



Comprehensive Annual Financial Report A Component Unit of the State of California, June 30, 2004



# your voice; our commitment

CalSTRS is listening to our members' opinions and ideas through focus groups, questionnaires, surveys, e-mails and phone calls. Comments, suggestions and complaints are forwarded to the appropriate staff to review for improvements to our processes, policies and behavior.

As part of CalSTRS commitment to its members, we have selected four organizational outcomes to help guide our decisions. They are now part of CalSTRS culture. Each new project must show it supports one or more outcome before it is approved. The four outcomes are:

Rock Solid: A financially sound, respected investment portfolio

Trusted Guide: Members well prepared for a secure and rewarding future

No Surprises: Timely, accurate and understandable payments the first time, every time

One and Done: Correct, consistent, complete and compassionate responses to every inquiry



California State Teachers' Retirement System

# Comprehensive annual Financial Report

For fiscal year ended June 30, 2004 A Component Unit of the State of California

Prepared by the staff of the California State Teachers' Retirement System 7667 Folsom Boulevard Sacramento, CA 95826 800.228.5453 www.calstrs.com

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# Award: GFOA Certificate





December 20, 2004

California State Teachers' Retirement System Post Office Box 15275 Sacramento, CA 95851-0275



I am pleased to present the Comprehensive Annual Financial Report of the California State Teachers' Retirement System for the fiscal year ended June 30, 2004.

CalSTRS is one of the nation's oldest teacher pension systems, beginning in the earliest days of employers' concern for the welfare of the employees and their retirement. Over the years, great advances have been made in improved benefits and services to our members. Those advances continue as we actively seek our members' opinions on how we can serve them better. Our

commitment to fulfilling our mission, "securing the financial future and sustaining the trust of California's educators," depends on listening to our members. Therefore, we have established the Voice of the Customer Program. This initiative ensures we hear from our members through focus groups and surveys so we can meet their financial retirement needs. Throughout this report are examples of the feedback we have received and our commitment to our customers.

The 2004 CAFR contains the following sections:

The *introductory section* includes this letter of transmittal, administrative organization details and a review of CalSTRS activities.

The *financial section* includes the report of the independent auditor, the Management's Discussion and Analysis, the system's financial statements and supplemental information for the State Teachers' Retirement Plan and CalSTRS Voluntary Investment Program.

The *investment section* contains a consultant's report summarizing investment activity. It also contains an explanation of investment policy, portfolio performance information and various investment schedules for the State Teachers' Retirement Plan, including investment of the Defined Benefit Supplement and Cash Balance Benefit programs contributions. Investment information is not included for the CalSTRS Voluntary Investment Program since all investments are member-directed into mutual funds.

The *actuarial section* includes the actuary's certification letters and summaries for the CalSTRS Defined Benefit, Defined Benefit Supplement and Cash Balance Benefit programs, in addition to the results of the latest actuarial valuations.

The *statistical section* includes information on the CalSTRS Defined Benefit Program, Defined Benefit Supplement Program, Cash Balance Benefit Program and CalSTRS Voluntary Investment Program.

Responsibility for both the accuracy and completeness of the financial data and the fairness of the presentation rests with me and the management of CalSTRS.

CalSTRS members, as of June 30, 2004, included employees of approximately 1,200 school districts, community college districts, county offices of education and regional occupational programs (listed starting on page 92).

## **Financial**

The basic financial statements have been prepared in accordance with generally accepted accounting principles applied on a consistent basis as promulgated by the Governmental Accounting Standards Board and its predecessor, the National Council on Governmental Accounting. The Management's Discussion and Analysis provides a narrative introduction, overview, and analysis to accompany the basic financial statements. This Letter of Transmittal is designed to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately following the report of the independent auditors.

#### **Investments**

The CalSTRS investment portfolio has fully recovered from the 2000-02 bear market and Internet/high tech bubble. In fiscal year 2003-04 the investment portfolio generated a spectacular 17.4 percent investment return and hit an all-time high of \$116 billion, exceeding the previous high set in mid-2000. Diversification and strategic rebalancing of the portfolio helped CalSTRS recover faster than most state pension plans and institutional investors.

Fiscal year 2003–04 saw an investment market divided into two distinct periods. The first half of the year, July to December 2003, the U.S. and Non-U.S. equity market climbed in value. However, during the second half of the year, the market traded sideways as uncertainty built. CalSTRS' diversification across industry sectors and different types of investments produced a lower risk and higher return portfolio.

# **Funding**

The most recent actuarial valuation, as of June 30, 2003, shows that the Defined Benefit Program has an unfunded actuarial obligation of \$23.1 billion, having 82 percent of the funds needed to pay the cost of the benefit plan in effect on June 30, 2003. Under California state law, the Defined Benefit Program receives contributions from members and employers set at a percentage of the member's earnings plus state General Fund contributions from the fiscal year ending in the prior calendar year (see page 20). The cost of administering the State Teachers' Retirement Plan is financed through the investment earnings of the plan.

#### **Award**

The Government Finance Officers Association of the United States and Canada awarded a Certificate of Achievement for Excellence in Financial Reporting to the California State Teachers' Retirement System for its comprehensive annual financial report for the year ended June 30, 2003. This was the ninth consecutive year that CalSTRS has achieved this prestigious award.

In order to be awarded the Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements. A Certificate of Achievement is valid for a period of one year only. We believe our current report continues to meet the Certificate of Achievement Program requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

**Asset Allocation** as of June 30, 2004 Total investment portfolio of \$116.2 billion





your voice;

"I hope this survey indicates a renewed commitment to customer service."

our commitment

CalSTRS is dedicated to delivering great customer service; not just doing things right, but doing the right things. Our annual survey identifies weak areas. Corrections are made before the next survey so we can measure our continued improvements.

# **Acknowledgments**

The compilation of this comprehensive annual financial report reflects the combined effort of CalSTRS staff under the leadership of the Teachers' Retirement Board. I commend their efforts on creating another outstanding report. In addition, I take this opportunity to express my gratitude to the staff, advisors and the many other people and organizations who have worked so diligently to assure the successful operation of the California State Teachers' Retirement System.

Respectfully submitted,

Jack Ehnes

Chief Executive Officer

# Teachers' Retirement Board as of June 30, 2004



Gary Lynes Chairperson K-12 Classroom Teacher Term: 1/1/04 - 12/31/07



Carolyn A. Widener
Vice Chairperson
Community College Instructor
Term: 1/1/04 - 12/31/07



Phil Angelides
State Treasurer
Ex-Officio Member



Donna Arduin Director of Finance Ex-Officio Member



Mark Battey
Public Representative
Term: 3/1/04 - 12/31/07



Dana Dillon
K-12 Classroom Teacher
Term: 1/1/04 - 12/31/07



Jim Gray Governing Board Representative Desert Community College Board of Trustees Term: 3/1/04 - 12/31/07



Gloria Hom Retiree Representative *Term: 3/1/04 - 12/31/07* 



Jack O'Connell Superintendent of Public Instruction Ex-Officio Member



Miguel Pulido Public Representative Term: 3/1/04 - 12/31/05



Kathleen Smalley Public Representative Term: 3/1/04 - 12/31/06



Steve Westly State Controller Ex-Officio Member

# Current Executive Staff



Christopher Waddell General Counsel **Christopher J. Ailman** Chief Investment Officer

Jack Ehnes Chief Executive Officer Ed Derman
Deputy Chief Executive Officer
Plan Design and Communication

Christine Ford
Deputy Chief Executive Officer
Administration

Peggy Plett
Deputy Chief Executive Officer
Benefits and Services

Janice Hanson
Acting Deputy Chief Executive Officer
Enterprise Initiatives and Technology

# Professional Services

CalSTRS contracts for the services of various independent consultants essential to the effective and professional operation of the system. Milliman provides actuarial services and the independent auditor is Macias Gini & Company LLP. Lists of investment professionals for investment services and other consultants are provided on Schedules IV and V in the financial section of the report. A partial list of independent consultants is shown.

- Cambridge Associates LLC
- Hogan and Hartson
- Liebman & Associates
- Milliman
- Thomas/Ferrous



# Year in Review

# Membership

Membership in the CalSTRS Defined Benefit Program includes California public school employees, kindergarten through community college, who teach, are involved in the selection and preparation of instructional materials, or are supervising persons engaged in those activities.

Membership is in effect as long as the contributions remain on deposit with the program.

Members are employed in approximately 1,200 public school districts, community college districts, county offices of education and state reporting entities in California. The CalSTRS Defined Benefit Program includes service retirement, benefits for survivors and disability benefits.

A beneficiary of a retired member who has elected a joint and survivor option receives a continuing lifetime allowance upon the retired member's death.

As of June 30, 2004, there were a total of 444,680 active, 116,128 inactive members and 193,245 retired members, disability and survivor benefit recipients. The combined total of members and benefit recipients equals 754,053, an increase of 19,090 from the previous fiscal year.

(The financial statements, presented in the financial section, contain Defined Benefit Program membership data as of June 30, 2003, due to the timing of the independent auditor's report.)

# **Benefits to Members and Benefit Recipients**

# Service Retirement

CalSTRS is committed to providing exceptional service to its retiring members in keeping with the System's values. The staff provides timely and accurate payments and information about application and benefit payment processes.

In 2003–04 we saw a 9 percent increase in the number of applications submitted over the previous year. Of the 12,301 members who retired, 99 percent received their first month's payment within 30 days following the effective date of their retirement.

# Survivor Benefits

CalSTRS received 6,131 survivor benefits applications, which is an increase of 4 percent over last year. Of the applications received, 100 percent were processed within the 45-day legislative standard and 95 percent were processed within 30 days from the receipt of the last required documentation.

## Disability

CalSTRS received 839 disability applications during the 2003-04 fiscal year.

With a strong commitment to member service, the Initial Review Team processed 97.2 percent of all applications within six months from the date of receipt.

The work of the Continuing Qualifications and Vocational Rehabilitation programs resulted in an annual savings of nearly \$1.5 million to CalSTRS.



your voice;

"I had multiple questions and my
e-mail inquiry was answered through a telephone
call to my home. It was the only way to answer
all my questions. Thank you."

our commitment

CalSTRS uses multiple touch points to reach members to inform, educate and answer questions about their retirement, disability and survivor benefits: biannual newsletter, Member Handbook, financial education workshops, benefit counselors, Web site, e-mail and by telephone.

# Services to Members and Beneficiaries

#### Customer Service

Call Center staff answered 254,390 calls and the CalSTRS automated attendant telephone system received 29,477 inquiries. The automated interactive telephone system, allowing members to hear account-specific information, received 49,962 calls. CalSTRS is proud of the fact that 98 percent of the incoming telephone calls were answered in the initial call, thus avoiding the need to call the member back. Eighty-six percent of all calls were answered within three minutes or less and 70 percent were answered within one minute or less.

The Correspondence Center received 2,120 pieces of mailed correspondence and 25,927 e-mails from members and other interested parties. Average response rates were 52 percent of correspondence completed within three business days and 80 percent of e-mails answered within one business day.

#### **Member Communication**

CalSTRS communicates twice a year with members and beneficiaries through the *CalSTRS Connections* and the *Retired Educator* newsletters.

*CalSTRS Connections* is mailed in spring and fall to active and inactive members. Issues contain helpful information on financial education, retirement planning, legislative summaries and articles concerning educators.

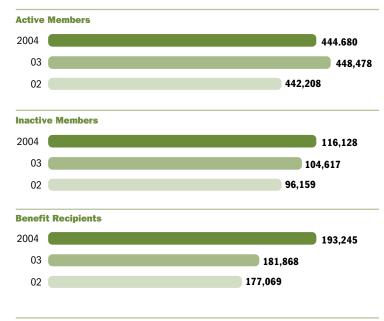
The *Retired Educator* is mailed in summer and winter to inform retired members and benefit recipients of matters of special interest to them.

The *Member Handbook* explains all CalSTRS programs. The handbook and single-topic brochures are mailed upon request, given to members during personal interviews, viewed or ordered from our Web site and made available to employers. CalSTRS also mails the *Welcome to CalSTRS* brochure to newly hired educators.

## Web Site

The CalSTRS Web site, www.calstrs.com, provides information for members, employers and CalSTRS business partners. Our Web site includes many useful features such as online calculators, which allow members to estimate their retirement benefit and calculate the cost to purchase service credit and to redeposit funds; financial education and workshop information; and a secure site for employers to provide county and school district personnel with pertinent information.

When visiting the CalSTRS Web site, CalSTRS members can register for a secure, online service called *my*CalSTRS. This tool gives members access to personal account information.





# Benefits Counseling

Personal retirement counseling was provided to 37,021 members at over 30 locations throughout California. In addition, 1,916 members chose an alternative to a face-to-face appointment with a benefits counselor and received retirement counseling through a telephone appointment. Counseling gives members the opportunity to work toward completing their retirement planning.

#### Workshops

CalSTRS presented 546 workshops to 16,789 members. Twenty-seven workshops included customized content designed specifically for members in the beginning or middle of their careers covering basic benefit information, advantages of early retirement planning and managing one's finances. The remaining workshops included content designed for members nearing retirement, covering detailed benefit information, working after retirement and the retirement process. Workshops allow members to have direct contact with staff who answer their questions.

# **Optional Member Programs**

# Cash Balance Benefit Program

The Cash Balance Benefit Program is a defined benefit plan that is optional to school districts, community college districts and county offices of education. Employees are eligible to participate when their employer offers the Cash Balance Benefit Program if they are hired to perform creditable service for less than 50 percent of the full-time equivalent for the position unless the employee also performs creditable service full-time in another position.

# Voluntary Investment Program

The VIP is CalSTRS' 403(b) program and is available to certificated or classified employees of any California school district, office of education or community college district. The VIP is a 403(b)(7) plan, which allows employees to invest pre-tax earnings in mutual funds as optional retirement savings.

# Services to Employers, Member and Client Organizations

Two committees meet regularly to provide a forum for active participation in the formation of CalSTRS policies and procedures in areas of information dissemination, benefit plan administration, and service to members and beneficiaries. The Employer Advisory Committee is composed of county and district employer representatives and CalSTRS staff. The Client Advisory Committee includes CalSTRS staff and members of various organizations representing CalSTRS members and benefit recipients. Since reaching consensus with the two committees on legislative proposals and policy issues is important to the Teachers' Retirement Board, CalSTRS employees schedule special meetings with both committees to work closely on plan design and other crucial member and employer issues.

Annually, CalSTRS staff hosts an Employer Symposium, giving county and district representatives an opportunity to hear from program specialists, exchange information, ask questions, and to discuss CalSTRS processes, laws and policies.

CalSTRS staff also conducts field visits to individual counties and school districts. These visits provide specific information to the employer regarding CalSTRS' data reporting process and staff discusses the use of the Remote Employer Access Program. This program allows the employer direct access to the CalSTRS database for verification and review of the member's service and contribution records, thereby improving the accuracy and timeliness of the reporting process.

# Rock Solid: A financially sound, respected investment portfolio

your voice;

"CalSTRS needs to have the investment portfolio online.

I don't want to invest in cigarette companies and other corporations that violate what schools teach against."

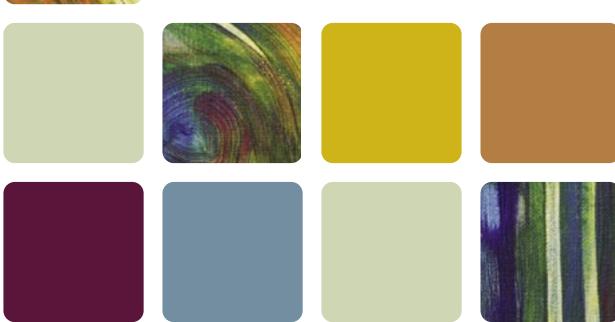
#### our commitment

The index portfolio is benchmarked to the Russell 1000 ex-Tobacco Index. CalSTRS' online investment portfolio lists all holdings by asset category.

As of June 30, 2004, the investment portfolio generated a spectacular 17.4 percent investment return and hit an all-time high of \$116 billion. Diversification and strategic rebalancing of the portfolio helped CalSTRS recover faster than most state pension plans and institutional investors.



# Financial



# Financial

# California State Teachers' Retirement System

(A component unit of the State of California)

Independent Auditor's Report, Financial Statements, Required Supplementary Information, and Supplemental Information

For the year ended June 30, 2004



3000 S Street, Ste. 300 Sacramento, California 95816 916.928.4600 PHONE 916.928.2755 FAX

#### INDEPENDENT AUDITOR'S REPORT

To the Teachers' Retirement Board of the California State Teachers' Retirement System Sacramento, California

We have audited the accompanying statement of fiduciary net assets of the California State Teachers' Retirement System (the System), a component unit of the State of California, as of June 30, 2004, and the related statement of changes in fiduciary net assets for the year then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audit. We did not audit the financial statements of the System's Voluntary Investment Program, which statements reflect total net assets and total additions to net assets of less than one percent of the related combined totals as of June 30, 2004, and for the year then ended. Those statements were audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to the amounts included for the Voluntary Investment Program, is based solely on the report of the other auditors. The prior year summarized comparative information has been derived from the System's 2003 financial statements which were audited by other auditors whose report dated December 9, 2003, expressed an unqualified opinion on those statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit and the report of other auditors provide a reasonable basis for our opinion.

In our opinion, based on our audit and the report of other auditors, the financial statements referred to above present fairly, in all material respects, the fiduciary net assets of the California State Teachers' Retirement System as of June 30, 2004, and the changes in fiduciary net assets for the year then ended in conformity with the accounting principles generally accepted in the United States of America.

As discussed in Note 1, based on the most recent actuarial valuation as of June 30, 2003, the System's independent actuaries determined that, at June 30, 2003, the value of the Defined Benefit Program's actuarial accrued obligation exceeded the actuarial value of its assets by \$23.1 billion.

In accordance with Government Auditing Standards, we have issued our report dated September 24, 2004, on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations and contracts and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

The Management's Discussion and Analysis on pages 12 through 15, the Schedule of Funding Progress on page 30 and the Schedule of Employer Contributions and Other Contributing Entities on pages 31 through 32 are not a required part of the basic financial statements, but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming an opinion on the basic financial statements. The introductory section, other supplemental information in the financial section and the investments, actuarial and statistical sections are presented for purposes of additional analysis and are not a required part of the basic financial statements. The other supplemental information in the financial section has been subjected to the auditing procedures applied by us and the other auditors in the audit of the basic financial statements and, in our opinion, based on our audit and the report of other auditors is fairly stated in all material respects in relation to the basic financial statements taken as a whole. The introductory, investments, actuarial and statistical sections have not been subjected to auditing procedures applied in the audit of the basic financials statements and, accordingly, we express no opinion on them.

Marier Lini + Compring LLP
Certified Public Accountants

Sacramento, California September 24, 2004

# California State Teachers' Retirement System Management's Discussion and Analysis

# MANAGEMENT DISCUSSION AND ANALYSIS

This Management Discussion and Analysis (MD&A) of the California State Teachers' Retirement System's (System) financial performance provides an overview of the System's financial activities for the fiscal year ended June 30, 2004. The MD&A is designed to focus on the current year's activities, resulting changes and currently known facts. We encourage you to read it in conjunction with the System's financial statements and notes to the financial statements.

The System is primarily responsible for administering retirement, disability, survivor and health benefits, as well as administering a supplemental retirement savings plan for California public school teachers and certain other employees of the state's public school system. The System is comprised of a total of four fiduciary funds:

- 1. Teachers' Retirement Fund (TRF)
- 2. Voluntary Investment Program (VIP)
- 3. Teachers' Health Benefits Fund (THBF)
- 4. Teachers' Replacement Benefits Program Fund (TRBPF)

## FINANCIAL HIGHLIGHTS

- Net assets increased by \$15.7 billion or 16% to \$116 billion.
- Net investment income totaled \$16.6 billion, an increase of \$12.9 billion over last year.
- As of June 30, 2003, the most recent actuarial valuation, the System's Defined Benefit Program was funded at 82%, compared to a funding level of 98% as of June 30, 2001.
- Total contributions decreased by \$264.2 million or 5%.
- The State's statutory General Fund contribution to the Supplemental Benefit Maintenance Account payment was reduced by \$500 million for the 2003-2004 year.
- Benefit payments increased by \$598.8 million or 12% to \$5.6 billion.
- Refund of contributions increased by \$5.9 million or 7% to \$88.9 million.
- The Medicare Premium Payment Program premiums paid for members were \$25.6 million.

#### **OVERVIEW OF FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the System's financial statements. The System's financial statements are comprised of the following components: (1) fund financial statements (2) notes to the financial statements (3) required supplementary information and (4) other supplemental information.

**Fund financial statements.** The statement of fiduciary net assets presents information on all of the System's assets and liabilities, with the difference between the two reported as net assets. Over time, the increase or decrease in net assets serves as a useful indicator of the health of the System's financial position. The statement of changes in fiduciary net assets shows how the System's net assets changed during the fiscal year.

**Notes to the financial statements.** The financial statement notes provide additional information that is essential to a full understanding of the data provided in the fund financial statements. Information available in the notes to the financial statements is described below.

# California State Teachers' Retirement System Management's Discussion and Analysis

- Note 1 provides a general description of the System, as well as a concise description of each of the funds administered by the System.
- Note 2 provides a summary of significant accounting policies, including the basis of accounting
  for the System, management's use of estimates, cash and investment accounting policies and
  other significant accounting policies.
- Note 3 describes investments, including custodial credit risk categorizations, investing authority and other significant investment information.
- Note 4 generally describes potential contingencies of the System.
- Note 5 provides a summary of significant commitments incurred by the System.
- Note 6 provides a summary of new accounting pronouncements.

**Required supplementary information.** The required supplementary information consists of two schedules and related notes on the defined benefit pension plans' funding progress and history of contributions from employers and other contributing entities. These schedules provide historical information that assists in understanding the funded status of the System over time.

Other supplemental information. Included in the other supplemental information is detailed information on administrative expenses, investment expenses and consultant and professional services expenses.

#### FINANCIAL ANALYSIS

**Teachers' Retirement Fund (TRF).** The Teachers' Retirement Fund is an employee benefit trust fund created to administer the State Teachers' Retirement Plan (STRP). The STRP is a defined benefit pension plan which provides for retirement, disability and survivor benefits. The STRP is comprised of three programs: Defined Benefit (DB) Program, Defined Benefit Supplement (DBS) Program and the Cash Balance (CB) Benefit Program.

The STRP net assets increased 16% during the fiscal year, from \$100.4 billion in 2003 to \$116.1 billion as of June 30, 2004. Investments, excluding securities lending collateral, increased by \$16.1 billion or 16% to \$117.4 billion at June 30, 2004. At June 30, 2004, STRP held \$75.6 billion in U.S. and international equity securities, an increase of \$15.9 billion or 27% from fiscal 2003. At June 30, 2004, STRP also held \$28.4 billion in U.S. and International debt securities, an increase of \$0.3 billion or 1% from fiscal 2003. Remaining holdings in alternative investments, real estate and short-term investments were \$13.3 billion at June 30, 2004, an increase of \$26 million from fiscal 2003. Net appreciation on investments totaled \$13.8 billion compared to \$0.7 billion in fiscal 2003 an increase of \$13.1 billion.

# California State Teachers' Retirement System

# Management's Discussion and Analysis

N	FT	ASS	FI	S

Dollars in Thousands) ASSETS	2004	2003	Percent Change
Investments 1	\$134,373,050	\$115,555,214	16%
Cash and Cash Equivalents	186,878	160,677	16%
Receivables	1,837,139	2,289,723	(20)%
Other	1,716	1,357	26%
TOTAL ASSETS	\$136,398,783	\$118,006,971	15%
LIABILITIES			
Benefits in Process of Payment	\$ 511,375	\$ 464,868	10%
Investment Settlement	1,399,443	1,308,387	6%
Real Estate Leverage Program Obligation	921,889	1,018,953	(9)%
Other Liabilities	493,481	475,582	3%
Securities Lending Obligation	17,011,306	14,366,853	18%
TOTAL LIABILITIES	\$ 20,337,494	\$ 17,634,643	15%
TOTAL NET ASSETS	\$116,061,289	\$100,372,328	15%

Includes securities lending collateral.

STRP benefits are funded by employer, member and State contributions, and by investment earnings. Member contributions increased by \$116 million or 5% while employer contributions increased by \$79 million or 4%. State contributions decreased by \$466 million or 46% to \$549 million. The decrease in State contributions resulted from the State reduction of the Supplemental Benefit Maintenance Account contribution pursuant to Chapter 6, First Extraordinary Session Statutes of 2003. The STRP experienced a net investment gain of \$16.6 billion in fiscal 2004 compared with \$3.7 billion in fiscal 2003.

# **CHANGES IN NET ASSETS**

16,605,271 21,411,715 5,545,531 82,456 94,767 5,722,754	3,688,183 8,765,245 4,950,115 79,513 72,749 5,102,377	350% 144% 12% 3% 30% 12%
16,605,271 21,411,715 5,545,531 82,456	8,765,245 4,950,115 79,513	350% 144% 12% 3%
16,605,271 21,411,715 5,545,531	8,765,245 4,950,115	350% 144% 12%
16,605,271 21,411,715	8,765,245	350% 144%
16,605,271		350%
16,605,271		350%
	3,688,183	
548,686	1,014,992	(45)%
2,047,448	1,967,974	4%
\$2,210,310	\$2,094,096	5%
2004	2003	Percent Change
	\$2,210,310	\$2,210,310 \$2,094,096

# California State Teachers' Retirement System

# Management's Discussion and Analysis

Deductions for the year totaled \$5.7 billion. Growth in the number of new retirees increased benefit payments to \$5.5 billion, an increase of \$595 million or 12% over the prior year. Refund of contributions in fiscal 2004 increased \$2.9 million or 3% to \$82.4 million. Administrative expenses in fiscal 2004 increased \$22.0 million or 30% to \$94.8 million.

The most recent actuarial valuation for the fiscal year ended June 30, 2003, indicates that the DB Program is underfunded, with 82% of the funds needed to pay the actuarial obligation of the benefits accrued as of June 30, 2003. This is a decrease of 16% from the 98% funded status estimated in the June 30, 2001 actuarial valuation. The amount by which the DB Program actuarial obligation exceeded actuarial assets was \$23.1 billion at June 30, 2003. The decrease in funding status in fiscal 2003 is mainly attributable to the investment return being less than the assumed return of 8.0%, changes in actuarial assumptions, and total teacher payroll increases that were in excess of the assumed rate of 4.25%. The findings of the most recent actuarial valuation indicates that expected future revenue for the DB Program is expected to be insufficient to finance its obligations including amortization of the unfunded status over the next 30 years.

Voluntary Investment Program (VIP). The VIP is a tax-deferred defined contribution plan and meets the requirements of the Internal Revenue Code, Section 403(b). Administrative services are provided by CitiStreet, L.L.C. The VIP benefits are the sum of the contributions and investment earnings credited to the member's account at the time of retirement, disability or termination of employment. The VIP is designed to offer members an opportunity to supplement their pension benefits. The VIP's June 30, 2004 investments increased by \$20.9 million or 28% and net assets increased by \$20.4 million or 27%. Contributions by members in fiscal 2004 increased by \$2 million or 12% while investment gains in fiscal 2004 totaled \$9.8 million compared \$1.1 million in 2004, an increase of 825%. Deductions from the VIP increased by \$2.9 million or 49% to \$8.9 million primarily due to higher member withdraws.

**Teachers' Health Benefits Fund (THBF).** The THBF is an employee benefit trust fund created to administer health benefit programs for members of the California State Teachers' Retirement System. The Medicare Premium Payment Program is the only program within the fund. This program is designed to pay Medicare Part A premiums and surcharges and Part B surcharges for DB Program members meeting certain eligibility criteria. This program is funded on an as needed basis from current employer contributions, which increased by \$4.3 million or 19% to \$26.5 million during fiscal year 2004. Benefits of \$25.6 million were paid in fiscal year 2004. There were \$22.0 million in benefits paid in the prior year. The assets of the THBF are invested in the State of California's Surplus Money Investment Fund and earned \$41 thousand in interest income as of June 30, 2004.

**Teachers' Replacement Benefit Program Fund (TRBPF).** The TRBPF is a replacement pension benefit plan established to pay the portion of annual benefits that exceed the annual limitations under Section 415 of the Internal Revenue Code of 1986 (26 U.S.C. Section 415). This benefit program is funded from current employer contributions on an as needed basis. Contributions of approximately \$126 thousand were received and paid as benefits as of June 30, 2004.

#### REQUESTS FOR INFORMATION

This Financial Report is designed to provide a general overview of the System's finances. For questions concerning any information in this report or for additional information contact the California State Teachers' Retirement System, P.O. Box 15275, Sacramento, CA 95851-0275.

# California State Teachers' Retirement System Statement of Fiduciary Net Assets As of June 30, 2004 (with Comparative Totals as of June 30, 2003) (Dollars in Thousands)

	Teachers' Retirement	Retirement Investment		Teachers' Teachers' Health Replacement Benefits Benefit		e Totals
	Fund	Program	Fund	Program Fund	2004	2003
Assets						
Investments, at fair value:						
Short term	\$ 1,293,824	\$ 24,425	\$ 1,227	\$ -	\$ 1,319,476	\$ 2,501,507
Debt securities:						
Domestic	27,249,472	6,105	7-6		27,255,577	28,121,759
International	1,145,426	119	-	(¥-0	1,145,545	4,432
Equities:						
Domestic	49,618,988	58,870			49,677,858	40,150,724
International	26,006,277	5,581	1.5	350	26,011,858	19,643,454
Alternative	5,405,862	-	-	1.47	5,405,862	5,062,283
Real estate	6,641,895	-			6,641,895	5,779,431
Securities lending collateral	17,011,306	<u>ū</u>		12:	17,011,306	14,366,853
Total investments	134,373,050	95,100	1,227		134,469,377	115,630,443
Cash and cash equivalents	186,878		72	10	186,888	160,685
Receivables:						
Investments sold	369,721	=	12	*	369,721	942,089
Foreign currency contracts	550,861		74		550,861	380,596
Interest and dividends	384,020	18	13	-	384,051	375,751
Member, employer and						
other	532,537	523	972	(#)	534,032	592,449
Total receivables	1,837,139	541	985	- 2	1,838,665	2,290,885
Other assets	1,716	-		•	1,716	1,357
Total assets	136,398,783	95,641	2,212	10	136,496,646	118,083,370
Liabilities Payable for investments						
purchased Payable for foreign currency	842,445	4	-		842,445	931,081
contracts Benefits in process of	556,998	÷.	-		556,998	377,306
payment	511,375	+	3	10	511,388	464,970
Real estate leverage program obligation	921,889	ă		12:	921,889	1,018,953
Other liabilities	493,481	562	123	576	494,166	475,663
Securities lending obligation	17,011,306		-		17,011,306	14,366,853
Total liabilities	20,337,494	562	126	10	20,338,192	17,634,826
Net assets held in trust for pension benefits (a schedule of funding progress is presented in Schedule I)	\$ 116,061,289	\$ 95,079	\$ 2,086	\$ -	\$116,158,454	\$100,448,544

The accompanying notes are an integral part of these financial statements.

# California State Teachers' Retirement System Statement of Changes in Fiduciary Net Assets For the year ended June 30, 2004 (with Comparative Totals as of June 30, 2003) (Dollars in Thousands)

	Teachers' Retirement	Retirement Investment		Teachers' Replacement Benefit Program	Comparative Totals		
	Fund	Program	Fund	Fund	2004	2003	
Additions							
Contributions:							
Member	\$ 2,210,310	\$ 19,535	\$ -	\$ -	\$ 2,229,845	\$ 2,111,576	
Employer	2,047,448	-	26,496	126	2,074,070	1,990,263	
State of California	548,686		<u>_</u>	<b>19</b> 0	548,686	1,014,992	
Total contributions	4,806,444	19,535	26,496	126	4,852,601	5,116,831	
Investment income: Net appreciation in fair value of investments	13,790,935	8,627	ц	(4)	13,799,562	655,987	
Interest, dividends and other	2,830,297	1,127	41		2,831,465	3,049,444	
Securities lending income	225,252	-	-		225,252	260,814	
Less investment expenses:							
Cost of lending securities	(156,443)	-	-	(4)	(156,443)	(196,188)	
Other	(82,761)	-	- 2	2	(82,761)	(80,696)	
Net investment income	16,607,280	9,754	41	-	16,617,075	3,689,361	
Other (expense) income	(2,009)	-	8	-	(2,001)	(71)	
Total additions	21,411,715	29,289	26,545	126	21,467,675	8,806,121	
Deductions Retirement, disability, death and survivor benefits	5,322,030	1,617	25,648	126	5,349,421	4,740,359	
Purchasing power benefits Refunds of member	223,501	-			223,501	233,815	
contributions	82,456	6,440		120	88,896	82,991	
Administrative expenses	94,767	807	373	9	95,947	73,608	
Total deductions	5 ,722,754	8,864	26,021	126	5,757,765	5,130,773	
Net increase	15,688,961	20,425	524		15,709,910	3,675,348	
Net assets held in trust for pens	ion benefits						
Beginning of the year	100,372,328	74,654	1,562		100,448,544	96,773,196	
End of the year	\$116,061,289	\$ 95,079	\$ 2,086	\$ -	\$116,158,454	\$100,448,544	

# California State Teachers' Retirement System Notes to the Basic Financial Statements

# 1. Description of the System and Contribution Information

The California State Teachers' Retirement System (System) is the administrator of a cost-sharing multiple-employer pension plan, a tax-deferred defined contribution plan, the Medicare Premium Payment Program and the Replacement Benefits Program as described below. These plans and programs were established and administered by those sections of the State Education Code known as the Teachers' Retirement Law (Section 22000 et. seq.), as amended and enacted by the State of California (State) Legislature. The System is a component unit of the State due to its financial and operational relationship with the State. These financial statements include only the accounts of the System. The System's basic financial statements are included as a fiduciary fund in the financial statements of the State. The System provides pension benefits to California full-time and part-time public school teachers from preschool through grade fourteen and certain other employees of the public school system.

#### State Teachers' Retirement Plan (STRP)

The State Teachers' Retirement Plan (STRP) is comprised of three programs: the Defined Benefit Program (DB Program), the Defined Benefit Supplement Program (DBS Program) and the Cash Balance Benefit Program (CB Benefit Program). The assets of the STRP are held for the exclusive purpose of providing benefits to members and beneficiaries of the DB Program, the DBS Program and the CB Benefit Program and defraying reasonable expenses of administering the STRP and the System.

## STRP Defined Benefit Program (DB Program)

The DB Program is a defined benefit pension program. At June 30, 2004, there were approximately 1200 contributing employers (school districts, community college districts, county offices of education and regional occupational programs). The State is a non-employer contributor to the STRP. Membership is mandatory for all employees meeting certain statutory requirements, and optional for all other employees performing creditable service. At June 30, 2003, membership consisted of:

Active Members	
Vested	266,972
Nonvested	181,506
Inactive members	104,617
Retirees and benefit recipients	181,868
Total members, retirees and beneficiaries	734,963

Information as of June 30, 2004 will not be available prior to December 2004.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

The DB Program provides defined retirement benefits based on members' final compensation, age, and years of credited service. In addition, the retirement program provides benefits to members upon disability, and to survivors / beneficiaries upon the death of eligible members. Benefit provisions include:

- After five years of credited service, members become 100% vested in retirement benefits earned to date. Members are eligible for normal retirement at age 60. The normal retirement benefit is equal to 2% of final compensation for each year of credited service. Early retirement options are available at age 55 or as early as age 50 with 30 years of credited service. The age factor for retirements after age 60 increases with each quarter year of age to 2.4% at age 63 or older. Members who have 30 years or more of credited service shall receive an additional 0.2% of final compensation. In no event shall the total benefit factor exceed 2.4%.
- The System calculates retirement benefits based on a one-year final compensation for members who retire on or after January 1, 2001, with 25 or more years of credited service, or for classroom teachers with less than 25 years of credited service if the employer elects to pay the additional benefit cost. One-year final compensation means a member's highest average annual compensation earnable calculated by taking the creditable compensation that a member could earn in a school year while employed, if he or she were employed on a full-time basis, and if that person worked full time in that position during any period of 12 consecutive months. For all other members, final compensation is defined as the highest average annual compensation earned during any three consecutive years of credited service.
- Members who retire on or after January 1, 2001, and accumulate at least 30 years of credited service by January 1, 2011, will receive a longevity bonus.
- After five years of credited service, a member (prior to age 60 if under Coverage A, no age limit if under Coverage B, as defined in Education Code Sections 24001 and 24101, respectively) is eligible for disability benefits of up to 50% of final compensation plus 10% of final compensation for each eligible child, up to a maximum addition of 40%. The member must have a disability that will exceed a period of twelve or more months to qualify for a benefit.
- A family benefit is available if an active member died and had at least one year of credited service.
- Members' accumulated contributions are refundable with interest upon separation from the System. For the year ended June 30, 2004, the rate of interest credited to members' accounts is 2.5%.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

Purchasing power protection is provided to those benefit recipients whose purchasing power has been reduced below certain levels. The purchasing power protection is funded by a combination of School Lands Revenue and State General Fund (General Fund) contributions to the Supplemental Benefit Maintenance Account (SBMA). School Lands Revenue is appropriated pursuant to Public Resources Code Section 6217.5 from the use of school lands. The SBMA provides annual distributions (in quarterly payments) to retired and disabled members, and beneficiaries in order to restore purchasing power to a minimum of 80% of the initial monthly allowance. The annual contribution needed to meet the obligations of the purchasing power protection program on an actuarial basis has not been determined. The State is currently required to contribute 2.5 percent of prior fiscal year teacher payroll to fund the purchasing power protection program. However, for the fiscal year ended June 30, 2004, the State's contribution was reduced to \$58.9 million by special legislation. CalSTRS has taken legal action to compel the State to contribute the remaining amount (\$500 million) to CalSTRS for the purchasing power protection program for the fiscal year ended June 30, 2004.

## **Required Contributions**

Required member and employer contribution rates are set by the Teachers' Retirement Law. Required contribution rates are expressed as a level percentage of payroll using the entry age normal actuarial cost method. The System also uses the level percentage of payroll method to calculate the amortization of any unfunded liability.

A summary of statutory contribution rates and other sources of contributions to the DB Program is as follows:

Members

- 6% of applicable member earnings through December 31, 2010, increasing to 8% thereafter.

**Employers** 

- 8.25% of applicable member earnings.

State of California -

Beginning July 1, 1999, under Education Code Section 22955, the General Fund transferred annually to the DB Program an amount equal to 3.102% of total creditable earnings of the immediately preceding calendar year to fund certain benefit enhancements effective January 1, 1999. The enactment of Chapter 1021, Statutes of 2000 (AB 2700) provided for a reduction in such funding from the General Fund to a factor of 2.5385% beginning July 1, 2000. The funding was further reduced to 1.9750% beginning July 1, 2001, and effective through June 30, 2003. Beginning July 1, 2003, the rate increased to 2.017% of the member's creditable earnings from the fiscal year ending in the prior calendar year.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

Beginning October 1, 1998, a statutory contribution rate of 0.524%, adjustable annually in 0.25% increments up to a maximum of 1.505%, of the creditable earnings of the immediately preceding calendar year was established under Education Code Section 22955. This contribution is reduced to zero if there is no unfunded actuarial obligation and no normal cost deficit for benefit plans in place as of July 1, 1990. Although there was an unfunded obligation of \$23.1 billion as of the June 30, 2003 actuarial valuation, there was no normal cost deficit but there was an unfunded obligation for benefits in place as of July 1, 1990. Therefore the General Fund is required to contribute quarterly payments starting on October 1, 2004 at a contribution rate of 0.524%.

In their most recent actuarial valuation as of June 30, 2003, the System's independent actuaries determined that, at June 30, 2003, the value of the DB Program's actuarial accrued obligation exceeded the program's actuarial value of assets by \$23.1 billion. Based on this valuation, the current statutory contributions are equivalent to 17.384% of covered payroll and are sufficient to fund normal cost (16.838% of covered payroll) but not expected to be sufficient to amortize the unfunded actuarial obligation. While certain risks related to the global financial markets may affect the fair value of the System's investment portfolio, the System's management is continually evaluating the impact of market fluctuations on the assets of the DB Program. However, future estimates of the actuarial unfunded obligation may change due to market performance, legislative actions and other experience that may differ from the actuarial assumptions.

# STRP Defined Benefit Supplement Program (DBS Program)

The DBS Program, established pursuant to Chapter 74, Statutes of 2000 (AB 1509), is a defined benefit pension plan that operates within the STRP. All persons who were active members of the DB Program on or after January 1, 2001, are also members of the DBS Program.

Beginning January 1, 2001, for service in excess of one year of service credit within one fiscal year, the member contributions of 8% and employer contributions of 8% are credited to the members' nominal DBS Program accounts. Also, contributions for the compensation as a result of retirement incentives or limited term enhancements are credited to the members account. In addition, beginning January 1, 2001 and continuing through December 31, 2010, 2% of applicable member earnings for service less than or equal to one year of creditable service per fiscal year are credited to the members' nominal DBS Program accounts. Interest is credited to the nominal DBS Program accounts at the minimum guaranteed annual rate established by the Teacher's Retirement Board (Board) prior to each plan year, which was 5.25% for the year ended June 30, 2004. The Board may credit additional earnings to members' nominal accounts if actual investment earnings exceed the expected rate of return.

In the actuarial valuation of the DBS Program's assets and liabilities as of June 30, 2003, the System's independent actuaries determined that the actuarial obligation of the new DBS Program exceeded the actuarial value of assets by \$47.4 million. While certain risks related to the global financial markets may affect the fair value of the System's investment portfolio, the System's management is continually evaluating the impact of market fluctuations on the assets of the DBS Program. However, future estimates of the actuarial unfunded obligation may change due to market performance, legislative actions and other experience that may differ from the actuarial assumptions.

# California State Teachers' Retirement System

# Notes to the Basic Financial Statements

### STRP Cash Balance Benefit Program (CB Benefit Program)

The CB Benefit Program, established under Chapter 592, Statutes of 1995 and subsequently merged into the STRP by Chapter 1048, Statutes of 1998 (SB 2085), is a defined benefit pension plan. The CB Benefit Program is designed for employees of California's public schools who are hired to perform creditable service for less than 50% of the full-time equivalent for the position. Interest is credited to the nominal CB Benefit Program accounts at the minimum guaranteed annual rate established by the Board prior to each plan year, which was 5.25% for the year ended June 30, 2004. The Board may credit additional earnings to members' nominal accounts if actual investment earnings exceed the expected rate of return.

Participation in the CB Benefit Program is optional to school districts, community college districts, county offices of education, and regional occupational programs. A school district, community college district, county office of education, or regional occupational program may elect to offer the CB Benefit Program. Under such election, the program will automatically cover each eligible employee, unless the employee elects to participate in the DB Program or an alternative plan provided by the employer within 60 days of hire or the election period determined by the employer.

A summary of statutory contribution rates for the CB Benefit Program is as follows:

Participants - 4% of applicable participant earnings

Employers - 4% of applicable participant earnings

Employers may enter into a collective bargaining agreement to pay different rates if certain minimum conditions are met. At June 30, 2004, there were 28 contributing school districts and 18,181 contributing participants.

In their most recent actuarial valuation as of June 30, 2003, the System's independent actuaries determined that the actuarial obligation of the CB Benefit Program exceeded the actuarial value of assets by \$3.9 million. While certain risks related to the global financial markets may affect the fair value of the System's investment portfolio, the System's management is continually evaluating the impact of market fluctuations on the assets of the CB Benefit Program. However, future estimates of the actuarial unfunded obligation may change due to market performance, legislative actions and other experience that may differ from the actuarial assumptions.

#### Voluntary Investment Program (VIP)

The VIP (formerly STRS 403(b) Program) was established pursuant to Chapter 291, Statutes of 1994. Under the requirements of Internal Revenue Code (IRC) Section 403(b), the VIP is a tax-deferred defined contribution plan and is open to any employee from the state's school districts, community college districts, county offices of education and regional occupational programs. Contributions to the program are voluntary and are not subject to a minimum limitation; however, the IRC establishes a maximum amount that can be contributed annually. At June 30, 2004, there were 3,388 plan participants and 448 participating employers (school districts).

# California State Teachers' Retirement System

## Notes to the Basic Financial Statements

CitiStreet, L.L.C. provides administrative services to the VIP, including custody and record keeping services. The VIP's investments are comprised of the Share Account Manager, Mutual Fund Window account and Temp Cash Fund. The Share Account Manager invests in various mutual funds, including bond and stock funds. The Mutual Fund Window account allows plan participants to select and invest in certain domestic and international mutual funds. The Temp Cash Fund invests in various money market instruments.

# Teachers' Health Benefits Fund (THBF)

The THBF was established pursuant to Chapter 1032, Statutes of 2000 (SB 1435) to provide the Medicare Premium Payment Program to retired members of the DB Program. Funds from the THBF are used to pay Medicare Part A premiums for DB Program members who are retired or will retire prior to January 1, 2006, and who meet certain other eligibility criteria.

The THBF is funded as needed, from that portion of the monthly DB Program statutory employer contribution that exceeds the DB Program annual required contribution. Management believes the current source of THBF funding will be adequate to provide for the statutory THBF benefits. At June 30, 2004, there were 5,884 retirees participating in the THBF Medicare Premium Payment Program.

#### Teachers' Replacement Benefits Program Fund (TRBPF)

IRC Section 415(b) imposes a dollar limit on the annual retirement benefits an individual may receive from a qualified defined benefit pension plan. The TRBPF was established pursuant to Chapter 465, Statutes of 1999 (AB 819) and initially funded during the year ended June 30, 2001, to provide benefits to the members of the System whose defined benefit retirement benefit exceeds IRC limits.

The TRBPF is funded as needed. Monthly employer contributions are received by the TRBPF and paid to members in amounts "equivalent to" the benefits not paid as a result of IRC Section 415(b), subject to withholding for any applicable income or employment taxes. At June 30, 2004, there were six retirees participating in the TRBPF.

#### 2. Summary of Significant Accounting Policies

#### **Basis of Accounting**

The accounting records of the System are maintained on the accrual basis of accounting. Member contributions are recognized in the period in which the contributions are due. Employer and State contributions are recognized when due and the employer or State has made a formal commitment to provide the contributions. Benefits are recognized when due and payable in accordance with the System's retirement and benefits programs.

#### Use of Estimates in the Preparation of Financial Statements

The preparation of the System's financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain financial statement amounts and disclosures. Actual results could differ from those estimates.

#### Cash and Cash Equivalents

Cash and cash equivalents include cash on deposit and highly liquid financial instruments with original maturities of 90 days or less. Significant cash equivalents held by the System include repurchase agreements and foreign currency.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

#### **Investments**

The majority of the securities held in the investment portfolio at June 30, 2004, are in the custody of or controlled by State Street Bank, the System's master custodian. State statutes and Board policies allow investments consisting of government, corporate and international bonds, domestic and international equities, mutual funds, limited partnership holdings, real estate, mortgages, and other investments.

Investments are reported at fair value. The fair values of investments are generally based on published market prices and quotations from major investment firms. In the case of debt securities acquired through private placements, management, based on market yields, computes fair value and average maturity dates of comparable quoted securities. Mortgages are valued based on future principal and interest payments, and are discounted at prevailing interest rates for similar instruments. Real estate equity investment fair values are based on either recent estimates provided by the System's contract real estate advisors or independent appraisers. Short-term investments are reported at cost or amortized cost, which approximates fair value. Alternative investments represent interests in private equity partnerships in which the System enters under a limited partnership agreement. For alternative investments and other investments where no readily ascertainable market value exists, management, in consultation with their investment advisors, has determined the fair values for the individual investments.

The System presents, in the statement of changes in fiduciary net assets, the net appreciation (depreciation) in the fair value of its investments, which consists of the realized gains and losses and the unrealized appreciation and depreciation on those investments. Purchases and sales are recorded on the trade date. Interest income is recorded on the accrual basis. Dividends are recorded on the exdividend date.

There are certain market risks, credit risks, foreign currency exchange risks, and event risks which may subject the System to economic changes occurring in certain industries, sectors, or geographies.

## **Investment Risk Management**

The STRP enters into forward foreign currency exchange contracts for hedging purposes to minimize the short-term impact of foreign currency fluctuations on the asset positions of its foreign investments. The STRP also enters into futures contracts to minimize exposure to unfavorable fluctuations in the domestic equity markets. The futures contracts are financial instruments that derive their value from underlying indices. These hedging contracts are reported at fair value based on published market prices and quotations from major investment firms. The STRP could be exposed to risk if the counter-parties to the contracts are unable to meet the terms of their contracts. The STRP seeks to minimize risk from counter-parties by establishing minimum credit quality standards and maximum credit limits.

#### **Administrative Expenses**

The cost of administering the STRP is financed through the contributions and investment earnings that it receives. The VIP and the THBF reimburse the STRP for administrative services provided on their behalf.

# California State Teachers' Retirement System

#### Notes to the Basic Financial Statements

#### **Income Taxes**

The STRP, THBF, and TRBPF are organized as tax-exempt retirement or benefit plans under the IRC. The VIP is organized as a tax-deferred supplemental program under the IRC. The System's management believes that it has operated these funds and programs within the constraints imposed by federal tax law.

# **Investment Expenses**

Expenses directly associated with investment management have been included as other investment expenses. Indirect expenses have not been allocated.

#### **Securities Lending Transactions**

The System reports securities lent, the cash collateral held as assets, and the related liabilities resulting from securities lending transactions on the statement of fiduciary net assets. The System also reports the income and costs of lending securities as a component of investment income on the statement of changes in fiduciary net assets.

# 3. Cash, Cash Equivalents, and Investments

Cash held in the System's general operating accounts with the State Treasury was approximately \$255.2 million at June 30, 2004. These monies are pooled with the monies of other State agencies and invested by the State Treasurer's Office.

The System's investments are categorized below to give an indication of the category risk level assumed by the System at June 30, 2004, as defined by GASB Statement No. 3, Deposits with Financial Institutions, Investments (including Repurchase Agreements), and Reverse Repurchase Agreements. Category 1, the lowest risk, includes investments that are insured or registered or for which the securities are held by the System or its agent in the System's name. Category 2 includes uninsured and unregistered investments for which the securities are held by the counter-party's trust department or agent in the System's name. Category 3 includes uninsured and unregistered investments for which the securities are held by the counter-party or by its trust department or agent but not in the System's name. Investment pools managed by other governments, mutual funds, investments held by broker-dealers under securities loans, alternative investments and real estate equity investments are not categorized.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

Investment Type	Category	Category Rating Not Required	Fair Value	
Investments	-		A STATE OF THE STA	
Short-term investments				
Surplus Money Investment Fund	\$ -	\$ 256,442	\$ 256,442	
Short Term Investment Fund	-	875	875	
Certificates of deposit	99,000		99,000	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	348,000		348,000	
Commercial paper	51,895		51,895	
Treasury Bills				
Short-term agencies	538,839	-	538,839	
Debt securities	0.144.010		0.144.010	
Corporate obligations	8,144,818	-	8,144,818	
US Government and agency obligations	768,789		768,789	
International government and agency obligations	547,391		547,391	
Securitized obligations	2.22222			
Mortgage backed securities	9,230,924	12	9,230,924	
Collateralized mortgage backed securities	160,707	· · ·	160,707	
Asset backed securities	693,794	12	693,794	
Commercial mortgage backed securities	574,871	₹	574,871	
Equity securities	66,588,352	-	66,588,352	
Mutual funds				
Temp cash funds	*.	22,050	22,050	
Fixed income funds	2	12,330	12,330	
Equity funds	*	60,720	60,720	
Alternative investments				
Direct alternative investments	242,094	-	242,094	
Limited partnerships	2.2,57	5,163,768	5,163,768	
Real estate	_	6,641,895	6,641,895	
Whole & commercial loans	2	293,527	293,527	
Investments held by broker-	-	293,321	275,521	
) 보이들의 한테 20년 20년 전에 전시				
dealers under securities loans:				
Debt securities		205 (51	905 651	
Corporate obligations	5	895,651	895,651	
US Government obligations	*	6,764,741	6,764,741	
Securitized obligations			211.001	
Mortgage backed securities	-	314,084	314,084	
Asset backed securities	5	5,601	5,601	
Equity securities		9,036,913	9,036,913	
Sub-total investments	87,989,474	29,468,597	117,458,071	
Securities lending collateral				
Short-term investments				
Short Term Investment Fund	-	114,938	114,938	
Certificates of deposit	2,075,534		2,075,534	
Commercial paper	587,655	- F	587,655	
Time deposits	994,575	2-1	994,575	
Promissory note	120,770	_	120,770	
Master note	71,041	_	71,041	
Bank note	49,729	VT0	49,729	
Debt securities	49,729	374	49,729	
	5 250 752		5,258,753	
Corporate obligations	5,258,753	5.5 2.5		
US Government obligations	1,105,864	-	1,105,864	
Securitized obligations				
Asset backed securities	6,093,441	-	6,093,441	
Cash equivalents:				
Cash and cash equivalent	4,767		4,767	
Repurchase agreements	534,239	( <del>-</del>	534,239	
Sub-total securities lending collateral	16,896,368	114,938	17,011,306	
	<del></del>			
Total investments	\$ 104,885,842	\$ 29,583,535	\$ 134,469,377	
Cash and cash equivalents:				
Repurchase agreements	\$ 114,386	\$ -	\$ 114,386	
Foreign currency	65,392	*	65,392	
Other cash	05,592	7,110	7,110	
	e 170.770			
Total cash and cash equivalents	\$ 179,778	\$ 7,110	\$ 186,888	

# California State Teachers' Retirement System

# Notes to the Basic Financial Statements

The investment in the Surplus Money Investment Fund (SMIF), administered by the State, represents various investments with average days to maturity of approximately 196 days, and is reported at amortized cost which approximates fair value.

The investment in the Short-term Investment Fund, administered by State Street Bank, represents various investments with average days to maturity of approximately 44 days, and is reported at amortized cost which approximates fair value.

The repurchase agreement transactions as of June 30, 2004, have underlying collateral with fair values of approximately 102% of the cost of the repurchase agreement. The agreed-upon yields are 0.5% and 0.75% with maturity dates through July 1, 2004.

Foreign currency is comprised of international investment proceeds and income to be repatriated into U.S. dollars and funds available to purchase international securities. Foreign currency is not held as a form of investment. Foreign currency is held temporarily in foreign interest-bearing accounts until it is able to be repatriated or expended.

In fiscal year 2002-03, the System initiated an investment program to leverage its real estate investments by borrowing against select real estate holdings (Leverage Program). Under the Leverage Program, two debt strategies were executed: a commercial mortgage-backed security (CMBS) for \$750 million and a revolving line of credit for \$275 million, net (collectively, the Leverage Program Obligation). The System used the proceeds from the Leverage Program Obligation to purchase various investments. At June 30, 2004, the ratio of the Leverage Program Obligation to the fair value of the underlying collateral of real estate properties was 32.1%. At June 30, 2004, the outstanding amount on the revolving line of credit was \$275.0 million, which matures in January 2006. Approximately \$406.6 million and \$240.3 million of the CMBS are due November 2007 and November 2009, respectively. Interest on the Leverage Program Obligation is based on various factors and is payable monthly. As of June 30, 2004, the annual interest rates ranged from 1.4% to 4.7%.

State statutes and board policies permit the System to make short-term, collateralized loans of its securities to broker-dealers and other entities in order to earn incremental income. STRP has contracted with third party securities lending agents and its custodian to lend domestic and international equity and debt securities. The majority of security loans can be terminated on demand by either STRP or the borrower. Collateral in the form of cash or other securities is required for 102% and 105% of the fair value of domestic and international securities loaned, respectively. Since the majority of these loans are terminable at will, their duration does not generally match the duration of the investments made with the cash collateral. At June 30, 2004, the weighted duration difference between the investments and these loans was 29 days. As of June 30, 2004, the System has no credit risk exposure to borrowers because the amounts the STRP owes the borrowers exceed the amounts the borrowers owe the STRP. STRP is not permitted to pledge or sell collateral securities received unless the borrower defaults. The contracts with the security lending agents require them to indemnify STRP if the borrowers fail to return the securities (or if the collateral is not sufficient to replace the securities lent) or if the borrower fails to pay STRP for income distributions by the securities' issuers while the securities are on loan.

# California State Teachers' Retirement System Notes to the Basic Financial Statements

### 4. Contingencies

The System is involved in litigation relating to various matters. In the opinion of management, after consultation with legal counsel, the outcome of this litigation is not expected to have a material adverse effect on the System's financial position.

#### 5. Commitments

In connection with the purchase of various partnership interests under its alternative investment portfolio and the real estate portfolio, the STRP has remaining funding commitments of approximately \$4.4 billion and \$2.0 billion, respectively, at June 30, 2004.

The STRP has entered into agreements through its Credit Enhancement Program to guarantee payment of principal and interest on certain debt securities in the event of default. At June 30, 2004, the STRP had commitments of approximately \$1.6 billion expiring through March 2009. The STRP is paid a fee over the term of such agreements and earned approximately \$6.4 million for the year ended June 30, 2004.

# 6. New Accounting Pronouncements

No new accounting pronouncements were implemented in the fiscal year ended June 30, 2004. The Governmental Accounting Standards Board (GASB) recently released GASB Statement No. 40, Deposit and Investment Risk Disclosures, an amendment of GASB Statement No. 3 and GASB Statement No. 43, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans.

GASB Statement No. 40 modifies previous custodial credit risk disclosure requirements and establishes more comprehensive disclosure requirements relating to other common risks of investments such as credit risk, concentration of credit risk, interest rate risk and foreign currency risk currently found in footnote 3. GASB No. 40 will be implemented in the financial statements for the year ending June 30, 2005.

GASB Statement No. 43 provides uniform financial reporting standards for plans that provide postemployment benefits such as healthcare benefits. This statement, if applicable, may require the System to obtain actuarial valuations, and report in its financial statements, the funded status and funding progress of the Teachers' Health Benefits Fund. Management is currently evaluating GASB No. 43 and if applicable, it will be implemented in the financial statements for the year ending June 30, 2007.

Required Supplementary Information

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Funding Progress (Dollars in Millions)

Schedule I

The information presented in Supplementary Schedules I and II was determined as part of the actuarial valuations at June 30, 2003, except where noted. For the year ended June 30, 2002, the DBS Program was funded by member contributions only.

Actuarial Valuation Date as of June 30	Va	tuarial alue of assets	A L	ctuarial ccrued iability (AAL)	(I	nfunded Funded) AAL UAAL)	Fundo Ratio	0	Covered Payroll	UAAL as a % of Covered Payroll
		(a)		(b)		(b-a)	(a/b)	)	(c)	((b-a)/c)
Defined Benefit I	Prograi	n <sup>(1)</sup>								
2004		(2)		(2)		(2)	(2)		(2)	(2)
2003 2002	\$ .	108,667	\$ 1	31,777	\$	23,110	82	% (3)	\$ 23,862	97 %
2001		107,654	1	.09,881		2,227	98	%	20,585	11 %
2000		102,225		93,124		(9,101)	110	%	18,224	(50)%
1999		90,001		86,349		(3,652)	104	%	17,185	(21)%
Cash Balance Be	nefit P	rogram (1)								
2004		(2)		(2)		(2)	(2)		(2)	(2)
2003	\$	30	\$	34	\$	4	89	%	\$ 81	5 %
2002		22		25		3	87	%	90	4 %
2001		16		17		1	93	%	98	1 %
2000		11		10		(1)	105	%	71	(1)%
1999		5		5		(1)	104	%	50	0 %
Defined Benefit	Supple	ment Prog	gram	(4)						
2004		(2)		(2)		(2)	(2)		(2)	(2)
2003	\$	1,311	\$	1,358	\$	47	97	%	\$ 23,865	0.20 %
2002		660		711		51	93	%	21,732	0.20 %
2001		207		213		6	97	%	20,585	0.03 %

- (1) Effective January 1, 1999, the Defined Benefit Plan (DB Plan) and the Cash Balance Plan (CB Plan) merged to establish the State Teacher's Retirement Plan (STRP) which includes the Defined Benefit Program (DB Program) the Cash Balance Benefit Program (CB Benefit Program) and the Supplemental Benefit Maintenance Account (SBMA). All actuarial data prior to year ended June 30, 1999, relates to the DB Plan and the CB Plan.
- (2) Actuarial valuations as of June 30, 2004, are expected to be available by summer of 2005.
- (3) Except for 1998 and 2000, actuarial valuations were not prepared in even numbered years. No estimation using actuarial methodology is made in years between valuations.
- (4) Effective January 1, 2001, the Defined Benefit Supplement Program (DBS Program) was established as part of the STRP. The 2001 information presented for the DBS Program was subject to an actuarial study only, which is less in scope than a full actuarial valuation.
- (5) The benefits under the purchasing power program are not guaranteed by law; only the contributions for this are guaranteed. An actuarial valuation has not been completed for the purchasing power program. Contribution and funding under this program are not made on an actuarial basis and items required under this schedule have not been determined. Therefore, a schedule of funding progress for the purchasing power protection program is not presented.

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Contributions from Employers And Other Contributing Entities (Dollars in Millions)

Schedule II

Year Ended June 30	Annual Required Contributions	Contributed By Employers <sup>(1)</sup>	Contributed By the State (2)	Total Contributed	Percentage Contributed
	(a)	(b)	(c)	(b) + (c)	(b + c)/a
Defined Be	nefit Program (3)(4)				
2004	\$3,539	\$1,916	\$451	\$2,367	67%
2003	2,545	1,890	431	2,321	91%
2002	2,498	1,851	385	2,236	90%
2001	1,794	1,749	455	2,204	123%
2000	1,150	1,584	519	2,103	183%
1999	1,473	1,492	209	1,701	115%
Cash Balan	ce Benefit Program	(3)(4)			
2004	\$4	\$4	0	\$4	100%
2003	4	4	0	4	100%
2002	4	4	0	4	100%
2001	3	3	0	3	100%
2000	2	2	0	2	100%
1999	1	1	0	1	100%
Defined Be	nefit Supplement Pr	ogram <sup>(4)</sup>			
2004	\$128	\$125	0	\$125	98%
2003	72	72	0	72	100%
Purchasing	Power Protection Pr	ogram			
2004	\$595	0	\$95	\$95	16%

<sup>&</sup>lt;sup>(1)</sup> For DB Program years ended June 30, 1998 and earlier, amounts include employer contributions under Education Code Sections 22950 and 22953. For the years ended June 30, 1999 and thereafter, amounts include employer contributions under Education Code Sections 22950 and 22951. For the years ended June 30, 2000 and thereafter, amounts include employer contributions under Education Code Sections 22135, 22714 (less amounts deposited in the SBMA) and 22718.

<sup>(2)</sup> For DB Program, includes state contributions under Education Code Section 22955.

<sup>(3)</sup> Effective January 1, 1999, the DB Plan and the CB Plan merged to establish the State Teachers' Retirement Plan which includes the DB Program and the CB Benefit Program. All actuarial data prior to year ended June 30, 1999 relates to the DB Plan and CB Plan.

<sup>&</sup>lt;sup>(4)</sup> For the determination of the Annual Required Contribution, an amortization period of 30 years is used for the Unfunded Actuarial Liability.

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Contributions from Employers And Other Contributing Entities

(Dollars in Millions)

Schedule II (Continued)

Additional information as of the June 30, 2003 actuarial valuations are as follows:

#### **DB** Program

Actuarial Cost Method Entry age normal
Amortization Method Level percent of payroll

Amortization Period Open

Remaining Amortization Period Not amortizable

Asset Valuation Method Expected value with 33% adjustment

to market value

Actuarial Assumptions:

Investment rate of return 8.00%
Interest on accounts 6.00%
Projected salary increases 4.25%
Consumer price inflation 3.25%
Post-retirement benefit increases 2.00% simple

	CB Benefit Program	DBS Program		
Actuarial Cost Method	Traditional unit credit	Traditional unit credit		
Amortization Method	Not applicable	Not applicable		
Amortization Period	Not applicable	Not applicable		
Remaining Amortization Period	Not applicable	Not applicable		
Asset Valuation Method	Fair market value of net assets	Fair market value of net assets		
Actuarial Assumptions:				
Investment rate of return	8.00%	8.00%		
Interest on accounts	8.00%	8.00%		
Projected salary increases	4.25%	4.25%		
Consumer price inflation	3.25%	3.25%		
Post-retirement benefit increases	Not applicable	Not applicable		

Other Supplemental Information

Schedule III

# California State Teachers' Retirement System State Teachers' Retirement Plan

Schedule of Administrative Expenses (Dollars in Thousands)

bollars III Tilousalius)	Scriedule i
Personnel services:	
Salaries and wages	\$ 29,818
Staff benefits	9,953
Accrued vacations	463
Accrued personal leave	980
Total personnel services	41,214
Operating expenses and equipment:	
General expense	4,489
Depreciation expense	355
Printing	1,242
Communications	809
Postage	1,090
Insurance	65
Travel	312
Training	262
Facilities operations	8,429
Consultants and professional services	8,374
Consolidated data center:	0,577
Consultants and professional services	7,874
Data processing:	7,074
Consultant and professional services	19,756
Software and other	1,349
Equipment	1,549
Other	2
Taxes and Assessments	7
Total operating expenses and equipment	54,421
Total current year expenses	95,635
Prior year expenses, net	(868)
Total	\$ 94,767
Fund sources:	
Budget Act, Chapter 157, Statutes 2003	\$ 94,670
Legislation, Chapter 968/98 SEC 22226 EDU	4
Reappropriation CH.157/03	922
Legislation, Chapter 1021, Statutes 2001	192
SBMA/administration expense	(82)
Reimbursements	(111)
Prior-Budget Act,	(868)
Education Code 22330	40
Total fund sources	\$ 94,767

# California State Teachers' Retirement System State Teachers' Retirement Plan Schodule of Investment Expenses from Continuous Appropri

Schedule of Investment Expenses from Continuous Appropriation (Dollars in Thousands)

Schedule IV

External Equity Managers:	
Domestic:	¢ 2.177
Ariel Capital Management	\$ 2,177
Barclays Global Investors	2,106
Brown Capital Management Inc.	701
Chicago Equity Partners	569
Delaware Investment Advisors	705
Delphi Management Inc	1,307
Denver Investment Advisor Inc.	2,008
DSI International Management Inc.	266
First Quadrant	1,458
Mellon Capital Management	496
NCM Capital Management Group Inc.	375 195
Putnam Investments	
Sasco Capital, Inc	4,402
Sterling Capital Management LLC	1 221
State Street Global Advisors	1,321
TCW Asset Management	478 2,318
UBS Global Asset Management	2,318
Total Domestic	20,883
1	
International:  Bank of Ireland	3.071
	2,071 944
Barclays Global Investors BatteryMarch	1,089
Blackrock International Ltd.	1,073
	4,037
Capital Guardian Trust	768
Columbia Management Advisors Delaware International Trust	1,645
	1,510
Fidelity Management Trust Co. Fiduciary Trust International	1,493
Goldman Sachs	1,329
Lazard Freres Asset Management	2,493
Marvin & Palmer Associates Inc.	1,776
Morgan Stanley	1,630
	1,698
Nicholas Applegate Oechsle International Advisors	3,254
	1,513
Schroder Capital Management Investment, Ltd. State Street Global Advisors	
	1,956
UBS Global Asset Management	2,070
Total International	32,349
Total External Equity Managers	53 232
Total External Equity Managers	53,232

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Investment Expenses from Continuous Appropriation (Dollars in Thousands)

Schedule IV

Estand Find Learne Manager	
External Fixed Income Managers	
Capital Guardian Trust Company	313
Hartford Investment Management Company	1,010
MW Post Advisory Group, LLC	913
Seix Investment Advisors	1,124
Shenkman Capital Management	1,233
Total Fixed Income Managers	4,593
Real Estate Managers/Advisors:	
CB Richard Ellis	5.078
Clarion Partners	883
Heitman Capital MGMT LLC	2,011
Lend Lease Real Estate Inv	864
Lowe Enterprises	1,092
Principal Global Investors	2,098
Sentinel Realty Advisors	140
SSR Realty Advisors	2,155
Thomas Properties	1,180
Total Real Estate Managers/Advisors	15,501
Advisors and Consultants:	
Altius Associates	420
Bard Consulting	85
Boeck and Associates	33
Bonuccelli & Associates, Inc	14
Cambridge Associates LLC	1,862
Courtland Partners, LTD	431
KPMG LLP	140
McKinsey & Company, Inc. Uni	733
Pension Consulting Alliance	642
Westwood Consulting Group	117
Total Advisors and Consultants	4,477

# California State Teachers' Retirement System State Teachers' Retirement Plan

# Schedule of Investment Expenses from Continuous Appropriation (Dollars in Thousands)

Attorneys, Master Custodian and Insurers:	
Cox, Castle & Nicholson	318
Grant & Eisenhofer, P.A.	5
Groom Law Group	102
Marsh Risk & Insurance Service	75
Robert Driver Ins Brokerage	698
State Street Bank & Trust Co	3,892
Testa, Hurwitz & Thibeault, LLP	56
Tuchow Associates	17
Subtotal Attorneys, Master Custodian and Insurers:	5,163
Prior Period Expense Adjustment for Cox, Castle, & Nicholson	(893)
Total Attorneys, Master Custodian and Insurers	4,270
Other Expenses:	
CSUS Foundation	120
Miscellaneous	105
State Controller's Office	13
State Personnel Board	1
Stephen Teale Data Center	13
Travel	436
Total Other Expenses	688
Total Continuous Appropriations	\$ 82,761

Schedule IV

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Consultant and Professional Services Expenses (Dollars in Thousands)

Schedule V

	Commission/	
Individual or Firm	Fee	Nature of Service
Consulting and professional services:		
Alameda County Office of Education	\$ 104	Regional Counseling Services
California State University Foundation	1,254	Consulting Services
Citistreet Advisors, LLC	72	Consulting Services
Contra Costa County Office of Education	94	Regional Counseling Services
Department of General Services	28	Consulting Services
Department of Justice	36	Legal Services
Department of Personnel Administration	163	Consulting Services
Employment Development Department	103	Consulting Services
Fresno County Office of Education	88	Regional Counseling Services
Graphic-Focus	27	Consulting Services
Hogan & Hartson	263	Advocate and Legal Representation
Kern County Superintendent of Schools	194	Regional Counseling Services
Liebman & Associates	32	Vocational Assessments and Reports
Livingston and Matt	22	Consulting Services
Los Angeles County Office of Education	298	Regional Counseling Services
Los Angeles County Supt. Of Schools	426	Regional Counseling Services
Macias Gini and Company	15	Consulting Services
Manpower	48	Consulting Services
Merced County Office of Education	36	Regional Counseling Services
Milliman USA	349	Actuarial Services
Monterey County Office of Education	49	Regional Counseling Services
Olsen, Hagel & Fishburn, LLP	274	Consulting Services
Orange County Department of Education	287	Regional Counseling Services
Pleasanton Unified School District	103	Regional Counseling Services
PricewaterhouseCoopers LLP	172	Audit and Consulting Services
San Bernardino County Office of	273	Regional Counseling Services
San Diego County Office of Education	254	Regional Counseling Services
San Francisco County Office of Education	46	Regional Counseling Services
San Joaquin County Office of Education	102	Regional Counseling Services
San Jose County Office of Education	187	Regional Counseling Services
San Juan Unified School District	233	Regional Counseling Services
San Mateo-Foster School District	90	Regional Counseling Services
Santa Barbara County Office of Education	88	Regional Counseling Services
Santa Cruz County Office of Education	92	Regional Counseling Services
Shasta County Office of Education	116	Regional Counseling Services
Solano County Office of Education	53	Regional Counseling Services
Sonoma County Office of Education	115	Regional Counseling Services
Stanislaus County Office of Education	55	Regional Counseling Services
State Controller's Office	1,105	Various Financial Services
State Personnel Board	55	Consulting Services
Superior Rehabilitation Services	15	Vocational Assessments and Reports
TLM Communications	80	Consulting Services
Thomas/Ferrous	248	Consulting Services
Tulare County Superintendent of Schools	52	Regional Counseling Services
Ventura County Superintendent of Schools	158	Regional Counseling Services
Visual Communications	35	Consulting Services
Voice Retrieval and Information Services	132	Consulting Services
W.O.B. Management	21	Vocational Assessments and Reports
Yuba County Office of Education	48	Regional Counseling Services
Other	184	Various Services under \$10
	\$ 8.374	Jac Ser Hees allow \$10
:-	(14.) [-4	

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Consultant and Professional Services Expenses (Dollars in Thousands) Schedule V (Continued)

	Commission/	
Individual or Firm	Fee	Nature of Service
Data Processing:		
Adtech	\$ 17	Data processing
Advanced Total	275	Data processing
Allied Network Solutions	14	Data processing
Aspen computer Solutions	229	Data processing
The Ballard Group	1,208	Data processing
Business Advantage Consulting Inc.	139	Data processing
Cable and Wireless	28	Data processing
Coastline Technology	623	Data processing
Convergent Computing	273	Data processing
Direct Applications, Inc.	39	Data processing
Eclipse Solutions	225	Data processing
Filenet Corporation	373	Data processing
Forward Solutions	100	Data processing
Graphic Focus	54	Data processing
H. L. Yoh, company, LLC	440	Data processing
The Highland Consulting	51	Data Processing
IBM Corporation – F05	59	Data processing
Inforce, Inc.	859	Data processing
Information Bank	81	Data processing
Information Technology	607	Data processing
International Network, LLC	65	Data processing
International Network	495	Data processing
Jaykumar Maistry	656	Data Processing
KPMG, LLP	111	Data Processing
Linda Rogers and Associations	166	Data Processing
Madsen Rayner	6	Data Processing
Mara Consulting	461	Data Processing
Mercer Human Resources Consulting	180	Data Processing
Meta Group	34	Data Processing
Microsoft	21	Data Processing
Montridge Consulting	132	Data Processing
MSX International	162	Data Processing
Nanran	1,052	Data Processing
Net Incomm Incorporated	346	Data Processing
Network Design Associates	65	Data Processing
NFP Accounting	41	Data Processing
Norrisoft	76	Data Processing
Personal Enterprises	309	Data Processing
Princeton Solutions Group	844	Data Processing
A Data Consulting	180	Data Processing
Quest Media & Supplies	350	Data Processing
Rapidigm	186	Data Processing
RS Computer Associates, LLC	207	Data Processing
Russbo, Incorporated	156	Data Processing
Sapphire Technologies	48	Data Processing
Setka IT Services	53	Data Processing
Shiva System	10	Data Processing
Sierra Metrics, Inc	982	Data Processing
Software AG, Inc.	892	Data Processing
Soft Net Solution	56	Data Processing
Steelpoint Technologies	30	Data Processing
Synergex	321	Data Processing
Synergy Consulting, Inc.	1,805	Data Processing
Systems West Computer	126	Data Processing
Tetra Corporation Services	13	Data Processing
Thomas V. Ennis Consulting	79	Data Processing

# California State Teachers' Retirement System State Teachers' Retirement Plan Schedule of Consultant and Professional Services Expenses (Dollars in Thousands) Schedule V (Continued)

Thomas Ferrous	49	Data Processing
Venturi Technology Partners	165	Data Processing
Verizon Network	90	Data Processing
Visionary Integration	1,174	Data Processing
Western Blue Corporation	30	Data Processing
Witness Systems	20	Data Processing
Worldgroup Consulting	755	Data Processing
Wright On-Line Systems	973	Data Processing
Other	90	Various Services under \$10
P-05-007-00	\$ 19.756	
Consolidated Data Center:		
Health and Welfare Data Center	\$ 20	Data Processing
Stephen P. Teale Data Center	7,854	Data Processing
Telegraph of a contraction in the production of the contraction of the contraction	\$ 7.874	TO EXPLORATE UP TO THE PROPERTY OF THE PROPERT
Total consultant and professional		
services expenses	\$ 36,004	

# California State Teachers' Retirement System Voluntary Investment Program Schedule of Administrative Expenses (Dollars in Thousands)

(Dollars in Thousands)	Schedule	VI
State Street Bank, LLC administrative fees	\$ 665	
State Teachers' Retirement Plan administrative fee	140	
Loan Fees	2	
Total	\$ 807	

Schedule VII

# California State Teachers' Retirement System

Teachers' Health Benefits Fund Schedule of Administrative Expenses (Dollars in Thousands)

Personnel services:	
Salaries and wages	\$ 190
Staff benefits	70
Accrued vacations	8
Total personnel services	268
Operating expenses and equipment:	
General expense	97
Printing	2
Travel	1
Training	2
Prorata	4
Total operating expenses and equipment	106
Total current year expenses that are budgeted	374
Prior year expenses, net	(1)
Total	373
Fund sources:	
Continuous Appropriation - Chapter 1032 Statutes of 2000	\$ 373

# Trusted Guide: Members well prepared for a secure and rewarding future

your voice;

"I didn't like that I had to use my Social Security number over the Internet to begin the e-mail process. I'm concerned about identity theft."

#### our commitment

CalSTRS frequently uses only the last four digits of a member's Social Security number and has begun using a unique member account number instead, a change that focus group members appreciated.



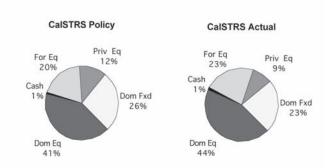
# Investment Consultant's Report



he CalSTRS investment portfolio increased by \$15.6 billion over the past twelve months ending with a value of \$116.2 billion on June 30, 2004. As highlighted below, the CalSTRS portfolio is broadly diversified, holding investments ranging from publicly-traded short-term bonds to privately-held partnerships. Clearly, the scale and breadth of investments make the management and oversight of these assets highly complex. In light of these factors, CalSTRS has been effective in using its resources in a costefficient manner to ensure that benefits continue to flow to CalSTRS participants.

#### Investment Allocation

The most critical factor influencing overall investment performance is the allocation of the CalSTRS portfolio across major asset classes. The fiscal year-end report reflects asset allocation guidelines for the 2003-2004 fiscal year as a step towards long-term targets adopted in October of 2001 (see left pie chart). The portfolio's actual allocation is slightly different from policy. Domestic Equity and Foreign Equity are slightly over weighted while Private Equity and Domestic Fixed underweighted (see right pie chart). Gains in the domestic public equity markets over recent periods contributed to the overweighting of the Domestic Equity asset class. In addition, the major asset classes may be strategically overweight versus their policy target(s) to



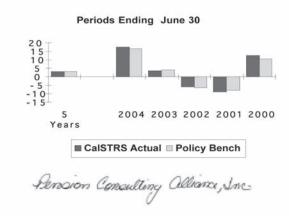
compensate for the difficulty of rapidly funding the private equity asset class.

#### **Investment Results**

Over the last year, the CalSTRS investment portfolio produced a strong absolute return of 17.4% ranking in the top quartile among its large public pension fund peers1 (top bar chart). During this period, portfolio results exceeded the policy benchmark return by Relative outperformance by the Domestic Equity and Private Equity asset classes contributed significantly to this result.

During the last three years, CalSTRS' portfolio generated a 4.5% return outperforming the policy benchmark by 40 basis points and placing above median vs. their peer funds. Over the last five years, the CalSTRS investment portfolio produced an average annual return of 3.2%, exceeding its policy benchmark by 40 basis points per year (bottom chart). However, these results are significantly below CalSTRS' actuarial rate of return. Successive one-year periods are shown as well. CalSTRS' portfolio has outperformed its policy benchmark in three of the last five years for periods ending June 30.





Per TUCS Universe for Public Funds with assets in excess of \$1 billion.

The policy benchmark consists of passively managed asset class portfolios weighted by CalSTRS' policy allocations. The difference between actual results and the benchmark are due to two factors: i) deviations from policy and ii) active decisions on the part of CalSTRS and its investment managers.

CalSTRS' investment performance is calculated using a monthly internal rate of return and day-weighted cash flows. Periods longer than one month are geometrically linked. This method of return calculation complies with AIMR performance presentation standards.

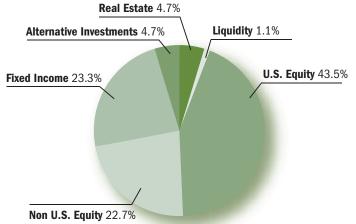
# Investments

The CalSTRS investment portfolio has fully recovered from the 2000–02 bear market and internet/high tech bubble. In fiscal year 2003–04 the investment portfolio generated a spectacular 17.4 percent investment return and hit an all-time high of \$116 billion, exceeding the previous high set in mid-2000. Diversification and strategic rebalancing of the portfolio helped CalSTRS recover faster than most state pension plans and institutional investors.

Fiscal year 2003–04 saw an investment market divided into two distinct periods. The first half of the year, July to December 2003, the U.S. and Non-U.S. equity market climbed in value. However, during the second half of the year, the market traded sideways as uncertainty built. CalSTRS' diversification across industry sectors and different types of investments produced a lower risk and higher return portfolio.

# Asset Allocation as of June 30, 2004

Total investment portfolio of \$116.2 billion



During the past year, the Teachers' Retirement Board Investment Committee and CalSTRS staff revised several key policies to significantly increase the level of active management within the U.S. equity portfolio. This was accomplished by establishing two important new programs. The first program allocated \$800 million into corporate governance funds, which strive to improve the governance and efficiency of companies. The second program allocated \$600 million to newer, small U.S. equity managers. Three firms were hired to identify highly skilled developing money managers. This group will likely be very diverse and help provide CalSTRS with new money managers for the 21st century.

As the Investment Committee and staff look toward future years, it is highly likely that double-digit investment returns will be more difficult to achieve. Many economists and consultants forecast that the next ten years will exhibit very low single-digit returns. Our key objective is to earn more than an 8 percent return over a 10-year period. In the 1990's this was very easy to accomplish. If the pundits are correct, this objective will be more difficult. This means CalSTRS members should lower their expectations for excess returns and enhanced benefits.

In the future year, the Investment Committee will be reviewing various portfolio enhancement ideas to add additional return potential without significantly increasing the portfolio's total risk. With the full complement of Board members, top flight consulting and one of the best investment staffs in the country, the investment portfolio is in good hands.

**Chart A** Growth in total investments (dollars in millions)

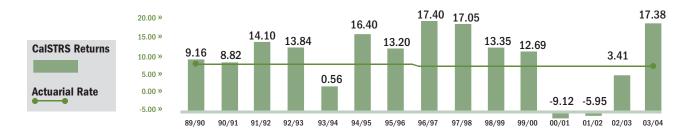


## **Objectives**

The core objectives of the Investment Management Plan remained unchanged. The primary objectives are set forth in the California Constitution and the California Education Code. The foremost objective is to provide for present and future benefit payments,

then to diversify the assets, and finally, to reduce CalSTRS funding costs. Additionally, the Teachers' Retirement Board and staff strive to run the investment program in such a manner so as to maintain the trust of the participants and public.

Chart B Growth in CalSTRS' returns (percent)



**Chart C** Time-weighted performance returns for major asset categories

Portfolio Type / Associated Indices	1 Yr	3 Yr	5 Yr	10 Yr
Total Fund	17.38	4.51	3.17	9.15
US Equity	20.96	0.61	-0.80	11.24
Russell 3000 *	20.48	-0.17	-1.38	11.49
Wilshire 5000	21.25	0.79	-1.03	11.54
Non-US Equity	30.68	4.48	0.86	5.11
MSCI All Country Free ex US (G) *	32.42	5.12	0.78	4.31
MSCI Europe, Australia & Far East *	32.31	3.74	-0.02	4.01
MSCI Emerging Market Free *	33.54	13.05	3.14	1.14
Fixed Income	0.67	7.32	7.48	8.36
US Debt Custom (1)	0.88	7.56	7.72	8.26
Salomon LPF	-0.79	7.48	7.67	8.24
Lehman Brothers US Aggregate	0.32	6.36	6.95	7.39
Lehman Brothers High Yield Cash Pay	10.09	9.08	5.28	7.60
Real Estate	13.20	10.18	10.69	12.02
Real Estate Custom (2)	9.84	7.74	9.06	9.95
Alternative Investments	29.62	4.73	11.89	19.61
Alternative Investments Custom (3)	17.24	6.68	7.41	10.85
Liquidity	19.01	8.42	7.70	6.81
Salomon 3-Month Treasury Bill	0.96	1.61	3.14	4.16

Investment peformance is calculated using a time-weighted rate of return based on the market rate of return in accordance with Association for Investment Management and Research (AIMR) Standards

<sup>\*</sup> CalSTRS adopted tobacco free indices beginning 9/1/00

<sup>(1)</sup> Blend of Salomon LPF, LB US Aggregate and LB High Yield Cash Pay for the year ending 6/30/03 due to benchmark transition

<sup>(2)</sup> NCRIEF after 7/1/97 and Institutional Property Consultants prior to 7/1/97; lagged 1 quarter

<sup>&</sup>lt;sup>(3)</sup> Blend of the [Russell 3000 + 5% + 90 day T-Bill] after 4/1/99 and [CPI + 12%] prior to 4/1/99; lagged 1 quarter

Chart D Largest fixed income holdings as of June 30, 2004 (CalSTRS maintains a complete list of portfolio holdings)

Issue	Maturity Date	Interest Rate	Par	Market Value	Average Cost	Unrealized Gain/(Loss)
US TREASURY BONDS	15-Nov-16	7.500%	445,000,000	548,547,037	552,914,955	(4,367,918)
US TREASURY BONDS	15-Nov-06	2.625%	550,000,000	546,210,484	553,772,402	(7,561,919)
US TREASURY BONDS	15-0ct-06	6.500%	325,000,000	350,882,964	356,452,137	(5,569,173)
US TREASURY BONDS	15-Jul-06	7.000%	300,000,000	325,032,027	328,393,537	(3,361,510)
US TREASURY BONDS	30-Apr-06	2.250%	325,000,000	322,754,244	323,985,612	(1,231,369)
US TREASURY BONDS	15-May-08	2.625%	290,000,000	280,978,100	281,093,805	(115,705)
FEDERAL NATL MORTGAGE ASSN	15-Jun-10	7.125%	240,000,000	272,572,798	287,140,110	(14,567,313)
US TREASURY BONDS	15-Sep-08	3.125%	260,000,000	255,184,808	259,902,155	(4,717,347)
US TREASURY BONDS	15-Feb-20	8.500%	175,000,000	236,817,009	225,257,643	11,559,366
FREDDIE MAC	15-May-07	2.875%	215,000,000	211,613,756	213,961,356	(2,347,600)

#### **Fixed Income**

The fixed income assets within the CalSTRS investment portfolio include \$24.9 billion of internally managed investment grade securities and \$2.2 billion of externally managed high yield securities, which collectively are expected to generate a risk-adjusted return that is representative of the broad market-weighted universe of U.S. bonds. The strategic performance objective for the Teachers' Retirement Fund's fixed income portfolios is to enhance the value of the total investment portfolio by exceeding the total return of the performance benchmark by up to 25 basis points annually over a full market cycle. For the fiscal year ended June 30, 2004, the fixed income portfolios earned 0.67 percent, trailing the performance benchmark by 21 basis points.

Three other programs are managed within the Fixed Income Unit: Currency Hedging, Home Loan and Securities Lending.

#### Currency Hedging Program

The Currency Hedging Program protects the value of the assets of the passively managed segment of the non-dollar equity portfolio by selling controlled amounts of foreign currency positions in approved currencies (i.e., hedging) when there is the risk that the U.S. dollar may strengthen and removing them when there is widespread U.S. dollar weakness. A strengthening dollar lowers international equity returns. Over the past year, the U.S. dollar has trended lower against its major trading partners. Therefore, in order to receive maximum potential benefit in relation to its unhedged benchmark, all core currency hedges were removed. Through the fiscal year ended June 30, 2004, the Currency Hedging Program has generated nearly \$600 million in additional income, offsetting a corresponding decline in the non-dollar equity portfolio.

#### Home Loan Program

The CalSTRS Home Loan Program, established by legislation in 1984, provides the opportunity for home ownership to qualified participants while meeting CalSTRS' investment goals by generating a mortgage

asset. The Home Loan Program strives to offer borrowers a variety of mortgage programs that best meet their individual needs, while also providing "best in class" customer service to our borrowers—before, during, and after the mortgage loan process. The assets created by the Home Loan Program are purchased and managed as part of the mortgage allocation within the Fixed Income Portfolio, or sold in the financial markets. As a result, the Home Loan Program is held to the same investment standard and compared to the same performance benchmark as the other mortgage related assets within the Fixed Income Portfolio. This year, CalSTRS added Countrywide Home Loans to its team of strategic partners to bring operational and technological improvements to the Home Loan Program, thereby ultimately enhancing the quality of service to our borrowers.

#### Securities Lending Program

The Securities Lending Program was designed to enable the Fund to generate incremental income by making collateralized, low-risk, short-term loans, using a portion of the equity and fixed income assets held within the investment portfolio. The performance objective for the program is to earn lending income commensurate with: 1) the market demand for the securities made available for lending and, 2) the return earned on the investment of cash collateral within the guidelines set forth by CalSTRS. For the fiscal year ended June 30, 2004, the Securities Lending Program earned approximately \$69 million in additional income for the Fund.

## **Internal Equity Management**

The Internal Equities group was established to manage a portion of CalSTRS' domestic equity allocation. This is accomplished with two portfolios, a passively managed index fund and a cash equitization program. The index portfolio is benchmarked to the Russell 1000 ex-Tobacco Index and was valued at \$17.4 billion as of June 30, 2004. The portfolio had a return of 19.57 percent during the 2003-04 fiscal

year, which outperformed the benchmark return of 19.49 percent by 0.08 percent. The indexed portfolio's annualized two-year return ending June 30, 2004 was 9.89 percent against the benchmark's return of 9.79 percent, outpacing the benchmark by 0.10 percent.

The cash equitization program pools the excess cash in CalSTRS' actively managed domestic accounts so that these monies can be invested and gain exposure to the equity market. This portfolio is benchmarked to the S&P 500 Index and assures tighter tracking of the overall U.S. equity segment to its benchmark. As of June 30, 2004, the portfolio was valued at \$223.1 million. The one-year return for the portfolio ending June 30, 2004 was 19.48 percent while the benchmark lagged at 19.11 percent, a difference of 0.37 percent. The three-year annualized return was 0.45 percent with the benchmark at -0.69 percent. The cash equitization program outperformed the benchmark by 1.14 percent.

## **Alternative Investments**

The Alternative Investments asset class invests in the private equity universe. These investments involve companies that are not publicly traded and normally require active involvement by the external equity managers hired by CalSTRS. The vast majority of these investments are made through limited partnership portfolios, which consist of pools of investments.

During fiscal year 2003–04, CalSTRS made additional commitments of approximately \$1.7 billion in this segment of the portfolio. Total commitments now amount to approximately \$9.18 billion. There are 135 partnerships and 13 co-investments in the Alternative Investment portfolio. At the end of the fiscal year, the total market value was \$5.4 billion, representing approximately 5.0 percent of the total CalSTRS portfolio. CalSTRS continues to increase its commitments in this area as a result of the allocation review completed in October

2001. The Alternative Investment asset class has achieved annualized returns of 29.6, 4.73 and 11.89 percent, for the 1-, 3-, and 5-year periods respectively, lagged one quarter.

## **Credit Enhancement**

CalSTRS has long-term credit ratings of AA+/AA+/AAA by Standard and Poor's, Moody's Investors Service, and Fitch Inc., respectively. The ratings are utilized by issuers of municipal debt in California to assist in the issuance of variable rate municipal bonds. CalSTRS enters into agreements with a number of issuers of tax-exempt debt to provide the payment of principal and interest in the event of a non-payment and/or market support in the capital markets. In return, CalSTRS earns fee income for these commitments. Most of the transactions are supported by banks or bond insurers for repayment. As of June 30, 2004, the Credit Enhancement Program had commitments of approximately \$1.6 billion and fee income earned during the fiscal year was approximately \$6 million.

#### **Real Estate**

CalSTRS portfolio of leveraged real estate assets is valued at \$5.4 billion. The real estate portfolio is comprised of 114 directly owned properties, 9 joint venture relationships, and investments in 20 opportunity funds. During the last fiscal year, ten assets were acquired (either fully owned by CalSTRS or with a joint venture partner), and 17 assets were sold. Real estate assets are 4.7 percent of the total fund with a 6.0 percent allocation. The direct property portfolio is diversified as to property type and geographic location. The largest component of the direct property sector is office buildings, with the largest weighting in the western region of the United States. During fiscal year 2002-03 a Leverage Program was implemented. Two debt strategies were executed: a \$750 million Commercial Mortgage Backed Security (CMBS) transaction and a \$275

Chart E Largest equity holdings as of June 30, 2004 (CalSTRS maintains a complete list of portfolio holdings)

Issue	Shares	Market Value	Average Cost	Unrealized Gain/(Loss)
General Electric Co	37,736,468	\$1,222,661,563	663,610,455	\$559,051,108
Exxon Mobil Corp	24,935,294	1,107,376,407	597,055,643	510,320,763
Microsoft Corp	36,253,209	1,035,391,649	596,363,590	439,028,059
Pfizer Inc	29,357,909	1,006,389,121	597,438,915	408,950,205
Citigroup Inc	20,846,699	969,371,504	483,760,098	485,611,405
Intel Corp	25,529,117	704,603,629	335,282,370	369,321,259
Bank of America Corp	8,075,364	683,337,302	343,794,668	339,542,633
Johnson & Johnson	11,925,538	664,252,467	390,892,123	273,360,344
American International Group Inc	9,204,405	656,089,988	313,676,649	342,413,340
Cisco Systems Inc	27,368,032	648,622,358	384,428,869	264,193,490

million net revolving line of credit. The CalSTRS' real estate portfolio has achieved gross annualized returns of 13.2, 10.1 and 10.7 percent for the 1-, 3- and 5-year periods, respectively. CalSTRS' return exceeded the NCREIF benchmark by 3.5, 2.4 and 1.4 percent for each of the 1-, 3- and 5-year periods.

## **External Equity Management**

The Public Equity portfolio, comprised of both internally and externally managed portfolios, continued to be an important investment vehicle to the fund. In fiscal year 2003-04, this segment of the portfolio accounted for about 66.2 percent (or \$76.9 billion) of the total fund. Domestic Equity accounted for 43.5 percent of the total equity allocation, while International Equity accounted for the remaining 22.7 percent.

The External Equity portfolio is managed by 17 external domestic managers and 17 external international managers. The equity markets stabilized in fiscal year 2003–04 compared to 2002-03. CalSTRS domestic active managers outperformed their benchmark (Russell 3000 x Tobacco Index) by 206 basis points (22.54 percent vs. 20.48 percent); however, the international active managers underperformed their benchmark (MSCI EAFE x Tobacco Index) by 335 basis points (28.76 percent vs. 32.31 percent).

#### External Domestic Equity Programs

During the 2003-04 fiscal year, CalSTRS established two domestic equity programs. Both of these programs are in the very early stages of implementation. The total target allocation is \$1.4 billion.

- The first program targets developing managers with less than \$2 billion under management. CalSTRS retained three firms under a manager of manager structure. These firms are charged with hiring investment managers with different styles and capitalization with the overall benchmark being the Russell 3000.
- The second program takes into account relational investments.
   Two firms were retained to manage portfolios with corporate governance as its main theme.

## **Corporate Governance**

During the 2003–04 fiscal year, CalSTRS voted on a variety of proxy issues including financial, corporate governance and social issues. More than 7,900 votes were cast on proxy issues of corporations whose shares were owned in the investment portfolio. These proxy issues were presented on approximately 2,973 companies. The overall number of proxy issues increased from 6,909 last year.

The major issues voted are summarized below:

1. Election of Directors: CalSTRS generally votes in favor of directors unless the proxy statement shows circumstances contrary to policy. Examples of such circumstances are: greater than 50 percent board representation by company executives, potential conflict of interest due to other directorships or employment, and classification of the company directors.

Number Voted: 2,785

For: 2,333 Against: 452

**2. Selection of Auditors/Accountants:** CalSTRS reviews votes for the independent auditors and accountants on a case-by-case basis.

Number Voted: 1,859

For: 663 Against: 1,196

3. Compensation Plans: (Stock Options, Incentive Stock Options, Employee Stock Purchase Plans, etc.) Corporations provide a variety of compensation plans to keep executives, employees and non-employee directors. A number of these plans provide for the issuance of long-term incentives to attract, reward and retain key employees. Compensation plans are evaluated based on CalSTRS Financial

Responsibility Criteria.

Number Voted: 893

For: 299

Against: 594

**4. Approve Merger/Acquisition-Management:** CalSTRS generally votes in favor of the acquisition or merger of one company into another.

Number Voted: 188

For: 180

Against: 8

**5.** Corporate Actions/Corporate Governance Issues: These are issues related to spin-offs, stock splits and incorporation. CalSTRS votes these proposals on a case-by-case basis.

Number Voted: 36

For: 28

Against: 8

**6. Other–Miscellaneous–Management:** Miscellaneous business recommended by management is decided on a case-by-case basis.

Number Voted: 496

For: 223

Against: 273

## **Cash Balance Benefit Program**

The Cash Balance Benefit Program contributions were invested into pooled funds from inception (February 1, 1997) through June 30, 2001. Sixty percent of the contributions were allocated to the S&P 500 portfolio and 40 percent to the Government Index portfolio. Beginning July 1, 2002, Cash Balance Benefit Program contributions are invested in the Teachers' Retirement Fund Excluding Private Equity (Alternative and Real Estate investments). For the fiscal year ending June 30, 2004, the investment value of contributions, was \$42.0 million and the rate of return was 17.0 percent.

## **Defined Benefit Supplement Program**

The Defined Benefit Supplement Program contributions are invested in the Teachers' Retirement Fund Excluding Private Equity (Alternative and Real Estate investments). Contributions were first received in the Defined Benefit Supplement Program in January 2001. The investment value of those contributions, as of June 30, 2004, is \$2.0 billion. Since the inception of the Defined Benefit Supplement Program, the annualized rate of return is 2.0 percent. The rate of return for the Defined Benefit Supplement Program for the fiscal year is 17.0 percent.

**Chart F** Investment summary for the current and previous fiscal year (dollars in millions)

	30-Ju	n-03	30-Jun-04				
Portfolio Type	Book Value	Market Value	Book Value	Market Value	% of Market Value	Net Market Change	
US Equity	\$31,106	\$41,140	\$33,780	\$50,523	43.49%	\$9,383	
Non-US Equity	21,354	20,171	22,697	26,427	22.74	6,256	
Fixed Income	25,528	26,939	27,020	27,113	23.34	174	
Alternative Investments	5,034	5,072	5,057	5,437	4.68	365	
Real Estate	4,779	4,579	5,338	5,436	4.68	759	
Liquidity	2,624	2,624	1,242	1,242	1.07	-1,382	
Total Portfolio	\$90,426	\$100,525	\$95,133	\$116,178	100.00%	\$15,555	
Plus: Securities Lending Collateral		14,367		17,011			
Less: Accruals		-819		-1,365			
Less: Cash & Cash Equivalent		156		181			
Plan Net Assets-Investments		\$115,555		\$134,373			

Chart G Schedule of investment expenses from continuous appropriation from July 1, 2003, through June 30, 2004 (dollars in thousands)

	Assets Under Management	Fees	Basis Points
nvestment Managers' Fees:			
US Equity	\$32,490,693	\$20,884	6.4
Non-US Equity	26,426,697	32,349	12.2
Fixed Income	2,168,591	4,593	21.2
Alternative Investments	5,437,445	2,282	4.2
Real Estate	5,435,805	15,501	28.5
Total Investment Managers' Fees	\$71,959,230	\$75,608	10.5



# your voice;

"This is an extremely personal subject, and you want the ones you are dealing with (CalSTRS) to feel the same way."

## our commitment

When a death occurs, one caseworker is assigned to each family until all benefits are paid. There is no application needed since the caseworker does an initial interview via telephone to explain the process and gather the necessary information.

Chart H Broker commissions July 1, 2003, through June 30, 2004

Broker Name	Commission	Shares	Commission per Share
US Equity Transactions			
BNY Brokerage Inc	\$760,693	19,585,650	\$0.039
CitigroupGlobal Markets Inc	676,445	22,770,875	0.030
Merrill Lynch Pierce Fenner & Smith Inc	669,532	21,833,026	0.031
Instinet	573,947	24,779,347	0.023
Morgan Stanley & Co Inc	502,609	21,487,632	0.023
Investment Technology Group Inc	498,622	22,367,849	0.022
Jefferies & Co	480,844	16,010,604	0.030
Lehman Bros Inc	468,778	14,659,101	0.032
Lynch Jones & Ryan	442,740	8,910,407	0.050
CS First Boston Corp	431,511	14,511,794	0.030
Other US Brokers	9,088,509	247,034,066	0.037
Total Commissions on US Equity Transactions	\$14,594,230	433,950,351	\$0.034
Non-US Equity Transactions			
Merrill Lynch	\$2,933,762	1,124,762,253	\$0.003
Credit Suisse Bank	1,513,333	159,459,578	0.009
Goldman Sachs	1,267,441	166,242,398	0.008
Citicorp Securities Markets Inc	1,186,868	174,171,419	0.007
Morgan Stanley & Co	1,169,695	81,088,811	0.014
J.P. Morgan Securities LTD	1,108,099	223,730,525	0.005
Deutsche Bank Securities Corp	1,061,123	1,257,829,816	0.001
UBS Ag	1,032,782	296,157,134	0.003
Lehman Brothers Securities	1,003,479	89,924,635	0.011
Warburg Securities	824,513	128,224,648	0.006
Other Non-US Brokers	6,801,825	11,257,210,074	0.001
Total Commissions on Non-US Equity Transactions	\$19,902,920	14,958,801,291	\$0.001

# No Surprises: Timely, accurate and understandable payments the first time, every time

your voice;

"I had a good experience with the online question procedure. The person who responded by telephone was in the expected time frame, knowledgeable, courteous, and informative."

#### our commitment

Customer Service added a Correspondence Center of trained, professional employees for those members who prefer e-mail to phone calls. An April 2004 survey shows that 81-89 percent of members were satisfied in the amount of time it took CalSTRS to respond and found messages easy to understand.



# Defined Benefit Program Actuary's Certification Letter



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November 18, 2004

Teachers' Retirement Board California State Teachers' Retirement System

Re: Valuation of the Defined Benefit Program

Dear Members of the Board:

We have performed an actuarial valuation of the Defined Benefit Program of the California State Teachers' Retirement System as of June 30, 2003. Our findings indicate the projected income stream from contributions mandated by the Education Code will not be sufficient to pay the Normal Costs and to amortize the Unfunded Actuarial Obligation. The DB Program was funded on a sound actuarial basis in the previous actuarial valuation. The decline in the funded status is due primarily to recent investment returns less than the long-term actuarial assumption of 8% per year.

Actuarial valuations are normally performed every two years, as of June 30 of each oddnumbered year. The previous valuation was performed as of June 30, 2001.

In preparing the 2003 valuation, we relied upon the financial information and membership data furnished by the System, and the Report of Independent Accountants prepared by PriceWaterhouseCoopers. Although we did not audit this data, we compared the data for this and the prior valuation and tested for reasonableness. Based on these tests, we believe the data to be sufficiently accurate for the purposes of our calculations. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

Milliman did not prepare Schedules I and II, nor the summary of actuarial methods and assumptions in Schedule II of the Financial Section, nor the information included in this Actuarial Section of the 2004 Comprehensive Annual Financial Report. However, the actuarial information contained in Schedule I of the Financial Section and in this Actuarial Section was derived from our June 30, 2003 actuarial valuation report.

The Teachers' Retirement Board has sole authority to determine the actuarial assumptions and methods used for the DB Program. The Board adopted all of the actuarial methods and assumptions used in the 2003 valuation.

The findings have been determined according to actuarial assumptions and methods that were chosen on the basis of recent experience of the DB Program and of current expectations concerning future economic conditions. In our opinion, the assumptions used in the actuarial valuation are appropriate for purposes of the valuation, are internally consistent, and reflect reasonable expectations. The assumptions represent our best estimate of future conditions affecting the DB Program. Nevertheless, the



Teachers' Retirement Board November 18, 2004 Page 2

emerging costs of the DB Program will vary from those presented in this report to the extent that actual experience differs from that projected by the assumptions.

I certify that the information included in this report is complete and accurate to the best of my knowledge and belief. The actuarial valuation was prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Standards of Practice adopted by the Actuarial Standards Board of the American Academy of Actuaries. In addition, the assumptions and methods used meet the parameters set for disclosures by Statement No. 25 of the Governmental Accounting Standards Board.

Milliman has been engaged by CalSTRS as an independent actuary. The undersigned is a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries, an Enrolled Actuary, and experienced in performing valuations for large public employee retirement systems.

In conclusion, based on the current actuarial assumptions, the current projected income from member, employer, and State contributions will not finance the DB Program of the California State Teachers' Retirement System on an actuarially sound basis. That is, the expected contributions are not sufficient to fund the annual cost of the program and amortize the Unfunded Actuarial Obligation over a period of 30 years or less.

Respectfully submitted,

Mark O. Johnson, F.S.A., M.A.A.A., E.A.

Principal and Consulting Actuary

# Summary of Actuarial Assumptions and Methods

CalSTRS, through its consulting actuary, performs an experience study every four years to determine appropriate demographic and economic assumptions. These assumptions are then applied when the consulting actuary performs an actuarial valuation to monitor the funding status of the Defined Benefit Program. The most recent experience study for the period 1999 through 2003 was completed as of June 30, 2003. The study was adopted by the Teachers' Retirement Board on March 4, 2004. The most recent actuarial valuation was completed as of June 30, 2003, and adopted by the Teachers' Retirement Board on July 8, 2004. The following summary and tables (pages 58–63) were prepared by the CalSTRS staff. All of the assumptions used in the actuarial valuation were adopted by the Teachers Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. All information is considered in the June 30, 2003, actuarial valuation.

Following are the assumptions adopted by the Teachers' Retirement Board for this program.

- Investment return rate is 8.00 percent.
- Method used to value program assets for actuarial valuation purposes: Expected actuarial value adjusted for one-third of the difference between actual market value and expected actuarial value.
- Assumption for general wage increase is 4.25 percent of which 3.25 percent is due to inflation and 1.00 percent is due to expected gains in productivity.
- The actuarial cost method used by the program is the entry age normal actuarial cost method.
- The extent to which benefits are expected to increase as a result
  of cost-of-living type adjustments is an annual 2 percent increase
  to the initial allowance beginning on September 1 following
  the first anniversary of the effective date of the allowance.
   Since 1972, this increase is applied to all eligible continuing
  allowances.

### Discussion of recent changes in:

*The nature of the program*—Since the last experience study as of June 30, 1999, program amendments have been made that have affected both the June 30, 2003 experience study and the June 30, 2003 actuarial valuation.

These program amendments include:

#### Effective January 1, 2000

 Minimum Guarantee payable to certain benefit recipients with at least 20 years of creditable service, equal to \$15,000, increasing in \$500 increments for each additional year of service to \$20,000 at 30 or more years of credited service.

#### Effective January 1, 2001

- Final Compensation based upon the highest average consecutive 12-month period with 25 years of credited service.
- 25 percent of the 8 percent member contributions allocated to the Defined Benefit Supplement Program.
- Longevity Bonus of an additional \$200, \$300, or \$400 per month in Defined Benefit Program benefits with 30, 31 or 32 or more years of credited service.
- An ad hoc minimum guarantee of up to 6 percent, based on the initial allowance plus the simple 2 percent benefit improvement, depending upon the year in which the benefit began. This ad hoc was not initially payable until July 1, 2001.

#### Effective January 1, 2002

- Education requirements for dependent children receiving a disability or family allowance under Coverage A were eliminated.
- Defined Benefit Program members who were formerly Cash Balance Benefit Program participants are allowed to purchase their prior Cash Balance Benefit Program service credit.

#### Effective January 1, 2003

- A temporary reduction in the member contribution rates of specified state members of the Defined Benefit Program.
- A change to the basis for calculation of the post-retirement earnings limitation from the increase in the All Urban California Consumer Price Index to the increase in the average earnable salary of active members of the Defined Benefit Program.

Actuarial assumptions—The actuarial valuation utilizes various methods and two different types of assumptions: economic and demographic. Economic assumptions are related to the general economy and its impact on CalSTRS or to the operation of the membership. Demographic assumptions predict the future experience of the membership with respect to eligibility and benefits and are directly related to the specific experience of CalSTRS members.

Economic assumptions: The two major economic assumptions are investment return and wage growth and each is affected by the underlying assumed rate of inflation. Table 5 (page 59) provides the economic actuarial assumptions for this program as reflected in the most recent actuarial valuation for the program (as of June 30, 2003).

The assumption for consumer price inflation was revised from 3.50 percent to 3.25 percent for this actuarial valuation.

Demographic assumptions: Tables 1–4 and 6–11 (pages 58–62) provide demographic assumption information for this program as reflected in the most recent actuarial valuation for the program (as of June 30, 2003). The assumption for the probability of retirement and the probability of withdrawal from active service were both revised for this actuarial valuation, as were the assumptions for mortality among the members with pre-1972 disabilities. Also revised were the assumptions for the rates at which members will retire, become disabled under Coverage B, withdraw from active service and refund from active service.

#### **Actuarial Methods**

Actuarial Cost Method Asset Valuation Method Entry Age Normal Expected Value with one-third adjustment to Market Value (3-Year Asset Smoothing)

The asset smoothing method projects an Expected Value of Assets using the assumed rate of investment return, then one-third of the difference between the Expected Value and the Market Value is recognized in the Actuarial Value of Assets. There were no revisions to either the Actuarial Cost Method or the Asset Valuation Method for this actuarial valuation.

#### Valuation Results

CalSTRS contracts for many actuarial services. The current contractor, Milliman, has been the program's actuary since January 15, 2000.

Tables 12–15 (pages 62–63) provide summaries of the valuation results. The data displayed in Table 12 (page 62) is as of June 30 of the specified year. Other information, specifically annual payroll amounts, reported in the financial section of this report will generally not be consistent. The reason for this is that the financial data reflects payroll for all individuals who were active during the year, while Table 12 only includes those individuals who are active as of June 30. It does not include those individuals who were active at some point during the year but not as of June 30.

Amounts provided in Table 13 (page 62) represent the status of the population as of June 30 of the indicated year. The information provided in the Removed From Rolls and Rolls End of Year columns include the application of the annual post-retirement 2 percent not-compounded cost-of-living adjustment.

The data provided for each year end in Table 13 is a snapshot of the population taken following year-end closing for the indicated period. It is likely adjustments will be made subsequent to this closing. No attempt is made to update the data in Table 13 for these adjustments.

Because of the potential for post-closing adjustments that are not updated in Table 13, and for post-retirement adjustments that are

included in the individual accounts rather than separately maintained, any update of a prior end-of-year total using additions and deletions from the next year most likely will not equal the total provided for the next year.

In addition to those recent changes in plan provisions described above, the following significant plan changes have also taken place during the time depicted in Table 14 (page 63). These program amendments include:

#### Effective January 1, 1999

- Increased age factor for members who retire after age 60
- Career factor for members who retire with more than 30 years of service
- Service Credit for unused sick leave

The most recent actuarial valuation of the system (as of June 30, 2003) determined there is an unfunded actuarial obligation for this program. The prior actuarial valuation (as of June 30, 2001) also indicated there was an unfunded actuarial obligation.

With the exception of the actuarial valuations performed as of June 30, 1998, and June 30, 2000, actuarial valuations are performed every two years in odd-numbered years to analyze the sufficiency of the statutory contributions to meet the current and future obligations of the program. By using the actuarial methods and assumptions adopted by the Teachers' Retirement Board, the actuarial valuation provides the best estimate of the program's long-term financing.

Comparing the unfunded actuarial obligation as of two valuation dates does not provide enough information to determine if there were actuarial gains or losses. The correct comparison is between the unfunded actuarial obligation on the valuation date and the expected unfunded actuarial obligation projected from the prior valuation date using the actuarial assumptions in effect for the period of comparison.

Table 15 (page 63) shows the actuarial obligation and the elements to project that figure forward: the normal cost less benefit payments, plus a charge for interest at the assumed rate. In addition, the table shows actuarial gains, in parentheses, and losses by individual component.

Actuarial gains reduce the unfunded actuarial obligation as of the valuation date, and actuarial losses increase the unfunded actuarial obligation. Most actuarial gains and losses are a result of short-term fluctuations in experience or changes in actuarial assumptions. Because of the long-term nature of actuarial assumptions, future patterns of emerging experience may offset these short-term fluctuations.

## **Independent Actuarial Review**

Actuarial services for the California State Teachers' Retirement System are provided under contract by a qualified independent actuarial firm, with additional review provided by the staff actuary.

The work performed for CalSTRS by the independent actuarial firm may be reviewed by the Bureau of State Audits, at the discretion of the Teachers' Retirement Board. Also, through the competitive bid process, the work of a prior actuary will be verified in a subsequent actuarial valuation performed by a new contract actuary. Should the same actuarial firm continue for a period of 10 years, provision is made for an independent review of that firm's work through an actuarial audit completed by another firm. These audit services are acquired using the competitive bid process.

The current actuarial consultant was retained on January 15, 2000, as a result of the competitive bid process.

# **Summary of Defined Benefit Program Provisions**

(The following summary and tables were prepared by the CalSTRS staff. All information is considered in the June 30, 2003, actuarial valuation.)

#### Normal Retirement

#### Eligibility Requirement

Age 60 with five years of credited service.

#### Allowance

2 percent of final compensation for each year of credited service.

#### **Early Retirement**

#### Eligibility Requirement

Age 55 with five years of credited service, or age 50 with 30 years of credited service.

#### Benefit Reduction

A  $^{1}/_{2}$  percent reduction in the normal retirement allowance for each full month or partial month the member is younger than age 60, plus a reduction of  $^{1}/_{4}$  percent for each full month or partial month the member is younger than age 55.

#### Late Retirement

#### Allowance

Members continue to earn additional service credit after age 60. The 2 percent age factor increases by 0.033 percent for each quarter year of age that the member is over age 60, up to a maximum of 2.4 percent.

#### **Deferred Retirement**

#### Allowance

Any time after satisfying the minimum service requirement, a member may cease active service, leave the accumulated contributions on deposit, and later retire upon attaining the minimum age requirement.

#### **Allowance Factors**

#### **Credited Service**

For each year of membership, credited service is granted based on the ratio of salary earned to full-time salary earnable for one position.

The definition of creditable service has expanded to include activities that were previously considered non-creditable. No more than one full year of service credit is allowed during any school year; however, the contributions for any service in excess of one year are deposited to the member and employer contribution accounts within the Defined Benefit Supplement Program.

#### Final Compensation

Average salary earnable for the highest three consecutive years of credited service for one position. For members with 25 years of service, the calculation is based on the highest average annual compensation earnable in a consecutive 12-month period.

#### Sick Leave Service Credit

Credited service is granted for unused sick leave at the time of retirement. Sick Leave Service Credit cannot be used for eligibility for One-Year Final Compensation, the Career Bonus nor the Longevity Bonus.

#### Career Factor

If a member has thirty years of credited service, the age factor is increased by 0.2 percent. However, the maximum age factor is 2.4 percent.

#### Longevity Bonus

For members attaining 30 years of service by January 1, 2011, a longevity bonus of \$200 per month is added to the unmodified allowance. The bonus is increased to \$300 per month with 31 years of service, and \$400 per month with 32 or more years of service.

#### Post-Retirement Benefit Adjustment

#### Benefit Improvement Factor

2 percent simple increase on September 1 following the first anniversary of the effective date of the allowance, applied to all continuing allowances.

#### IRC Section 401(a)(17)

Compensation is limited under Internal Revenue Code Section 401(a)(17) and assumed to increase at the rate of inflation.

#### **IRC Section 415**

Benefits are subject to limits imposed under Internal Revenue Code Section 415. However, no limits are imposed in the valuation of the Defined Benefit Program in order to address the potential pay-asyou-go funding needs of the Teachers' Replacement Benefits Program Fund.

#### Disability Allowance - Coverage A

#### Eligibility Requirement

Member has five years of credited California service and has not attained age 60.

#### Allowance

50 percent of final compensation

#### or

5 percent of final compensation for each year of service credit if over age 45 with less than 10 years of service credit.

#### Children's Benefit

10 percent for each eligible dependent child, up to a maximum of 40 percent of final compensation. The increment for each eligible child continues until the child marries or attains age 22.

#### Offsets

Allowance, including children's increment, is reduced by disability benefits payable under Social Security, Workers' Compensation and employer-paid income protection plan.

### Disability Allowance - Coverage B

#### Eligibility Requirement

Member has five years of credited California service.

#### Allowance

50 percent of final compensation, regardless of age and service credit.

#### Children's Benefit

10 percent for each eligible child up to four children, for a maximum of 40 percent of final compensation. The increment for each child continues until the child attains age 21, regardless of student, marital or employment status.

#### Offsets

The member's allowance is reduced by disability benefits payable under Workers' Compensation.

#### Death Before Retirement - Coverage A

#### Eligibility Requirement

One or more years of service credit for active members or members receiving a disability allowance.

#### Lump-Sum Payment

The one-time death benefit recipient receives a \$6,163 lump-sum payment. If there is no surviving spouse or eligible children, the contributions and interest are paid to the designated beneficiary.

#### Allowance

The surviving spouse with eligible children will receive a family benefit of 40 percent of final compensation for as long as there is at least one eligible child. An additional 10 percent of final compensation is payable for each eligible child up to a maximum benefit of 90 percent.

If there is no surviving spouse, an allowance of 10 percent of final compensation is payable to eligible children up to a maximum benefit of 50 percent.

When there are no eligible children, the spouse may elect to receive one half of a 50 percent joint and survivor allowance projected to age 60 or take a lump-sum payment of the remaining contributions and interest.

#### Death Before Retirement - Coverage B

### Eligibility

One or more years of service credit for active members.

#### Lump-Sum Payment

The one-time death benefit recipient receives a \$24,652 lump-sum payment. If there is no surviving spouse, the contributions and interest are paid to the designated beneficiary.

#### Allowance

A lump-sum payment of the contributions and interest.

#### or

One half of a 50 percent joint and survivor allowance, beginning on the member's 60th birthday or immediately with a reduction based on the member and spouse's age at the time the benefit begins.

If the surviving spouse elects a monthly allowance, each eligible child would receive 10 percent of the member's final compensation, with a maximum benefit of 50 percent.

#### **Death After Retirement**

#### Lump-Sum Payment

The one-time death benefit recipient receives a \$6,163 lump-sum payment.

#### Annuity Form

If the retired member had elected one of the joint and survivor options, the retirement allowance would be modified in accordance with the option selected.

If no option had been elected, payment of the unpaid contributions and interest, if any, remaining in the member's account will be made to the deceased member's estate.

#### **Termination from CalSTRS**

#### Refund

Refund of the member's contributions with interest as credited to the member's account to date of withdrawal. A refund terminates membership and all rights to future benefits from the system.

#### Re-entry After Refund

Former members who re-enter the system may redeposit all amounts previously refunded plus regular interest. The member must earn one year of credited service after re-entry before becoming eligible for system benefits.

#### **Funding**

#### **Member Contribution**

Eight percent of creditable compensation. Two percent of creditable compensation is directed to the Defined Benefit Supplement Program through December 31, 2010, while six percent of creditable compensation remains with the Defined Benefit Program.

#### **Employers Contribution**

Eight percent of the total creditable compensation on which member contributions are based. In addition, funding for the Teachers' Health Benefits Fund and Teachers' Replacement Benefit Fund is directed as needed from the employer contributions on a pay-as-you-go basis.

#### plus

0.25 percent of the total creditable compensation on which members' contributions are based to pay costs for unused sick leave service credit.

#### State Contribution

The state pays 2.017 percent of the total creditable compensation of the fiscal year ending in the immediately preceding calendar year upon which members' contributions are based, calculated annually on October 1 and paid in four equal quarterly payments.

### plus

Up to 1.505 percent of the total creditable compensation of the fiscal year ending in the immediately preceding calendar year upon which members' contributions are based, calculated annually on October 1 and paid in four equal quarterly payments. This contribution is made if there is an unfunded obligation or normal cost deficit for benefits in effect on July 1, 1990.

## **Changes in Defined Benefit Program Provisions**

Since the last actuarial valuation, program amendments have been made that would affect the next actuarial valuation. The amendments described below were not considered for the June 30, 2003 actuarial valuation as they were effective after that date.

#### Effective January 1, 2004

#### Death Before Retirement - Coverage B

The definition of spouse for purposes of receiving a survivor benefit includes a person married to the member for less than 12 months prior to the accidental death of the member or for the period beginning prior to the occurrence of the injury or diagnosis of an illness that resulted in the member's death.

#### **Funding**

Reduces the General Fund contribution to the Supplemental Benefit Maintenance Account by \$500 million effective for the 2003/04 fiscal year.



## your voice;

"CalSTRS becomes an increasingly important source of information, because they are the only one who can answer your questions about how the plan works—like how your part-time teaching fits in."

## our commitment

We recognize that retirement information can be complex. Our commitment is to provide the information necessary for members to make informed decisions that impact their future.

To do this we have stepped up our staff training, are constantly improving the business tools staff used to assist members, and provide personalized information through Member Services, more than 80 benefits counselors and online at myCalSTRS.

All of the assumptions used in the actuarial valuation were adopted by the Teachers' Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. Following are the assumptions adopted by the Teachers' Retirement Board for this program.

 Table 1
 Post-retirement mortality table for sample ages

	Male	Female
Age	1999 CalSTRS Retired-M	1999 CalSTRS Retired-F
50	0.19%	0.12%
55	0.32	0.19
60	0.56	0.34
65	1.02	0.67
70	1.80	1.18
75	2.85	1.83
80	5.02	3.78
85	9.42	6.50
90	14.75	11.63
95	23.36	18.62

 Table 2
 Probabilities of retirement for sample ages

	Pa	st		Rev	rised	
		_		0 Years	30 or Mo	re Years
Age	Male	Female	Male	Female	Male	Female
55	5.0%	6.0%	3.0%	5.0%	6.0%	8.0%
60	20.0	12.0	7.0	10.0	25.0	30.0
65	20.0	19.0	14.0	16.0	27.0	27.0
70	100.0	100.0	100.0	100.0	100.0	100.0

Table 3 Probabilities of withdrawal from active service before age and service retirement for sample ages

		Pas	st				Re	Revised	Revised
		Entry A	Ages				Entr	Entry Ages	Entry Ages
Duration	25-29	30-34	35-39	40+	Under 25	Under 25 25-29	Under 25 25-29 30-34	Under 25 25-29 30-34 35-39	Under 25 25-29 30-34 35-39 40-44
MALE									
1	12.5%	12.5%	12.5%	12.5%	12.5%	12.5% 12.5%	12.5% 12.5% 12.5%	12.5% 12.5% 12.5% 12.5%	12.5% 12.5% 12.5% 12.5% 12.5%
2	9.5	9.2	9.2	9.5	7.7	7.7 7.7	7.7 7.7 7.7	7.7 7.7 7.7 7.7	7.7 7.7 7.7 7.7
3	6.8	6.8	6.8	7.2	6.3	6.3 5.4	6.3 5.4 5.4	6.3 5.4 5.4 5.4	6.3 5.4 5.4 5.4 5.4
4	5.8	5.8	5.8	6.2	4.4	4.4 4.4	4.4 4.4 4.4	4.4 4.4 4.4 4.4	4.4 4.4 4.4 4.4
5	4.2	4.2	4.2	4.2	3.9	3.9 3.0	3.9 3.0 3.0	3.9 3.0 3.0 3.0	3.9 3.0 3.0 3.0 3.0
10	2.0	2.0	2.0	2.4	2.0	2.0 2.0	2.0 2.0 2.0	2.0 2.0 2.0 2.0	2.0 2.0 2.0 2.0 2.4
15	1.1	1.1	1.2		1.1	1.1 1.1	1.1 1.1 1.1	1.1 1.1 1.1 1.2	1.1 1.1 1.1 1.2
20	0.6	0.6			0.6	0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
25	0.5				0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5
FEMALE									
1	10.0%	10.0%	10.0%	10.0%	10.0%	10.0% 10.0%	10.0% 10.0% 10.0%	10.0% 10.0% 10.0% 10.0%	10.0% 10.0% 10.0% 10.0% 10.0%
2	8.3	8.3	7.5	6.8	8.3	8.3 7.2	8.3 7.2 7.2	8.3 7.2 7.2 7.2	8.3 7.2 7.2 7.2 7.2
3	7.3	6.5	5.5	5.3	7.7	7.7 6.3	7.7 6.3 5.8	7.7 6.3 5.8 5.3	7.7 6.3 5.8 5.3 4.9
4	7.1	5.6	4.5	4.0	7.1	7.1 5.8	7.1 5.8 5.4	7.1 5.8 5.4 4.9	7.1 5.8 5.4 4.9 3.9
5	5.8	4.2	3.5	3.0	5.5	5.5 5.8	5.5 5.8 4.2	5.5 5.8 4.2 2.9	5.5 5.8 4.2 2.9 2.5
10	2.0	1.7	1.4	1.6	2.3	2.3 2.0	2.3 2.0 1.7	2.3 2.0 1.7 1.4	2.3 2.0 1.7 1.4 1.6
15	0.9	1.0	0.9		1.1	1.1 0.9	1.1 0.9 1.0	1.1 0.9 1.0 0.9	1.1 0.9 1.0 0.9
20	0.7	0.9			0.6	0.6 0.7	0.6 0.7 0.9	0.6 0.7 0.9	0.6 0.7 0.9
25	0.6				0.6	0.6 0.6	0.6 0.6	0.6 0.6	0.6 0.6

**Table 4** Assumption for pay increases due to promotions and longevity for sample ages (exclusive of the assumed general wage increase, which includes inflation)

	Entry Ages							
Duration	Under 25	25-29	30-34	35-39	40-44	45 +		
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%		
5	5.5	4.8	4.5	3.8	3.8	2.6		
10	3.2	3.0	2.7	2.3	2.2	1.6		
20	1.3	1.2	1.1	0.8	0.8	0.6		
30	0.9	0.7	0.6	0.5				
40	0.8	0.7						

 Table 5
 Economic assumptions

	Past	Revised
Consumer Price Inflation	3.50%	3.25%
Investment Yield	8.00	8.00
Wage Inflation	4.25	4.25
Interest on Member Accounts	6.00	6.00
Growth in Active Membership	0.00	0.00
Administrative Expenses	0.00*	0.00*

 $<sup>^{*}</sup>$  Provided by gross investment return

 Table 6
 Mortality assumptions

	Past	Revised
Retired Members		
MALE	1999 CalSTRS Retired-M	1999 CalSTRS Retired-M
FEMALE	1999 CalSTRS Retired-F	1999 CalSTRS Retired-F
<b>Active Members</b>		
MALE	1999 CalSTRS Retired-M (-2)	1999 CalSTRS Retired-M (-2)
FEMALE	1999 CalSTRS Retired-F (-2)	1999 CalSTRS Retired-F (-2)
Beneficiaries		
MALE	1999 CalSTRS Beneficiary-M	1999 CalSTRS Beneficiary-M
FEMALE	1999 CalSTRS Beneficiary-F	1999 CalSTRS Beneficiary-F
Pre-1972 Disabiliti	es	
MALE	1951 GAM-M (-1)	1994 GAM-M (Min. 2.5% with
		select rates in first 3 years)
FEMALE	1951 GAM-M (-7)	1994 GAM-F (Min. 2.2% with
		select rates in first 3 years)

 Table 7
 Termination from disability due to death

MALE	1994 GAM-M (Min. 2.5% with select rates in first 3 years)
FEMALE	1994 GAM-F (Min. 2.2% with select rates in first 3 years)

 Table 8
 Service retirement (sample ages)

		Past			Revised	
		Benefits			DB Progra	m Benefits
	Age	Pre-1999	1999	1990 Benefits	Under 30 years	30 or More Years
MALE	55	5.8%	5.0%	5.8%	3.0%	6.0%
	60	25.0	20.0	25.0	7.0	25.0
	65	20.0	20.0	20.0	14.0	27.0
	70	100.0	100.0	100.0	100.0	100.0
FEMALE	55	7.0%	6.0%	7.0%	5.0%	8.0%
	60	22.0	12.0	22.0	10.0	30.0
	65	18.0	19.0	18.0	16.0	27.0
	70	100.0	100.0	100.0	100.0	100.0

 Table 9
 Disability rates (sample ages)

	Coverage A	A		Coverage B							
	Age	Rate		P	Past		evised				
MALE	30	0.030%		Entry Age Under 40	Entry Age 40 and Up	Entry Age Under 40	Entry Age 40 and Up				
	40	0.081	MALE								
	50	0.159	30	0.030%		0.030%					
			35	0.051		0.051					
FEMALE	30	0.030%	40	0.120		0.120					
	40	0.090	45	0.150	0.196%	0.150	0.118%				
	50	0.219	50	0.195	0.288	0.195	0.202				
			55	0.270	0.390	0.270	0.312				
			FEMALE								
			30	0.030%		0.030%					
			35	0.051		0.051					
			40	0.090		0.090					
			45	0.141	0.231%	0.141	0.139%				
			50	0.231	0.360	0.231	0.252				
			55	0.318	0.459	0.318	0.367				

 Table 10
 Withdrawal rates (rates of termination by sample durations of membership and sample entry ages)

	Past					Revis	ed			
		Sample E	ntry Ages			Sample Entry Ages				
Duration	25-29	30-34	35-39	40+	Under 25	25-29	30-34	35-39	40-44	45+
MALE										
1	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
2	9.5	9.2	9.2	9.5	7.7	7.7	7.7	7.7	7.7	8.6
3	6.8	6.8	6.8	7.2	6.3	5.4	5.4	5.4	5.4	6.3
4	5.8	5.8	5.8	6.2	4.4	4.4	4.4	4.4	4.4	4.4
5	4.2	4.2	4.2	4.2	3.9	3.0	3.0	3.0	3.0	3.6
10	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.4	
15	1.1	1.1	1.2		1.1	1.1	1.1	1.2		
20	0.6	0.6			0.6	0.6	0.6			
25	0.5				0.5	0.5				
FEMALE										
1	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	8.3	8.3	7.5	6.8	8.3	7.2	7.2	7.2	7.2	7.2
3	7.3	6.5	5.5	5.3	7.7	6.3	5.8	5.3	4.9	4.9
4	7.1	5.6	4.5	4.0	7.1	5.8	5.4	4.9	3.9	3.9
5	5.8	4.2	3.5	3.0	5.5	5.8	4.2	2.9	2.5	2.5
10	2.0	1.7	1.4	1.6	2.3	2.0	1.7	1.4	1.6	
15	0.9	1.0	0.9		1.1	0.9	1.0	0.9		
20	0.7	0.9			0.6	0.7	0.9			
25	0.6				0.6	0.6				

Drobability	of r	ofund h	w cample	durations	of	membership	and	cample	ontry	2000
Probability	/ 01 10	eiuiiu l	ly Sallipit	aurations	ΟI	membersing	anu	Sample	enuy	ages

Probability of refund by sample durations of membership and sample entry ages											
		Pa	ıst			Revised					
		Sample E	ntry Ages		Sample Entry Ages						
Duration	25-29	30-34	35-39	40+		Under 25	25-29	30-34	35-39	40+	
MALE											
Under 5	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	
10	40.0	40.0	45.0	40.0		50.0	50.0	42.0	45.0	45.0	
15	40.0	35.0	35.0			42.0	42.0	36.0	30.0		
20	35.0	30.0				34.0	36.0	27.0			
25	20.0					24.0	27.0				
FEMALE											
Under 5	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	
10	25.0	30.0	30.0	25.0		40.0	35.0	36.0	36.0	35.0	
15	20.0	30.0	20.0			30.0	30.0	30.0	30.0		
20	20.0	20.0				25.0	20.0	20.0			
25	20.0					15.0	10.0				

**Table 11** Promotional salary increases (assumption for salaries due to promotions and longevity, exclusive of the assumed general wage increase)

	Sample Entry Ages (Unisex)								
Duration	Under 25	25-29	30-34	35-39	40-44	45+			
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%			
10	3.2	3.0	2.7	2.3	2.2	1.6			
20	1.3	1.2	1.1	0.8	0.8	0.6			
30	0.9	0.7	0.6	0.5					

 Table 12
 Schedule of active member valuation data

Date (as of June 30) (1)	Number	Annual Payroll	Annual Average Pay	% Increase In Average Pay
1997	364,000	\$14,371,068,403	\$39,481	2.3%
1998	385,530	15,725,658,541	40,790	3.3
1999	402,220	17,007,886,951	42,285	3.7
2000	420,530	18,224,271,726	43,336	2.5
2001	428,741	20,494,151,991	47,801	10.3
2003	448,478	23,867,427,680	53,219	11.3

<sup>(1)</sup> No actuarial report is prepared in even numbered years, except for June 30, 1998 and June 30, 2000 reports.

Table 13 Schedule of retired members and beneficiaries added to and removed from rolls

	Added to Rolls Removed from		ed from Rolls	olls Rolls-End of Year				
Date (as of June 30)	Number	Annual Allowances <sup>(1)</sup>	Number	Annual Allowances <sup>(1)</sup>	Number	Annual Allowances <sup>(1)</sup>	% Increase in Annual Allowances	Average Annual Allowances
1999	7,874	\$236,923	5,105	\$69,463	161,457	\$3,220,227	7.9%	\$19,945
2000	8,184	261,607	5,550	78,483	165,282	3,473,208	7.9	21,014
2001	9,513	369,689	5,694	92,039	170,972	4,006,345	15.3	23,433
2002(2)	10,516	448,243	5,629	97,482	177,072	4,438,853	10.8	25,068
2003	12,024	514,545	5,713	106,693	181,868	4,876,488	9.9	26,813
2004	13,167	558,292	5,944	113,075	193,245	5,497,706	12.7	28,449

<sup>(1)</sup> Dollars in thousands.

<sup>(2)</sup> Figures revised in 2003.

Table 14 Solvency test

	Aggreg	gate Accrued Liabilit	ties For		Fund	ing of Liabil	ities
*Valuation Date (as of June 30)	(1) Active Member Contributions on Deposit	(2) Future Benefits to Benefit Recipients	(3) Service Already Rendered by Active Members	Actuarial Value of Assets	(1)	(2)	(3)
1997	\$17,041	\$29,127	\$23,684	\$67,980	100.0%	100.0%	92.1%
1998	18,451	31,158	24,625	77,290	100.0	100.0	112.4
1999 <sup>(a)</sup>	19,940	33,019	33,390	90,001	100.0	100.0	110.9
2000	21,337	36,238	35,549	102,225	100.0	100.0	125.6
2001 <sup>(b)</sup>	22,661	41,513	45,707	107,654	100.0	100.0	95.1
2003 <sup>(c)</sup>	24,313	52,128	55,336	108,667	100.0	100.0	58.2

<sup>\*</sup>No actuarial report is prepared in even-numbered years, except for the June 30, 1998 and June 30, 2000 reports. No estimation using actuarial methodology is made in years between valuations.

Table 15 Analysis of financial experience (gains and losses in unfunded actuarial obligation resulting from differences between assumed and actual experience) (dollars in millions)

	Actuarial Valuation as of June			
	30			
	2003	2001		
Actuarial Obligation at June 30:	(2001) \$109,881	(2000) \$93,124		
2000 Benefits Increase		5,606		
Normal Cost	7,082	3,006		
Benefit Payments	(9,091)	(3,842)		
Expected Interest	18,134	7,985		
Expected Actuarial Obligation at June 30:	126,006	105,879		
Expected Actuarial Value of Assets at June 30:	123,163	114,075		
Expected Unfunded Actuarial Obligation at June 30:	2,843	(8,196)		
Actuarial (Gains) & Losses				
Change in Actuarial Assumptions	2,787			
Investment Return Assumption	14,496	6,421		
Demographic Assumptions	2,855	3,752		
Net Change Other Sources	129	250		
Total Actuarial (Gains) & Losses	20,267	10,423		
Unfunded Actuarial Obligation at June 30:	\$23,110	\$2,227		

<sup>(</sup>a) Effective January 1, 1999, program changed to increase retirement multiplier and add career factor and service credit for unused sick leave.

<sup>(</sup>b) Effective January 1, 2001, program changed to provide one-year final compensation with 25 years of service, Longevity Bonus with 30 or more years of service, and an ad hoc improvement of up to 6 percent monthly, depending upon benefit effective date.

(6) Effective January 1, 2002, program changed to direct 25 percent of the 8 percent member contributions to the Defined Benefit Supplement Program.

# Defined Benefit Supplement Program

Actuary's Certification Letter

A MILLIMAN GLOBAL FIRM



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November 18, 2004

Teachers' Retirement Board California State Teachers' Retirement System

Re: Valuation of the Defined Benefit Supplement Program

Dear Members of the Board:

We have performed an actuarial valuation of the Defined Benefit Supplement Program of the California State Teachers' Retirement System as of June 30, 2003. Our findings indicate the projected income stream from contributions will be sufficient to pay the Normal Costs. However, the DBS Program had an Unfunded Actuarial Obligation of \$47,366,000 as of June 30, 2003, which will be amortized in the future by earnings in excess of the Minimum Interest Rate or supplemental employer contributions.

Actuarial valuations are performed as of June 30 of each year.

In preparing the 2003 valuation, we relied upon the financial information and membership data furnished by the System. Although we did not audit this data, we compared the data for this and the prior valuation and tested for reasonableness. Based on these tests, we believe the data to be sufficiently accurate for the purposes of our calculations. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

Milliman did not prepare Schedules I and II, nor the summary of actuarial methods and assumptions in Schedule II of the Financial Section, nor the information included in this Actuarial Section of the 2004 Comprehensive Annual Financial Report. However, the actuarial information contained in Schedule I of the Financial Section and in this Actuarial Section was derived from our June 30, 2003 actuarial valuation report.

The Teachers' Retirement Board has sole authority to determine the actuarial assumptions and methods used for the DBS Program. The Board adopted all of the actuarial methods and assumptions used in the 2003 valuation.

The findings have been determined according to actuarial assumptions and methods that were chosen on the basis of recent experience of the DBS Program and of current expectations concerning future economic conditions. In our opinion, the assumptions used in the actuarial valuation are appropriate for purposes of the valuation, are internally consistent, and reflect reasonable expectations. The assumptions represent our best estimate of future conditions affecting the DBS Program. Nevertheless, the emerging costs of the DBS Program will vary from those presented in this report to the extent that actual experience differs from that projected by the assumptions.



Teachers' Retirement Board November 18, 2004 Page 2

I certify that the information included in this report is complete and accurate to the best of my knowledge and belief. The actuarial valuation was prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Standards of Practice adopted by the Actuarial Standards Board of the American Academy of Actuaries. In addition, the assumptions and methods used meet the parameters set for disclosures by Statement No. 25 of the Governmental Accounting Standards Board.

Milliman has been engaged by CalSTRS as an independent actuary. The undersigned is a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries, an Enrolled Actuary, and experienced in performing valuations for large public employee retirement systems.

In conclusion, based on the current actuarial assumptions, the DBS Program of the California State Teachers' Retirement System is an actuarially sound program.

Respectfully submitted,

Mark O. Johnson, F.S.A., M.A.A.A., E.A.

Principal and Consulting Actuary

# Defined Benefit Supplement Program

# Summary of Actuarial Assumptions and Methods

CalSTRS, through its consulting actuary, will perform an experience study at least every four years to determine appropriate demographic and economic assumptions. These assumptions are then applied every year when the consulting actuary performs an actuarial valuation to monitor the funding status of the Defined Benefit Supplement Program. The most recent actuarial valuation was completed June 30, 2003, and adopted by the Teachers' Retirement Board June 3, 2004. The following summary and tables were prepared by CalSTRS staff. All information is considered in the June 30, 2003, actuarial valuation.

The Defined Benefit Supplement Program was established January 1, 2001 and, therefore, has not yet existed for a sufficient period of time to allow completion of the first experience study. The economic and demographic assumptions were based on those adopted for the Defined Benefit Program by the Board on March 4, 2004, and used to complete the latest actuarial valuation. Both the Defined Benefit Program and Defined Benefit Supplement Program share the same population, so it is reasonable to use most of the same assumptions for both programs. All of the assumptions used in the actuarial valuation were adopted by the Teachers Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. Following are the assumptions adopted by the Teachers' Retirement Board for this program.

- Investment return rate is 8.00 percent
- Method used to value plan assets for actuarial valuation purposes: Fair market value.
- Assumption for general wage increase is 4.25 percent, of which 3.25 percent is due to inflation and 1.00 percent is due to expected gains in productivity.
- The actuarial cost method used by the program is the traditional unit cost credit method.
- The Defined Benefit Supplement Program does not provide cost-of-living adjustments for benefit recipients.

## Discussion of recent changes in:

*The nature of the program*—The Defined Benefit Supplement Program is a relatively new program, established January 1, 2001. All provisions of the program were considered when completing the most recent actuarial valuation.

Since the actuarial valuation of June 30, 2002, program amendments have been made that have affected both the June 30, 2003 experience study and the June 30, 2003 actuarial valuation. These program amendments include:

#### Effective July 1, 2002

- The definition of creditable service was expanded to include activities that were previously considered non-creditable.
- Contributions for any service in excess of one year are deposited to the member and employer contribution accounts within the Defined Benefit Supplement Program.

**Actuarial Assumptions**—The following assumptions were used to complete the valuation for this program.

Neither the economic nor the demographic assumptions for the actuarial valuation as of June 30, 2003, affected the unfunded actuarial obligation. Those assumptions for this program will have minimal impact under the traditional unit credit cost method or only have significance when participants elect to annuitize the account balance. Under the program, a member must have at least \$3,500 in his or her account to elect to annuitize the account balance.

#### **Actuarial Methods**

Actuarial Cost Method Asset Valuation Method Traditional Unit Credit Fair Market Value

The actuarial methods used for the program's actuarial valuation as of June 30, 2003, result in an unfunded actuarial obligation of \$47,366,000.

CalSTRS contracts for many actuarial services. The current contractor, Milliman, has been CalSTRS' actuary since January 15, 2000.

There are no other specific assumptions that have a material impact on valuation results for this program.

# **Independent Actuarial Review**

Actuarial services for the California State Teachers' Retirement System are provided under contract by a qualified independent actuarial firm, with additional review provided by the staff actuary.

The work performed for CalSTRS by the independent actuarial firm may be reviewed by the Bureau of State Audits at the discretion of the Teachers' Retirement Board. Also, through the competitive bid process, the work of a prior actuary will be verified in a subsequent actuarial valuation performed by a new contract actuary. Should the same actuarial firm continue for a period of 10 years, provision is made for an independent review of that firm's work through an actuarial audit completed by another firm. These audit services are acquired using the competitive bid process.

The current actuarial consultant was retained on January 15, 2000, as a result of the competitive bid process.

# Summary of Defined Benefit Supplement Program Provisions

(The following tables and summary were prepared by CalSTRS staff. All information is considered in the June 30, 2003, actuarial valuation.)

#### Membership

## Eligibility Requirement

All members of the Defined Benefit Program who perform creditable service and earn creditable compensation after December 31, 2000, have a Defined Benefit Supplement account.

#### Member

An eligible employee with creditable service subject to coverage, who has contributions credited in the Program or is receiving an annuity from the Program.

#### **Account Balance**

#### Account Balance

Nominal accounts are established for the purpose of determining DBS benefits payable to the member. Accounts are credited with contributions, interest at the minimum interest rate, and, if applicable, additional earnings credits.

#### **Contributions**

One-quarter of the 8 percent (2 percent) of member contributions on creditable compensation is allocated to the member's DBS account through December 31, 2010.

In addition, member and employer contributions will be credited to the member's DBS account for service greater that one year and compensation for limited term enhancements and retirement incentives.

#### Minimum Interest Rate

Annual rate determined for the plan year by the Teachers' Retirement Board in accordance with federal laws and regulations. The minimum interest rate is equal to the average of the yields on 30-year Treasury Notes for the twelve months ending in February preceding the beginning of the plan year, rounded to the next highest 0.25 percent. The minimum interest rate is not less than the rate at which interest is credited under the Defined Benefit Program.

#### Additional Earnings Credit

Annual rate determined for the plan year by the Teachers' Retirement Board based on the actual earnings during the plan year but only to the extent the earnings are sufficient to credit the minimum interest rate and provide any additions to the gain and loss reserve deemed warranted by the board.

#### Additional Annuity Credit

Annual rate determined for the plan year by the Teachers' Retirement Board based on the actual earnings during the plan year, but only to the extent the earnings are sufficient to credit the minimum interest rate and provide any additions to the gain and loss reserve deemed warranted by the Board.

#### **Normal Retirement**

### Eligibility Requirement

Receipt of a corresponding benefit under the Defined Benefit Program.

#### Benefit

The account balance at the benefit effective date subject to limits imposed under Internal Revenue Code Section 415.

#### Form of Payment

The normal form of payment is a lump-sum distribution. Annuity options are available if the account balance is at least \$3,500.

#### **Early Retirement**

#### Eligibility Requirement

Same as Normal Retirement.

#### Benefit and Form of Payment

Same as Normal Retirement.

#### Late Retirement

#### Benefit and Form of Payment

Same as Normal Retirement.

Contributions and earnings may continue to be credited to the account balance.

#### **Deferred Retirement**

#### Benefit

A member must receive a DBS benefit when the corresponding benefit is received under the Defined Benefit Program.

# **Disability Benefit**

#### Eligibility Requirement

Receipt of a corresponding benefit under the DB Program.

#### Benefit

The account balance at the date the disability benefit becomes payable.



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CalSTRS has a staff devoted to just answering e-mail messages. As for this member's checks, more than 90 percent of CalSTRS recipients use the convenience and safety of direct deposit payments.

#### Form of Payment

Same as Normal Retirement. An annuity benefit is discontinued upon termination of the corresponding DB Program benefit.

#### **Death Before Retirement**

#### Eligibility Requirement

Deceased member has an account balance.

#### Benefit

The account balance at the date of death payable to the designated beneficiary.

#### Form of Payment

Similar to Normal Retirement.

#### **Death After Retirement**

## Eligibility Requirement

The deceased member was receiving an annuity.

#### Benefit

According to the terms of the annuity elected by the member.

#### Termination from the Program

#### Eligibility Requirement

Termination of all CalSTRS-covered employment.

#### Benefit and Form of Payment

Lump-sum distribution of the account balance as of the date of distribution. The benefit is payable one year from the termination of creditable service.

# Changes in Defined Benefit Supplement Program Provisions

There have been no program amendments that would affect an actuarial valuation of the Defined Benefit Supplement Program since the last CalSTRS annual financial report was issued. All program provisions were considered in the completion of the June 30, 2003, actuarial valuation.

# **Defined Benefit Supplement Program**

All of the assumptions used in the actuarial valuation were adopted by the Teachers' Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. Following are the assumptions adopted by the Teachers' Retirement Board for this program.

 Table 1
 Post-retirement mortality table for sample ages

	Male	Female
Age	1999 CalSTRS Retired-M	1999 CalSTRS Retired-F
50	0.19%	0.12%
55	0.32	0.19
60	0.56	0.34
65	1.02	0.67
70	1.80	1.18
75	2.85	1.83
80	5.02	3.78
85	9.42	6.50
90	14.75	11.63
95	23.36	18.62

 Table 2
 Probabilities of retirement for sample ages

	P	ast			Revis	sed	
				Under 3	0 years	30 or mo	re years
Age	Male	Female		Male	Female	Male	Female
55	5.0%	6.0%		3.0%	5.0%	6.0%	8.0%
60	20.0	12.0		7.0	10.0	25.0	30.0
65	20.0	19.0		14.0	16.0	27.0	27.0
70	100.0	100.0		100.0	100.0	100.0	100.0

Table 3 Probabilities of withdrawal from active service before age and service retirement for sample ages

			Past				
			Entry Ages			Î	
Duration	Under 25	25-29	30-34	35-39	40+	Ì	Under 2
MALE							
1	12.5%	12.5%	12.5%	12.5%	12.5%	Ì	12.5%
2	9.5	9.5	9.2	9.2	9.5		7.7
3	7.7	6.8	6.8	6.8	7.2		6.3
4	5.8	5.8	5.8	5.8	6.2		4.4
5	5.0	4.2	4.2	4.2	4.2		3.9
10	2.0	2.0	2.0	2.0	2.4		2.0
15	1.1	1.1	1.1	1.2		Ì	1.1
20	0.6	0.6	0.6				0.6
25	0.5	0.5				Ì	0.5
30	0.3						0.0
35	0.3					Ì	
40	0.3						
FEMALE						Ì	
1	10.0%	10.0%	10.0%	10.0%	10.0%		10.0%
2	8.3	8.3	8.3	7.5	6.8	Ì	8.3
3	7.7	7.3	6.5	5.5	5.3	Î	7.7
4	7.1	7.1	5.6	4.5	4.0	Ì	7.1
5	5.5	5.8	4.2	3.5	3.0	ĺ	5.5
10	2.3	2.0	1.7	1.4	1.6	Ì	2.3
15	1.1	0.9	1.0	0.9		Ì	1.1
20	0.6	0.7	0.9			Ì	0.6
25	0.6	0.6				ľ	0.6
30	0.3					Ì	0.0

Revised											
		Entry A	Ages								
Under 25	25-29	30-34	35-39	40-44	45+						
12.5%	12.5%	12.5%	12.5%	12.5%	12.5%						
7.7	7.7	7.7	7.7	7.7	8.6						
6.3	5.4	5.4	5.4	5.4	6.3						
4.4	4.4	4.4	4.4	4.4	4.4						
3.9	3.0	3.0	3.0	3.0	3.6						
2.0	2.0	2.0	2.0	2.4							
1.1	1.1	1.1	1.2								
0.6	0.6	0.6									
0.5	0.5										
0.0											
10.0%	10.0%	10.0%	10.0%	10.0%	10.0%						
8.3	7.2	7.2	7.2	7.2	7.2						
7.7	6.3	5.8	5.3	4.9	4.9						
7.1	5.8	5.4	4.9	3.9	3.9						
5.5	5.8	4.2	2.9	2.5	2.5						
2.3	2.0	1.7	1.4	1.6							
1.1	0.9	1.0	0.9								
0.6	0.7	0.9									
0.6	0.6										
0.0											

**Table 4** Assumption for pay increases due to promotions and longevity for sample ages (exclusive of the assumed general wage increase, which includes inflation)

	Entry Ages										
Duration	Under 25	25-29	30-34	35-39	40-44	45 +					
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%					
10	3.2	3.0	2.7	2.3	2.2	1.6					
20	1.3	1.2	1.1	0.8	0.8	0.6					
30	0.9	0.7	0.6	0.5							

#### Table 5 Economic assumptions

	Past	Revised
Consumer Price Inflation	3.50%	3.25%
Investment Yield	8.00	8.00
Wage Inflation	4.25	4.25
Interest on Member Accounts	8.00	8.00

#### Table 6 Mortality assumptions

Retired Members*							
MALE	1999 CalSTRS Retired-M						
FEMALE	1999 CalSTRS Retired-F						
Active Members							
MALE	1999 CalSTRS Retired-M (-2)						
FEMALE	1999 CalSTRS Retired-F (-2)						
Beneficiaries*							
MALE	1999 CalSTRS Beneficiary-M						
FEMALE	1999 CalSTRS Beneficiary-F						

<sup>\*</sup>Future retirees and beneficiaries are valued with a 2-year age setback.

 Table 7
 Termination from disability due to death

MALE	1994 GAM-M (Min. 2.5% with select rates in first 3 years)
FEMALE	1994 GAM-F (Min. 2.2% with select rates in first 3 years)

 Table 8 Service Retirement (sample ages)

Past		Rev	vised	
	Age		Under 30 years	30 or More Years
MALE	55	5.0%	3.0%	6.0%
	60	20.0	7.0	25.0
	65	20.0	14.0	27.0
	70	100.0	100.0	100.0
FEMALE	55	6.0%	5.0%	8.0%
	60	12.0	10.0	30.0
	65	19.0	16.0	27.0
	70	100.0	100.0	100.0

# **Defined Benefit Supplement Program**

 Table 9
 Disability rates (sample ages)

		Past			Revised	
	Age	Entry Age Under 40	Entry Age 40 and Up	Age	Entry Age Under 40	Entry Age 40 and Up
MALE	25	0.021%		25	0.021%	
	30	0.030		30	0.030	
	35	0.051		35	0.051	
	40	0.120		40	0.120	
	45	0.150	0.196%	45	0.150	0.118%
	50	0.195	0.288	50	0.195	0.202
	55	0.270	0.390	55	0.270	0.312
				60	0.329	0.477
				65	0.370	0.853
FEMALE	25	0.030%		25	0.030%	
	30	0.030		30	0.030	
	35	0.051		35	0.051	
	40	0.090		40	0.090	
	45	0.141	0.231%	45	0.141	0.139%
	50	0.231	0.360	50	0.231	0.252
	55	0.318	0.459	55	0.318	0.367
				60	0.390	0.530
				65	0.458	0.916

 Table 10
 Withdrawal rates (rates of termination by sample duration of membership and sample entry ages)

	Past							Revis	sed		
	Sample Entry Ages							Sample En	try Ages		
Duration	Under 25	25-29	30-34	35-39	40+	Under 25	25-29	30-34	35-39	40-44	45+
MALE											
1	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
2	9.5	9.5	9.2	9.2	9.5	7.7	7.7	7.7	7.7	7.7	8.6
3	7.7	6.8	6.8	6.8	7.2	6.3	5.4	5.4	5.4	5.4	6.3
4	5.8	5.8	5.8	5.8	6.2	4.4	4.4	4.4	4.4	4.4	4.4
5	5.0	4.2	4.2	4.2	4.2	3.9	3.0	3.0	3.0	3.0	3.6
10	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.4	
15	1.1	1.1	1.1	1.2		1.1	1.1	1.1	1.2		
20	0.6	0.6	0.6			0.6	0.6	0.6			
25	0.5	0.5				0.5	0.5				
FEMALE											
1	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	8.3	8.3	8.3	7.5	6.8	8.3	7.2	7.2	7.2	7.2	7.2
3	7.7	7.3	6.5	5.5	5.3	7.7	6.3	5.8	5.3	4.9	4.9
4	7.1	7.1	5.6	4.5	4.0	7.1	5.8	5.4	4.9	3.9	3.9
5	5.5	5.8	4.2	3.5	3.0	5.5	5.8	4.2	2.9	2.5	2.5
10	2.3	2.0	1.7	1.4	1.6	2.3	2.0	1.7	1.4	1.6	
15	1.1	0.9	1.0	0.9		1.1	0.9	1.0	0.9		
20	0.6	0.7	0.9			0.6	0.7	0.9			
25	0.6	0.6				0.6	0.6				

 Table 11
 Promotional salary increases (assumption for salaries due to promotions and longevity, exclusive of the assumed general wage increase)

	Sample Entry Ages (Unisex)										
Duration	Under 25	25-29	30-34	35-39	40-44	45+					
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%					
10	3.2	3.0	2.7	2.3	2.2	1.6					
20	1.3	1.2	1.1	0.8	0.8	0.6					
30	0.9	0.7	0.6	0.5							

# **Defined Benefit Supplement Program**

 Table 12
 Schedule of active member valuation data

Date (as of June 30)	Number	Annual Payroll	Annual Average Pay	% Increase in Average Pay
2001	428,741*	\$20,494,152,000	\$47,801	na
2002	442,208	21,731,775,000	49,144	2.810%
2003	447,620	23,867,428,000	53,316	8.489

<sup>\*</sup> The Defined Benefit Supplement Program was established January 1, 2001. The first actuarial valuation was conducted for the program as of June 30, 2002; however, an actuarial study was performed as of June 30, 2001.

**Table 13** Schedule of retired members and beneficiaries added to and removed from rolls

	Adde	ed to Rolls*	Removed from Rolls		Rolls-End of Year			
Date (as of June 30)	Number	Annual Allowance	Number	Annual Allowance	Number	Annual Allowance	% Increase in Annual Allowances	Average Annual Allowances
2001	0	\$0	0	\$0	0	\$0	0%	\$0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	1,929	2,143,745	2	3,450	1,927	2,140,295	100	1,110

<sup>\*</sup> The Defined Benefit Supplement Program was established January 1, 2001. As of June 30, 2003 all members who had retired or become disabled had elected a lump-sum distribution. No annuities had been paid.

Table 14 Solvency Test

	Aggregate Accrue	ed Liabilitites for							
	(1)	(2)	(3)		Funding of Liabilities				
Valuation Date (as of June 30)	Active Member Contributions on Deposit	Future Benefits to Benefit Recipients	Service Already Rendered by Active Members	Actuarial Value of Assets	(1)	(2)	(3)		
2001*	\$213,169,000	\$0	\$0	\$206,916,000	97.0%	na	na		
2002	711,440,000	0	0	660,148,000	93.0	na	na		
2003	1,358,635,000	0	0	1,311,269,000	97.0	na	na		

<sup>\*</sup>The Defined Benefit Supplement Program was established January 1, 2001. The first actuarial valuation was conducted for the program as of June 30, 2002; however an actuarial study was performed as of June 30, 2001.

 Table 15
 Analysis of financial experience

	Actuarial Valuation as of June 30					
	2003	2002				
Actuarial Accrued Liability	\$1,358,635,000	\$711,440,000				
Actuarial Value of Assets	1,311,269,000	660,148,000				
Unfunded Actuarial Accrued Liability (UAAL)	47,366,000	51,292,000				
Funded Ratio	97%	93%				

# Cash Balance Benefit Program Actuary's Certification Letter



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November 18, 2004

Teachers' Retirement Board California State Teachers' Retirement System

Re: Valuation of the Cash Balance Benefit Program

Dear Members of the Board:

We have performed an actuarial valuation of the Cash Balance Benefit Program of the California State Teachers' Retirement System as of June 30, 2003. Our findings indicate the projected income stream from contributions will be sufficient to pay the Normal Costs. However, the CBB Program had an Unfunded Actuarial Obligation of \$3,874,000 as of June 30, 2003, which will be amortized in the future by earnings in excess of the Minimum Interest Rate or supplemental employer contributions.

Actuarial valuations are performed as of June 30 of each year.

In preparing the 2003 valuation, we relied upon the financial information and membership data furnished by the System. Although we did not audit this data, we compared the data for this and the prior valuation and tested for reasonableness. Based on these tests, we believe the data to be sufficiently accurate for the purposes of our calculations. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

Milliman did not prepare Schedules I and II, nor the summary of actuarial methods and assumptions in Schedule II of the Financial Section, nor the information included in this Actuarial Section of the 2004 Comprehensive Annual Financial Report. However, the actuarial information contained in Schedule I of the Financial Section and in this Actuarial Section was derived from our June 30, 2003 actuarial valuation report.

The Teachers' Retirement Board has sole authority to determine the actuarial assumptions and methods used for the CBB Program. The Board adopted all of the actuarial methods and assumptions used in the 2003 valuation.

The findings have been determined according to actuarial assumptions and methods that were chosen on the basis of recent experience of the CBB Program and of current expectations concerning future economic conditions. In our opinion, the assumptions used in the actuarial valuation are appropriate for purposes of the valuation, are internally consistent, and reflect reasonable expectations. The assumptions represent our best estimate of future conditions affecting the CBB Program. Nevertheless, the emerging costs of the CBB Program will vary from those presented in this report to the extent that actual experience differs from that projected by the assumptions.



Teachers' Retirement Board November 18, 2004 Page 2

I certify that the information included in this report is complete and accurate to the best of my knowledge and belief. The actuarial valuation was prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Standards of Practice adopted by the Actuarial Standards Board of the American Academy of Actuaries. In addition, the assumptions and methods used meet the parameters set for disclosures by Statement No. 25 of the Governmental Accounting Standards Board.

Milliman has been engaged by CalSTRS as an independent actuary. The undersigned is a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries, an Enrolled Actuary, and experienced in performing valuations for large public employee retirement systems.

In conclusion, based on the current actuarial assumptions, the CBB Program of the California State Teachers' Retirement System is an actuarially sound program.

Respectfully submitted,

Mark O. Johnson, F.S.A., M.A.A.A., E.A.

Principal and Consulting Actuary

# Summary of Actuarial Assumptions and Methods

CalSTRS, through its consulting actuary, will perform an experience study at least every four years to determine appropriate demographic and economic assumptions. These assumptions are then applied every year when the consulting actuary performs an actuarial valuation to monitor the funding status of the Cash Balance Benefit Program. The most recent actuarial valuation was completed as of June 30, 2003, and adopted by the Teachers' Retirement Board June 3, 2004. The following summary and tables were prepared by CalSTRS staff. All information is considered in the June 30, 2003, actuarial valuation.

The Cash Balance Benefit Program was established July 1, 1996. The most recent experience study of the program was completed June 30, 2003. The experience study was adopted by the Teachers' Retirement Board on March 4, 2004, and used to complete the latest actuarial valuation. All of the assumptions used in the actuarial valuation were adopted by the Teachers' Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. Following are the assumptions adopted by the Teachers' Retirement Board for this program.

- Investment return rate is 8.00 percent.
- Method used to value plan assets for actuarial valuation purposes: Fair market value.
- Assumption for general wage increase is 4.25 percent, of which 3.25 percent is due to inflation and 1.00 percent is due to expected gains in productivity.
- The actuarial cost method used by the program is the traditional unit credit cost method.
- The Cash Balance Benefit Program does not provide cost-ofliving adjustments for benefit recipients.

# Discussion of recent changes in:

*The nature of the program*—The Cash Balance Benefit Program is a relatively new program, established July 1, 1996. All provisions of the program were considered when completing the most recent actuarial valuation.

*Actuarial assumptions*—The following assumptions were used to complete the valuation for this program.

Neither the economic nor the demographic assumptions for the actuarial valuation as of June 30, 2003, affected the unfunded actuarial obligation. Those assumptions for this program will have minimal impact under the traditional unit credit cost method or only have significance when participants elect to annuitize the account balance.

Under the program, a participant must have at least \$3,500 in his or her account to elect to annuitize the account balance.

#### **Actuarial Methods**

Actuarial Cost Method Asset Valuation Method Traditional Unit Credit Fair Market Value

The actuarial methods used for the program's actuarial valuation as of June 30, 2003, result in an unfunded actuarial obligation of \$3,874,000.

CalSTRS contracts for many actuarial services. The current contractor, Milliman, has been CalSTRS' actuary since January 15, 2000.

There are no other specific assumptions that have a material impact on valuation results for this program.

# **Independent Actuarial Review**

Actuarial services for the California State Teachers' Retirement System are provided under contract by a qualified independent actuarial firm, with additional review provided by the staff actuary.

The work performed for CalSTRS by the independent actuarial firm may be reviewed by the Bureau of State Audits at the discretion of the Teachers' Retirement Board. Also, through the competitive bid process, the work of a prior actuary will be verified in a subsequent actuarial valuation performed by a new contract actuary. Should the same actuarial firm continue for a period of 10 years, provision is made for an independent review of that firm's work through an actuarial audit completed by another firm. These audit services are acquired using the competitive bid process.

The current actuarial consultant was retained on January 15, 2000, as a result of the competitive bid process.

# Summary of Cash Balance Benefit Program Provisions

(The following tables and summary were prepared by CalSTRS staff.
All information is considered in the June 30, 2003, actuarial valuation.)

#### Membership

#### Eligibility Requirement

Membership if employed at less than 50 percent of a full-time position for a California school district, community college district or county office of education that has elected to offer the Cash Balance Benefit Program.

#### Participant

An eligible employee with creditable service subject to coverage who has contributions credited in the program or is receiving an annuity from the program.

#### **Account Balance**

#### Account Balance

Nominal accounts established for the purpose of determining benefits payable to the participant. Accounts are credited with contributions, minimum interest rate and additional earnings credits.

#### **Contributions**

Generally, participant contributions are 4 percent of salary and employer contributions are 4 percent of salary.

Rules for contribution rates may differ for participants covered by a collective bargaining agreement, but the sum of the participant and employer contributions must equal or exceed 8 percent of salary, and in no event can the employer contribution rate be less than 4 percent of salary.

The Teachers' Retirement Board may adjust employer contributions for a fixed number of years, but the adjustment shall not exceed 0.25 percent of salaries in any plan year.

#### Minimum Interest Rate

Annual rate determined for the plan year by the Teachers' Retirement Board in accordance with federal laws and regulations. The minimum interest rate is equal to the average of the yields on 30-year Treasury Notes for the twelve months ending in February preceding the beginning of the plan year, rounded to the next highest 0.25 percent.

#### Additional Earnings Credit

Annual rate determined for the plan year by the Teachers' Retirement Board based on the actual earnings during the plan year, but only to the extent the earnings are sufficient to credit the minimum interest rate and provide any additions to the gain and loss reserve deemed warranted by the board.

#### Additional Annuity Credit

Annual rate determined for the plan year by the Teachers' Retirement Board based on the actual earnings during the plan year, but only to the extent the earnings are sufficient to credit the Minimum Interest Rate and provide any additions to the Gain and Loss Reserve deemed warranted by the Board.

#### Normal Retirement

# Eligibility Requirement

Age 60.

#### Benefit

The account balance at the retirement date subject to limits imposed under Internal Revenue Code Section 415.

#### Form of Payment

The normal form of payment is a lump-sum distribution. Annuity options are available if the sum of the employer and employee accounts equal or exceed \$3,500.

#### **Early Retirement**

### Eligibility Requirement

Age 55.

#### Benefit and Form of Payment

Same as Normal Retirement.

#### Late Retirement

### Benefit and Form of Payment

Same as Normal Retirement. Contibutions and interest continue to be credited to the account balances until distributed.

#### **Deferred Retirement**

#### Benefit

A participant may cease active service, leave the accumulated account balance on deposit and later retire upon attaining the minimum age requirement.

#### **Disability Benefit**

#### Eligibility Requirement

Determination by the Teachers' Retirement Board that the participant has a total and permanent disability.

#### Benefit

The account balance at the date of disability. An annuity benefit is discontinued if the participant is re-employed before age 60 and performs service creditable under the program.

#### Form of Payment

Same as Normal Retirement.

#### **Death Before Retirement**

#### Eligibility Requirement

Deceased participant has an account balance.

# Benefit

The account balance at the date of death payable to the designated beneficiary.

#### Form of Payment

Normal distribution is a lump-sum benefit. A participant's beneficiary may elect to receive the benefit in the form of either a single life annuity without a cash refund feature or a period-certain annuity if the sum of the balance of credits to the participant's employee and employer accounts equals or exceeds \$3,500.

#### Death After Retirement

#### Eligibility Requirement

The deceased participant was receiving an annuity.

#### Benefit

According to the terms of the annuity elected by the participant.

#### Termination from the Program

#### Eligibility Requirement

More than five years has elapsed since the most recent termination benefit, if any, has been paid.

#### Benefit and Form of Payment

Lump-sum distribution of the account balance as of the date of distribution. The benefit is payable one year from the termination of creditable service.

# Changes in Cash Balance Benefit Program Provisions

There have been no program amendments that would affect an actuarial valuation of the Cash Balance Benefit Program since the last CalSTRS annual financial report was issued. All program provisions were considered in the completion of the June 30, 2003, actuarial valuation.

# your voice;

"Every time anyone talks about retirement, it goes in one ear and out the other. It's so complicated. So it's easier for me to just get in the car and go to work, because I like what I do."

#### our commitment

CalSTRS continues to develop better financial education tools to explain complex information. We have rewritten a guide for new members and the retirement application package using more color and simpler language. We offer two workshops geared to early and mid-career educators that include the basics of financial planning. Our online calculators help with mathematical computations and we are developing a CD to explain retirement benefits.



All of the assumptions used in the actuarial valuation were adopted by the Teachers' Retirement Board when the experience study was adopted on March 4, 2004. Where an assumption was revised with this experience study, the assumption used with the past actuarial valuation is also displayed in the tables. Following are the assumptions adopted by the Teachers' Retirement Board for this program.

 Table 1
 Post-retirement mortality table for sample ages

	Male	Female
Age	1999 CalSTRS Retired-M	1999 CalSTRS Retired-F
50	0.19%	0.12%
55	0.32	0.19
60	0.56	0.34
65	1.02	0.67
70	1.80	1.18
75	2.85	1.83
80	5.02	3.78
85	9.42	6.50
90	14.75	11.63
95	23.36	18.62

 Table 2
 Probabilities of retirement for sample ages

	Past			Past Revis				ised	
			Under 30 Years		0 Years	30 or more Years			
Age	Male	Female		Male	Female	Male	Female		
55	5.0%	6.0%		3.0%	5.0%	6.0%	8.0%		
60	20.0	12.0		7.0	10.0	25.0	30.0		
65	20.0	19.0		14.0	16.0	27.0	27.0		
70	100.0	100.0		100.0	100.0	100.0	100.0		

Table 3 Probabilities of withdrawal from active service before age and service retirement for sample ages

			Past					Revis	sed			
		Е	ntry Ages					Entry A	Ages			
Duration	Under 25	25-29	30-34	35-39	40+	Under 25	25-29	30-34	35-39	40-44	45+	
MALE												
1	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	
2	9.5	9.5	9.2	9.2	9.5	7.7	7.7	7.7	7.7	7.7	8.6	
3	7.7	6.8	6.8	6.8	7.2	6.3	5.4	5.4	5.4	5.4	6.3	
4	5.8	5.8	5.8	5.8	6.2	4.4	4.4	4.4	4.4	4.4	4.4	
5	5.0	4.2	4.2	4.2	4.2	3.9	3.0	3.0	3.0	3.0	3.6	
10	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.4		
15	1.1	1.1	1.1	1.2		1.1	1.1	1.1	1.2			
20	0.6	0.6	0.6			0.6	0.6	0.6				
25	0.5	0.5				0.5	0.5					
30	0.3					0.0						
35	0.3											
40	0.3											
FEMALE												
1	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	
2	8.3	8.3	8.3	7.5	6.8	8.3	7.2	7.2	7.2	7.2	7.2	
3	7.7	7.3	6.5	5.5	5.3	7.7	6.3	5.8	5.3	4.9	4.9	
4	7.1	7.1	5.6	4.5	4.0	7.1	5.8	5.4	4.9	3.9	3.9	
5	5.5	5.8	4.2	3.5	3.0	5.5	5.8	4.2	2.9	2.5	2.5	
10	2.3	2.0	1.7	1.4	1.6	2.3	2.0	1.7	1.4	1.6		
15	1.1	0.9	1.0	0.9		1.1	0.9	1.0	0.9			
20	0.6	0.7	0.9			0.6	0.7	0.9				
25	0.6	0.6				0.6	0.6					
30	0.3					0.0						
35	0.3											
40	0.3											

**Table 4** Assumption for pay increases due to promotions and longevity for sample ages (exclusive of the assumed general wage increase, which includes inflation)

	Entry Ages							
Duration	Under 25	25-29	30-34	35-39	40-44	45 +		
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%		
2	5.6	5.2	4.9	4.7	4.7	3.3		
3	5.6	5.0	4.8	4.6	4.6	3.0		
4	5.5	4.9	4.6	4.4	4.4	2.9		
5	5.5	4.8	4.5	3.8	3.8	2.6		
10	3.2	3.0	2.7	2.3	2.2	1.6		
15	1.5	1.5	1.4	1.1	1.1	0.8		
20	1.3	1.2	1.1	0.8	0.8	0.6		
25	1.1	1.0	0.9	0.6	0.6			
30	0.9	0.7	0.6	0.5				
35	0.8	0.7	0.6					
40	0.8	0.7						
45	0.8							

 Table 5
 Economic assumptions

	Past	Revised
Consumer Price Inflation	3.50%	3.25%
Investment Yield	8.00	8.00
Wage Inflation	4.25	4.25
Interest on Member Accounts	8.00	8.00

 Table 6
 Mortality assumptions

Retired Members				
MALE	1999 CalSTRS Retired-M			
FEMALE	1999 CalSTRS Retired-F			
Active Members				
MALE	1999 CalSTRS Retired-M (-2)			
FEMALE	1999 CalSTRS Retired-F (-2)			
Beneficiaries				
MALE	1999 CalSTRS Beneficiary-M			
FEMALE	1999 CalSTRS Beneficiary-F			

 Table 7
 Termination from disability due to death

MALE	1994 GAM-M (Min. 2.5% with select rates in first 3 years)
FEMALE	1994 GAM-F (Min. 2.2% with select rates in first 3 years)

 Table 8 Service Retirement (sample ages)

		Past	Revised		
	Age		Under 30 years	30 or More Years	
MALE	55	5.0%	3.0%	6.0%	
	60	20.0	7.0	25.0	
	65	20.0	14.0	27.0	
	70	100.0	100.0	100.0	
FEMALE	55	6.0%	5.0%	8.0%	
	60	12.0	10.0	30.0	
	65	19.0	16.0	27.0	
	70	100.0	100.0	100.0	

 Table 9
 Disability rates (sample ages)

		F	Past	Rev	ised
	Age	Entry Age Under 40	Entry Age 40 and Up	Entry Age Under 40	Entry Age 40 and Up
MALE	25	0.021%		0.021%	
	30	0.030		0.030	
	35	0.051		0.051	
	40	0.120		0.120	
	45	0.150	0.196%	0.150	0.118%
	50	0.195	0.288	0.195	0.202
	55	0.270	0.390	0.270	0.312
FEMALE	25	0.030%		0.030%	
	30	0.030		0.030	
	35	0.051		0.051	
	40	0.090		0.090	
	45	0.141	0.231%	0.141	0.139%
	50	0.231	0.360	0.231	0.252
	55	0.318	0.459	0.318	0.367

 Table 10
 Withdrawal rates (rates of termination by sample durations of membership and sample entry ages)

			Past					Revis	sed		
		Sam	ple Entry A	ges				Sample En	itry Ages		
Duration	Under 25	25-29	30-34	35-39	40+	Under 25	25-29	30-34	35-39	40-44	45 & Up
MALE											
1	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
2	9.5	9.5	9.2	9.2	9.5	7.7	7.7	7.7	7.7	7.7	8.6
3	7.7	6.8	6.8	6.8	7.2	6.3	5.4	5.4	5.4	5.4	6.3
4	5.8	5.8	5.8	5.8	6.2	4.4	4.4	4.4	4.4	4.4	4.4
5	5.0	4.2	4.2	4.2	4.2	3.9	3.0	3.0	3.0	3.0	3.6
10	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.4	
15	1.1	1.1	1.1	1.2		1.1	1.1	1.1	1.2		
20	0.6	0.6	0.6			0.6	0.6	0.6			
25	0.5	0.5				0.5	0.5				
FEMALE											
1	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
2	8.3	8.3	8.3	7.5	6.8	8.3	7.2	7.2	7.2	7.2	7.2
3	7.7	7.3	6.5	5.5	5.3	7.7	6.3	5.8	5.3	4.9	4.9
4	7.1	7.1	5.6	4.5	4.0	7.1	5.8	5.4	4.9	3.9	3.9
5	5.5	5.8	4.2	3.5	3.0	5.5	5.8	4.2	2.9	2.5	2.5
10	2.3	2.0	1.7	1.4	1.6	2.3	2.0	1.7	1.4	1.6	
15	1.1	0.9	1.0	0.9		1.1	0.9	1.0	0.9		
20	0.6	0.7	0.9			0.6	0.7	0.9			
25	0.6	0.6				0.6	0.6				

 Table 11
 Promotional salary increases (assumption for salaries due to promotions and longevity, exclusive of the assumed general wage increase)

		Sample Entry Ages (Unisex)								
Duration	Under 25	25-29	30-34	35-39	40-44	45+				
1	5.7%	5.3%	5.1%	4.9%	4.9%	3.5%				
10	3.2	3.0	2.7	2.3	2.2	1.6				
20	1.3	1.2	1.1	0.8	0.8	0.6				
30	0.9	0.7	0.6	0.5						

 Table 12
 Schedule of active participant valuation data

Date (as of June 30)	Number	Annual Payroll	Annual Average Pay	% Increase In Average Pay
1998	3,505*	\$18,832,000	\$5,375	26.1%
1999	6,412*	50,426,000	7,864	46.3
2000	7,966	70,605,000	8,863	12.7
2001	11,274	97,921,000	8,686	(2.0)
2002	9,261	89,871,000	9,704	11.7
2003	8,980	81,080,000	9,029	(7.0)

 $<sup>*\</sup> Active\ participants\ with\ account\ balances.$ 

 Table 13
 Schedule of retired participants and beneficiaries added to and removed from rolls

	Added to Rolls* Rem		Remove	red from Rolls Roll		End of Year		
Date (as of June 30)	Number	Annual Allowances	Number	Annual Allowances	Number	Annual Allowances	% Increase in Annuual Allowances	Average Annual Allowances
1999	0	0	0	0	0	0	na	na
2000	0	0	0	0	0	0	na	na
2001	0	0	0	0	0	0	na	na
2002	0	0	0	0	0	0	na	na
2003	0	0	0	0	0	0	na	na
2004	3	\$4,819	0	0	3	\$4,819	100%	\$1,606

<sup>\*</sup>The Cash Balance Benefit Program was established July 1, 1996. As of June 30, 2003, all participants who had retired or become disabled had elected a lump-sum distribution. No annuities had been paid.

 Table 14
 Solvency test

	Aggregate Accrue	ed Liabilitites for						
	(1)	(2)	(3)		Funding of Liabilities			
Valuation Date (as of June 30)	Active Member Contributions on Deposit	Future Benefits to Benefit Recipients	Service Already Rendered by Active Members	Actuarial Value of Assets	(1)	(2)	(3)	
1998	\$1,727,705	\$0	\$0	\$2,083,000	120.6%	na	na	
1999	5,000,613	0	0	5,224,000	104.4	na	na	
2000	10,350,720	0	0	10,868,000	104.9	na	na	
2001	16,938,474	0	0	15,768,000	93.0	na	na	
2002	25,080,056	0	0	21,748,000	87.0	na	na	
2003	33,836,853	0	0	29,963,000	89.0	na	na	

 Table 15
 Analysis of financial experience

	Actuarial Valua	tion as of June 30
	2003	2002
Actuarial Accrued Liability	\$33,837,000	\$25,080,000
Actuarial Value of Assets	29,963,000	21,748,000
Unfunded Actuarial Accrued Liability (UAAL)	3,874,000	3,332,000
Funded Ratio	89%	87%

# your voice;

"I would like to find easier access to [home] loan information and personal account information."

#### our commitment

CalSTRS Web site, www.calstrs.com, provides much information including details on our Home Loan Program. Members can also use our online calculators, register for workshops and view or print publications. CalSTRS offers myCalSTRS, a secure, online access to select personal account information where members can also submit a change of address, get a copy of their annual statement or Form 1099-R, as well as securely send and receive questions and answers.



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# One and Done: Correct, consistent, complete and compassionate responses to every inquiry

your voice;

"I'd like to see more warm greetings and comfortable language."

#### our commitment

CalSTRS reviewed computer-generated letters, revising tone, organization and clarity. Focus groups offered additional suggestions. An annual review of computer-generated letters will keep us focused on members' needs and feelings.



# Defined Benefit Program

Note: Supplemental statistical tables are available upon request to CalSTRS Customer Service at 1-800-228-5453.

**Table 1** Schedule of revenues by source (dollars in millions)

Fiscal Year Ending June 30	Member Contributions	Employer Contributions	Percentage of Annual Covered Payroll	Investment Income	State of California (1)	Other Income	Total
2004	\$1,640.7	\$1,918.3	8.25%	\$16,354.3	\$548.7	(\$2.0)	\$20,460.0
2003	1,557.9	1,892.1	8.25	3,622.9	1,015.0	(0.1)	8,087.8
2002	1,381.9	1,721.4	8.25	(6,268.5)	915.8	(1.5)	(2,250.9)
2001	1,630.4	1,880.9	8.25	(10,230.9)	946.2	0.40	(5,773.0)
2000	1,529.8	1,587.7	8.25	12,689.8	939.2	0.20	16,746.7
1999	1,423.1	1,474.6	8.25	11,796.0	350.1	0.12	15,043.9
1998	1,302.8	1,371.4	8.25	12,949.5	1,004.6	0.70	16,629.0
1997	1,195.8	1,250.0	8.25	11,018.8	872.4	0.70	14,337.7
1996	1,089.0	1,140.8	8.25	7,463.7	754.8	0.10	10,448.4
1995	1,027.4	1,070.1	8.25	8,066.9	733.1	1.80	10,899.3

 $<sup>^{(1)}</sup>$  Includes Elder Full Funding, SBMA contributions and school lands revenue.

 Table 2
 Expenses by type (dollars in millions)

Fiscal Year Ending June 30	Benefit Payments	Administrative Expenses	Refunds	Misc	Total
2004	\$5,503.0	\$93.5	\$79.2	\$0.0	\$5,675.7
2003	4,933.5	72.1	78.7	0.1	5,084.3
2002	4,496.0	63.5	73.9	0.2	4,633.6
2001	3,954.0	54.5	77.5	0.0	4,086.0
2000	3,625.7	50.5	80.0	0.0	3,756.2
1999	3,343.1	44.7	74.6	(1.3) (1)	3,461.1
1998	3,103.2	36.3	69.0	0.0	3,208.5
1997	2,912.3	37.1	65.9	0.0	3,015.3
1996	2,749.7	36.2	69.2	0.0	2,855.1
1995	2,567.7	34.0	66.8	0.0	2,668.5

<sup>(1)</sup> Interfund interest expense on loan payable to Teachers' Retirement Fund at December 31, 1998, \$41,648. Equity transfer to Teachers' Retirement Fund recorded at fund closure \$1,285,093.

 Table 3
 Schedule of benefit expenses by type (dollars in millions)

	Age	& Service Bene	nefits Disability Benefits				Refunds	Refunds	
Fiscal Year Ending June 30	Retired Members	Survivors	Death in Service Benefits	Retired Members	Survivors	Death	Separation	Total	
2004	\$5,080.3	\$233.8	\$74.0	\$115.0	\$0.0	\$0.0	\$79.2	\$5,582.2	
2003	4,518.5	247.6	78.1	105.4	0.0	0.0	62.5	5,012.1	
2002	4,103.2	233.5	69.6	94.7	0.0	0.0	68.9	4,569.9	
2001	3,785.8	36.7	21.0	88.4	1.0	21.6	77.0	4,031.5	
2000	3,458.7	33.7	26.8	79.0	1.1	26.4	80.0	3,705.7	
1999	3,180.5	31.8	32.8	73.2	1.2	23.6	74.6	3,417.7	
1998	2,953.7	30.3	29.6	66.5	1.0	22.1	69.0	3,172.2	
1997	2,769.7	28.9	32.2	59.4	0.8	21.3	65.9	2,978.2	
1996	2,616.4	26.2	31.4	53.0	0.6	22.1	69.2	2,818.9	
1995	2,449.6	24.2	27.1	45.9	0.5	20.5	66.7	2,634.5	

**Table 4** Members retired for service during fiscal year 2003–2004 classified by unmodified benefit (1)

Monthly Unmodified  Benefit (2)	Count	Average Age at Retirement	Average Service Credit	Average Final Compensation	Average Benefit Payable
Less than \$500	604	61.4	6.511	\$3,001	\$321
500 - 1000	808	61.1	10.508	3,980	719
1000 - 1500	749	59.9	14.989	4,734	1,203
1500 - 2000	795	60.7	18.074	5,162	1,673
2000 - 2500	870	61.2	20.946	5,520	2,151
2500 - 3000	775	61.5	23.884	5,694	2,614
3000 - 3500	831	60.7	26.980	5,897	3,110
3500 - 4000	850	60.3	29.789	5,972	3,561
4000 - 4500	1,042	60.3	31.814	6,088	4,059
4500 - 5000	1,105	60.9	33.313	6,168	4,502
5000 - 6000	2,067	61.7	35.242	6,439	5,144
6000 & Greater	1,805	62.7	37.654	7,824	6,650
Totals	12,301	61.2 <sup>(3)</sup>	27.093 <sup>(3)</sup>	\$5,891 <sup>(3)</sup>	\$3,606 <sup>(3)</sup>

<sup>(1)</sup> Does not include formerly disabled members

<sup>(2)</sup> As of the June 30, 2004 population report the longevity bonus is included in the unmodified allowance (3) Overall averages

# **Defined Benefit Program**

 Table 5
 Members retired for service during fiscal year 2003–2004 (1) classified by age and joint and survivor annuity option elected (2)

						Options			
Age	Total	Unmodified	2	3	4	5	6	7	8
Under 55	43	25	4	0	0	0	7	6	1
55	257	143	18	5	0	1	59	30	1
56	784	406	50	18	4	5	179	122	0
57	784	353	58	21	5	1	176	166	4
58	910	400	66	21	6	6	208	198	5
59	969	461	64	26	2	2	212	192	10
60	1,257	578	81	30	7	4	291	254	12
61	1,534	709	98	31	7	6	376	297	10
62	1,696	785	130	34	13	4	393	325	12
63	1,024	486	75	29	5	3	220	194	12
64	755	379	57	9	4	4	175	118	9
65	580	302	34	20	4	2	106	104	8
66	444	245	33	8	3	3	71	76	5
67	297	163	25	5	5	2	49	45	3
68	196	116	5	5	1	1	31	34	3
69	187	109	14	6	1	0	29	25	3
70	145	89	10	6	0	0	19	18	3
71	125	83	8	2	1	0	12	12	7
72	87	54	10	0	1	3	12	6	1
73	65	38	2	4	0	1	11	8	1
74	40	22	6	2	0	0	4	6	0
75	35	25	2	1	0	0	3	3	1
Over 75	87	58	6	4	0	1	9	3	6
Age Unknown	0	0	0	0	0	0	0	0	0
Total	12,301	6,029	856	287	69	49	2,652	2,242	117

<sup>(1)</sup> Does not include formerly disabled members
(2) See Plan Summary for description of Joint and Survivor Options

 Table 6
 Characteristics of members going on disability

Fiscal Year Ending June 30	Count	Average Disability Allowance Payable	Average Service Credit	Average Final Compensation	Average Age at Disability
1995	469	\$1,851	15.914	\$3,656	51.3
1996	496	1,859	15.952	3,641	51.9
1997	464	1,923	15.660	3,883	52.0
1998	451	1,989	14.446	3,906	52.3
1999	414	2,114	15.630	4,027	52.2
2000	454	2,124	15.224	4,190	52.6
2001	486	2,270	15.802	4,476	53.9
2002	554	2,272	14.840	4,580	53.6
2003	614	2,385	14.894	4,849	53.0
2004	580	2,409	14.453	4,899	53.3

 Table 7
 Number of benefit recipients by type of benefit

Fiscal Year Ending June 30	Service Retirement	Disability Benefits	Benefits for Survivors	Total Benefit Recipients
1995	130,576	5,331	10,898	146,805
1996	133,764	5,540	11,501	150,805
1997	135,809	5,676	12,154	153,639
1998	139,193	5,758	12,796	157,747
1999	142,309	5,822	13,326	161,457
2000	145,415	5,885	13,982	165,282
2001	149,727	6,477	14,768	170,972
2002	154,884	6,723	15,465	177,072 (1)
2003	159,172	6,949	15,747	181,868
2004	169,022	7,311	16,912	193,245

<sup>(1)</sup> Disability and survivor counts revised in 2003

# **Defined Benefit Program**

 Table 8
 Members retired for service characteristics by year of retirement (Does not include formerly disabled members)

Effective Date of Retirement by Service Credit	Number of Retirements	Average Service Credit	Average Unmodified Benefit	Average Final Compensation	Age At Retirement
7/1/1994 thru 6/30/1995	7,140	26.5	\$1,984	\$4,030	61.1
7/1/1995 thru 6/30/1996	6,985	26.6	\$2,171	\$4,110	61.3
7/1/1996 thru 6/30/1997	6,011	26.6	\$2,210	\$4,206	60.9
7/1/1997 thru 6/30/1998	7,332	26.8	\$2,310	\$4,345	60.8
7/1/1998 thru 6/30/1999	7,248	27.2	\$2,706	\$4,541	61.2
7/1/1999 thru 6/30/2000					
0 - 5	92	2.2	\$ 279	_	-
5 - 10	519	7.6	504	_	-
10 - 15	658	12.5	994	_	-
15 - 20	694	17.6	1,512	_	-
20 - 25	900	22.5	2,099	_	-
25 - 30	960	27.4	2,733	-	-
30 - 35	1,968	32.5	3,487	_	_
35 - 40	1,382	37.1	4,495	_	-
40 & over	383	42.3	5,532	_	-
Total	7,556	26.8	\$2,872	\$4,688	61.3
7/1/2000 thru 6/30/2001 <sup>(1)</sup>					
0 - 5	86	2.3	\$ 226	_	-
5 - 10	505	7.3	513	_	-
10 - 15	661	12.6	1,067	_	-
15 - 20	707	17.4	1,594	_	-
20 - 25	821	22.4	2,165	-	-
25 - 30	988	27.3	3,076	_	_
30 - 35	2,446	32.6	4,138	-	-
35 - 40	2,041	37.2	5,267	_	_
40 & over	446	42.1	6,417	-	-
Total	8,701	28.1	\$3,524	\$5,312	61.2
7/1/2001 thru 6/30/2002 <sup>(1)</sup>					
0 - 5	86	2.4	\$ 228	_	_
5 - 10	499	7.3	512	-	-
10 - 15	679	12.6	1,093	_	_
15 - 20	860	17.4	1,714	-	-
20 - 25	886	22.3	2,387	_	_
25 - 30	1,081	27.1	3,288	-	-
30 - 35	2,912	32.7	4,536	_	_
35 - 40	2,277	37.2	5,738	-	-
40 & over	482	42.1	6,907	_	_
Total	9,762	28.3	\$3,869	\$5,686	61.1

 $<sup>^{(1)}</sup>$  The average unmodified benefit for this fiscal year includes the longevity bonus

 Table 8 continued
 Members retired for service characteristics by year of retirement (Does not include formerly disabled members)

Effective Date of Retirement by Service Credit	Number of Retirements	Average Service Credit	Average Unmodified Benefit	Average Final Compensation	Age At Retirement
7/1/2002 thru 6/30/2003 (1)					
0 - 5	103	2.4	\$ 206	_	_
5 - 10	674	7.2	525	_	-
10 - 15	749	12.6	1,149	_	_
15 - 20	1,074	17.5	1,821	_	-
20 - 25	1,063	22.6	2,494	_	_
25 - 30	1,212	27.1	3,372	_	-
30 - 35	3,384	32.7	4,640	_	-
35 - 40	2,444	37.2	5,855	_	-
40 & over	486	42.3	7,114	_	-
Total	11,189	27.9	\$3,879	\$5,807	61.2
7/1/2003 thru 6/30/2004 (1)					
0 - 5	116	2.4	\$ 242	_	-
5 - 10	883	7.2	559	_	_
10 - 15	944	12.6	1,178	_	-
15 - 20	1,277	17.6	1,864	_	_
20 - 25	1,200	22.5	2,614	_	-
25 - 30	1,393	27.1	3,416	_	-
30 - 35	3,495	32.6	4,761	_	-
35 - 40	2,477	37.2	5,919	_	_
40 & over	516	42.1	7,255	_	-
Total	12,301	27.1	\$3,817	\$5,891	61.2

 $<sup>^{(1)}</sup>$  The average unmodified benefit for this fiscal year includes the longevity bonus

# Defined Benefit Supplement Program

 Table 1
 Schedule of revenues by source (dollars in millions)

Fiscal Year Ending June 30	Member Contributions	Employer Contributions	Investment Income	State of California	Other Income	Total
2004	\$565.8	\$125.3	\$247.6	\$0.0	\$0.0	\$938.7
2003	532.6	72.2	63.9	0.0	0.0	668.7
2002	487.2	0.0	(27.7)	0.0	(3.9)	455.6
2001	210.2	0.0	(0.2)	0.0	0.0	210.0

 Table 2
 Expenses by type (dollars in millions)

Fiscal Year Ending June 30	Benefit Payments	Administrative Expenses	Refunds	Misc	Total
2004	\$42.0	\$1.2	\$3.1	\$0.0	\$46.3
2003	16.4	0.6	0.7	0.0	17.7
2002	5.0	0.3	0.0	0.0	5.3
2001	0.0	0.1	0.0	0.0	0.1

 Table 3
 Schedule of benefit expenses by type (dollars in millions)

	Age & Service Benefits			Disability Benefits		Refunds		
Fiscal Year Ending June 30	Retired Members	Survivors	Death in Service Benefits	Retired Members	Survivors	Death	Separation	Total
2004	\$39.0	\$0.2	\$0.0	\$1.6	\$0.0	\$1.1	\$3.1	\$45.0
2003	15.8	0.0	0.0	0.5	0.0	0.1	0.7	17.1
2002	4.9	0.0	0.0	0.0	0.0	0.1	0.0	5.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

# Defined Benefit and Defined Benefit Supplement Programs

# Participating Employers

# **Alameda County**

K - 12

County Superintendent Alameda City Unified Albany Unified Berkeley Unified Castro Valley Unified Dublin Unified **Emery Unified** Fremont Unified Hayward Unified Livermore Valley Joint Unified Mountain House Elementary New Haven Unified Newark Unified Oakland Unified Piedmont City Unified Pleasanton Unified San Leandro Unified San Lorenzo Unified Sunol Glen Unified

#### Community Colleges

Chabot Las Positas Fremont-Newark Ohlone Peralta Community

# **Alpine County**

K-12

County Superintendent Alpine County Unified

#### **Amador County**

K-12

County Superintendent Amador County Unified

# **Alameda County**

K-12

County Superintendent Alameda City Unified Albany Unified Berkeley Unified Castro Valley Unified Dublin Unified **Emery Unified** Fremont Unified Hayward Unified Livermore Valley Joint Unified Mountain House Elementary New Haven Unified Newark Unified Oakland Unified Piedmont City Unified Pleasanton Unified San Leandro Unified

San Lorenzo Unified Sunol Glen Unified

#### Community Colleges

Chabot Las Positas Fremont-Newark Ohlone

Peralta Community

# **Alpine County**

K-12

County Superintendent Alpine County Unified

# **Amador County**

K-12

County Superintendent Amador County Unified

# **Butte County**

K-12

County Superintendent
Bangor Union Elementary
Biggs Unified
Chico Unified
Durham Unified
Feather Falls Union Elementary
Golden Feather Union
Gridley Unified
Manzanita Elementary
Oroville City Elementary
Oroville Union High
Palermo Union
Paradise Unified
Pioneer Union Elementary
Thermalito Union

#### Community Colleges

Butte

# **Calaveras County**

K-12

County Superintendent Bret Harte Union High Calaveras Unified Mark Twain Union Elementary Vallecito Union Elementary

# **Colusa County**

K-12

County Superintendent Colusa Unified Maxwell Unified Pierce Joint Unified Williams Unified

# **Contra Costa County**

K-12

County Superintendent Acalanes Union High Antioch Unified Brentwood Union Byron Union Elementary Canyon Elementary John Swett Unified Knightsen Elementary Lafayette Elementary Liberty Union High Martinez Unified Moraga Elementary Mt. Diablo Unified Oakley Union Elementary Orinda Union Elementary Pittsburg Unified San Ramon Valley Unified Walnut Creek Elementary West Contra Costa Unified

#### Community Colleges

Contra Costa

# **Del Norte County**

K-12

County Superintendent Del Norte County Unified

# **El Dorado County**

K-12

County Superintendent
Black Oak Mine Unified
Buckeye Union Elementary
Camino Union Elementary
El Dorado Union High
Gold Oak Union
Gold Trail Union
Indian Diggings Elementary
Lake Tahoe Unified
Latrobe
Mother Lode Union Elementary
Pioneer Union Elementary
Placerville Union Elementary
Pollock Pines Elementary
Rescue Union Elementary

#### Community Colleges

Lake Tahoe

# Fresno County

K-12

County Superintendent Alvina Elementary American Union Elementary

Big Creek Elementary Burrel Union Elementary Caruthers Unified Central Unified Clay Joint Elementary Clovis Unified Coalinga/Huron Joint Unified Firebaugh-Las Deltas Unified Fowler Unified Fresno Unified Golden Plains Unified Kerman Unified Kings Canyon Joint Unified Kingsburg Joint Union Elementary Kingsburg Joint Union High Laton Joint Unified Mendota Unified Monroe Elementary Orange Center Pacific Union Elementary Parlier Unified Pine Ridge Elementary Raisin City Elementary Riverdale Joint Unified Sanger Unified Selma Unified Sierra Unified Washington Colony Elementary Washington Union High West Fresno Elementary West Park Elementary Westside Elementary

#### Community Colleges

State Center West Hills

# **Glenn County**

K-12

County Superintendent
Capay Joint Union Elementary
Hamilton Union High
Lake Elementary
Orland Joint Unified
Plaza Elementary
Princeton Joint Unified
Stony Creek Joint Unified
Willows Unified

# **Humboldt County**

K-12

County Superintendent
Arcata Elementary
Big Lagoon Union Elementary
Blue Lake Union Elementary
Bridgeville Elementary

Cuddeback Union Elementary Cutten Elementary Eureka City Ferndale Unified Fieldbrook Elementary Fortuna Union Elementary Fortuna Union High Freshwater Elementary Garfield Elementary Green Point Elementary Hydesville Elementary Jacoby Creek Elementary Klamath-Trinity Joint Unified Kneeland Elementary Loleta Union Elementary Maple Creek Elementary Mattole Unified McKinleyville Union Elementary Northern Humboldt Union High Orick Elementary Pacific Union Elementary Peninsula Union Elementary Rio Dell Elementary Rohnerville Elementary Scotia Union Elementary South Bay Union Elementary Southern Humboldt Joint Unified Trinidad Union Elementary

Community Colleges Redwoods

# **Imperial County**

K-12

County Superintendent Brawley Elementary Brawley Union High Calexico Unified Calipatria Unified Central Union High El Centro Elementary Heber Elementary Holtville Unified Imperial Unified Magnolia Union Elementary McCabe Union Elementary Meadows Union Elementary Mulberry Elementary San Pasqual Valley Unified Seeley Union Elementary Westmorland Union Elementary

Community Colleges Imperial

# **Inyo County**

K-12

County Superintendent
Big Pine Unified
Bishop Joint Union High
Bishop Union Elementary
Death Valley Unified
Lone Pine Unified
Owens Valley Unified
Round Valley Joint Elementary

# **Kern County**

K-12

County Superintendent Arvin Union Elementary Bakersfield City Beardsley Elementary Belridge Elementary Blake Elementary Buttonwillow Union Elementary Caliente Union Elementary Delano Joint Union High Delano Union Elementary Di Giorgio Elementary Edison Elementary El Tejon Unified Elk Hills Elementary Fairfax Elementary Fruitvale Elementary General Shafter Elementary Greenfield Union Kern Union High Kernville Union Elementary Lakeside Union Elementary Lamont Elementary Linns Valley-Poso Flat Union Elementary

Elementary
Lost Hills Union
Maple Elementary
Maricopa Unified
McFarland Unified
McKittrick Elementary
Midway Elementary
Mojave Unified
Muroc Joint Unified
Norris
Panama-Buena Vista Union
Pond Union Elementary
Richland

Rio Bravo-Greeley Union
Elementary
Rosedale Union Elementary
Semitropic Elementary
Sierra Sands Unified
South Fork Union
Southern Kern Unified
Standard Elementary
Taft City Elementary
Taft Union High
Tehachapi Unified
Vineland Elementary
Wasco Union Elementary
Wasco Union High

Community Colleges

Kern West Kern

# **Kings County**

K-12

County Superintendent Armona Union Elementary Central Union Elementary Corcoran Joint Unified Delta View Joint Union Elementary Hanford Elementary Hanford Joint Union High Island Union Elementary Kings River-Hardwick Union Elementary Kit Carson Union Elementary Lakeside Union Elementary Lemoore Union Elementary Lemoore Union High Pioneer Union Elementary Reef-Sunset Unified

# **Lake County**

K-12

County Superintendent
Kelseyville Unified
Konocti Unified
Lakeport Unified
Lucerne Elementary
Middletown Unified
Upper Lake Union Elementary
Upper Lake Union High

# **Lassen County**

K-12

County Superintendent
Big Valley Joint Unified
Fort Sage Unified
Janesville Union Elementary
Johnstonville Elementary
Lassen Union High
Ravendale-Termo Elementary
Richmond Elementary
Shaffer Union
Susanville
Westwood Unified

Community Colleges

Lassen

# Los Angeles County

K-12

Los Angeles County Office of Education ABC Unified Acton-Agua Dulce Unifed Alhambra City Elementary Alhambra City High Antelope Valley Union High Arcadia Unified Azusa Unified Baldwin Park Unified Bassett Unified Bellflower Unified Beverly Hills Unified Bonita Unified Burbank Unified Castaic Union Centinela Valley Union High Charter Oak Unified Claremont Unified Compton Unified Covina-Valley Unified Culver City Unified Downey Unified Duarte Unified East Whittier City Elementary Eastside Union El Monte City El Monte Union High El Rancho Unified El Segundo Unified

Glendale Unified Glendora Unified Gorman Elementary Hacienda La Puente Unified Hawthorne Hermosa Beach City Elementary Hughes-Elizabeth Lakes Union Elementary Inglewood Unified Keppel Union Elementary La Canada Unified Lancaster Elementary Las Virgenes Unified Lawndale Elementary Lennox Elementary Little Lake City Elementary Long Beach Unified Los Angeles Unified Los Nietos Elementary Lowell Joint Elementary Lynwood Unified Manhattan Beach Unified Monrovia Unified Montebello Unified Mountain View Elementary Newhall Elementary Norwalk-La Mirada Unified Palmdale Elementary Palos Verdes Peninsula Unified Paramount Unified Pasadena Unified Pomona Unified Redondo Beach Unified Rosemead Elementary Rowland Unified San Gabriel Unified San Marino Unified Santa Monica-Malibu Unified Saugus Union Elementary South Pasadena Unified South Whittier Elementary Sulphur Springs Union Elementary Temple City Unified Torrance Unified Valle Lindo Elementary Walnut Valley Unified West Covina Unified Westside Union Elementary Whittier City Whittier Union High William S. Hart Union High Wilsona Wiseburn Elementary

Garvey Elementary

# Community Colleges

Antelope Valley
Cerritos
Citrus
Compton
El Camino
Glendale
Long Beach
Los Angeles
Mt San Antonio
Pasadena Area
Rio Hondo

Santa Clarita Santa Monica

# **Madera County**

County Superintendent Alview-Dairyland Union Elementary Bass Lake Joint Union Elementary Chawanakee Joint Unified Chowchilla Elementary Chowchilla Union High Coarsegold Union Golden Valley Unified Madera Unified Raymond-Knowles Union Élementary Yosemite Union High

# **Marin County**

County Superintendent Bolinas-Stinson Union Elementary Dixie Elementary Kentfield Elementary Laguna Joint Elementary Lagunitas Elementary Larkspur Elementary Lincoln Elementary Mill Valley Elementary Nicasio Elementary Novato Unified Reed Union Elementary Ross Elementary Ross Valley San Rafael City Elementary San Rafael City High Sausalito Elementary Shoreline Unified Tamalpais Union High Union Joint Elementary

Community Colleges Marin

# **Mariposa County**

County Office of Education Mariposa County Unified

# **Mendocino County**

County Superintendent Anderson Valley Unified Arena Union Elementary Fort Bragg Unified Laytonville Unified Leggett Valley Unified Manchester Union Elementary Mendocino Unified Point Arena Joint Union High Potter Valley Community Unified Round Valley Unified Ukiah Unified Willits Unified

Community Colleges

Mendocino Lake

# **Merced County**

County Superintendent Atwater Elementary **Ballico-Cressey Elementary** Delhi Unified Dos Palos Oro-Lima Joint Unified El Nido Elementary Gustine Unified Hilmar Unified Le Grand Union Elementary Le Grand Union High Livingston Union Los Banos Unified McSwain Union Elementary Merced City Elementary Merced River Union Elementary Merced Union High Plainsburg Union Elementary Planada Elementary Snelling-Merced Falls Union Elementary Weaver Union Winton Elementary

Community Colleges Merced

# **Modoc County**

County Superintendent Modoc Joint Unified Surprise Valley Joint Unified Tulelake Basin Joint Unified

# **Mono County**

Mono County Office of Education Eastern Sierra Unified Mammoth Unified

# Monterey County

County Superintendent Alisal Union Elementary Bradley Union Elementary Carmel Unified Chualar Union Elementary Gonzales Unified Graves Elementary Greenfield Union King City Joint Union High King City Union Elementary Lagunita Mission Union Elementary Monterey Peninsula Unified North Monterey County Unified Pacific Grove Unified Pacific Unified Salinas City Elementary Salinas Union High San Antonio Union Elementary San Ardo Union Elementary San Lucas Union Elementary Santa Rita Union Elementary Soledad Unified

Spreckels Union Washington Union Elementary

Community Colleges

Hartnell Monterey Peninsula

# Napa County

County Superintendent Calistoga Joint Unified Howell Mountain Elementary Napa Valley Unified Pope Valley Union St. Helena Unified

Community Colleges Napa Valley

# **Nevada County**

County Superintendent Chicago Park Elementary Clear Creek Elementary Grass Valley Elementary Nevada City Nevada Joint Union High Pleasant Ridge Union Elementary Pleasant Valley Elementary Ready Springs Union Twin Ridges Elementary Union Hill Elementary

# **Orange County**

County Superintendent

Anaheim City Anaheim Union High Brea-Olinda Unified Buena Park Elementary Capistrano Unified Centralia Elementary Cypress Elementary Fountain Valley Elementary Fullerton Elementary Fullerton Joint Union High Garden Grove Unified Huntington Beach City Elementary Huntington Beach Union High Irvine Unified La Habra City Elementary Laguna Beach Unified Los Alamitos Unified Magnolia Elementary Newport-Mesa Unified Ocean View Elementary Orange Unified Placentia-Yorba Linda Unified Saddleback Valley Unified Santa Ana Unified Savanna Elementary Tustin Unified Westminster Elementary

#### Community Colleges

Coast North Orange County Rancho Santiago South Orange

# **Placer County**

County Superintendent Ackerman Elementary Alta-Dutch Flat Union Elementary Auburn Union Elementary Colfax Elementary Dry Creek Joint Élementary Eureka Union Elementary Foresthill Union Elementary Loomis Union Elementary Newcastle Elementary Ophir Elementary Penryn Elementary Placer Hills Union Elementary Placer Union High Rocklin Unified Roseville City Elementary Roseville Joint Union High Tahoe-Truckee Unified Western Placer Unified

Community Colleges Sierra Joint

#### **Plumas County**

County Superintendent Plumas Unified

Community Colleges Feather River

# **Riverside County**

County Superintendent Alvord Unified Banning Unified Beaumont Unified Coachella Valley Unified Corona-Norco Unified Desert Center Unified Desert Sands Unified Hemet Unified Jurupa Unified Lake Elsinore Unified Menifee Union Elementary Moreno Valley Unified Murrieta Valley Unified Nuview Union Palm Springs Unified Palo Verde Unified Perris Elementary Perris Union High Riverside Unified Romoland Elementary San Jacinto Unified Temecula Valley Unified Val Verde Unified

# **Defined Benefit and Defined Benefit Supplement Programs**

Community Colleges

Desert Mt San Jacinto Palo Verde Riverside

# **Sacramento County**

County Superintendent Arcohe Union Elementary Center Unified Del Paso Heights Elementary Elk Grove Unified Elverta Joint Elementary Folsom-Cordova Unified Galt Joint Union Elementary Galt Joint Union High Grant Joint Union High Natomas Unified North Sacramento Elementary Rio Linda Union Elementary River Delta Unified Robla Elementary Sacramento City Unified San Juan Unified

Community Colleges

Los Rios

# San Benito County

County Superintendent Aromas/San Juan Unified Bitterwater-Tully Union Elementary Cienega Union Elementary Hollister Elementary Jefferson Elementary North County Joint Union Elementary Panoche Elementary San Benito High Southside Elementary Tres Pinos Union Elementary Willow Grove Union Elementary

# San Bernardino County

County Office of San Bernardino Adelanto Elementary Alta Loma Elementary Apple Valley Unified Baker Valley Unified Barstow Unified Bear Valley Unified Central Elementary Chaffey Joint Union High Chino Valley Unified Colton Joint Unified Cucamonga Elementary Etiwanda Elementary Fontana Unified Helendale Hesperia Unified Lucerne Valley Unified Morongo Unified Mountain View Elementary Mt. Baldy Joint Elementary

Needles Unified Ontario-Montclair Oro Grande Elementary Redlands Unified Rialto Unified Rim of the World Unified San Bernardino City Unified Silver Valley Unified Snowline Joint Unified Trona Joint Unified Upland Unified Victor Elementary Victor Valley Union High Yucaipa-Calimesa Joint Unified

Community Colleges

Barstow Chaffey San Bernardino Victor Valley

# San Diego County

County Superintendent Alpine Union Bonsall Union Elementary Borrego Springs Unified Cajon Valley Union Elementary Cardiff Elementary Carlsbad Unified Chula Vista Elementary Coronado Unified Dehesa Del Mar Union Encinitas Union Elementary Escondido Union Elementary Escondido Union High Fallbrook Union Elementary Fallbrook Union High Grossmont Union High Jamul-Dulzura Union Elementary Julian Union Elementary Julian Union High La Mesa-Spring Valley
Lakeside Union Elementary Lemon Grove Elementary Mountain Empire Unified National Oceanside Unified Poway Unified Ramona Unified Rancho Santa Fe Elementary San Diego Unified San Dieguito Union High San Marcos Unified San Pasqual Union San Ysidro Elementary Santee Elementary Solana Beach Elementary South Bay Union Elementary Spencer Valley Elementary Sweetwater Union High Vallecitos Valley Center-Pauma Unified Vista Unified

Warner Unified

Community Colleges

Grossmont-Cuyamaca MiraCosta Palomar San Diego Southwestern

### San Francisco County

San Francisco County Office of Education San Francisco Unified

Community Colleges

San Francisco

# San Joaquin County

County Superintendent Banta Élementary Escalon Unified Holt Union Elementary Jefferson Elementary Lammersville Elementary Lincoln Unified Linden Unified Lodi Unified Manteca Unified New Hope Elementary New Jerusalem Elementary Oak View Union Elementary Ripon Unified Stockton City Unified Tracy Joint Únified

Community Colleges San Joaquin Delta

# San Luis Obispo County

County Superintendent Atascadero Unified Cayucos Elementary Coast Unified Lucia Mar Unified Paso Robles Joint Unified Pleasant Valley Joint Union Elementary San Luis Coastal Unified San Miguel Joint Union Elementary Shandon Joint Unified Templeton Unified

Community Colleges

San Luis Obispo County

# San Mateo County

County Superintendent Bayshore Elementary Belmont Redwood Shores Elementary Brisbane Elementary Burlingame Elementary Cabrillo Unified Hillsborough City Jefferson Elementary

Jefferson Union High La Honda-Pescadero Unified Laguna Salada Union Elementary Las Lomitas Elementary Menlo Park City Elementary Millbrae Elementary Portola Valley Elementary Ravenswood City Elementary Redwood City Élementary San Bruno Park San Carlos Elementary San Mateo-Foster City San Mateo Union High Sequoia Union High South San Francisco Unified Woodside Elementary

Community Colleges

San Mateo

# Santa Barbara County

County Superintendent Ballard Elementary Blochman Union Elementary Buellton Union Elementary Carpinteria Unified Casmalia Elementary Cold Spring Elementary College Elementary Cuyama Joint Unified Goleta Union Elementary Guadalupe Union Elementary Hope Elementary Lompoc Unified Los Ålamos Elementary Los Olivos Elementary Montecito Union Elementary Orcutt Union Elementary Santa Barbara Elementary Santa Barbara High Santa Maria-Bonita Santa Maria Joint Union High Santa Ynez Valley Union High Solvang Elementary Vista Del Mar Union

#### Community Colleges

Allan Hancock Joint Santa Barbara

# Santa Clara County

County Superintendent Alum Rock Union Elementary Berryessa Union Cambrian Elementary Campbell Union Elementary Campbell Union High Cupertino Union East Side Union High Evergreen Elementary Franklin-Mckinley Elementary Fremont Union High Gilroy Unified Lakeside Joint Loma Prieta Joint Union Elementary

Los Altos Elementary Los Gatos Union Elementary Los Gatos-Saratoga Joint Union High Luther Burbank Milpitas Unified Montebello Elementary Moreland Elementary Morgan Hill Unified Mountain View-Whisman Elementary Mountain View-Los Altos Union Mt. Pleasant Elementary Oak Grove Elementary Orchard Palo Alto Unified San Jose Unified Santa Clara Unified Saratoga Union Elementary Sunnyvale Elementary Union Elementary

#### Community Colleges

Foothill-DeAnza Gavilan San Jose/Evergreen West Valley Mission

# Santa Cruz County

County Superintendent Bonny Doon Union Elementary Happy Valley Elementary Live Oak Elementary Mountain Elementary Pacific Elementary Pajaro Valley Unified San Lorenzo Valley Unified Santa Cruz City Elementary Santa Cruz City High Scotts Valley Unified Soquel Union Elementary

Community Colleges Cabrillo

# Shasta County

County Superintendent Anderson Ûnion High Bella Vista Elementary Black Butte Union Elementary Cascade Union Elementary Castle Rock Union Elementary Columbia Elementary Cottonwood Union Elementary Enterprise Fall River Joint Unified French Gulch-Whiskeytown Elementary Gateway Unified Grant Élementary Happy Valley Union Elementary Igo, Ono, Platina Union Elementary Indian Springs Elementary Junction Elementary

Millville Elementary Mountain Union Elementary North Cow Creek Elementary Oak Run Elementary Pacheco Union Elementary Redding Elementary Shasta Union Elementary Shasta Union High Whitmore Union Elementary

Community Colleges Shasta-Tehama-Trinity Joint

# **Sierra County**

County Superintendent Sierra-Plumas Joint Unified

Community Colleges Sierra Joint

# Siskiyou County

County Superintendent Big Springs Union Elementary Bogus Elementary Butte Valley Unified Butteville Únion Elementary Delphic Elementary Dunsmuir Elementary Dunsmuir Joint Union High Etna Union Elementary Etna Union High Forks of Salmon Elementary Fort Jones Union Elementary Gazelle Union Elementary Grenada Elementary Happy Camp Union Elementary Hornbrook Elementary Junction Elementary Klamath River Union Elementary Little Shasta Elementary McCloud Union Elementary Montague Elementary Mt Shasta Union Quartz Valley Elementary Seiad Elementary Siskiyou Union High Weed Union Elementary Willow Creek Elementary Yreka Union Elementary Yreka Union High

Community Colleges Siskiyou Joint

# **Solano County**

County Superintendent Benicia Unified Dixon Unified Fairfield-Suisun Unified Travis Unified Vacaville Unified Vallejo City Unified

Community Colleges Solano County

# **Sonoma County**

County Superintendent Alexander Valley Union Elementary Bellevue Union Elementary Bennett Valley Union Elementary Cinnabar Elementary Cloverdale Unified Cotati-Rohnert Park Unified Dunham Forestville Union Elementary Fort Ross Elementary Geyserville Unified Gravenstein Union Elementary Guerneville Elementary Harmony Union Elementary Healdsburg Unified Horicon Elementary Kashia Elementary Kenwood Elementary Liberty Elementary Mark West Union Monte Rio Union Elementary Montgomery Elementary Oak Grove Union Elementary Old Adobe Union Elementary Petaluma City Elementary Petaluma Joint Union High Piner-Olivet Union Elementary Rincon Valley Union Elementary Roseland Elementary Santa Rosa Elementary Santa Rosa High Sebastopol Union Elementary Sonoma Valley Unified Twin Hills Union Elementary Two Rock Union Elementary Waugh Elementary West Side Union Élementary

Community Colleges Sonoma County

Windsor Unified

Wright Elementary

# **Stanislaus County**

West Sonoma County Union

Wilmar Union Elementary

County Superintendent Ceres Únified Chatom Union Elementary Denair Unified Empire Union Gratton Elementary Hart-Ransom Union Elementary Hickman Elementary Hughson Unified Hughson Union High Keyes Union Elementary Knights Ferry Elementary La Grange Elementary Modesto City Elementary Newman-Crows Landing Unified Oakdale Joint Unified Paradise Elementary Patterson Joint Unified Riverbank Unified Roberts Ferry Union Elementary Salida Union Shiloh Elementary Stanislaus Union Elementary Sylvan Union Elementary Turlock Joint Elementary Turlock Joint Union High Valley Home Joint Elementary Waterford Unified

Community Colleges Yosemite

# **Sutter County**

County Superintendent Brittan Elementary Browns Elementary East Nicolaus Joint Union High Franklin Elementary Live Oak Unified Marcum-Illinois Union Meridian Elementary Nuestro Elementary Pleasant Grove Joint Union Elementary Sutter Union High Winship Elementary Yuba City Unified

# **Tehama County**

County Superintendent Antelope Elementary Bend Élementary Corning Union Elementary Corning Union High Elkins Elementary Evergreen Union Elementary Flournoy Union Elementary Gerber Union Elementary Kirkwood Elementary Lassen View Union Élementary Los Molinos Unified Manton Joint Union Elementary Mineral Elementary Plum Valley Elementary Red Bluff Joint Union High Red Bluff Union Elementary Reeds Creek Elementary Richfield Elementary

# **Trinity County**

County Superintendent Burnt Ranch Elementary Coffee Creek Elementary Cox Bar Elementary Douglas City Elementary Junction City Elementary Lewiston Elementary Mountain Valley Unified Southern Trinity Joint Unified Trinity Center Elementary

# **Defined Benefit and Defined Benefit Supplement Programs**

Trinity Union High Weaverville Elementary

### **Tulare County**

K-12

County Superintendent Allensworth Elementary Alpaugh Unified Alta Vista Elementary Buena Vista Elementary **Burton Elementary** Citrus South Tule Elementary Columbine Elementary Cutler-Orosi Unified Dinuba Unified **Ducor Union Elementary** Earlimart Elementary Exeter Union Elementary Exeter Union High Farmersville Unified Hope Elementary Hot Springs Elementary Kings River Union Elementary Liberty Elementary Lindsay Unified Monson-Sultana Joint Union Elementary Oak Valley Union Elementary Outside Creek Elementary Palo Verde Union Elementary Pixley Union Elementary Pleasant View Elementary Porterville Unified Richgrove Elementary Rockford Elementary Saucelito Elementary Sequoia Union Elementary Springville Union Elementary Stone Corral Elementary Strathmore Union Elementary Strathmore Union High Sundale Union Elementary Sunnyside Union Elementary Terra Bella Union Elementary Three Rivers Union Elementary Tipton Elementary Traver Joint Elementary Tulare City Elementary Tulare Co. DOE Child Care Div. Tulare Co. Org for Voc. Ed. Tulare Joint Union High Visalia Unified Waukena Joint Union Elementary Woodlake Union Elementary Woodlake Union High

Community Colleges
College of the Sequoias

Woodville Elementary

# **Tuolumne County**

K-12

County Superintendent Belleview Elementary Big Oak Flat-Groveland Unified Chinese Camp Elementary Columbia Union Curtis Creek Elementary Jamestown Elementary Sonora Elementary Sonora Union High Soulsbyville Elementary Summerville Elementary Summerville Union High Twain Harte-Long Barn Union

# **Ventura County**

K-12

County Superintendent Briggs Elementary Conejo Valley Unified Fillmore Unified Hueneme Elementary Mesa Union Elementary Moorpark Unified Mupu Elementary Oak Park Unified Ocean View Elementary Ojai Unified Oxnard Elementary Oxnard Union High Pleasant Valley Elementary Rio Elementary Santa Clara Elementary Santa Paula Elementary Santa Paula Union High Simi Valley Unified Somis Union Elementary Ventura Unified

# Community Colleges

Ventura County

# **Yolo County**

K-12

County Superintendent Davis Joint Unified Esparto Unified Washington Unified Winters Joint Unified Woodland Joint Unified

#### **Yuba County**

K-12

County Superintendent Camptonville Union Elementary Marysville Joint Unified Plumas Elementary Wheatland Elementary Wheatland Union High

Community Colleges

Yuba

# Regional Occupational Programs

Amador County Antelope Valley Baldy View Butte County Calaveras County Capistrano Laguna Beach Central County Occupational Ctr

Central County Central Sierra Coastline Colton-Redlands-Yucaipa Compton Unified Contra Costa County Del Norte County East San Gabriel Valley Eden Area Forty-Niner Fresno Glenn County Hart Humboldt County Imperial Valley Inyo County Kern County Kern High Śchool District Kings County La Puente Valley Lake County Lassen County Long Beach Unified School District Los Angeles County Los Angeles Unified School District Marin County Mendocino Ćounty Merced County Mission Trails Mission Valley ROC/P Modoc County Napa County Regional North Kern Vocational Training North Orange County Oakland-Alameda Plumas and Sierra County Riverside County Sacramento County San Antonio San Bernardino County San Diego County San Francisco County San Joaquin County San Mateo County Santa Barbara County-North Santa Barbara County-South Santa Clara County-North Santa Clara County-South Santa Cruz County Santa Lucia Shasta-Trinity Siskiyou County

Tehama County
Tri-Cities
Tri-County
Tri-Valley
Tulare Co. Org. for Vocational
Education
Valley
Ventura County
West Side
Yolo County
Yosemite

#### State of California

Siskiyou (9-12)

Solano County

Sonoma County

Southern California

Southeast Los Ángeles County

Table 1 Schedule of revenues by source (dollars in thousands)

Fiscal Year Ending June 30	Participant Contributions	Employer Contributions	Percentage of Annual Covered Payroll	Investment Income	Other Income	Total
2004	\$3,866.6	\$3,844.9	8.05%	\$5,384.4	\$0.0	\$13,095.9
2003	3,580.9	3,589.6	8.05	1,381.9	0.0	8,552.3
2002	3,535.1	3,586.0	8.05	(943.8)	0.0	6,177.3
2001	2,936.1	3,035.0	8.05	(942.2)	0.0	5,028.9
2000	2,589.8	2,364.8	8.05	812.0	0.0	5,766.6
1999	1,520.5	1,562.3	8.05	1,796.1	0.0	4,878.9
1998	772.0	772.0	8.00	105.0	0.0	1,649.0
1997	74.0	74.0	8.00	20.3	0.0	168.3
1996	0.0	0.0	8.00	15.2	0.0	15.2

Table 2 Expenses by type (dollars in thousands)

Fiscal Year Ending June 30	Benefit Payments	Administrative Expenses	Refunds	Misc	Total
2004	\$580.3 <sup>(1)</sup>	\$27.7	\$196.7	\$0.0	804.7
2003	188.0	16.8	132.5	0.0	337.3
2002	105.5 <sup>(2)</sup>	10.8	89.8 (1)	0.0	206.1
2001	0.0	8.2	118.7	0.0	126.9
2000 (3)	0.0	4.8	58.5	0.0	63.3
1999	0.0	711.6	15.0	1,326.0 (4)	2,052.6
1998	0.0	397.0	0.0	69.0	466.0
1997	0.0	393.0	0.0	34.9	427.9
1996	0.0	128.0	0.0	19.8	147.8

<sup>(1)</sup> The benefit payments for 2004 include \$220,256 of member-elected Administrative Transfers to purchase service credit in the Defined Benefit program.

<sup>(2)</sup> In prior years, benefit payments were categorized as refunds. Beginning 2002 they are identified separately.

<sup>(3) 2000</sup> represents cost savings to administrative expenses to Cash Balance Benefit Program absorbed by Teachers' Retirement Board per California Education Code

<sup>(4)</sup> Interfund interest expense on loan payable to Teachers' Retirement Fund at December 31, 1998, \$41,648. Equity transfer to Teachers' Retirement Fund recorded at fund closure \$1,285,093.

Table 3 Schedule of benefit expenses by type (dollars in thousands)

	Age	& Service Ben	efits	Disabil	ity Benefits		Refunds	
Fiscal Year Ending June 30	Retired Members	Survivors	Death in Service Benefits	Retired Members	Survivors	Death	Separation	Total
2004	\$535.4 <sup>(1)</sup>	\$0.0	\$44.9	\$0.0	\$0.0	\$0.0	\$196.7	\$777.0
2003	132.2	0.0	48.3	7.5	0.0	0.0	132.5	320.5
2002	82.7	0.0	22.8	0.0	0.0	0.0	89.8	195.3
2001	0.0	0.0	0.0	0.0	0.0	0.0	118.7	118.7
2000	0.0	0.0	0.0	0.0	0.0	0.0	58.5	58.5
1999	0.0	0.0	0.0	0.0	0.0	0.0	15.0	15.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>(1)</sup> The benefit payments for 2004 include \$220,256 of member-elected Administrative Transfers to purchase service credit in the Defined Benefit program.

# Participating Employers

**Alameda County** 

Berkeley Unified School District Chabot-Las Positas Community College District

Fremont Unified School District Ohlone Community College District Peralta Community College District

**Butte County** 

Butte County Community College District

**Contra Costa County** 

Contra Costa Community College District West Contra Costa Unified School District

Los Angeles County

Antelope Valley Community College District El Camino Community College District Glendale Community College District Los Angeles Community College District Mountain View Elementary **Merced County** 

Atwater Elementary

**Placer County** 

Sierra Community College District

**Sacramento County** 

Robla Unified School District

San Diego County

Grossmont Union High School District Mira Costa Community College District

San Francisco County City College of San Francisco

San Mateo County

San Bruno Park Elementary School District San Mateo Community College District **Santa Barbara County** 

Allan Hancock Joint Community College

Santa Clara County

Foothill-DeAnza Community College District San Jose/Evergreen Community College District

**Solano County** 

Solano County Community College District

**Sonoma County** 

Sonoma County Junior College

**Ventura County** 

Ventura Community College District

Yuba County

Yuba Community College District

# Programs Administered or Overseen by the Retirement System

# **Voluntary Investment Program**

Table 1 Schedule of revenues by source (dollars in thousands)

Fiscal Year Ending June 30	Participant Contributions	Interest, Dividends and Other Investment Income	Other	Total
2004	\$19,535	\$9,754	\$0	\$29,289
2003	17,481	1,054	0	18,535
2002	14,472	(6,158)	0	8,314
2001	14,732	(5,099)	0	9,633
2000	13,792	3,116	0	16,908
1999	8,675	4,121	0	12,796
1998	5,079	2,911	0	7,990
1997	3,235	1,833	0	5,068
1996	1,168	978	15,978 <sup>(1)</sup>	18,124

<sup>(1)</sup> Transfer of Tax Shelter Annuity Fund

**Table 2** Schedule of expenses by type (dollars in thousands)

Fiscal Year Ending June 30	Annuity Payments	Adminstrative Expenses	Refunds	Total
2004	\$1,617	\$807	\$6,440	\$8,864
2003	1,965	504	\$3,478	5,947
2002	453	372	2,553	3,378
2001	250	344	2,288	2,882
2000	250	275	2,201	2,726
1999	237	205	1,610	2,052
1998	165	155	1,662	1,982
1997	710	124	888	1,722
1996	1,907	111	0	2,018

# Participating Employers

# **Alameda County**

K-12

Alameda Unified Albany Berkeley Unified Castro Valley Unified Dublin Unified **Emery Unified** Fremont Unified Hayward Unified Livermore Valley Joint Unified Newark Unified Oakland Unified Piedmont Unified Pleasanton Unified San Leandro Unified San Lorenzo Unified Sunol Glen Unified

#### Community Colleges

Chabot Las Positas Fremont Newark Peralta

# **Alpine County**

K-12

Alpine County Unified

#### **Amador County**

K-12

Amador County Unified

#### **Butte County**

K-12

County Superintendent Bangor Union Elementary Chico Unified Manzanita Elementary Oroville City Elementary Palermo Union Pioneer Union Elementary

Community Colleges

Butte

#### **Calaveras County**

K-12

Calaveras Unified County Superintendent Mark Twain

#### **Colusa County**

K-12

Colusa Unified

#### Contra Costa County

K-12

County Superintendent Acalanes Union High Brentwood Union John Swett Lafayette Elementary Mt Diablo Unified
Oakley Union Elementary
Orinda Union Elementary
Pittsburg
Walnut Creek Elementary
West Contra Costa Unified

Community Colleges Contra Costa

# **Del Norte County**

K-12

County Superintendent Del Norte County Unified

# **El Dorado County**

K-12

El Dorado Union High Lake Tahoe Unified Pioneer Union Elementary Placerville Union Elementary Rescue Union Elementary

Community Colleges

Lake Tahoe

# **Fresno County**

K-12

American Union Elementary Caruthers Union Elementary Central Unified Clovis Unified Coalinga/Huron Unified Fresno Unified Kerman Unified Kings Canyon Joint Unified Mendota Unified Pine Ridge Elementary Sanger Unified Washington Union High

Community Colleges

State Center

#### **Glenn County**

K-12

County Superintendent
Capay Joint Union
Elementary
Hamilton Union Elementary
Hamilton Union High
Lake Elementary
Orland Joint Union Elementary
Orland Joint Union High
Plaza Elementary
Princeton Joint Unified
Stony Creek Joint Unified
Willows Unified

# **Humboldt County**

K-12

Arcata Elementary Big Lagoon Union Elementary Blue Lake Union Elementary Bridgeville Elementary Cuddeback Union Elementary Cutten Elementary Eureka City Ferndale Unified Fortuna Union High Freshwater Elementary Garfield Elementary Green Point Elementary Humboldt County Office of Education Hydesville Elementary Jacoby Creek Elementary Klamath-Trinity Joint Unified Kneeland Elementary Loleta Union Elementary Maple Creek Elementary Mattole Unified Mckinleyville Union Elementary Northern Humboldt Union High Orick Elementary Pacific Union Elementary Peninsula Union Elementary Rio Dell Elementary Rohnerville Elementary Scotia Union Elementary South Bay Union Elementary Southern Humboldt Joint Unified Trinidad Union Elementary

Community Colleges

College of The Redwoods

# **Imperial County**

K-12

Brawley Elementary Calexico Unified Central Union High El Centro Elementary Imperial Unified

# **Inyo County**

K-12

Bishop Joint Union High Bishop Union Elementary

#### **Kern County**

K-12

County Superintendent
Bakersfield City Elementary
Beardsley Elementary
Belridge Elementary
Delano Union Elementary
Edison Elementary
El Tejon Unified
Fruitvale Elementary
Greenfield Union
Kernville Union Elementary
Lamont School District
Mojave Unified
Muroc Joint Unified

Richland-Lerdo Elementary Rosedale Union Elementary Sierra Sands Unified Taft Union High

Community Colleges

West Kern

# Kings County

K-12

County Superintendent Corcoran Joint Unified Hanford Elementary

# **Lake County**

K-12

Konocti Unified Lake County Office of Education Lakeport Unified Lucerne Elementary Middletown Unified Upper Lake Elementary

# **Lassen County**

K-12

Susanville Elementary

# **Los Angeles County**

K-12

ABC Unified Acton-Agua Dulce Unified Antelope Valley Union High Arcadia Unified Basset Unified Bellflower Unified Belvedere Middle School Bonita Burbank Unified Centinela Valley Union High Claremont Unified Compton Unified Covina Valley Unified Culver City Unified Downey East San Gabriel ROP East Whittier Elementary Eastside Union El Monte Union High El Rancho Unified El Segundo Unified Garvey Elementary Glendale Unified Glendora Unified Hacienda La Puente Unified Hawthorne Elementary Inglewood Unified La Canada Unified Lancaster Elementary Las Virgenes Unified Lennox Elementary Long Beach Unified Los Angeles Unified Los Angeles County Office of Education Los Nietos Elementary Lvnwood Unified Manhattan Beach Intermediate Manhattan Elementary Monrovia Unified Montebello Unified Mountain View Elementary Newhall Elementary Norwalk-La Mirada Unified Palmdale Elementary Palos Verdes Peninsula Unified Palos Verdes Unified Pasadena Unified Pomona Unified Redondo Beach Unfied Rosemead Elementary Rowland Unified San Gabriel Elementary San Marino Unified Santa Monica-Malibu Unified Santa Ynez Valley Union High Saugus Unified Soledad-Agua Dulce Union Elementary Synergy Charter Academy Torrance Unified Valle Lindo Elementary Walnut Valley Unified Westside Union Whittier Union High William S Hart Union High Wiseburn Elementary

#### Community Colleges

Antelope Valley Cerritos Citrus El Camino Long Beach Los Angeles Rio Honda Santa Clarita Santa Monica

# **Madera County**

K-12

Madera Unified Yosemite Union High

### **Marin County**

K-12

County Superintendent Lincoln Elementary Novato Unified Ross Valley Unified San Rafael City High San Rafael Elementary

Community Colleges
College of Marin

# **Mendocino County**

K-12

Fort Bragg Unified Mendocino Unified Round Valley Unified Ukiah Unified Willits Unified Community Colleges

Mendocino-Lake

# **Merced County**

K-12

County Superintendent Atwater Elementary Ballico Cressey Elementary Delhi Elementary Dos Palos-Oro Loma Joint Unified El Nido Elementary Gustine Unified Hilmar Unified Le Grand Union Elementary Le Grand Union High Livingston Union Los Banos Unified McSwain Elementary Merced City Elementary Merced River Union Elementary Merced Union High Plainsburg Elementary Planada Elementary Snelling Merced Falls Union Elementary Weaver Union Elementary Winton Elementary

# **Monterey County**

K-12

Alisol Union
Bradley Union Elementary
Carmel Unified
Greenfield Union Elementary
Monterey County Office of
Education
Monterey Peninsula Unified
North Monterey County Unified
Pacific Grove Unified
Salinas City Elementary
Santa Rita Union Elementary
Soledad Union Elementary

Community Colleges Monterey Peninsula

# **Napa County**

K-12

County Superintendent Napa Valley Unified Pleasant Ridge Unified Pope Valley Union Elementary St Helena Unified

Community Colleges Napa Valley College

# **Nevada County**

K-12

Grass Valley Elementary Pleasant Ridge Union Elementary Ready Springs Union Twin Ridges Elementary Union Hill Elementary

# **Orange County**

K-1

Anaheim City Anaheim Union High Brea-Olinda Unified Capistrano Unified Fullerton Joint Union High Garden Grove Unified Huntington Beach City Elementary Irvine Unified La Habra City Elementary Laguna Beach Unified Magnolia Elementary Newport-Mesa Unified North Orange ROP Ocean View Elementary Orange Unified Placentia-Yorba Linda Unified

## Community Colleges

Santa Ana Unified

Tustin Unified

Saddleback Valley Unified

Savanna School District

Coast North Orange Rancho Santiago South Orange County

# **Placer County**

K-12

Alta-Dutch Flat Union
Elementary
Auburn Union Elementary
Eureka Union Elementary
Penryn Elementary
Placer Hills Union Elementary
Placer Union High
Prosser Creek Charter
Rocklin Unified
Roseville City Elementary
Roseville Joint Union High

Community Colleges Sierra College

#### **Plumas County**

Community Colleges
Feather River

# **Riverside County**

K-12

Banning Unified
Coachella Valley Unified
Corona-Norco Unified
Desert Sands Unified
Hemet Unified
Jurupa Unified
Lake Elsinore Unified
Moreno Valley Unified
Murrieta Valley Unified
Palm Springs Unified
Palo Verde Unified
Riverside Office of Education

Riverside Unified Romoland Elementary San Jacinto Unified Temecula Valley Unified

Community Colleges

Desert

# **Sacramento County**

K-12

County Superintendent Center Unified Elk Grove Unified Folsom Cordova Unified Galt Joint Union High Grant Joint Union High Natomas Union Elementary Rio Linda Union Elementary River Delta Joint Unified San Juan Unified Sacramento City Unified

Community Colleges

Los Rios

# **San Benito County**

K-12

Aromas San Juan Elementary County Superintendent San Benito County Office of Education

# San Bernardino County

K-12

San Bernardino COE Adelanto Elementary Alta Loma Elementary Apple Valley Baldy View ROP Barstow Unified Bear Valley Unified Chaffey Union High Chino Unified Colton Joint Unified Etiwanda Elementary Fontana Unified Helendale Morgan Hill Morongo Unified Needles Unified Ontario Montclair Elementary Redlands Unified Rialto Unified Rim of the World Unified Silver Valley Unified Upland Unified Victor Elementary Victor Valley Union High Yucaipa Calimesa Unified

Community Colleges

Chaffey San Bernardino Victor Valley

# **Voluntary Investment Program**

# San Diego County

K-12

Alpine Union Borrego Springs Unified County Superintendent Cajon Valley Union Elementary Carlsbad Unified Chula Vista City Del Mar Union Escondido Union Elementary Escondido Union High Fallbrook Union Elementary Grossmont Union High Julian Union Elementary La Mesa Spring Valley Lakeside Union Elementary Mountain Empire Unified Oceanside City Unified Poway Unified Ramona Unified San Diego City Unified San Marcos Unified San Ysidro Elementary Santee Elementary Solana Beach Elementary South Bay Union Elementary Sweetwater Union High Vista Unified Warner Unified

#### Community Colleges

Grossmont Cuyamaca Mira Costa San Diego

# San Francisco County

K-12

San Francisco County Office of Education San Francisco Unified

Community Colleges San Francisco

# San Joaquin County

K-12

County Superintendent
Banta Elementary
Delta Island Union Elementary
Escalon Unified
Holt Union Elementary
Lammersville Elementary
Lincoln Unified
Lodi Unified
Manteca Unified
New Hope Elementary
Oak View Union Elementary
Stockton City Unified
Tracy Elementary

Community Colleges San Joaquin Delta

# San Luis Obispo County

K-12

Atascadero Unified Cambria Union Elementary Cayucos Elementary Lucia Mar Unified Paso Robles Union Elementary Phillips Elementary Pleasant Valley Joint Union Elementary San Luis Coastal Unified

#### Community Colleges

Cuesta San Luis Obispo County

# San Mateo County

K-12

Bayshore
Belmont-Redwood Shores
Elementary
Brisbane Elementary
Cabrillo Unified School District
Hillsborough City
Jefferson Elementary
Las Lomitas Elementary
Menlo Park City Elementary
Portola Valley Elementary
Redwood City Elementary
San Bruno Park
San Mateo City
South San Francisco Unified

#### Community Colleges

College Elementary

Cuyama Joint Unified

San Mateo

# Santa Barbara County

K-12 Ballard Elementary

Goleta Union
Guadalupe Union Elementary
Hope Elementary
Los Alamos Elementary
Montecito Union Elementary
Santa Barbara County Office of
Education
Santa Barbara Solvang Elementary
Santa Maria Bonita
Santa Maria Joint Union High
Santa Ynez Valley Union High

# Solvang Elementary Community Colleges

Allan Hancock Santa Barbara

# Santa Clara County

K-12

County Superintendent Alum Rock Union Elementary Berryessa Union Elementary Central County Regional Program Cupertino Union East Side Union High Evergreen Elementary Franklin McKinley Elementary Gilroy Unified Los Gatos-Saratoga Joint Union High Milpitas Unified Moreland Elementary Mountain View-Los Altos Union High San Jose Unified Solvang

#### Community Colleges

De Anza College Foothill-De Anza San Jose/Evergreen West Valley

# **Santa Cruz County**

K-12

County Superintendent Happy Valley Elementary Live Oak Elementary Mountain Elementary Pacific Elementary Pajaro Valley Unified San Lorenzo Valley Unified Santa Cruz City Elementary Scotts Valley Unified

Community Colleges Cabrillo

# **Shasta County**

K-12

Anderson Union High Black Butte Union Elementary Enterprise School District Grant Elementary Millville Elementary Shasta Union Elementary Shasta Union High

# Community Colleges

Shasta Tehema Trinity

# **Sierra County**

K-12

Sierra-Plumas Joint Unified

# Siskiyou County

K-12

County Superintendent Dunsmuir Joint Union High Etna Union High Klamath River Union Elementary Mt Shasta Union

Community Colleges

Siskiyou Joint

# **Solano County**

K-12

Benicia Unified Dixon Unified Fairfield-Suisun Unified Vacaville Unified Vallejo City Unified

# **Sonoma County**

K-12

Analy Union High Cloverdale Unified Cotati-Rohnert Park Unified Fort Ross Elementary Guerneville Elementary Old Adobe Union Elementary Petaluma City Sebastopol Union Elementary Two Rock Union Elementary Waugh Elementary Westside Union Elementary Wright Elementary

Community Colleges

Sonoma County Junior College

# **Stanislaus County**

K-12

Ceres Unified Hart Ransom Union Elementary Hickman Elementary Hughson Union Elementary Keyes Union Elementary Knights Ferry Elementary Oakdale Joint Union High Paradise Elementary Patterson Joint Unified Riverbank Elementary Roberts Ferry Union Elementary Salida Union Elementary Shiloh Elementary Stanislaus County Office of Education Stanislaus Union Elementary Sylvan Union Elementary Turlock Joint Union High Valley Home Joint Elementary Waterford Elementary

Community Colleges Yosemite

# **Sutter County**

K-12

Browns Elementary County Superintendent Live Oak Unified Yuba City Unified

# **Tehama County**

K-12

Los Molinos Unified Red Bluff Union Elementary

# **Trinity County**

K-12

County Superintendent Southern Trinity Joint Unified

# **Tulare County**

K-12

Allensworth Elementary
Alpaugh Unified
Alta Vista Elementary
Buena Vista Elementary
Burton Elementary
Citrus South Tule Elementary
Columbine Elementary
Cutler Orosi Joint Unified
Dinuba Elementary
Ducar Union Elementary
Earlimart Elementary
Earlimart Elementary
Exeter Union Elementary
Farmersville Unified
Hope Elementary
Hot Spring Elementary
Liberty Elementary
Liberty Elementary
Lindsay Unified
Oak Valley Union Elementary
Palo Verde Union Elementary
Pixley Union Elementary
Porterville Union High
Tulare County Organization for
Vocations
Tulare County Superintendent
Visalia Unified

# **Tuolumne County**

K-12

Columbia Union Curtis Creek Elementary Jamestown Elementary Sonora Union High

# **Ventura County**

K-12

Conejo Valley Unified Moorpark Unified Oak Park Unified Oceanview Elementary Oxnard Elementary Rio Elementary

# **Yolo County**

K-12

County Superintendent Davis Joint Unified



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