	\$4,726,892,000	110,610

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Yolo	\$30,533,766	\$37,359,888	\$14,644,172	\$6,497,598	\$2,139,953	220

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
YOLO COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Yolo County	Direct	Indirect	Induced	Total
Total Output	\$30,533,766	\$3,913,123	\$2,912,999	\$37,359,888
Value Added	\$10,631,454	\$2,216,939	\$1,795,779	\$14,644,172
Employee Compensation	\$4,498,448	\$1,189,754	\$809,396	\$6,497,598
Employment	161	32	27	220
State and Local Taxes				\$2,139,953

Note: Any differences due to rounding.

TABLE 4  
YOLO COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED  
BY CalSTRS BENEFIT PAYMENTS

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$120,526	\$21,333	1
21	Mining	\$32,799	\$311	0
22	Utilities	\$93,343	\$19,223	0
23	Construction	\$162,560	\$65,520	1
31-33	Manufacturing	\$1,010,964	\$152,438	2
42	Wholesale Trade	\$1,781,521	\$606,164	12
44-45	Retail Trade	\$3,071,838	\$1,100,458	42
48-49	Transportation and Warehousing	\$501,265	\$218,491	5
51	Information	\$692,592	\$148,515	3
52	Finance and Insurance	\$1,959,991	\$464,774	11
53	Real Estate and Rental and Leasing	\$1,426,551	\$178,055	9
54	Professional, Scientific, and Technical Services	\$733,728	\$280,351	7
55	Management of Companies and Enterprises	\$270,069	\$119,076	2
56	Administrative and Support	\$407,126	\$139,026	7
61	Educational Services	\$195,580	\$74,776	6
62	Health Care and Social Assistance	\$3,070,108	\$1,407,756	40
71	Arts, Entertainment, and Recreation	\$227,732	\$90,637	6
72	Accommodation and Food Services	\$1,804,835	\$572,375	39
81	Other Services (except Public Administration)	\$1,232,505	\$555,525	24
92	Public Administration	\$4,874,789	\$282,794	4

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.

# Yuba

TABLE 1  
OVERVIEW OF THE YUBA COUNTY ECONOMY

County	Total Output	Value Added	Employee Compensation	Employment
Yuba	\$2,471,007,000	\$1,616,414,000	\$1,040,335,000	25,342

Note: Data based on 2004 U.S. Bureau of Labor Statistics Data ( ES-202 Report).

TABLE 2  
SUMMARY OF ECONOMIC BENEFITS  
RESULTING FROM CalSTRS BENEFIT PAYMENTS

County	Benefit Payment	Total Output	Value Added	Employee Compensation	State and Local Government Taxes	Employment
Yuba	\$7,952,596	\$8,847,523	\$2,821,625	\$1,166,124	\$414,385	41

Note: State and Local Government Taxes show only tax generation, not distribution to local government.  
Any differences due to rounding.

TABLE 3  
YUBA COUNTY GENERATION OF ECONOMIC BENEFITS  
FROM CalSTRS BENEFIT PAYMENTS

Yuba County	Direct	Indirect	Induced	Total
Total Output	\$7,952,596	\$445,223	\$449,704	\$8,847,523
Value Added	\$2,291,292	\$245,627	\$284,706	\$2,821,625
Employee Compensation	\$922,578	\$122,211	\$121,335	\$1,166,124
Employment	34	4	4	41
State and Local Taxes				\$414,385

Note: Any differences due to rounding.

**TABLE 4**  
**YUBA COUNTY SECTOR DISTRIBUTION OF ECONOMIC BENEFITS CREATED**  
**BY CalSTRS BENEFIT PAYMENTS**

NAICS Sector	Sector Name	Total Output	Employee Compensation	Employment
11	Agriculture, Forestry, Fishing and Hunting	\$38,025	\$5,463	0
21	Mining	\$534	\$40	0
22	Utilities	\$7,114	\$1,845	0
23	Construction	\$34,631	\$9,996	0
31-33	Manufacturing	\$105,100	\$13,288	0
42	Wholesale Trade	\$218,737	\$74,426	1
44-45	Retail Trade	\$548,541	\$189,754	8
48-49	Transportation and Warehousing	\$119,437	\$39,300	1
51	Information	\$128,542	\$28,558	1
52	Finance and Insurance	\$213,441	\$46,960	1
53	Real Estate and Rental and Leasing	\$178,116	\$22,812	1
54	Professional, Scientific, and Technical Services	\$118,061	\$47,338	1
55	Management of Companies and Enterprises	\$1,689	\$608	0
56	Administrative and Support	\$60,079	\$15,596	1
61	Educational Services	\$12,745	\$8,120	0
62	Health Care and Social Assistance	\$878,251	\$432,908	9
71	Arts, Entertainment, and Recreation	\$43,478	\$13,827	1
72	Accommodation and Food Services	\$323,222	\$93,660	8
81	Other Services (except Public Administration)	\$206,510	\$55,439	5
92	Public Administration	\$1,192,087	\$66,186	3

Note: Model adjusts for intra-county trade.  
Any differences due to rounding.