

# Comprehensive Annual Financial Report

Fiscal Year Ended June 30, 2010

Santa Barbara County Employees' Retirement System A Pension Trust Fund for the County of Santa Barbara, California

Santa Barbara County Employees' Retirement System

# Comprehensive Annual Financial Report

For Fiscal Years Ended June 30, 2010 and 2009

Issued by -

Vincent P. Brown, Chief Executive Officer Rico Pardo, Retirement Financial Accounting Analyst



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# **MISSION**

# Santa Barbara County Employees' Retirement System is committed to:

- Fulfilling its fiduciary responsibility by providing the highest quality of service to all members and plan sponsors and
- \* Protecting promised benefits through prudent investing while
- **Ensuring** reasonable expenses of administration.

# 1 Introduction



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Santa Barbara County Employees' Retirement System

Vincent P. Brown, Chief Executive Officer

April 27, 2011

Board of Retirement Santa Barbara County Employees' Retirement System 3916 State Street, Suite 210 Santa Barbara, CA 93105



Dear Board Members,

I am pleased to submit this Comprehensive Annual Financial Report (CAFR) of the Santa Barbara County Employees' Retirement System (SBCERS) for Fiscal Years Ended June 30, 2010 and June 30, 2009. This report is intended to provide readers with complete and reliable information about the SBCERS' financial status, compliance with the law, and administrative consistency with policy.

As of June 30, 2010, the SBCERS total portfolio contained \$1.6 billion of plan net assets. The total investment portfolio experienced a \$187.9 million increase in value during the previous one-year period. The improvement in asset value reflects the impact of recovery from the recent 2008-2009 market crisis. The fund experienced a market rate of return of 14.4%, outperforming its policy benchmark by approximately 1.9% (net of fees) for the year ending June 30, 2010. For the trailing periods ending June 30, 2010, the SBCERS total portfolio outperformed its policy benchmark over all time periods under observation of one year or more (net of fees).

As of June 30, 2010, the financial statements reflect a full year of activity from the County and other agencies participating in the 401(h) Retiree Health Medical Trust Fund which was established in September 2008. The activity in the 401(h) Retiree Medical Trust is separate from the pension fund activity and is recorded as such in the financial statements.

I encourage you to review the narrative introduction, overview and analysis located in Management's Discussion and Analysis beginning on page 14.

#### THE COMPREHENSIVE ANNUAL FINANCIAL REPORT

Responsibility for both accuracy of the data and the completeness and fairness of the presentation rests with SBCERS' management. It is our intent and belief that the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the System.

#### **SBCERS AND ITS SERVICES**

SBCERS was established on January 1, 1944, and is administered by the Board of Retirement to provide service retirement, disability, death, and survivor benefits for County employees and contracting districts under the California State Government Code §31450 et seq., (County Employees' Retirement Law of 1937). Members include all permanent full and part-time employees of the County of Santa Barbara, the Santa Barbara County Courts, and the following nine districts:

- Carpinteria Cemetery District
- Carpinteria-Summerland Fire Protection District
- Goleta Cemetery District
- Mosquito & Vector Management District of Santa Barbara County
- Oak Hill Cemetery District
- Santa Barbara County Air Pollution Control District
- Santa Barbara County Association of Governments
- Santa Maria Cemetery District
- Summerland Sanitary District

The Board of Retirement is responsible for establishing policies governing the administration of the retirement plan and managing the investment of the System's assets under authority granted by Article XVI of the Constitution of the State of California.

Article XVI, Section 17(a) provides that the Retirement Board has "the sole and exclusive responsibility to administer the system in a manner that will assure prompt delivery of benefits and related services to the participants and their beneficiaries." Section 17(b) further provides that "members of the Retirement Board of a public retirement system shall discharge their duties...solely in the interest of, and for the exclusive purpose of providing benefits to participants and their beneficiaries, minimizing employer contributions thereto, and defraying reasonable expenses of administering the system. A Retirement Board's duty to its participants and their beneficiaries shall take precedence over any other duty."

The Board consists of nine members and two alternates. The County Board of Supervisors appoints four, members of the Retirement System elect six (including the two alternates), and the County Treasurer is an ex-officio member. The Retirement System is not a component unit of the County of Santa Barbara as the County is not financially accountable for the Retirement System. The Board of Retirement (Board) continues to demonstrate its commitment to providing accurate and timely service to our 5,409 active and deferred members and 3,318 benefit recipients into the future.

#### SERVICE EFFORTS AND ACCOMPLISHMENTS

#### **STAFFING**

SBCERS budgeted for a Chief Investment Officer (CIO) position in FY 09-10. Once the position was approved and established through County Human Resources, a recruitment and selection process was begun. Although interviews were conducted, no candidates were hired as a result of the search. The Board and SBCERS staff are considering options to fill the CIO position.

Due to the increased workload of administrating the 401(h) Retiree Health Benefits Trust and increasing complexity of health insurance, SBCERS also budgeted for an Accountant position in FY 10-11. The position was approved and will be filled in the next fiscal year.

SBCERS Disability Manager Annette Paladino retired in January 2010 after more than 20 years of service. Ms. Paladino developed the SBCERS' disability program into one of the premier disability retirement programs in the state of California. Cristal Rodriguez was subsequently promoted to Disability Manager having been mentored by Ms. Paladino prior to her retirement.

#### **BENEFIT SERVICES**

In an effort to contain spiraling health care costs, Santa Barbara County, which provides health insurance to its employees and retirees, obtained acceptance and entered into a three-year contract with a pooled insurance program known as CSAC EIA-Health Program (California State Association of Counties Excess Insurance Authority). CSAC partners with Blue Shield of California for health insurance services. The transition from Aetna to CSAC Blue Shield was effective January 1, 2010. This benefit change was significant to the retirees. Multiple mailings and educational out-reach efforts were made to inform and educate retirees for this transition. This service affected approximately 1800 eligible retirees who elect to participate in a County-sponsored group health plan.

The County of Santa Barbara granted a Retirement Incentive Program that offered two years' additional service credit (commonly referred to as Golden Handshakes) to 119 employees over the age of sixty or in Deputy District Attorney classifications and who retired by specified dates. The total cost of \$6,854,011, as determined by Milliman, the System's actuary, was paid by the County to SBCERS.

An annual Cost of Living increase of negative one percent -1.0% was approved by the Board of Retirement for all eligible retirees and beneficiaries effective April 1, 2010. A negative cost of living adjustment was charged against a member's bank and any remaining accumulation was used to increase the member's monthly benefit, up to 3%. This had varying affects on our retired members. Retirees who retired on or before April 1, 2006, had a sufficient accumulated "COLA bank" to receive a full 3% COLA. Retirees who retired after April 1, 2006, received less than 3%, depending on their accumulated COLA bank. Retirees who retired between April 2, 2008, and April 1, 2009 (and received the April 2009 COLA), saw a 0.5% decrease in their monthly allowance beginning with their May benefit. Persons retiring between April 2, 2009 and April 1, 2010 received no adjustment to benefits, but accrued a -1.0% COLA bank accumulation. A retirement allowance cannot be reduced below the original benefit amount. A negative cost of living adjustment is rare and required programming changes to our pension software to properly apply the negative COLA.

#### FINANCIAL INFORMATION

SBCERS' management is responsible for the accuracy of the data, the completeness and fairness of the presentation of financial information, including all disclosures, and establishing and maintaining an internal control structure designed to provide reasonable assurance regarding the safekeeping of assets and the reliability of financial records. Nasif, Hicks, Harris & Co., LLP, independent auditors, have audited the financial statements and expressed their opinion that SBCERS' financial statements are presented in conformity with generally accepted accounting principles and are free of material misstatement.

#### **INVESTMENTS**

The Board of Retirement has exclusive control of all investments of the Retirement System and is responsible for the establishment of investment objectives, strategies, and policies. Members of the Board serve in a fiduciary capacity and are authorized to invest in any form or type of investment deemed prudent in the informed opinion of the Board.

External investment management firms manage the assets of SBCERS. Staff and the System's investment consultants closely monitor the activity of these managers and assist the Board with implementation of investment policies and long-term investment strategies. The Investment Goals, Policies, and Procedures establish investment program goals, asset allocation of the plan, policies, performance objectives, investment management policies, and risk controls.

SBCERS' annualized rate of return over the last three and five-years (net of fees) is (4.90)% and 2.10% respectively. More detail on SBCERS' investment performance and policies can be found in the Management Discussion and Analysis Report (page 14) and in the Investment section (page 49).

#### **ACTUARIAL FUNDED STATUS**

SBCERS' funding objective is to satisfy all benefit commitments by following an actuarially prudent funding plan, obtaining superior investment returns consistent with established risk controls, and minimizing employer contributions to the retirement fund.

SBCERS engages an independent actuarial consulting firm, Milliman, Inc., to conduct annual actuarial valuations. The purpose of the valuation is to reassess the magnitude of the benefit commitments compared to the assets expected to be available to support those commitments so employer and member contribution rates can be adjusted accordingly. The funding policy for amortizing the unfunded actuarial accrued liability (UAAL) remains the same as of June 30, 2009. The funding policy calls for a 17-year "open/rolling" amortization period. The Board adopted this funding policy at its September 23, 2009 meeting to be effective retroactive to June 30, 2009. At June 30, 2010, SBCERS' funded ratio was 73.7%, with the actuarial value of assets totaling \$1,927.2 million and the actuarial accrued liability totaling \$2,616.1 million.

On a triennial basis, the actuarial firm also conducts an experience study and makes recommendations to the Board on all economic and non-economic assumptions. The last experience study was conducted as of June 30, 2010.

More detailed information on methods and funding status can be found in the Financial and Actuarial sections of the CAFR

The most significant change in actuarial assumptions adopted in relation to the June 30, 2010 experience study was a reduction in the assumed annual rate of return on investments from 8.16% to 7.75%. Among the other changes in actuarial assumptions were a reduction in the assumed inflation rate and changes in mortality rates to reflect longer expected benefit payment periods.

#### **ACKNOWLEDGMENTS**

I would like to express my appreciation for the dedication and efforts of the staff members who contributed to the preparation of the CAFR. Their combined efforts have produced a report that will enable the Board, members and the plan sponsors to better evaluate and understand the Santa Barbara County Employees' Retirement System. I also want to express my thanks to the Board of Retirement for its dedicated effort and to the retirement staff for its commitment to SBCERS, a combination that assures the System's continued successful operation.

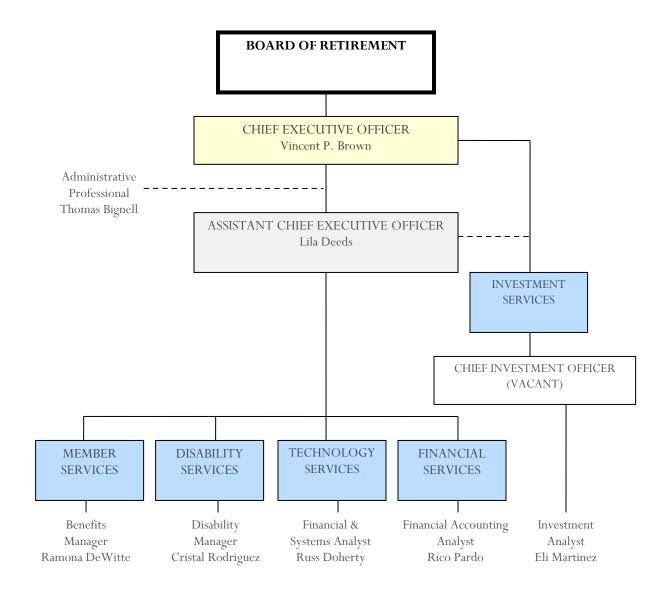
Respectfully submitted,

Vinant P. Brown

Vincent P. Brown

Chief Executive Officer

#### 2010 ORGANIZATIONAL CHART



A listing of Professional Consultants can be located on page 10 in the Introduction section. A listing of Investment Managers can be located on page 56 in the Investment section.

# **BOARD OF RETIREMENT**



**Donald Kendig SECRETARY** Elected by General Members Present term expires Dec. 2011



**CHAIR** Appointed by Board of Supervisors Present term expires Dec. 2010



**Zandra Cholmondeley** VICE CHAIR Elected by Retired Members Present term expires Dec. 2011



**Bernice James MEMBER COUNTY TREASURER** Ex. Officio Member Mandated by Law



Al Rotella **MEMBER** Appointed by **Board of Supervisors** 



**MEMBER** Appointed by Board of Supervisors Present term expires Dec. 2011 Present term expires Dec. 2010 Present term expires Dec. 2011



Vanessa Patterson **MEMBER** Appointed by Board of Supervisors



Julie McCammon **MEMBER** Elected by Safety Members Present term expires Dec. 2010 Present term expires Dec. 2010 Present term expires Dec. 2011 Present term expires Dec. 2010



Fred Tan ALTERNATE MEMBER Elected by Safety Members



ALTERNATE MEMBER Elected by Retired Members



Darryl Scheck **MEMBER** Elected by General Members

#### LIST OF PROFESSIONAL CONSULTANTS

#### Actuary

Milliman, Inc.

### **Independent Auditor**

Nasif, Hicks, Harris & Co., LLP

#### Custodian

**BNY Mellon Global Securities Services** 

#### **Legal Advisors**

Santa Barbara County Counsel McCarthy & Kroes Moscarino & Connolly, LLP Reed Smith, LLP Reicker, Pfau, Pyle & McRoy, LLP Rogers, Sheffield & Campbell, LLP Steptoe & Johnson, LLP

#### **Investment Consultants**

Hamilton Lane Advisors, LLC Institutional Shareholder Services (Risk Metrics Group) Pension Consulting Alliance, Inc. Partners Group Real Estate, LLC The Townsend Group

### **Other Specialized Services**

Alliance Resource Consulting, LLC Levi, Ray & Shoup, Inc. Novanis

# 11 Financial



### Nasif, Hicks, Harris & Co., LLP

CERTIFIED PUBLIC ACCOUNTANTS

WILLIAM J. NASIF STEVEN J. HICKS JEFFERY P. HARRIS BARBARA ROGERS SCOLLIN JODY DOLAN HOLEHOUSE THOMAS W. BURK MARIANNE F. BLOOM ROBERT SWAYNE LYONS LAWRENCE W. BROWN SARAH E. TURNER

104 WEST ANAPAMU STREET, SUITE B SANTA BARBARA, CALIFORNIA 93101-3126 TELEPHONE (805) 966-1521 FAX (805) 963-1780 www.nhhco.com

April 12, 2011

#### Independent Auditors' Report

The Honorable Board of Retirement Santa Barbara County Employees' Retirement System

We have audited the accompanying financial statements of the Santa Barbara County Employees' Retirement System (SBCERS) as of and for the years ended June 30, 2010 and 2009, which collectively comprise SBCERS's basic financial statements as listed in the table of contents. These financial statements are the responsibility of the Santa Barbara County Employees' Retirement System's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits 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 audits provide a reasonable basis for our opinion.

As discussed in Note 6, Actuarial Valuation, to determine the Unfunded Actuarial Accrued Liabilities, an actuarial Investment Rate of Return of 7.75% has been assumed. This rate of return was determined by the Board of Retirement based upon a 2010 Experience Study.

In our opinion, the financial statements referred to above present fairly, in all material respects, the plan net assets of the Santa Barbara County Employees' Retirement System as of June 30, 2010 and 2009, and the changes in its plan net assets for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 14-17, and the schedules of funding progress and employer contributions on page 42-45 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquires, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Our audit was conducted for the purpose of forming opinions on the basic financial statements taken as a whole. The introduction section, schedules of administrative expenses, investment fees, and payments to consultants on pages 46-47, and the investments, actuarial, and statistical sections are presented for purposes of additional analysis and are not a required part of the financial statements. The schedules of administrative expenses, investment fees, and payments to consultants have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly presented in all material respects in relation to the basic financial statements taken as a whole. The information presented in the introduction, investments, actuarial, and statistical sections have not been audited by us and, accordingly, we express no opinion or provide any assurance on them.

Nasif, Hicks, Harris & Co., LLP

Nasib, thick, Hamis & Co., LLP

# MANAGEMENT'S DISCUSSION AND ANALYSIS

This Management's Discussion and Analysis of the financial activities of Santa Barbara County Employees' Retirement System (SBCERS) is an overview of fiscal operations for the fiscal year ended June 30, 2010. Please review it in conjunction with the Financial Statements.

#### **Financial Highlights**

- Net Assets Held in Trust for Pension Benefits, as reported in the Statement of Plan Net Assets, total \$1.6 billion, an increase of \$187.9 million or 13.2% from the prior year.
- Net investment income (including securities lending) increased by \$528.4 million from \$(333.8) in fiscal year 2008-2009 to \$194.6 in fiscal year 2009-2010.
- Contributions (member and employer) increased by \$9.3 million or 10.7% from fiscal year 2008-2009 to 2009-2010.
- Benefit payments increased by \$8.6 million or 9.7% from fiscal year 2008-2009 to 2009-2010.
- The latest actuarial valuation completed was as of June 30, 2010 and determined the funded status (the ratio of system assets to system liabilities) to be 73.7%, a decrease from 75.3% at June 30, 2009.

This decrease was caused primarily by the changes in assumptions pursuant to the Investigation of Experience. These losses were partially offset by the positive

investments returns experienced since the prior valuation. The funding policy for amortizing the Unfunded Actuarial Accrued Liability (UAAL) remains a 17-year "open/rolling" amortization period. Under this funding policy, the entire UAAL is amortized over a constant period, in this case, 17 years. The amortization factor does not change from year to year unless the discount rate or salary assumption is changed. SBCERS' funding objective is to meet long-term benefit obligations through contributions and investment income. Milliman, Inc. served as SBCERS' independent actuary.

#### **Overview of Financial Statements**

This Management's Discussion and Analysis serves as an introduction to the basic financial statements. SBCERS has two basic financial statements, the notes to the financial statements, and two required supplementary schedules of historical trend information. The basic financial statements and the required disclosures comply with the Governmental Accounting Standards Board's accounting principles and reporting guidelines and utilize the accrual basis of accounting.

The Statement of Plan Net Assets is the first basic financial report. This statement of account balances at fiscal year end reflects assets available for future payments to retirees and their beneficiaries and any current liabilities that are owed at fiscal year end. The net assets, which are the assets less the liabilities, reflect the funds available for future use.

- The Statement of Changes in Plan Net Assets is the second financial report. This report reflects all the activities that occurred during the fiscal year, and shows the impact of those activities as Additions or Deductions to the plan.
- The Notes to the Financial Statements (Notes) are an integral part of the financial reports. The Notes provide detailed discussion of key policies, programs, and activities that occurred during the year.
- The Schedule of Funding Progress, a required supplementary schedule, includes historical trend information about the funded status of the plan, and the progress made in accumulating sufficient assets to pay benefits when due.

The Schedule of Employer Contributions, also a required supplementary schedule, presents historical trend information about the annual required contributions of the employers and the actual contributions made.

#### **Financial Analysis**

Table 1 and Table 2 present condensed comparative summaries about SBCERS' financial results for the current and prior years.

The current fiscal period closed with net assets of \$1.6 billion. All of the net assets are available to meet the System's ongoing obligations to plan participants and their beneficiaries.

| Table 1 - PENSION PLAN NET ASSE   | ETS |   |    |   | Increase   | Percent Increase                                  |
|---|-----|---|----|---|--|---|
| For the Years Ended June 30, 2010 and 200   | 9   | 2010  |    | 2009  | / (Decrease)   | / (Decrease)                                      |
| Cash & Investments  | \$  | 1,607,312,071   | \$ | 1,437,884,449   | \$<br>169,427,622  | 11.8 %  |
| Securities Lending  |     | 71,502,381  |    | 105,353,402   | (33,851,021)   | (32.1)%   |
| Receivables   |     | 55,836,072  |    | 112,463,595   | (56,627,523)   | (50.4)%   |
| Total Assets  | _   | 1,734,650,524   | _  | 1,655,701,446   | <br>78,949,078   | 4.8 %   |
| Securities Lending  |     | 71,502,381  |    | 105,353,402   | (33,851,021)   | (32.1)%   |
| Other Liabilities   | _   | 53,699,445  | _  | 128,828,862   | <br>(75,129,417)   | (58.3)%   |
| Total Liabilities   |     | 125,201,826   |    | 234,182,264   | <br>(108,980,438)  | (46.5)%   |
| Net Assets  | \$  | 1,609,448,698   | \$ | 1,421,519,182   | \$<br>187,929,516  | 13.2 %  |
|   | _   |   | _  |   |  |   |
|   | -   |   | _  |   | Increase   | Percent Increase                                  |
| For the Years Ended June 30, 2009 and 200   | -8  | 2009  |    | 2008  | Increase / (Decrease)  | Percent Increase / (Decrease)                     |
|   | \$  | 2009  | \$ | <b>2008</b> 1,863,664,196   | \$   |   |
|   |     |   | \$ |   | \$<br>/ (Decrease)   | / (Decrease)                                      |
| Cash & Investments  |     | 1,437,884,449   | \$ | 1,863,664,196   | \$<br>/ (Decrease)<br>(425,779,747)  | / (Decrease)<br>(22.8)%                           |
| Cash & Investments Securities Lending   |     | 1,437,884,449<br>105,353,402  | \$ | 1,863,664,196<br>60,378,810   | \$<br>/ (Decrease) (425,779,747) 44,974,592                                      | / (Decrease)<br>(22.8)%<br>74.5 %                 |
| Cash & Investments Securities Lending Receivables                                 |     | 1,437,884,449<br>105,353,402<br>112,463,595                                 | \$ | 1,863,664,196<br>60,378,810<br>116,178,165                                | \$<br>/ (Decrease) (425,779,747) 44,974,592 (3,714,570)                          | / (Decrease) (22.8)% 74.5 % (3.2)%                |
| Cash & Investments Securities Lending Receivables Total Assets                    |     | 1,437,884,449<br>105,353,402<br>112,463,595<br>1,655,701,446                | \$ | 1,863,664,196<br>60,378,810<br>116,178,165<br>2,040,221,171               | \$<br>/ (Decrease) (425,779,747) 44,974,592 (3,714,570) (384,519,725)            | / (Decrease) (22.8)% 74.5 % (3.2)% (18.8)%        |
| Cash & Investments Securities Lending Receivables Total Assets Securities Lending |     | 1,437,884,449<br>105,353,402<br>112,463,595<br>1,655,701,446<br>105,353,402 | \$ | 1,863,664,196<br>60,378,810<br>116,178,165<br>2,040,221,171<br>60,378,810 | \$<br>/ (Decrease) (425,779,747) 44,974,592 (3,714,570) (384,519,725) 44,974,592 | / (Decrease) (22.8)% 74.5 % (3.2)% (18.8)% 74.5 % |

#### **Additions to Plan Net Assets**

The sources of assets to fund the benefits SBCERS provides are the collection of member and employer contributions, along with the accumulated investment returns. These income sources for fiscal year 2009 - 2010 totaled \$291.1 million, compared with (246.7) million in 2008 -2009. This increase is primarily due to overall improved investment performance.

Total contributions increased by 10.7% over the contributions made in 2008 - 2009.

#### **Deductions from Plan Net Assets**

The primary uses of SBCERS' assets include the payment of benefits to retired members and their beneficiaries, refunds of contributions to terminated employees, and the costs of administering the System. The deductions for fiscal year 2009-2010 were \$103.2 million, an increase of \$8.5 million, or 9.0%, over 2008-2009. This increase can be attributed to the increasing population of new retirees as well as the salaries upon which benefits are based are increasing.

All OPEB related activities were accounted for directly in the 401(h) Retiree Health Benefits Trust.

Table 2 CHANCES IN DENSION DI AN NET ASSETS

| Table 2 - CHANGES IN PENSION PLAN NET ASSETS |           |               |    |               |              | Increase      | Percent Increase |
|--|-----------|---------------|----|---------------|--------------|---------------|------------------|
| For the Years Ended June 30, 2010 and        | 2010 2009 |               |    | / (Decrease)  | / (Decrease) |               |                  |
| Additions                                    |           |               |    |               |              |               | · · · · · ·      |
| Contributions                                | \$        | 96,296,128    | \$ | 86,985,601    | \$           | 9,310,527     | 10.7 %           |
| Investment Income (net)                      |           | 194,245,455   |    | (334,169,995) |              | 528,415,450   | 158.1 %          |
| Securities Lending (net)                     |           | 337,623       |    | 382,737       |              | (45,114)      | (11.8)%          |
| Other  |           | 228,877       |    | 63,736        |              | 165,141       | 259.1 %          |
| Total Additions                              | _         | 291,108,083   |    | (246,737,921) |              | 537,846,004   | 218.0 %          |
| Deductions                                   |           |               |    |               |              |               |                  |
| Pension Benefits                             |           | 97,813,216    |    | 89,180,779    |              | 8,632,437     | 9.7 %            |
| Member Withdrawals                           |           | 1,319,448     |    | 1,609,893     |              | (290,445)     | (18.0)%          |
| Actuarial Expenses                           |           | 290,549       |    | 222,891       |              | 67,658        | 30.4 %           |
| Legal Expenses                               |           | 664,800       |    | 632,863       |              | 31,937        | 5.0 %            |
| Administrative Expense                       |           | 3,090,554     |    | 3,045,028     |              | 45,526        | 1.5 %            |
| Total Deductions                             | _         | 103,178,567   | _  | 94,691,454    | _            | 8,487,113     | 9.0 %            |
| Net Increase / (Decrease)                    | \$        | 187,929,516   | \$ | (341,429,375) | \$           | 529,358,891   | 155.0 %          |
|  |           |               |    |               |              | Increase      | Percent Increase |
| For the Years Ended June 30, 2009 and        | 1 2008    | 2009          |    | 2008          |              | / (Decrease)  | / (Decrease)     |
| Additions                                    | 1 2000    | 2007          |    | 2000          |              | / (Decrease)  | 7 (Beerease)     |
| Contributions                                | \$        | 86,985,601    | \$ | 84,940,244    | \$           | 2,045,357     | 2.4 %            |
| Investment Income (net)                      | φ         | (334,169,995) | φ  | (133,832,849) | φ            | (200,337,146) | (149.7)%         |
| Securities Lending (net)                     |           | 382,737       |    | 583,617       |              | (200,880)     | (34.4)%          |
| Other  |           | 63,736        |    | 629,238       |              | (565,502)     | (89.9)%          |
| Total Additions                              | -         | (246,737,921) | -  | (47,679,750)  | _            | (199,058,171) | (417.5)%         |
| Deductions                                   |           | (=:0,:0:,:=:) |    | (,,)          |              | (,,,          | (11119)11        |
| Pension Benefits                             |           | 89,180,779    |    | 84,409,181    |              | 4,771,598     | 5.7 %            |
| Member Withdrawals                           |           | 1,609,893     |    | 1,819,710     |              | (209,817)     | (11.5)%          |
| Actuarial Expenses                           |           | 222,891       |    | 403,291       |              | (180,400)     | (44.7)%          |
| Legal Expenses                               |           | 632,863       |    | 470,157       |              | 162,706       | 34.6 %           |
| Administrative Expenses                      |           | 3,045,028     |    | 2,730,648     |              | 314,380       | 11.5 %           |
| Total Deductions                             | -         | 94,691,454    | _  | 89,832,987    | _            | 4,858,467     | 5.4 %            |
| Net Increase / (Decrease)                    | \$        | (341,429,375) | \$ | (137,512,737) | \$           | (203,916,638) | (148.3)%         |

#### **Investment Analysis**

The Plan's investment performance is a function of the underlying financial markets for the period measured, asset allocation and individual investment manager judgment. SBCERS follows a Board of Retirement adopted investment policy that provides structure and guidance for the management of the investment portfolio. All of SBCERS' assets are externally managed on a discretionary basis, including the Private Equity and Private Real Estate portfolios.

SBCERS gained 14.4% (net of fees) over the twelve month period ending June 30, 2010 and beat the policy benchmark by 1.9% over the same period. This represents a \$187.9 million increase in value from June 30, 2009. For further information on SBCERS' investments please refer to the Investment Section.

#### **Funded Status**

The funded ratio as of June 30, 2010 was 73.7% using the entry age actuarial cost method with a five year smoothing of the actuarial value of assets. As of the fiscal year ended June 30, 2010, the net assets were \$1.6 billion. The next actuarial valuation will be completed in 2011.

Of primary concern to most pension plan participants is the amount of money available to pay benefits. Historically, pension plans have been underfunded when the employer failed to make annual actuarially required contributions to the plan. For SBCERS, the cost-sharing multiple employers have traditionally contributed the annual required contribution (ARC) as determined by the Plan's Actuary. Currently, \$1,609,448,698 in net assets is held in trust for pension benefits. All of the net assets are available to meet SBCERS' ongoing obligation to plan participants and their beneficiaries.

An indicator of funded status is the ratio of the actuarial value of the assets to the actuarial accrued liability (AAL). An increase in the percentage over time usually indicates a plan is becoming financially stronger. However, a decrease will not necessarily indicate a plan is in financial decline. Changes in actuarial assumptions can significantly impact the AAL. Performance in the capital markets can have a material impact on the actuarial value of assets.

#### **Requests for Information**

This financial report is designed to provide the Board of Retirement, our membership, plan sponsors, taxpayers, and investment managers, with a general overview of SBCERS' finances and to show accountability for the money it receives. Questions concerning any of the information provided in this report or requests for copies or additional financial information should be addressed to:

> **SBCERS** 3916 State Street, Suite 210 Santa Barbara, California 93105

This report is also available on SBCERS' website under "Forms and Publications" at www.sbcers.org.

Respectfully submitted,

Vincent P. Brown

Vincent P. Brown Chief Executive Officer

## STATEMENT OF PLAN NET ASSETS

As of June 30, 2010 and 2009

| Asserts  | 713 of June 30, 2010 and 2009  |                     |              |                      |                            |              |                      |
|--|--------------------------------|---------------------|--------------|----------------------|----------------------------|--------------|----------------------|
| Pension   Pens   |                                |                     | 401(h)       |                      |                            | 401(h)       |                      |
| Renefits   |                                |                     | Retiree      |                      |                            | Retiree      |                      |
| Cash   |                                | Pension             |              |                      | Pension                    |              |                      |
| Cash   |                                | Benefits            | Benefits     | <b>JUNE 30, 2010</b> | Benefits                   | Benefits     | <b>JUNE 30, 2009</b> |
| Cash   | ASSETS                         |                     |              |                      |                            |              |                      |
| Receivables  |                                | s 21,483,873 s      | 1,440,243 \$ | 22,924,116           | \$ 11,632,923 \$           | 1,144,525 \$ | 12,777,448           |
| Contributions 3,983,960 691,651 4,675,611 3,272,529 626,298 3,898,827 Other 123,565 14,532 138,097 91,314 11,410 102,724 Accrued Interest 3,912,942 6,309 3,919,251 4,525,452 12,628 4,538,080 Dividends 1,308,354 - 1,308,354 1,093,149 12,628 4,538,080 Dividends 46,507,251 - 46,507,251 103,481,151 - 103,481,151 Total Receivables 55,836,072 712,492 56,548,564 112,463,595 650,336 113,113,931 Investments at Fair Value Short Term Investments 51,142,189 - 51,142,189 43,494,167 - 43,494,167 Private Equity 558,091,702 558,091,702 542,060,779 50 588,091,702 542,060,779 50 588,091,702 542,060,779 50 588,091,702 542,060,779 50 585,091,702 542,060,779 50 585,091,702 542,060,779 50 585,091,702 542,060,779 542,060,779 50 585,091,702 585,091,702 585,0 |                                |                     |              |                      |                            |              |                      |
| Contributions 3,983,960 691,651 4,675,611 3,272,529 626,298 3,898,827 Other 123,565 14,532 138,097 91,314 11,410 102,724 Accrued Interest 3,912,942 6,309 3,919,251 4,525,452 12,628 4,538,080 Dividends 1,308,354 - 1,308,354 1,093,149 12,628 4,538,080 Dividends 46,507,251 - 46,507,251 103,481,151 - 103,481,151 Total Receivables 55,836,072 712,492 56,548,564 112,463,595 650,336 113,113,931 Investments at Fair Value Short Term Investments 51,142,189 - 51,142,189 43,494,167 - 43,494,167 Private Equity 558,091,702 558,091,702 542,060,779 50 588,091,702 542,060,779 50 588,091,702 542,060,779 50 588,091,702 542,060,779 50 585,091,702 542,060,779 50 585,091,702 542,060,779 50 585,091,702 542,060,779 542,060,779 50 585,091,702 585,091,702 585,0 | D : 11                         |                     |              |                      |                            |              |                      |
| Other         123,565         14,532         138,097         91,314         11,410         102,724           Accrued Interest         3,912,942         6,309         3,919,251         4,525,452         12,628         4,538,080           Dividends         1,308,354         -         1,308,354         1,093,149         -         1,093,149           Security Sales         46,507,251         -         46,507,251         103,481,151         -         103,481,151           Total Receivables         55,836,072         712,492         56,548,564         112,463,595         650,336         113,113,931           Investments at Fair Value         Short Term Investments         51,142,189         -         51,142,189         43,494,167         -         43,494,167         -         43,494,167         -         43,494,167         -         43,494,167         -         43,690,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         36,708,253         0.         28,206,0779         0.   |                                | 2 002 070           | (01 (51      | 4 675 611            | 2 272 520                  | (2( 200      | 2 000 027            |
| Accrued Interest 3,912,942 6,309 3,919,251 4,525,452 12,628 4,538,080 Dividends 1,308,354 - 1,308,354 1,093,149 - 1,093,149 Security Sales 46,507,251 - 46,507,251 103,481,151 - 103,481,151 Total Receivables 55,836,072 712,492 56,548,564 112,463,595 650,336 113,113,931    Investments at Fair Value Short Term Investments 51,142,189 - 51,142,189 43,494,167 - 43,494,167   |                                |                     |              |                      |                            |              |                      |
| Dividends  |                                |                     |              |                      |                            |              |                      |
| Security Sales   |                                |                     | 6,309        |                      |                            | 12,628       |                      |
| Investments at Fair Value   Short Term Investments   Si,142,189   Si,142,189   Si,142,189   Si,142,189   Si,142,189   Si,168,188   Si,168,253   Si   |                                |                     | -            |                      |                            | -            |                      |
| Investments at Fair Value   Short Term Investments   51,142,189   - 51,142,189   43,494,167   - 43,494,167   Private Equity   55,168,188   - 55,168,188   36,708,253   - 36,708,253   Domestic Equity   585,091,702   - 585,091,702   542,060,779   - 542,060,779   Domestic Bonds   415,198,303   - 415,198,303   375,970,642   - 375,970,642   International Equity   305,747,082   - 305,747,082   281,406,268   - 281,406,268   International Bonds   106,185,345   - 106,185,345   81,776,521   - 81,776,521   Real Estate   67,295,389   - 67,295,389   64,834,896   - 64,834,896   - 64,834,896   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Total Investments   1,657,330,579   - 1,657,330,579   1,531,604,928   - 1,531,604,928   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 7,061,794   - 7,061,794   Collateral Held for Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,   | •                              |                     |              |                      |                            | -            |                      |
| Short Term Investments   | Total Receivables              | 55,836,072          | 712,492      | 56,548,564           | 112,463,595                | 650,336      | 113,113,931          |
| Private Equity 55,168,188 - 55,168,188 36,708,253 - 36,708,253 Domestic Equity 585,091,702 - 585,091,702 542,060,779 - 542,060,779 Domestic Bonds 415,198,303 - 415,198,303 75,970,642 - 375,970,642 International Equity 305,747,082 - 305,747,082 281,406,268 - 281,406,268 International Bonds 106,185,345 - 106,185,345 81,776,521 - 81,776,521 Real Estate 67,295,389 - 67,295,389 64,834,896 - 64,834,896 Sub-Total Investments 71,585,828,198 - 1,585,828,198 1,426,251,526 - 1,426,251,526 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  Total Investments 8 Securities Lent 1,657,330,579 - 1,657,330,579 1,531,604,928 - 1,531,604,928  TOTAL ASSETS 1,734,650,524 2,152,735 1,736,803,259 1,655,701,446 1,794,861 1,657,496,307  LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599 Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &  | Investments at Fair Value      |                     |              |                      |                            |              |                      |
| Domestic Equity   585,091,702   - 585,091,702   542,060,779   - 542,060,779   Domestic Bonds   415,198,303   - 415,198,303   375,970,642   - 375,970,642   International Equity   305,747,082   - 305,747,082   281,406,268   - 281,406,268   International Bonds   106,185,345   - 106,185,345   81,776,521   - 81,776,521   Real Estate   67,295,389   - 67,295,389   64,834,896   - 64,834,896   Sub-Total Investments   1,585,828,198   - 15,585,828,198   1,426,251,526   - 1,426,251,526   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   LIABILITIES   Accounts Payable   380,522   - 380,522   291,300   626,299   917,599   Benefits Payable   6,907,423   - 6,907,423   7,061,794   - 7,061,794   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   Collateral Held for      | Short Term Investments         | 51,142,189          | -            | 51,142,189           | 43,494,167                 | -            | 43,494,167           |
| Domestic Equity   585,091,702   - 585,091,702   542,060,779   - 542,060,779   Domestic Bonds   415,198,303   - 415,198,303   375,970,642   - 375,970,642   International Equity   305,747,082   - 305,747,082   281,406,268   - 281,406,268   International Bonds   106,185,345   - 106,185,345   81,776,521   - 81,776,521   Real Estate   67,295,389   - 67,295,389   64,834,896   - 64,834,896   Sub-Total Investments   1,585,828,198   - 1,585,828,198   1,426,251,526   - 1,426,251,526   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   LIABILITIES   Accounts Payable   380,522   - 380,522   291,300   626,299   917,599   Benefits Payable   6,907,423   - 6,907,423   7,061,794   - 7,061,794   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   - 71,502,381   Collateral Held for   Securities Lent    | Private Equity                 | 55,168,188          | -            | 55,168,188           | 36,708,253                 | -            | 36,708,253           |
| Domestic Bonds   |                                | 585,091,702         | -            | 585,091,702          | 542,060,779                | -            | 542,060,779          |
| International Equity   305,747,082   - 305,747,082   281,406,268   - 281,406,268   International Bonds   106,185,345   - 106,185,345   81,776,521   - 81,776,521   Real Estate   67,295,389   - 67,295,389   64,834,896   - 64,834,896   Sub-Total Investments   1,585,828,198   - 1,585,828,198   1,426,251,526   - 1,426,251,526   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Total Investments & Securities Lent   1,657,330,579   - 1,657,330,579   1,531,604,928   - 1,531,604,928   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   Collateral Held for   Securities Lent   6,907,423   - 6,907,423   7,061,794   - 7,061,794   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Security Purchases   46,411,500   - 46,411,500   121,475,768   - 121,475,768   TOTAL LIABILITIES   125,201,826   - 125,201,826   234,182,264   626,299   234,808,563   NET ASSETS HELD IN TRUST FOR PENSION &  |                                | 415,198,303         | _            | 415,198,303          | 375,970,642                | -            | 375,970,642          |
| International Bonds   106,185,345   - 106,185,345   81,776,521   - 81,776,521   Real Estate   67,295,389   - 67,295,389   64,834,896   - 64,834,896   Sub-Total Investments   1,585,828,198   - 1,585,828,198   1,426,251,526   - 1,426,251,526   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Total Investments & Securities Lent   1,657,330,579   - 1,657,330,579   1,531,604,928   - 1,531,604,928   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   LIABILITIES   Accounts Payable   380,522   - 380,522   291,300   626,299   917,599   Benefits Payable   6,907,423   - 6,907,423   7,061,794   - 7,061,794   Collateral Held for   Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Security Purchases   46,411,500   - 46,411,500   121,475,768   - 121,475,768   TOTAL LIABILITIES   125,201,826   - 125,201,826   234,182,264   626,299   234,808,563   NET ASSETS HELD IN TRUST FOR PENSION &   | International Equity           |                     | _            |                      | 281,406,268                | -            | 281,406,268          |
| Real Estate         67,295,389         -         67,295,389         64,834,896         -         64,834,896           Sub-Total Investments         1,585,828,198         -         1,585,828,198         1,426,251,526         -         1,426,251,526           Collateral Held for         71,502,381         -         71,502,381         105,353,402         -         105,353,402           Total Investments & Securities Lent         1,657,330,579         -         1,657,330,579         1,531,604,928         -         1,531,604,928           TOTAL ASSETS         1,734,650,524         2,152,735         1,736,803,259         1,655,701,446         1,794,861         1,657,496,307           LIABILITIES         Accounts Payable         380,522         -         380,522         291,300         626,299         917,599           Benefits Payable         6,907,423         -         6,907,423         7,061,794         -         7,061,794           Collateral Held for         Securities Lent         71,502,381         -         71,502,381         105,353,402         -         105,353,402           Securities Lent         71,502,381         -         71,502,381         105,353,402         -         105,353,402           TOTAL LIABILITIES         125,201,826         -<  | 1 ,                            |                     | -            |                      |                            | -            |                      |
| Sub-Total Investments  | Real Estate                    |                     | _            | 67,295,389           |                            | -            |                      |
| Securities Lent   71,502,381   - 71,502,381   105,353,402   - 105,353,402   Total Investments & Securities Lent   1,657,330,579   - 1,657,330,579   1,531,604,928   - 1,531,604,928   TOTAL ASSETS   1,734,650,524   2,152,735   1,736,803,259   1,655,701,446   1,794,861   1,657,496,307   | Sub-Total Investments          |                     | -            |                      |                            | -            |                      |
| Total Investments & Securities Lent 1,657,330,579 - 1,657,330,579 1,531,604,928 - 1,531,604,928  TOTAL ASSETS 1,734,650,524 2,152,735 1,736,803,259 1,655,701,446 1,794,861 1,657,496,307  LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599  Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794  Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &   | Collateral Held for            |                     |              |                      |                            |              |                      |
| Total Investments & Securities Lent 1,657,330,579 - 1,657,330,579 1,531,604,928 - 1,531,604,928  TOTAL ASSETS 1,734,650,524 2,152,735 1,736,803,259 1,655,701,446 1,794,861 1,657,496,307  LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599  Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794  Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &   | Securities Lent                | 71,502,381          | -            | 71,502,381           | 105,353,402                | -            | 105,353,402          |
| TOTAL ASSETS 1,734,650,524 2,152,735 1,736,803,259 1,655,701,446 1,794,861 1,657,496,307  LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599  Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794  Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402  Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &  | <b>Total Investments &amp;</b> |                     |              |                      |                            |              |                      |
| LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599 Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402 Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &   | <b>Securities Lent</b>         | 1,657,330,579       | -            | 1,657,330,579        | 1,531,604,928              | -            | 1,531,604,928        |
| LIABILITIES  Accounts Payable 380,522 - 380,522 291,300 626,299 917,599 Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402 Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &   | TOTAL ASSETS                   | 1,734,650,524       | 2,152,735    | 1,736,803,259        | 1,655,701,446              | 1,794,861    | 1,657,496,307        |
| Accounts Payable 380,522 - 380,522 291,300 626,299 917,599 Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402 Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &  |                                |                     | . ,          |                      |                            | •            |                      |
| Benefits Payable 6,907,423 - 6,907,423 7,061,794 - 7,061,794 Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402 Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &   |                                |                     |              |                      |                            |              |                      |
| Collateral Held for Securities Lent 71,502,381 - 71,502,381 105,353,402 - 105,353,402 Security Purchases 46,411,500 - 46,411,500 121,475,768 - 121,475,768  TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &  |                                |                     | -            |                      |                            | 626,299      |                      |
| Securities Lent       71,502,381       -       71,502,381       105,353,402       -       105,353,402       -       105,353,402       -       105,353,402       -       105,353,402       -       105,353,402       -       121,475,768       -       121,475,768       -       121,475,768       -       121,475,768       -       121,475,768       -       121,475,768       -       121,475,768       -       125,201,826       234,182,264       626,299       234,808,563         NET ASSETS HELD IN TRUST FOR PENSION &   |                                | 6,907,423           | -            | 6,907,423            | 7,061,794                  | -            | 7,061,794            |
| Security Purchases         46,411,500         -         46,411,500         121,475,768         -         121,475,768           TOTAL LIABILITIES         125,201,826         -         125,201,826         234,182,264         626,299         234,808,563           NET ASSETS HELD IN TRUST FOR PENSION &         -         125,201,826         234,182,264         626,299         234,808,563  |                                |                     |              |                      |                            |              |                      |
| TOTAL LIABILITIES 125,201,826 - 125,201,826 234,182,264 626,299 234,808,563  NET ASSETS HELD IN TRUST FOR PENSION &  |                                |                     | -            |                      |                            | -            |                      |
| NET ASSETS HELD IN<br>TRUST FOR PENSION &  | Security Purchases             | 46,411,500          | -            | 46,411,500           | 121,475,768                | -            | 121,475,768          |
| TRUST FOR PENSION &  | TOTAL LIABILITIES              | 125,201,826         | -            | 125,201,826          | 234,182,264                | 626,299      | 234,808,563          |
|  |                                |                     |              |                      |                            |              |                      |
|  |                                | \$ 1,609,448,698 \$ | 2,152,735 \$ | 1,611,601,433        | \$_1,421,519,182 <b>\$</b> | 1,168,562 \$ | 1,422,687,744        |

#### STATEMENT OF CHANGES IN PLAN NET ASSETS

For the Fiscal Years Ended June 30, 2010 and 2009

| For the Fiscal Years Ended June 30,   | 2010 and 2009             |   |                          | ı   |                             |   |                             |
|---------------------------------------|---------------------------|---|--------------------------|-----|-----------------------------|---|-----------------------------|
|                                       | Pension<br>Benefits       | 401(h)<br>Retiree<br>Health<br>Benefits | JUNE 30, 2010            | _   | Pension<br>Benefits         | 401(h)<br>Retiree<br>Health<br>Benefits | JUNE 30, 2009               |
| ADDITIONS                             |                           |   |                          |     |                             |   |                             |
| Contributions                         |                           |   |                          |     |                             |   |                             |
| Employers                             | \$ 84,647,133 \$          | 8,782,199 \$                            | 93,429,332               | \$  | 75,902,140 \$               | 7,216,419 \$                            | 83,118,559                  |
| Plan Members                          | 11,648,995                | -                                       | 11,648,995               |     | 11,083,461                  | -                                       | 11,083,461                  |
| <b>Total Contributions</b>            | 96,296,128                | 8,782,199                               | 105,078,327              | _   | 86,985,601                  | 7,216,419                               | 94,202,020                  |
| Investment Income                     |                           |   |                          |     |                             |   |                             |
| Net Increase/(Decrease) in            |                           |   |                          |     |                             |   |                             |
| Fair Value of Investments<br>Interest | 162,597,694<br>21,392,480 | 3,123<br>27,943                         | 162,600,817              |     | (371,374,336)<br>25,979,256 | 11,410<br>19,900                        | (371,362,926)<br>25,999,156 |
| Dividends                             | 14,501,082                | 27,943                                  | 21,420,423<br>14,501,082 |     | 15,979,425                  | 19,900                                  | 15,979,425                  |
| Total Investment Income               |                           | -                                       |                          | -   |                             |   |                             |
|                                       | 198,491,256               | 31,066                                  | 198,522,322              |     | (329,415,655)               | 31,310                                  | (329,384,345)               |
| Less Investment Expense               | (4,245,801)               |   | (4,245,801)              | _   | (4,754,340)                 |   | (4,754,340)                 |
| Net Investment Income                 | 194,245,455               | 31,066                                  | 194,276,521              |     | (334,169,995)               | 31,310                                  | (334,138,685)               |
| Securities Lent Income                | 398,599                   | -                                       | 398,599                  |     | 949,462                     | -                                       | 949,462                     |
| Securities Lent Expense               | (60,976)                  | -                                       | (60,976)                 | _   | (566,725)                   | -                                       | (566,725)                   |
| <b>Net Securities Income</b>          | 337,623                   | -                                       | 337,623                  |     | 382,737                     | -                                       | 382,737                     |
| Class Action Settlements              | 190,500                   | -                                       | 190,500                  |     | 19,754                      | -                                       | 19,754                      |
| Commission Recapture                  | 34,244                    | -                                       | 34,244                   |     | 39,838                      | -                                       | 39,838                      |
| Miscellaneous Income                  | 4,133                     | -                                       | 4,133                    |     | 4,144                       | -                                       | 4,144                       |
| Total Miscellaneous<br>Income         | 228,877                   | -                                       | 228,877                  |     | 63,736                      | -                                       | 63,736                      |
| TOTAL ADDITIONS                       | 291,108,083               | 8,813,265                               | 299,921,348              |     | (246,737,921)               | 7,247,729                               | (239,490,192)               |
| DEDUCTIONS                            |                           |   |                          |     |                             |   |                             |
| Benefits Paid                         | 97,813,216                | 7,829,092                               | 105,642,308              |     | 89,180,779                  | 6,079,167                               | 95,259,946                  |
| Member Withdrawals                    | 1,319,448                 | -                                       | 1,319,448                |     | 1,609,893                   | -                                       | 1,609,893                   |
| Actuarial Expense                     | 290,549                   | -                                       | 290,549                  |     | 222,891                     | -                                       | 222,891                     |
| Legal Expense                         | 664,800                   | -                                       | 664,800                  |     | 632,863                     | -                                       | 632,863                     |
| Administrative Expense                | 3,090,554                 | -                                       | 3,090,554                | _   | 3,045,028                   | -                                       | 3,045,028                   |
| TOTAL DEDUCTIONS                      | 103,178,567               | 7,829,092                               | 111,007,659              |     | 94,691,454                  | 6,079,167                               | 100,770,621                 |
| Net Increase/(Decrease)               | 187,929,516               | 984,173                                 | 188,913,689              |     | (341,429,375)               | 1,168,562                               | (340,260,813)               |
| NET ASSETS HELD IN TRUS               | ST FOR PENSION & O        | PEB BENEFITS                            |                          |     |                             |   |                             |
| Beginning of Year                     | 1,421,519,182             | 1,168,562                               | 1,422,687,744            |     | 1,762,948,557               | -                                       | 1,762,948,557               |
| Net Increase/(Decrease)               | 187,929,516               | 984,173                                 | 188,913,689              | _   | (341,429,375)               | 1,168,562                               | (340,260,813)               |
| END OF YEAR                           | \$_1,609,448,698 \$       | 2,152,735 \$                            | 1,611,601,433            | \$_ | 1,421,519,182 \$            | 1,168,562 \$                            | 1,422,687,744               |

# NOTES TO THE FINANCIAL STATEMENTS

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### **Reporting Entity**

SBCERS is an independent public employee retirement system with its own governing board, separate and distinct from the County of Santa Barbara. SBCERS' annual financial statements are referenced in the Notes to the Basic Financial Statements in the County of Santa Barbara's Comprehensive Annual Financial Report.

#### **Basis of Accounting**

SBCERS follows the accounting principles and reporting guidelines set forth by the Governmental Accounting Standards Board (GASB).

SBCERS' financial statements are prepared on the accrual basis of accounting. Member and Employer contributions are recognized as revenue in the period in which the contributions are due. Retirement benefits and member refunds are recognized as expense when due and payable in accordance with the terms of the plan. Other expenses are recognized when the corresponding liabilities are incurred.

#### **Cash and Short-Term Investments**

Cash and short-term investments consist of shortterm investments with fiscal agents as well as deposits held in a pooled account with the County of Santa Barbara. All participants in the pool share earnings and losses.

Short-term investments consist of cash held in money market accounts and securities readily convertible to cash. All cash, deposits and shortterm investments are carried at cost, which approximates fair value.

The Santa Barbara County Treasury Oversight Committee has regulatory oversight for all monies deposited into the Santa Barbara County investment pool. Such amounts are invested in accordance with investment policy guidelines in compliance with government code requirements and established by the County Treasurer and approved by the County Board of Supervisors. Interest earned on pooled investments is apportioned quarterly to participating funds based upon each fund's average daily deposit balance. The County has not provided nor obtained any legally binding guarantees during the fiscal year ended June 30, 2010, to support the value of shares in the pool.

#### **Investments**

Investments are reported at fair value. Investment income is recognized as revenue when earned. Net appreciation in fair value of investments held by the Retirement System is recorded as an increase to investment income based on valuation of investments at year-end. Realized gains and losses are recognized upon the maturity or disposition of the security.

#### **Valuation of Investments**

Debt and equity securities are reported at fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on national or international exchanges are valued at the last reported sales price at current exchange rates. Fair value of investments in commingled funds is based on the fund share price provided by the fund manager, which is based on net asset value.

#### **Estimates**

The preparation of financial statements in accordance with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect certain reports' amounts and disclosures. Accordingly, actual results may differ from those estimates.

#### Reclassification

Comparative data from the prior year have been presented in the selected sections and may have been reclassified. Such reclassifications had no effect on previously reported net plan assets.

#### 2. PLAN DESCRIPTION

#### **General Provisions**

The Santa Barbara County Employees' Retirement System (Retirement System) was established on January 1, 1944. It is governed by the California Constitution, the County Employees' Retirement Law of 1937 (CERL), and the bylaws, policies and procedures adopted by SBCERS' Board of Retirement. The Santa Barbara County Board of Supervisors may also adopt resolutions, as permitted by the CERL, which may affect the benefits of SBCERS members.

SBCERS operates as a cost-sharing multipleemployer defined benefit plan for Santa Barbara County, Santa Barbara County Courts and nine special districts:

- Carpinteria Cemetery District
- Carpinteria-Summerland Fire Protection District
- Goleta Cemetery District
- Mosquito & Vector Management District of Santa Barbara County
- Oak Hill Cemetery District
- Santa Barbara County Air Pollution Control District
- Santa Barbara County Association of Governments
- Santa Maria Cemetery District
- Summerland Sanitary District

#### Plan Membership

SBCERS provides retirement, disability, and death benefits to members and administers the plan sponsors' retiree health benefit program. See NOTE 7 — Other Post Employment Benefits.

The Retirement System has five retirement plans of which four plans are currently available to all new fulltime permanent employees and those part-time employees working at least half-time. Multiple contribution rates are applicable based upon negotiated bargaining unit Memoranda of Understanding (MOU's) and on date of entry into membership. The retirement benefits within the plan are based on age, years of service, final average salary and the benefit options selected.

#### **SBCERS' Retirement Plans**

As of June 30, 2010 and 2009

|         | Rate     | Plan       |               | New        |
|---------|----------|------------|---------------|------------|
| Plan    | Tier     | Formula    | Type          | Membership |
| General | Plan 5   | 2% @ 57    | Contributory  | Open       |
| Safety  | Plan 4   | 3% @ 55    | Contributory  | Open       |
| Safety  | Plan 6   | 3% @ 50    | Contributory  | Open       |
| APCD    | Plan 1&2 | 2% @ 55    | Contributory  | Open       |
| General | Plan 2   | 2% (SSA    | Non-          | Closed     |
|         |          | Integrated | )Contributory | 7          |

#### SBCERS' Membership

| As of June 30, 2010 and 2009   | 2010  | 2009  |  |  |  |  |  |
|--------------------------------|-------|-------|--|--|--|--|--|
| Members Now Receiving Benefits |       |       |  |  |  |  |  |
| Service Retirement             | 2,637 | 2,430 |  |  |  |  |  |
| Disability Retirement          | 249   | 250   |  |  |  |  |  |
| Beneficiaries and Survivors    | 432   | 437   |  |  |  |  |  |
| Subtotal                       | 3,318 | 3,117 |  |  |  |  |  |
| <b>Active Members</b>          |       |       |  |  |  |  |  |
| Active Vested Members          | 2,968 | 3,078 |  |  |  |  |  |
| Active Nonvested Members       | 1,260 | 1,389 |  |  |  |  |  |
| Subtotal                       | 4,228 | 4,467 |  |  |  |  |  |
| Deferred Members               | 1,181 | 1,154 |  |  |  |  |  |
| Total Membership               | 8,727 | 8,738 |  |  |  |  |  |

#### **Benefit Provisions**

#### GENERAL PLAN 5, SAFETY PLANS 4 & 6, APCD:

- Pension benefits are based upon a combination of plan, age, years of service, average monthly salary for the highest one or three consecutive years' covered compensation, and the benefit payment option selected by the member.
- Disability benefits are based upon whether the disability was service or non-service connected.
- Death benefits are based upon whether the death occurred before or after retirement and whether the death was service or non-service connected.

GENERAL PLAN 2: Pension benefits are based upon a combination of age, years of service, and highest average monthly salary during any three years of employment and are coordinated with social security benefits. A separate long-term disability program is available for members who become disabled, regardless of length of service, or whether the disability is job related. Death benefits are based upon whether the death occurred before or after retirement.

#### **Cost-of-Living Adjustment**

All plans, with the exception of General Plan 2, provide for retirement benefits subject to cost-of-living adjustments (COLA) for retired members. COLA's are granted to eligible retired members each April based upon the Bureau of Labor Statistics Average Consumer Price Index (CPI) for All Urban Consumers for the Los Angeles-Riverside-Orange County area as of the preceding January 1 and is subject to a 3% maximum limitation. The portion of a CPI increase that exceeds 3% is accumulated for credit in future years.

### **Supplemental Cost-of-Living Adjustment**

In accordance with the CERL, the Board may grant supplemental cost-of-living adjustments (Supplemental COLA). The Supplemental COLA is structured to restore purchasing power up to 80% of the original benefit. Supplemental COLA's may be granted to members who have an accumulated loss of purchasing power of more than 20% due to inflation.

#### Vesting

#### GENERAL PLAN 5, SAFETY PLANS 4 & 6, APCD:

Upon completing five years of creditable service, employees have irrevocable rights to receive benefits attributable to an employer's contributions, provided their contributions have not been withdrawn. Members are eligible to retire at age 50 with five years of creditable service and ten years of elapsed time since hire, or thirty years of creditable service (safety members twenty years) regardless of age, or upon attaining age 70 for General Members and age 60 for Safety Members.

If an employee terminates before rendering five years of service, the employee is entitled to withdraw the employee contributions made, together with accumulated interest, unless the member enters a reciprocal retirement system within six months and/or elects to leave their accumulated contributions on deposit with the Retirement System. A member who continues membership under this provision is granted a deferred non-vested status and has no rights to future benefits except a refund of their account balance as of the date of termination.

If an employee terminates after five years of service, the employee may elect to leave the accumulated contributions in the retirement fund and receive a deferred retirement allowance at the time the member would have been entitled to the allowance if service had continued.

GENERAL PLAN 2: Upon completing ten years of creditable service, Plan 2 members have irrevocable rights to receive benefits. Plan 2 members are eligible to retire at age fifty-five with retirement credit of ten or more years of service. Once vested, Plan 2 members have a one-time election to defer accrued Plan 2 benefits and enter the contributory retirement plan in effect at that time. Contributions are based upon age at the time of transfer.

#### 3. CONTRIBUTIONS

#### **FUNDING OBJECTIVE**

The funding for retirement benefits comes from member contributions, employer contributions, and the earnings on investments held by the plan.

Participating members are required by statutes §31621.2, 31621.4, 31621.5, 31621.6 and 31639.25 of the CERL to contribute a percentage of covered compensation based on certain actuarial assumptions and their age at entry into the plan. The funding objective of SBCERS is to establish member and participating employer contribution rates that will remain level over time as a percentage of payroll, unless plan benefit provisions

or actuarial assumptions are changed. Actuarial funding is based on the Entry Age Normal Cost Method. Under this method, the employer contribution rate provides for current cost (normal cost) plus a level percentage of payroll to amortize the unfunded actuarial accrued liability (UAAL). For actuarial valuation purposes, Plan assets are valued at market value of assets less unrecognized gains and losses from each of the last five years. Under this method, the assets used to determine employer contribution rates take into account market value by recognizing the differences between the actual market return and the expected market return over a 5-year period. To prevent the smoothed value of assets from deviating too much from the market value of assets, an asset corridor limit is applied such that the smoothed value of assets stays within 20% of the market value of assets.

#### GENERAL PLAN 5, SAFETY PLANS 4 & 6, APCD:

Contributions are made by members and employers at rates recommended by an independent actuary, approved by the Board of Retirement, and adopted by the Board of Supervisors. For certain bargaining units, a portion of the member contribution is paid by the employer. Member contributions are based upon each individual member's age of entry into SBCERS. Member contributions cannot be withdrawn until separation from employment.

**GENERAL PLAN 2**: Employer contribution rates are recommended by the actuary, approved by the Board of Retirement, and adopted by the Board of Supervisors. There are no member contributions.

The following schedule summarizes the contribution rates in effect for the fiscal year ending June 30, 2010 based on the June 30, 2008 Actuarial Valuation. Contribution rates are expressed as a percentage of covered payroll. The member contribution rates depicted below vary according to age at entry and benefit plan and tier level.

#### Member

| Classification  | <b>Member Rates</b> | <b>Employer Rates</b> |
|-----------------|---------------------|-----------------------|
| General Members | 2.29% - 10.19%      | 11.74% - 21.94%       |
| Safety Members  | 4.28% - 16.15%      | 20.39% - 31.44%       |
| APCD Members    | 2 84% - 10 81%      | 24 59% - 25 82%       |

Contributions made for the years ended June 30, 2010 and 2009 were in accordance with actuarially determined contributions for the year. For the years ended June 30, 2010 and 2009, covered payroll was \$306,963,000 and \$306,524,000 respectively,

an increase of 0.1%. Contributions from all employers represented 27.6% and 24.8% respectively of covered payroll while contributions from all members represented 3.8% and 3.6% respectively of covered payroll.

#### SBCERS' Pension Contributions Made By Plan

| As of June 30, 2010 an | d 2009                 | 20 | 2009       |                  |  |
|------------------------|------------------------|----|------------|------------------|--|
| General Plan 2         | Employer contributions | \$ | 108,711    | \$<br>124,491    |  |
| General Plan 5         | Employer contributions |    | 58,013,970 | 48,428,158       |  |
|                        | Member contributions   |    | 8,518,003  | 7,889,746        |  |
| Safety Plans 4&6       | Employer contributions |    | 25,542,041 | 26,351,083       |  |
|                        | Member contributions   |    | 2,930,100  | 2,991,773        |  |
| APCD                   | Employer contributions |    | 982,411    | 998,408          |  |
|                        | Member contributions   |    | 200,892    | 201,942          |  |
| Total                  |                        | \$ | 96,296,128 | \$<br>86,985,601 |  |

#### **SBCERS' Pension Contributor Comparison**

| As of June 30, 2010 and 2009 |                      |     |            | 2009    |     |            |         |
|------------------------------|----------------------|-----|------------|---------|-----|------------|---------|
| EMPLOYER                     | Santa Barbara County | \$  | 78,308,291 | 92.5 %  | \$  | 69,702,879 | 91.8 %  |
|                              | Santa Barbara Courts |     | 3,588,460  | 4.2 %   |     | 3,457,567  | 4.6 %   |
|                              | Special Districts    |     | 2,750,382  | 3.3 %   |     | 2,741,694  | 3.6 %   |
|                              |                      | \$  | 84,647,133 | 100.0 % | \$  | 75,902,140 | 100.0 % |
| MEMBER                       | Santa Barbara County | \$  | 10,485,052 | 90.0 %  | \$  | 9,710,368  | 87.6 %  |
|                              | Santa Barbara Courts |     | 781,302    | 6.7 %   |     | 877,017    | 7.9 %   |
|                              | Special Districts    |     | 382,641    | 3.3 %   |     | 496,076    | 4.5 %   |
|                              |                      | \$  | 11,648,995 | 100.0 % | \$  | 11,083,461 | 100.0 % |
| Total                        |                      | \$_ | 96,296,128 |         | \$_ | 86,985,601 |         |

#### 4. RESERVES

The reserves represent the components of SBCERS' net assets. Reserves are established from member and employer contributions and the accumulation of investment income after satisfying investment and administrative expenses.

#### Reserves and Designations

Following are brief explanations of the reserves and designations used by SBCERS:

Member Contribution Reserve represents the balance of member contributions. Additions include member contributions and interest earnings; deductions include refunds of member contributions and transfers to Retired Member Reserve when the member retires.

County and District Reserve represents the balance of employer contributions for future retirement payments to current active members. Additions include contributions from the employers and interest earnings; deductions include transfers to Retired Members Reserve when the member retires, lump sum death benefits, and supplemental disability allowance payments under §31725.5, §31725.6 and §31725.65 of the County Employees' Retirement Law of 1937. A refund of member contributions has no corresponding effect on the balance of the County and District Reserve because the employer contribution rates are based on an actuarial assumption that takes into account the expected rate of member terminations.

Retired Member Reserve represents funds accumulated to pay retirement benefits to retired members. This reserve includes the total accumulated transfers from the Member Reserve, the Employer Reserve and interest earnings, reduced by payments to retired members, beneficiaries, and survivors.

**Undesignated Earnings Reserve**, also known as the Transferred Funds Reserve, was established as a valuation reserve effective June 30, 2007. Funds transferred from the now defunct Health Coverage Reserve represent the balance of monies set aside for the funding of the 401(h) Retiree Health Medical Trust Fund. Additions represent interest.

Market Stabilization Reserve represents the balance of deferred earnings created by a five-year smoothing (adopted in 2003) of actual gains and losses compared to gains at the targeted return of 8.16%. Under GASB 25, investments are stated at fair value instead of at cost and include the recognition of unrealized gains and losses in the current period. Several factors contribute to the increase/decrease of the Market Stabilization Reserve: 1) increase/decrease in the fair value of investments, 2) interest crediting at the actuarial assumed interest rate, and 3) the five-year smoothing of investment gains and losses.

**Contingency Reserve** represents reserves accumulated for future earnings deficiencies. There are currently no assets in the Contingency Reserve.

#### **SBCERS' Reserves**

| At June 30, 2010                 | Tot | al Pension Benefits |
|----------------------------------|-----|---------------------|
| VALUATION RESERVES               |     |                     |
| Member Contribution Reserve      | \$  | 162,431,794         |
| County and District Reserve      |     | 542,735,967         |
| Retired Member Reserve           |     | 1,361,616,490       |
| Undesignated Earnings Reserve    |     | 106,451,816         |
| Market Stabilization Reserve     |     | (563,787,369)       |
| Contingency Reserve              |     | -                   |
| <b>Total Value of Net Assets</b> | \$  | 1,609,448,698       |

#### **SBCERS' Reserves**

| At June 30, 2009                             | <b>Total Pension Benefits</b> |               |
|--|-------------------------------|---------------|
| VALUATION RESERVES                           |                               |               |
| Member Contribution Reserve                  | \$                            | 174,951,218   |
| County and District Reserve                  |                               | 574,314,843   |
| Retired Member Reserve                       |                               | 1,164,480,350 |
| Undesignated Earnings Reserve <sup>(1)</sup> |                               | 98,420,688    |
| Market Stabilization Reserve                 |                               | (590,647,917) |
| Contingency Reserve                          |                               | -             |
| <b>Total Value of Net Assets</b>             | \$                            | 1,421,519,182 |

(1) Established as a valuation asset reserve effective June 30, 2007.

#### 5. DEPOSITS AND INVESTMENTS

SBCERS operates under the "Prudent Person Rule" which authorizes the Board of Retirement, at its discretion, to purchase, hold, or sell any form or type of investment, financial instrument, or enter into any financial transaction when prudent in the informed opinion of the Board.

#### **Deposits**

The cash balance represents operating cash held by the County Treasurer. The portion of SBCERS' cash held by the County Treasurer is a part of the Treasurer's investment pool. Accordingly, SBCERS' investments held in the name of the County are not specifically identifiable. At June 30, 2010, cost approximated fair value of the SBCERS' share of pooled cash and investments.

The market value of deposits approximated the bank balances at June 30, 2010 and 2009. The cash amounted to \$21,483,873 and \$11,632,923 as of June 30, 2010 and 2009, respectively. These deposits are both uninsured and uncollateralized.

#### **SBCERS' Summary of Investments**

| As of June 30, 2010 and 2009        |    | 2010          |      | 2009          |
|-------------------------------------|----|---------------|------|---------------|
| Short Term Investments              | \$ | 51,142,189    | \$   | 43,494,167    |
| Private Equity                      |    | 55,168,188    |      | 36,708,253    |
| Investments at Fair Value:          |    |               |      |               |
| Domestic Equity                     |    | 585,091,702   |      | 542,060,779   |
| Domestic Bonds                      |    | 415,198,303   |      | 375,970,642   |
| International Equity                |    | 305,747,082   |      | 281,406,268   |
| International Bonds                 |    | 106,185,345   |      | 81,776,521    |
| Real Estate / Real Return           |    | 67,295,389    |      | 64,834,896    |
| Collateral Held for Securities Lent | _  | 71,502,381    | _    | 105,353,402   |
| Total Non-Cash Investments          | \$ | 1,657,330,579 | \$ _ | 1,531,604,928 |

#### **Investment Risk**

The Board of Retirement's investment policies and guidelines allocate the asset classes of the portfolio investments within ranges. The portfolio is maintained within the ranges and reported each month. The Board annually reviews the allocation model and the risk structure of the total portfolio. The investment policy does not address Credit risk, Concentration of Credit Risk, Interest Rate Risk, or Foreign Currency Risk, as investment managers within their specific mandates are given risk parameters that would result in limiting these types of risk on a total portfolio level.

GASB Statement No. 40 requires that investments be evaluated to give an indication of the level of risk assumed at year-end, as follows:

- Credit Risk
- Custodial Credit Risk
- Concentrations of Credit Risk
- Interest Rate Risk
- Foreign Currency Risk

#### **Credit Risk**

Credit Risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. SBCERS seeks to maintain a diversified portfolio of fixed income instruments in order to obtain the highest total return for the fund at an acceptable level of risk within this asset class. To control Credit Risk, credit quality guidelines have been established. The credit quality ratings of investments in fixed income securities by a nationally recognized statistical rating organization are shown in the *Credit Risk by Quality* table found under NOTE 5 — Deposits & Investments beginning on page 28.

#### **Custodial Credit Risk**

Custodial Credit Risk for deposits is the risk that, in the event of a financial institution's failure, SBCERS would not be able to recover its deposits. Deposits are exposed to custodial credit risk if they are not insured or not collateralized. Cash deposits are held by the County Treasurer within the Treasurers' investment pool and as cash reserves in the master custodian short-term investment funds. The risks of the pool are addressed in the County CAFR. Additional insurance against loss and theft is provided through a Financial Institution Bond. Custodial Credit Risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, SBCERS would not be able to recover the value of the investment or collateral

securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if they uninsured, are not registered in SBCERS' name, and held by a counter party. SBCERS' securities are not exposed to custodial risk as they are held by our custodial bank in our nominee name.

#### **Credit Risk Concentration**

As of June 30, 2010, SBCERS' investment portfolio contained no concentration of investments in any one entity (other than investments guaranteed by the U.S. Government, investments in mutual funds, and external investment pools) that represented 5 percent or more of the total investment portfolio.

Credit Risk By Quality As of June 30, 2010

| (Dollars in Thousands)                         | Moody's/S&P/Fitch Investment Grade |         |    |            |     |                       |            |                     |      |          |     |            |     |                |             |              |    |                          |    |        |
|--|------------------------------------|---------|----|------------|-----|-----------------------|------------|---------------------|------|----------|-----|------------|-----|----------------|-------------|--------------|----|--------------------------|----|--------|
|  |                                    |         |    | Aaa<br>AGY |     |                       |            |                     |      |          |     |            |     |                |             |              |    |                          |    |        |
| Fixed Income By Type                           |                                    | Total   |    | UST        |     | Aa1                   |            | Aa2                 |      | Aa3      |     | <b>A</b> 1 |     | <b>A2</b>      | A3          | Baa1         |    | Baa2                     |    | Baa3   |
| Asset Backed Securities                        | \$                                 | 59,547  | \$ | 55,894     | \$  | -                     | \$         | _                   | \$   | 3,020    | \$  | 289        | \$  | -              | \$<br>-     | \$<br>-      | \$ | _                        | \$ | 344    |
| CMO Government Agencies<br>Domestic Corp Fixed |                                    | 40,790  |    | 40,790     |     | -                     |            | -                   |      | -        |     | -          |     | -              | -           | -            |    | -                        |    | -      |
| Income   |                                    | 134,918 |    | -          |     | 863                   |            | 5,658               |      | 1,508    |     | 12,832     |     | 21,070         | 36,667      | 36,613       | 1  | 0,162                    |    | 9,545  |
| Government                                     |                                    | 120,799 |    | 120,799    |     | -                     |            | -                   |      | -        |     | -          |     | -              | -           | -            |    | -                        |    | -      |
| International Fixed Income                     |                                    | 19,664  |    | 15,917     |     | -                     |            | -                   |      | -        |     | -          |     | -              | -           | -            |    | -                        |    | 3,747  |
| Municipal Bonds                                |                                    | 3,976   |    | -          |     | 882                   |            | 296                 |      | -        |     | -          |     | 128            | 2,670       | -            |    | -                        |    | -      |
| Mutual Funds                                   |                                    | 8,388   |    | -          |     | -                     |            | -                   |      | -        |     | -          |     | 166            | -           | -            |    | 597                      |    | 7,625  |
| Non-Govt Mortgage Backed                       |                                    | 24,324  |    | 12,082     |     | 289                   |            | 1,230               |      | 547      |     | 3,337      |     | 1,802          | 1,483       | -            |    | 760                      |    | 2,794  |
| Treasurer Investment Pool                      |                                    | 18,157  |    | 13,938     |     | 1,055                 |            | 3,164               |      | -        |     | -          |     | -              | -           | -            |    | -                        |    | -      |
| US Govt Mortgages                              |                                    | 1,156   |    | 1,156      |     | -                     |            | _                   |      | -        |     | -          |     | -              | -           | -            |    | _                        |    | -      |
| US Private Placements                          |                                    | 47,539  |    | 11,414     |     | 992                   |            | 4,848               |      | 5,255    |     | 6,957      |     | 2,079          | 8,733       | 3,346        |    | 3,098                    |    | 817    |
| Subtotal                                       | \$                                 | 479,258 |    | 271,990    |     | 4,081                 |            | 15,196              |      | 10,330   |     | 23,415     |     | 25,245         | 49,553      | 39,959       | 1  | 4,617                    |    | 24,872 |
| (Dollars in Thousands)                         |                                    |         |    |            |     | Мо                    | od         | y's/ <b>S&amp;P</b> | P/F  | itch Spe | cul | ative Gr   | rac | <del>l</del> e |             |              |    |                          |    |        |
|  |                                    |         |    | Ba1        |     | Ba2                   |            | Ba3                 |      | B1       |     | B2         |     | В3             | Below<br>B3 | Not<br>Rated |    | Rating<br>With-<br>Irawn |    |        |
| Asset Backed Securities                        | \$                                 | 1,980   | \$ | 299        | \$  | _                     | \$         | _                   | \$   | _        | \$  | _          | \$  | _              | \$<br>1,681 | \$<br>_      | \$ | _                        |    |        |
| CMO Government Agencies<br>Domestic Corp Fixed |                                    | 1,899   |    | -          |     | -                     |            | -                   |      | -        |     | -          |     | -              | -           | 1,899        |    | -                        |    |        |
| Income   |                                    | 10,036  |    | 2,143      |     | 946                   |            | 572                 |      | 558      |     | -          |     | 2,099          | -           | 3,718        |    | _                        |    |        |
| International Fixed Income                     |                                    | 1,242   |    | -          |     | -                     |            | _                   |      | -        |     | -          |     | -              | -           | 1,242        |    | -                        |    |        |
| Mutual Funds                                   |                                    | 32,395  |    | -          |     | 7,096                 |            | _                   |      | -        |     | 17,540     |     | -              | 7,759       | _            |    | _                        |    |        |
| Non-Govt Mortgage Backed                       |                                    | 9,875   |    | 544        |     | -                     |            | 1,605               |      | 2,017    |     | 1,796      |     | -              | 3,633       | 280          |    | _                        |    |        |
| US Private Placements                          |                                    | 2,597   |    | 237        |     | _                     |            | _                   |      | 533      |     | _          |     | 744            | _           | 1,083        |    | _                        |    |        |
| Subtotal                                       | \$                                 | 60,024  |    | 3,223      |     | 8,042                 |            | 2,177               |      | 3,108    |     | 19,336     |     | 2,843          | 13,073      | 8,222        |    | -                        |    |        |
| (Dollars in Thousands)                         |                                    |         |    | М          | 000 | ly's/ <b>S&amp;</b> 1 | <b>P</b> / | Fitch Sho           | ort- | -Term R  | ate | ed         | _   |                |             |              |    |                          |    |        |
|  |                                    |         |    |            |     |                       |            |                     |      |          |     | Not        |     |                |             |              |    |                          |    |        |
| Fixed Income By Type                           |                                    | Total   |    | P-1        |     | P-2                   |            | P-3                 |      | NP       |     | Rated      |     |                |             |              |    |                          |    |        |
| Treasurer Investment Pool                      | \$                                 | 4,768   | \$ | 688        | \$  | 4,080                 | \$         | -                   | \$   | _        | \$  | _          |     |                |             |              |    |                          |    |        |
| Subtotal                                       |                                    | 4,768   |    | 688        |     | 4,080                 |            | -                   |      | -        |     | -          |     |                |             |              |    |                          |    |        |
| Total  | \$                                 | 544,050 |    |            |     |                       |            |                     |      |          |     |            | _   |                |             |              |    |                          |    |        |

#### **Securities Lending**

SBCERS participates in securities lending transactions through its custodian BNY Mellon Global Securities Services (Mellon) to increase income. Securities are lent to brokers and dealers (borrower) and in turn, SBCERS receives collateral. Collateral can be in the form of cash (both United States and foreign currency), securities issued or guaranteed by the U.S. Government, sovereign debt of foreign countries, or irrevocable bank letters of credit or such other forms as may be agreed upon. SBCERS pays the borrower interest on the collateral received and invests the collateral with the goal of earning a higher yield than the interest rate paid to the borrower. Earnings generated above and beyond the interest paid to the borrower represent the net income to SBCERS from the transaction.

Transactions are collateralized at no less than 100% of the security's market value. Collateral is marked to market daily. The custodian invests the collateral received in short-term investment funds (maintained by the custodian), money market mutual funds, and other similar investments as the custodian may select.

The average term of all SBCERS' loans is overnight or "on demand." The custodian will ensure that, in any agreement with a borrower, it retains its absolute right to terminate the agreement without cause, upon short notice and without any penalty. SBCERS cannot pledge or sell collateral securities

received unless the borrower defaults. In the event of a borrower default, Mellon indemnifies SBCERS to the extent of replacing the securities loaned.

BNY Asset Servicing invested cash collateral received from a borrower in Sigma Finance Corp. On September 30, 2009, Sigma Finance Corp. became insolvent and was in receivership. SBCERS' proportional exposure to this investment was \$510,319. BNY Mellon transferred Sigma Finance Corp. securities into a "Liquidating Fund" until Sigma securities are liquidated or distributed. Collateral in the amount of \$510,319 will have to be delivered back to the original borrower when the SBCERS' assets are returned.

As of June 30, 2010, the market value of securities on loan was \$69.3 million and the value of collateral received for the securities on loan was \$71.5 million of which \$1.2 million was non-cash collateral. As of June 30, 2009, the market value of securities on loan was \$101.6 million and the value of collateral received for the securities on loan was \$105.4 million of which \$0.1 million was non-cash collateral. SBCERS' income net of expenses from securities lending was \$337,623 and \$382,737 for the years ended June 30, 2010 and June 30, 2009 respectively.

SBCERS' Securities Lending Program
As of June 30, 2010

| Securities on Loan              | arket Value of<br>urities on Loan | Collateral<br>Received |  |  |
|---------------------------------|-----------------------------------|------------------------|--|--|
| Domestic Equities               | \$<br>33,553,980                  | \$<br>34,677,772       |  |  |
| International Equities          | 8,705,361                         | 9,122,150              |  |  |
| Domestic Corporate Fixed Income | 25,877,519                        | 26,489,259             |  |  |
| Cash                            | <br>68,136,860                    | 70,289,181             |  |  |
| Non-Cash                        | <br>1,162,652                     | <br>1,213,200          |  |  |
| Total                           | 69,299,512                        | <br>71,502,381         |  |  |

#### **Interest Rate Risk**

Interest Rate Risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Duration is a measure of the price sensitivity of a fixed income portfolio to changes in interest rates. It is calculated as the weighted average of time to receive a bond's coupon and

principal payments. The longer the duration of a portfolio, the greater its price sensitivity to changes in interest rates.

**Interest Rate Risk** 

As of June 30, 2010

| Totals By Sector           |    | Base Market<br>Value | Option<br>Adjusted<br>Duration<br>(Years) | Weighted<br>Average<br>Maturity<br>(Years) | Securi | ket Value of<br>ities with no<br>on Available |
|----------------------------|----|----------------------|---|--|--------|---|
| Agency                     | \$ | 42,689,231           | 1.89                                      | 21.79                                      | \$     | -   |
| Asset Backed Securities    |    | 54,872,898           | 0.58                                      | 6.06                                       |        | 3,649,597                                     |
| CMBS                       |    | 15,667,362           | 4.37                                      | 31.56                                      |        | 279,997                                       |
| CMO Corporate              |    | 16,491,851           | 2.47                                      | 23.36                                      |        | 1,759,847                                     |
| Corporates & Other Credit  |    | 101,749,023          | 6.22                                      | 12.10                                      |        | -   |
| Government                 |    | 120,798,591          | 6.12                                      | 9.08                                       |        | -   |
| Mutual Funds               |    | 40,782,437           | 2.73                                      | 5.56                                       |        | -   |
| Other                      |    | 58,684,602           | 4.09                                      | 6.86                                       |        | 27,301,393                                    |
| US Govt Mortgages          |    | 1,155,605            | 1.34                                      | 27.29                                      |        | -   |
| US Private Placements      |    | 25,103,570           | 4.05                                      | 11.17                                      |        | 680,000                                       |
| Non-US                     |    | 85,297,316           | 5.65                                      | 8.68                                       |        | 404,752                                       |
| SubTotal                   |    | 563,292,486          |   |  | \$     | 34,075,586                                    |
| <b>Total Consolidation</b> | \$ | 597,368,072          |   |  |        |   |

#### Foreign Currency Risk

Foreign Currency Risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or deposit. SBCERS' international equity managers are permitted to

invest in authorized countries. Forward currency contract and currency futures (maturity ranging from at least 20 days and not to exceed one year for either instrument) are permitted for defensive currency hedging.

#### Foreign Currency Risk

As of June 30, 2010

| Currency                         | Cash              | Equity            |     | Fixed Income | Total             |
|----------------------------------|-------------------|-------------------|-----|--------------|-------------------|
| Australian Dollar                | \$<br>7,819,342   | \$<br>7,344,819   | \$  | 4,715,410    | \$<br>19,879,571  |
| Bermuda Dollar                   | -                 | -                 |     | 82,893       | 82,893            |
| Brazilian Real                   | (4,370,840)       | 793,206           |     | 4,783,882    | 1,206,248         |
| British Pound Sterling           | 20,101,458        | 27,379,584        |     | 1,203,612    | 48,684,654        |
| Canadian Dollar                  | 6,879,121         | 3,040,955         |     | 10,263,435   | 20,183,511        |
| Chilean Peso                     | 38,395            | -                 |     | -            | 38,395            |
| Czech Republic Koruna            | 174,201           | -                 |     | 513,939      | 688,140           |
| Danish Krone                     | 1,027,382         | 989,644           |     | -            | 2,017,026         |
| Egyptian Pound                   | 1,586             |                   |     |              | 1,586             |
| Euro Currency Unit               | 26,625,426        | 44,721,457        |     | -            | 71,346,883        |
| Ghana Cedi                       | -                 | -                 |     | 255,312      | 255,312           |
| Hong Kong Dollar                 | 7,191,074         | 4,929,327         |     | -            | 12,120,401        |
| Hungarian Forint                 | 229,917           | 183,843           |     | -            | 413,760           |
| Indian Rupee                     | 3,554,229         | -                 |     | -            | 3,554,229         |
| Indonesian Rupiah                | (666,501)         | 1,633,954         |     | 590,201      | 1,557,654         |
| Israeli Shekel                   | 1,017,483         | 327,430           |     | -            | 1,344,913         |
| Japanese Yen                     | 22,754,325        | 28,248,721        |     | -            | 51,003,046        |
| Malaysian Ringgit                | 2,500,183         | 204,264           |     | -            | 2,704,447         |
| Mexican Peso                     | 2,018,589         | -                 |     | -            | 2,018,589         |
| New Zealand Dollar               | 145,949           | 436,125           |     | -            | 582,074           |
| Norwegian Krone                  | 844,452           | 2,500,890         |     | 338,205      | 3,683,547         |
| Pakistani Rupee                  | 86                |                   |     |              | 86                |
| Philipine Peso                   | 3,337,272         |                   |     |              | 3,337,272         |
| Polish Zloty                     | (831,598)         | -                 |     | -            | (831,598)         |
| Russian Ruble                    | -                 | -                 |     | 351,468      | 351,468           |
| Singapore Dollar                 | 1,679,263         | 2,551,040         |     | -            | 4,230,303         |
| South African Rand               | (4,258,581)       | 346,032           |     | -            | (3,912,549)       |
| South Korean Won                 | 12,876,690        | 2,235,845         |     | -            | 15,112,535        |
| Swedish Krona                    | 4,129,860         | 2,271,968         |     | -            | 6,401,828         |
| Swiss Franc                      | 7,249,453         | 8,755,792         |     | -            | 16,005,245        |
| Taiwan Dollar                    | 13,991,481        | -                 |     | -            | 13,991,481        |
| Thai Baht                        | 12,253            | 1,246,798         |     | -            | 1,259,051         |
| Turkish Lira                     | (678,894)         | 1,221,608         |     | -            | 542,714           |
| Venezuelan Bolivar               | -                 | -                 |     | 155,840      | 155,840           |
| Total Securities Held in Foreign | <br>              | <br>              | _   |              | <br>              |
| Currency                         | \$<br>135,393,056 | \$<br>141,363,302 | \$_ | 23,254,197   | \$<br>300,010,555 |

#### **Derivatives**

Derivatives are investments that derive their value, usefulness, and marketability from an underlying instrument which represents direct ownership of an asset or obligation of an issuer who payments are based on or "derived" from the performance of some agreed upon benchmark. The notional amount is the nominal or face amount that is used to calculate payments made on that instrument. As of June 30, 2010, SBCERS' derivatives investments were in Swap Agreements, Futures Contracts, and Forward Contracts.

#### **Swap Agreements**

A swap is an agreement between two or more parties to exchange a sequence of cash flows over a period of time in the future. The swap agreement defines the dates when the cash flows are to be paid and the way they are calculated. The cash flows are calculated over a notional amount.

#### **Futures Contracts**

A futures contract represents an agreement to buy (long position) or sell (short position) an underlying asset at a specified future date for a specified price. Payment for the transaction is delayed until a future date. Futures contracts are standardized contracts traded on organized exchanges.

#### **Forward Contracts**

A forward contract represents an agreement to buy or sell an underlying asset at a specified date in the future at a specified price. Payment for the transaction is delayed until the settlement or expiration date. Currency forward contracts are used to control currency exposure and facilitate the settlement of international security purchase and sale transactions.

The Holdings of Derivative Securities schedule listed below reports the fair value balances, changes in fair value, and notional amounts of derivatives outstanding as of and for the years ended June 30, 2010 and 2009 classified by derivative type.

#### **Holdings of Derivative Securities**

As of June 30, 2010 and 2009 2010 2009\* (Decrease)

(Dollars in Thousands)

|                   | Notional     |               |            |    | Change in  |
|-------------------|--------------|---------------|------------|----|------------|
| Derivative Type   | Amount       | Fair Value    | Fair Value |    | Fair Value |
| Swap Agreements   | \$<br>9,300  | \$<br>80      | \$<br>172  | \$ | (92)       |
| Futures Contracts | 11,692       | 587           | 350        |    | 237        |
| Forward Contracts | 16,565       | (5,488)       | 451        | *  | (5,939)    |
| Totals            | \$<br>37,557 | \$<br>(4,821) | \$<br>973  | \$ | (5,794)    |

<sup>\* 2009</sup> total has been restated to include Forward Contracts.

#### **Derivative Credit Risk**

SBCERS is exposed to credit risk on investment derivatives that are traded over the counter and are reported in asset positions. Derivatives exposed to derivative credit risk include collateralized mortgage obligations, swap agreements, and futures contracts.

The following Derivative Credit Risk Analysis schedule discloses the counterparty ratings of SBCERS' investment derivatives in asset positions by type as of, June 30, 2010. These amounts represent the maximum loss that would be recognized if all counterparties fail to perform as contracted, without respect to any collateral or other security, or netting arrangement. The schedule displays the fair value of investments by credit rating. As of June 30, 2010, SBCERS' has a net exposure to credit risk of \$(4.8) million.

#### **Derivative Credit Risk Analysis**

As of June 30, 2010

| (Dollars in Thousands) | _                      | Moody's / S&P / Fitch Investment Grade |      |      |      |            |            |           |      |      |      |  |
|------------------------|------------------------|--|------|------|------|------------|------------|-----------|------|------|------|--|
| Derivative Type        | Total<br>Fair<br>Value | Aaa<br>AGY<br>UST                      | Aa1  | Aa2  | Aa3  | <b>A</b> 1 | <b>A</b> 2 | <b>A3</b> | Baa1 | Baa2 | Baa3 |  |
| Forward Contracts \$   | (5,488) \$             | (5,488) \$                             | - \$ | - \$ | - \$ | - \$       | - \$       | - \$      | - \$ | - \$ | -    |  |
| Futures Contracts      | 587                    | 587                                    | -    | -    | -    | -          | -          | -         | -    | -    | -    |  |
| Swap Agreements        | 56                     | -                                      | -    | 34   | -    | -          | -          | -         | -    | 22   | -    |  |
| Subtotal               | (4,845)                | (4,901)                                | _    | 34   | _    | _          | _          | _         | _    | 22   | _    |  |

|                 | _             |      | Mo   | ody's / S | 5&P / Sp | eculative | e Grade |                      |              |
|-----------------|---------------|------|------|-----------|----------|-----------|---------|----------------------|--------------|
| Derivative Type | Total         | Ba1  | Ba2  | Ba3       | B1       | B2        | В3      | Caa1<br>and<br>below | Not<br>Rated |
| Swap Agreements | \$<br>24 \$   | - \$ | - \$ | - \$      | - \$     | 24 \$     | - \$    | - \$                 | -            |
| Subtotal        | 24            | -    | -    | -         | -        | 24        | -       | -                    | -            |
| Total           | \$<br>(4,821) |      |      |           |          |           |         |                      |              |

#### **Derivative Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. As of June 30, 2010 SBCERS did not have any derivatives with exposure to interest rate risk.

#### **Derivative Foreign Currency Risk**

For those dollar-denominated securities issued by foreign countries, there is an exposure to a foreign currency risk. Currency forward contracts represent foreign exchange contracts that are used to control currency exposure and facilitate the settlement of international security purchase and sale transactions.

#### **Derivative Foreign Currency Risk Analysis**

As of June 30, 2010

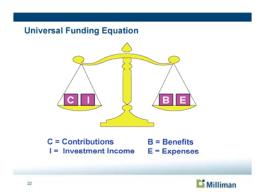
(Dollars in Thousands)

| Currency           | Forwa | ard Contracts |
|--------------------|-------|---------------|
| Brazilian Real     | \$    | (3,903)       |
| Canadian Dollar    |       | (3,902)       |
| Euro Currency Unit |       | (2,903)       |
| South Korean Won   |       | 1,276         |
| Mexican Peso       |       | 1,749         |
| Malaysian Ringgit  |       | 953           |
| Swedish Krona      |       | 1,242         |
| Total              | \$    | (5,488)       |

#### 6. ACTUARIAL VALUATION

SBCERS retains an independent actuarial firm to conduct an annual actuarial valuation to monitor SBCERS' funding status and funding integrity. The last valuation was performed as of June 30, 2010 and determined the funded status of the plan to be 73.7%.

The purpose of the valuation is to reassess the magnitude of SBCERS' benefit commitments in



comparison with the assets expected to be available to support those commitments so employer and member contribution rates can be adjusted accordingly. For the pension plan, the actuarial assumptions estimate as closely as possible what the actual cost of the plan will be in order to determine rates for setting aside

contributions today to provide benefits in the future.

Contribution requirements are determined under the entry age normal actuarial cost method. This method is designed to collect contributions as a level percentage of pay. Any gains or losses that occur under this method are amortized as a level percentage of pay. To minimize any investment gains or losses, the Board of Retirement has adopted a smoothing process that involves spreading the difference between actual and expected market return over five years to determine the actuarial value of assets. To prevent the smoothed value of assets from deviating too much from the market value of assets, an asset corridor limit is applied such that the smoothed value of assets stays within 20% of the market value of assets.

The required schedule of funding progress immediately following the notes to the financial statements presents additional, multi-year, trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits. The information for funded status of the pension plan is presented on the Funding Progress Pension Plan table.

#### SUMMARY ACTUARIAL INFORMATION

Valuation Date Actuarial Cost Method Amortization Method Amortization Period Asset Valuation Method Asset Corridor Limit Applied June 30, 2010 Individual entry-age normal cost method Level percent of pay Seventeen years "open/rolling" Five-year smoothed market Yes

#### **ACTUARIAL ASSUMPTIONS**

Investment Rate of Return 7.75% (3.25% for CPI and 4.5% for real increases above inflation) Projected Salary Increase Variable percentage based on service Wage Inflation 3.75% Cost-of-Living Adjustments for Retirees 3.00%

#### **Funding Progress – Pension Plan**

Dollars in Thousands

|                                | (a)                                  | (b)                                  | (c)                              | (d)   | (e)  | <b>(f)</b> | (g)                |   |
|--------------------------------|--------------------------------------|--------------------------------------|----------------------------------|---|--|------------|--------------------|---|
| Actuarial<br>Valuation<br>Date | Actuarial<br>Value of<br>Plan Assets | Non-<br>Valuation<br>Assets<br>(NVA) | Valuation<br>Assets<br>(a) - (b) | Valuation<br>Actuarial<br>Accrued<br>Liabilities<br>(AAL) | Unfunded<br>Actuarial<br>Accrued<br>Liabilities<br>(UAAL)<br>(d)-(c) | Ratio      | Covered<br>Payroll | UAAL as a<br>Percentage<br>of Covered<br>Payroll<br>(e) ÷ (g) |

6/30/2010 \$1,927,229 \$ - \$1,927,229 \$2,616,147 \$ 688,918 73.7% \$ 306,963 224.4%

#### **Employer Contributions – Pension Plan**

| Year Ended | A  | Annual Require<br>Contributions<br>(ARC) |   | Contributions<br>Made | % of Required<br>Contributions<br>Made |
|------------|----|--|---|-----------------------|--|
| 6/30/2010  | \$ | 84.647.000                               | s | 84.647.000            | 100 %                                  |

## 7. OTHER POST EMPLOYMENT BENEFITS (OPEB)

#### **Plan Description**

SBCERS administers an agent multiple employer OPEB plan that provides health care benefits for retired members and their eligible dependents. The County negotiates the health care insurance contracts with the carriers covering both active and retired members. Retirees are offered the same health plans as active employees as well as plans for retirees on Medicare. Retiree premiums are rated separately from active employees. Approximately 57% of eligible SBCERS' retirees participated in this program during 2009-2010.

#### **Benefit Provisions**

SBCERS retirees are eligible to receive an explicit subsidy for medical premiums funded by the County of Santa Barbara and other plan sponsors. This subsidy takes the form of a monthly allowance based on \$15 per year of service to help pay health premiums. If the monthly premium for the health plan selected is less than \$15 times the member's years of service, the subsidy is limited to the entire

premium. The health plans include coverage for eligible spouses and dependents.

After the member's death, a surviving spouse is eligible to continue health plan coverage. The subsidy benefit will be equal to \$15 per year of service times the survivor continuation percentage applicable for pension benefits.

If a member is eligible for a disability retirement benefit, the member can receive a monthly health plan subsidy of \$187 or \$15 per year of service, whichever is greater.

Retirees who choose not to participate in a County sponsored health plan receive a benefit of \$4.00 per month per year of service. This benefit, known as a Healthcare Reimbursement Arrangement, reimburses qualified health care expenses.

#### **Funding Policy**

On September 16, 2008, the Board of Supervisors passed a resolution adopting regulations and an administrative agreement to establish a 401(h) Medical Trust Plan to provide for retiree medical benefits. The 401(h) Medical Trust Plan is to be funded by the County and other Plan Sponsors and administered by SBCERS, in accordance with §401(h) of the Internal Revenue Code.

On September 19, 2008, SBCERS' Board of Retirement likewise approved the 401(h) regulations, administrative agreement and status quo agreement described above.

#### Voluntary Compliance Plan Statement

On July 2, 2008, as part of filing an application for determination and a voluntary compliance plan, the County Board of Supervisors submitted to the Internal Revenue Service (IRS) a proposed resolution adopting the provisions of CERL §31694 and a proposed resolution providing for the contribution of funds by the County and various districts into a Post-Employment Benefits Trust Account (401(h) account).

Also submitted were proposed regulations to establish the respective roles and responsibilities of SBCERS and the County with respect to the funding, distribution, expenditure, actuarial, accounting and reporting considerations, and applicable investment provisions. Under the proposed regulations submitted to the IRS, the County would be the settlor for the 401(h) account and would provide for the funding of the account. SBCERS would be the fiduciary of the account, and the County would reserve the right to modify or terminate the plan.

As of June 30, 2010 SBCERS and its plan sponsors operate under the proposed Voluntary Compliance Plan Statement and the proposed regulations although the plan has yet to be approved by the Internal Revenue Service.

#### **OPEB Actuarial Valuation**

SBCERS' Other Post Employment Benefits Program's actuarial valuation was conducted by Milliman, Inc. as of June 30, 2010. The valuation was performed in accordance with GASB Statements No. 43 and 45 requirements to satisfy financial statement reporting guidelines that apply to organizations that administer the benefits program. The valuation must be conducted at least every two years. The next OPEB Actuarial Valuation is scheduled for June 30, 2012.

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|----|---|---|---|----|
|    |   |   |   |    |
|    |   |   |   |    |

| <b>Health Care Benefits</b>                | 2010            | 2010      | 2009            | 2009      |
|--|-----------------|-----------|-----------------|-----------|
| As of June 30, 2010 and 2009               | Benefit         | Enrollees | Benefit         | Enrollees |
| Subsidy of \$15<br>per year of service     | \$<br>7,129,161 | 1,823     | \$<br>5,722,959 | 1,822     |
| Health Reimb of \$4<br>per year of service | 699,931         | 1,391     | 356,208         | 1,197     |
| Total Health Care Benefits                 | \$<br>7,829,092 | 3,214     | \$<br>6,079,167 | 3,019     |

#### 8. LEASE COMMITMENTS

SBCERS leases property under lease agreements that expire in 2011 and 2012. The Santa Maria office entered a five-year lease effective May 15, 2006. The Santa Barbara office lease began October 1, 2003 and was renewed in 2007 extending to June 30, 2012. The Santa Barbara office lease requires that SBCERS pay a portion of the building's operating expenses based on square footage occupied.

Lease expense, exclusive of common area maintenance fees, in 2010 and 2009 was \$123,509 and \$119,823, respectively. Minimum non-cancelable lease commitments net of sublease income as of June 30, 2010 are shown in the table below.

| Minimum Lease    | Comn | nitments |
|------------------|------|----------|
| At June 30, 2010 |      |          |
| Lease Payments   |      |          |
| 2010 - 2011      | \$   | 121,852  |
| 2011 - 2012      |      | 68,288   |

#### 9. CONTINGENCIES

**Total** 

In the normal course of business, denials of applications for benefits are appealed to the Superior Court. The outcome of these decisions will have no material impact on the financial status of the System.

190,140

#### 10. PLAN TERMINATION

There are no plan termination provisions under the County Employees' Retirement Law of 1937, which governs the operation of the Retirement System.

#### 11. RELATED PARTY TRANSACTIONS

By necessity, SBCERS is involved in various business transactions with the County of Santa Barbara, the primary plan sponsor. SBCERS funds the County for the cost of services provided by the following agencies: County Counsel, Auditor-Controller, Purchasing, Human Resources and Treasurer. In addition, SBCERS reimburses the County for cost of services in the areas of information technology, reprographics, telecommunications, motor pool services, and Board of Retirement elections.

#### 12. ADMINISTRATIVE EXPENSE

Effective July 1, 2000, the Board of Retirement adopted Government Codes §31522.1 and §31580.2 which limits administrative expense to eighteen-hundredths of 1 percent (18 basis points) of total net assets. Due to the severe economic downturn beginning in 2007, California State Assembly Bill 1124 was enacted into law and subsequently amended to the CERL effective January 1, 2007 to include §31580.3 which allows systems to conditionally raise the limit to twenty-three hundredths of 1 percent (23 basis points) or add \$1 million dollars to the 18 basis points.

As a result, the Board adopted an annual budget for the year ended June 30, 2010 that covers the expense of administration of the retirement system with the earnings of the retirement fund. The new limits are applicable for five years and will be statutorily repealed January 1, 2013.

Total administrative expense for the years ended June 30, 2010 and 2009 were \$4,045,903 and \$3,900,782 of which \$3,090,554 and \$3,045,028 were subject to §31580.2, or 19.18 and 21.40 basis points respectively.

#### **SBCERS' Administrative Expense**

| As of June 30, 2010 and 2009                       | 2010            | 2009            |
|--|-----------------|-----------------|
| <b>Expense Subject to Statutory Limitation</b>     |                 |                 |
| Employee Salaries and Benefits                     | \$<br>2,058,020 | \$<br>1,930,903 |
| Operating Expenses                                 | 550,095         | 591,118         |
| Professional Services                              | <br>482,439     | <br>523,007     |
| Total Expense Subject to Statutory Limitation      | 3,090,554       | 3,045,028       |
| <b>Expense Not Subject to Statutory Limitation</b> |                 |                 |
| Actuarial Costs                                    | 290,549         | 222,891         |
| Legal Costs  | <br>664,800     | <br>632,863     |
| Total Expense Not Subject to Statutory Limitation  | 955,349         | 855,754         |
| Total Administrative Expense                       | \$<br>4,045,903 | \$<br>3,900,782 |

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# 41 Supplemental Schedules

#### REQUIRED SUPPLEMENTAL INFORMATION - Pension Plan

#### Schedule I - Funding Progress - Pension Plan

Dollars in Thousands

|    | Actuarial<br>Valuation<br>Date* | ,  | (a)<br>Actuarial<br>Value of Plan<br>Assets | (b)<br>Non-<br>Valuation<br>Assets<br>(NVA) | (c)<br>Valuation<br>Assets<br>(a)-(b) | (d) Valuation Actuarial Accrued Liabilities (AAL) | (e) AAL with NVA (b)+(d) | (f) Unfunded Actuarial Accrued Liabilities (UAAL) (d)-(c) = (e)-(a) | (g)<br>Prior<br>Method<br>Funded<br>Ratio<br>(a) ÷ (e) | (h)<br>Current<br>Method<br>Funded<br>Ratio<br>(c) ÷ (d) | (i)<br>Covered<br>Payroll |           |
|----|---------------------------------|----|---|---|---------------------------------------|---|--------------------------|---|--|--|---------------------------|-----------|
|    | 06/30/05                        | \$ | 1,443,824                                   | \$<br>137,829                               | \$<br>1,305,995                       | \$<br>1,549,803                                   | \$<br>1,687,632          | \$<br>243,808   | 85.6 %   | 84.3 %   | \$ 267,785                | 91.0 %    |
|    | 06/30/06                        |    | 1,552,776                                   | 137,825                                     | 1,414,951                             | 1,671,831   | 1,809,656                | 256,880   | 85.8 %   | 84.6 %   | 287,382                   | 89.4 %    |
| ** | 06/30/07                        |    | 1,735,489                                   | 31,020                                      | 1,704,469                             | 1,956,834   | 1,987,854                | 252,365   | 87.3 %   | 87.1 %   | 294,163                   | 85.8 %    |
|    | 06/30/08                        |    | 1,893,984                                   | 2,528                                       | 1,891,456                             | 2,135,955   | 2,138,483                | 244,499   | 88.6 %   | 88.6 %   | 307,264                   | 79.6 %    |
|    | 06/30/09                        |    | 1,705,733                                   | -   | 1,705,733                             | 2,263,862   | 2,263,862                | 558,129   | 75.3 %   | 75.3 %   | 306,524                   | 182.1 %   |
|    | 06/30/10                        |    | 1,927,229                                   | -   | 1,927,229                             | 2,616,147   | 2,616,147                | 688,918   | 73.7 %   | 73.7 %   | 306,963                   | 3 224.4 % |

Information for years prior to 2007 was provided by prior actuaries. Prior to 2007, non-valuation asset reserves were included with the Actuarial Value of Assets (AVA). Non-valuation asset reserves were also added to the AAL prior to 2007. Beginning in 2007, non-valuation assets are not included in the AVA and are no longer added to the AAL.

\*\* Results as of June 30, 2007 do not match those previously reported in the 2007 Comprehensive Annual Financial Report (CAFR). This information reflects the Board's actions on September 19, 2008 regarding asset reserve classifications.

#### Schedule II - Employer Contributions - Pension Plan

Dollars in Thousands

| Fiscal Year Ended* | Annual Required<br>Contributions (ARC | Actual Employer Contributions | % of ARC<br>Contributed |
|--------------------|---------------------------------------|-------------------------------|-------------------------|
| 6/30/2005          | \$ 46,72                              | 1 \$ 46,721                   | 100 %                   |
| 6/30/2006          | 53,97                                 | 7 53,977                      | 100 %                   |
| 6/30/2007          | 63,39                                 | 63,395                        | 100 %                   |
| 6/30/2008          | 69,46                                 | 1 69,461                      | 100 %                   |
| 6/30/2009          | 75,90                                 | 2 75,902                      | 100 %                   |
| 6/30/2010          | 84,64                                 | 7 84,647                      | 100 %                   |

#### REQUIRED SUPPLEMENTARY INFORMATION - Other Post Employment Benefits

#### Schedule III - Funding Progress - Other Post Employment Benefits

Dollars in Thousands

| Actuarial<br>Valuation<br>Date | V  | (a)<br>Actuarial<br>Value of Plan<br>Assets | (b) Entry Age Actuarial Accrued Liability (AAL) | Unfunded<br>Actuarial<br>Accrued<br>Liability<br>(UAAL)<br>(b)-(a) | ided Rati | o    | (c)<br>Annual<br>Covered<br>Payroll | UAAL as a<br>Percentage of<br>Covered Payroll<br>(b-a) ÷ (c) |   |
|--------------------------------|----|---|---|--|-----------|------|-------------------------------------|--|---|
| 06/30/09                       | \$ | 1,169                                       | \$<br>174,532                                   | \$<br>173,363  | 0.7       | % \$ | 306,524                             | 56.6 %   |   |
| 06/30/10                       | \$ | 2,153                                       | \$<br>187,220                                   | \$<br>185,067  | 1.1       | % \$ | 306,357                             | 60.4 %   | ) |

#### Schedule IV - Employer Contributions - Other Post Employment Benefits

Dollars in Thousands

| Fiscal Year<br>Ended | Annual<br>Required<br>Contributions<br>(ARC) | Required Contributions Actual |       | % of ARC<br>Contributed |   |
|----------------------|--|-------------------------------|-------|-------------------------|---|
| 06/30/09             | \$<br>13,353                                 | \$                            | 7,251 | 54.3                    | % |
| 06/30/10             | \$<br>19,791                                 | \$                            | 8,782 | 44.4                    | % |

The OPEB Actuarial Valuation must be performed every two years.

#### NOTES TO REQUIRED SUPPLEMENTARY SCHEDULES - Pension Plan

For Fiscal Year Ended June 30, 2010

#### **Actuarial Methods and Assumptions-Pension Plan**

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the dates indicated. Additional information of the latest Pension actuarial valuation dated June 30, 2010 is as follows:

**Valuation Date** June 30, 2010

**Actuarial Cost Method** Entry age normal

**Amortization of Actuarial** 

**Gains & Losses** 

17-year "open/rolling" amortization using a level percentage of projected payrolls (entire UAAL is amortized over a constant

period)

**Asset Valuation Method** Actuarial market value method with a smoothed fair value over

a five-year period (adopted 04/09/2003)

**Asset Corridor Limit Applied** Yes

**Actuarial Assumptions:** 

7.75% APY (adopted 10/27/2010) Investment rate of return

(3.25% for CPI and 4.50% for real increases above inflation)

• Variable percentage based on service (duration) for Merit and Projected salary increases

Longevity and

• 3.75% Inflation - comprised of 3.25% for consumer price

inflation and 0.5% for real wage inflation

3% for General Plan 5, Safety Plans 4 and 6 and APCD Plan Cost-of-living adjustments

(adopted 02/21/2001)

General Plan 2 is not eligible to receive these adjustments

#### REQUIRED SUPPLEMENTARY SCHEDULES - Other Post Employment Benefits For Fiscal Year Ended June 30, 2010

#### **Actuarial Methods and Assumptions- Other Post Employment Benefits**

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the dates indicated. Additional information of the Other Post Employment Benefits actuarial valuation dated June 30, 2010 is as follows:

**OPEB Valuation Date** June 30, 2010

**Actuarial Cost Method** Entry age normal

**Amortization Method** For Santa Barbara County this period is 11.5 years. For other employers

this period is 30 years "open/rolling"

**Actuarial Assumptions:** 

4.00% Investment rate of return

Projected salary increases Future salary increases do not have an impact on OPEB benefit levels, but

do have an impact on the annual required OPEB contribution (ARC), i.e.

funding of the benefit

Valuation of Subsidy The monthly Health Insurance Subsidy will be equal to the maximum

subsidy of \$15 per year of service

The 401(h) account will be used to pay for the retiree health benefits. Valuation of Assets

Post-Retirement Benefit Increases

Assumptions of no future increases granted in any of the following:

- Monthly Health Insurance Subsidy of \$15 per year of service
- Monthly Health Reimbursement of \$4 per year of service for those electing to forego the health subsidy
- Monthly Subsidy of \$187 for members receiving disability retirement benefits

Health Plan Description Future Retirees are assumed to receive the following:

- 65% will receive the monthly health subsidy of \$15 per year of service
- 35% will receive the monthly cash benefit of \$4 per year of service

*Healthcare Cost Trend Rate* The Healthcare Cost Trend Rate is not applicable because the total cost

of health benefits is not valued. Only the monthly health insurance subsidy of \$15 per year of service is valued using the assumption that no

future increase will be granted to the amount.

#### **Schedule Of Administrative Expense**

For the Years Ended June 30, 2010 and 2009

|  |    | 2010         | 2009      |
|--|----|--------------|-----------|
| Personnel Services                     |    |              |           |
| Salaries and Employee Benefits         | \$ | 2,058,020 \$ | 1,930,903 |
| <b>Total Personnel Services</b>        | _  | 2,058,020    | 1,930,903 |
| Professional Services                  |    |              |           |
| Computer Software Services and Support |    | 150,699      | 173,555   |
| County Cost Allocation                 |    | 72,963       | 58,619    |
| External Audit Fees                    |    | 38,290       | 64,723    |
| Disability Medical Fees                |    | 115,614      | 99,040    |
| Disability Transcription Fees          |    | 16,771       | 29,751    |
| Disability Hearing Officer Fees        |    | 50,138       | 26,109    |
| Other Professional Services            |    | 37,964       | 71,210    |
| <b>Total Professional Services</b>     |    | 482,439      | 523,007   |
| Communication                          |    |              |           |
| Postage                                |    | 46,326       | 62,861    |
| Telecommunication                      |    | 32,909       | 27,569    |
| Training                               |    | 96,109       | 112,117   |
| Transportation and Travel              |    | 42,977       | 41,811    |
| Total Communication                    | _  | 218,321      | 244,358   |
| Rents / Leases / Structures            |    |              |           |
| Rents/Leases – Structure               |    | 188,667      | 162,936   |
| Furniture & Fixtures                   |    | 5,220        | 3,809     |
| Building Maintenance                   |    | 2329         | 913       |
| Equipment                              |    | -            | 9,673     |
| Total Rents / Leases / Structures      |    | 196,216      | 177,331   |
| Miscellaneous                          |    |              |           |
| Computer Equipment and Supplies        |    | 45,993       | 53,583    |
| Other Office Expenses                  |    | 58,975       | 82,546    |
| Insurance                              |    | 30,590       | 33,300    |
| <b>Total Miscellaneous</b>             |    | 135,558      | 169,429   |
| Total Administrative Expense           | \$ | 3,090,554    | 3,045,028 |

#### **Schedule Of Investment Expense**

For the Years Ended June 30, 2010 and 2009

| Tot the reals Ended June 50, 2010 and 2005 | <br>2010        |     | 2009      |
|--|-----------------|-----|-----------|
| Investment Activity                        |                 |     |           |
| Investment Management Fees                 |                 |     |           |
| Stock Managers                             |                 |     |           |
| Domestic                                   | \$<br>950,283   | \$  | 1,718,720 |
| International                              | 951,721         |     | 608,548   |
| Bond Managers                              |                 |     |           |
| Domestic                                   | 1,253,362       |     | 1,203,869 |
| Real Estate/Real Return                    | 7,958           |     | (34,920)  |
| Private Equity                             | <br>-           |     | 132,151   |
| <b>Total From Investment Activity</b>      | 3,163,324       |     | 3,628,368 |
| Other Investment Expense                   |                 |     |           |
| Consultant                                 | 877,636         |     | 976,433   |
| Custodian                                  | <br>204,841     |     | 149,539   |
| <b>Total Other Investment Expense</b>      | 1,082,477       |     | 1,125,972 |
| Total Fees and Other Investment Expense    | \$<br>4,245,801 | \$  | 4,754,340 |
| Schedule of Payments to Consultants        |                 |     |           |
| For the Years Ended June 30, 2010 and 2009 |                 |     |           |
|  | <br>2010        |     | 2009      |
| Actuarial Services                         | \$<br>290,549   | \$  | 222,891   |
| Audit Services                             | 38,290          |     | 64,723    |
| Legal Services                             | <br>664,800     |     | 632,863   |
| <b>Total Payments to Consultants</b>       | \$<br>993,639   | _\$ | 920,477   |

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# 49 Investment





Los Angeles • Portland • New York

March 17, 2011

Retirement Board Santa Barbara County Employees' Retirement System (SBCERS) 3916 State Street, Suite 210 Santa Barbara, CA 93105

#### Dear Board Members:

This letter reviews the investment performance of the Santa Barbara County Employees' Retirement System ("System") for the fiscal year ended June 30, 2010. During this time period, the SBCERS total investment portfolio increased by \$187.9 million to a value of \$1.6 billion. The improvement in asset value reflects the impact of recovery from the recent 2008-2009 market crisis. The portfolio is broadly diversified, holding investments ranging from domestic equities to private real estate. Despite the challenging investment environment of the last twelve months, the System has been effective in using its resources in a cost-effective manner to ensure that benefits continue to flow to plan participants.

The System's custodian, BNY Mellon, independently prepared the underlying performance data. The performance calculations were made in compliance with GIPS Performance Presentation Standards. PCA serves as SBCERS' independent investment consultant and evaluated the System's performance in relation to market benchmarks, appropriate manager peer groups, and other public pension funds.

The most critical factor influencing overall investment performance is the allocation of the SBCERS portfolio across major asset classes. In February 2009, the Board adopted a new evolving investment policy schedule designed to take into consideration practicalities of the current market. During the fiscal year ending June 30, 2010, SBCERS made a number of structural changes, adding covered calls to the domestic equity portfolio, adding TIPS to the real return portfolio, and retaining ORG as its new fully discretionary Real Estate Manager. The evolving allocation was put on hold to reconsider after more stability returned to the markets. At fiscal year end June 30, 2010, the SBCERS portfolio was overweight international equities and fixed income, while underweight alternatives (real return, real estate, and private equity) and cash versus the evolving investment policy target. These shifts have reflected relative movements in global investment market values, and intentional management of allocation versus SBCERS evolving asset allocation targets.

For the trailing periods ending June 30, 2010, the SBCERS Total Portfolio outperformed its policy benchmark over all time periods under observation of one year or more, net of fees. Over the most recent quarter end, the SBCERS investment portfolio produced an overall return of minus (5.7%), net of fees, which underperformed its policy benchmark by (0.4%) and ranked slightly under median within the BNY Mellon Public Funds Universe. Domestic equity outperformed its respective benchmark for the quarter, and International Equity and Fixed Income underperformed their respective benchmarks during the quarter.

Over the last year, the SBCERS investment portfolio outperformed its policy benchmark by approximately +1.9% (net of fees), returning +14.4%. During the trailing 12-month period, security selection had the largest positive impact of +1.8% on the Total Portfolio's relative outperformance. The Fixed Income portfolio contributed the most, +1.8%, to overall portfolio performance, while the International and Private Equity portfolios detracted the most from relative performance. The portfolio produced above median performance results versus its peers, placing in the 28th percentile. The primary difference between SBCERS and its peers' portfolios is the peers' higher than average allocation to alternative investments (real return, private equity and private real estate).

During the last three- and five-year periods, the SBCERS' portfolio has outperformed its policy benchmark generating average annual returns, net of fees, of minus (4.9%) and +2.1%, respectively. However, the SBCERS' portfolio has produced below median results versus its peer. SBCERS's underperformance versus its peers is largely due to the same primary cause as the most recent twelve-month period: a lower allocation to alternatives versus peer funds.

Sincerely,

Sarah Bernstein, PhD

**Principal** 

#### **INVESTMENT POLICIES**

External investment management firms manage the System's investment assets. Professional investment consultants, along with staff, closely monitor the activity of these managers and assist the Board with the implementation of investment policies and long-term investment strategies.

The Retirement Board (the Board), having sole and exclusive authority and fiduciary responsibility for the investment and administration of the system, has adopted an Investment Objectives and Policy Statement, which reflect the Board's policies for management of the System's investments.

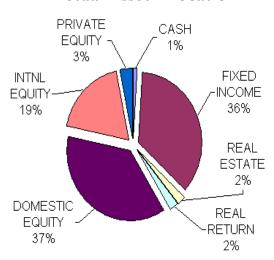
- 1. The investment of the assets of the Retirement System shall be based on a financial plan that will consider:
  - the financial condition of the Retirement System
  - the expected long-term capital market outlook
  - the Board's risk tolerance
  - future growth of active and retired participants
  - inflation and the rate of salary increase
  - cash flow

The financial plan measures the potential impact on pension cost of alternative investment policies in terms of risk and return based on various levels of asset diversification and the current and projected liability structure of the retirement plan.

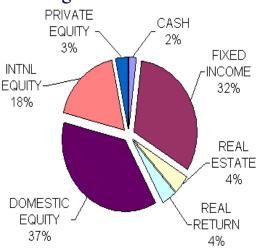
- 2. Based on the financial plan, it will be the responsibility of the Board to determine the specific allocation of the investments among the various asset classes considered prudent given the retirement plan's liability structure. The asset allocation, which is the Retirement System's investment structure, shall be sufficiently diversified to maintain risk at a reasonable level, determined by the Board without imprudently sacrificing return. The Board shall determine performance benchmarks against which the asset allocation plan shall be reviewed to ensure that the asset mix remains appropriate to meet long-term goals of the investment program.
- 3. In accordance with the asset allocation guidelines, the Board will select external investment managers with demonstrated experience and expertise whose investment styles collectively will implement the planned asset allocation.
- 4. It is the responsibility of the Board to administer the investments of the Retirement System at the lowest possible cost, being careful to avoid sacrificing quality.

| INVESTMENT SUMMARY                          |                     | Percent of<br>Total Market |
|---|---------------------|----------------------------|
| As of June 30, 2010                         | Market Value        | Value                      |
| Cash  | \$<br>21,483,873    | 1.34%                      |
| Short Term Investments                      | 51,142,189          | 3.18%                      |
| U.S. Government Bonds                       | 121,954,197         | 7.59%                      |
| Domestic Corporate Bonds                    | 293,244,106         | 18.24%                     |
| International Bonds                         | 106,185,345         | 6.61%                      |
| Total Bonds                                 | 521,383,648         | 32.44%                     |
| Private Equities                            | 55,168,188          | 3.44%                      |
| Domestic Equities                           | 585,091,702         | 36.40%                     |
| International Equities                      | 305,747,082         | 19.02%                     |
| Total Equities                              | 946,006,972         | 58.86%                     |
| Real Estate                                 | 37,006,153          | 2.30%                      |
| Real Return                                 | 30,289,236          | 1.88%                      |
| Total Real Estate                           | 67,295,389          | 4.18%                      |
| Total Fixed Income, Equities, & Real Estate | 1,607,312,071       | 100.00%                    |
| Collateral Held for Securities Lent         | 71,502,381          |                            |
| Grand Total                                 | \$<br>1,678,814,452 | 100.00%                    |

#### **Actual Asset Allocation**



### **Target Asset Allocation**



#### INVESTMENT RESULTS BASED ON FAIR MARKET VALUE

| As of June 30, 2010     |              | Annualized |          |  |  |  |  |  |  |
|-------------------------|--------------|------------|----------|--|--|--|--|--|--|
| Investments             | Current Year | 3 - year   | 5 - year |  |  |  |  |  |  |
| Domestic Equity         | 16.0 %       | -10.2 %    | -1.0 %   |  |  |  |  |  |  |
| Russell 3000 Benchmark  | 15.7 %       | -9.5 %     | -0.5 %   |  |  |  |  |  |  |
| International Equity    | 9.1 %        | -11.4 %    | 2.3 %    |  |  |  |  |  |  |
| MSCI ACWI ex US Index   | 10.9 %       | -10.3 %    | 3.8 %    |  |  |  |  |  |  |
| Fixed Income            | 16.5 %       | 8.8 %      | 6.4 %    |  |  |  |  |  |  |
| BC Universal            | 10.6 %       | 7.2 %      | 5.6 %    |  |  |  |  |  |  |
| Real Return             | 10.4 %       | -0.6 %     | -        |  |  |  |  |  |  |
| T-Bills                 | 0.1 %        | 1.8 %      | -        |  |  |  |  |  |  |
| Real Estate             | -11.8 %      | -12.1 %    | -        |  |  |  |  |  |  |
| NCREIF Index*           | -9.6 %       | -4.3 %     | -        |  |  |  |  |  |  |
| Private Equity          | 27.6 %       | -0.8 %     | -        |  |  |  |  |  |  |
| Russell 3000 plus 3%    | 52.4 %       | -4.0 %     | -        |  |  |  |  |  |  |
| Cash                    | 0.8 %        | 0.5 %      | -        |  |  |  |  |  |  |
| Citigroup T-bills       | 0.1 %        | 1.4 %      | -        |  |  |  |  |  |  |
| Total Fund              | 14.4 %       | -4.9 %     | 2.1 %    |  |  |  |  |  |  |
| SBCERS Policy Benchmark | 12.5 %       | -5.8 %     | 1.8 %    |  |  |  |  |  |  |

Calculations were prepared using a time-weighted rate of return based on the market rate of return in accordance with Global Investment Performance Standards (GIPs). Returns shown here for SBCERS are net of fees.

#### SCHEDULE OF TOP TEN EQUITY SECURITIES AND TOP TEN BOND HOLDINGS

As of June 30, 2010

#### TOP TEN EQUITY SECURITIES by Market Value

| Shares/Par   | Security Name   | Market Value  |
|--|---|---|
| 196,119  | Exxon Mobil Corp  | \$<br>\$ 11,192,538   |
| 519,340  | General Electric Co   | 7,488,883   |
| 202,399  | JP Morgan Chase & Co  | 7,409,827   |
| 486,389  | Bank of America Corp  | 6,989,410   |
| 117,817  | Johnson & Johnson   | 6,958,272   |
| 228,229  | Wells Fargo & Co  | 5,842,662   |
| 21,800   | Apple Inc   | 5,483,354   |
| 67,873   | Berkshire Hathaway Inc  | 5,408,799   |
| 140,977  | Merck & Co Inc  | 4,929,966   |
| 80,378   | Pepsico Inc/Nc  | 4,899,039   |
| TOP TEN BOND H   | IOLDINGS by Market Value  |   |
|  |   |   |
| Shares/Par   | Security Name   | Market Value  |
| Shares/Par<br>18,165,000   | Security Name US Treasury Note 0.875%   | <b>Market Value</b><br>\$ 18,262,183  |
|  | ,   |   |
| 18,165,000   | US Treasury Note 0.875%   | \$ 18,262,183   |
| 18,165,000<br>17,130,000   | US Treasury Note 0.875%<br>US Treasury Note 1.000%  | \$ 18,262,183<br>17,247,854   |
| 18,165,000<br>17,130,000<br>8,920,000  | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375%  | \$ 18,262,183<br>17,247,854<br>9,647,515  |
| 18,165,000<br>17,130,000<br>8,920,000<br>8,300,000   | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375% US Treasury Note 2.500%  | \$ 18,262,183<br>17,247,854<br>9,647,515<br>8,595,065   |
| 18,165,000<br>17,130,000<br>8,920,000<br>8,300,000<br>6,865,300  | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375% US Treasury Note 2.500% FNMA Pool #0MA0298 4.000%  | \$ 18,262,183<br>17,247,854<br>9,647,515<br>8,595,065<br>7,259,917  |
| 18,165,000<br>17,130,000<br>8,920,000<br>8,300,000<br>6,865,300<br>6,160,000                           | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375% US Treasury Note 2.500% FNMA Pool #0MA0298 4.000% Bank of America Corp 7.625%  | \$ 18,262,183<br>17,247,854<br>9,647,515<br>8,595,065<br>7,259,917<br>7,065,342                           |
| 18,165,000<br>17,130,000<br>8,920,000<br>8,300,000<br>6,865,300<br>6,160,000<br>5,500,000              | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375% US Treasury Note 2.500% FNMA Pool #0MA0298 4.000% Bank of America Corp 7.625% Discover Card CL A 2007-1 5.650%                         | \$ 18,262,183<br>17,247,854<br>9,647,515<br>8,595,065<br>7,259,917<br>7,065,342<br>6,326,595              |
| 18,165,000<br>17,130,000<br>8,920,000<br>8,300,000<br>6,865,300<br>6,160,000<br>5,500,000<br>5,875,000 | US Treasury Note 0.875% US Treasury Note 1.000% US Treasury Bonds 4.375% US Treasury Note 2.500% FNMA Pool #0MA0298 4.000% Bank of America Corp 7.625% Discover Card CL A 2007-1 5.650% US Treasury Note 3.125% | \$ 18,262,183<br>17,247,854<br>9,647,515<br>8,595,065<br>7,259,917<br>7,065,342<br>6,326,595<br>6,141,196 |

#### **INVESTMENT HOLDINGS** As of June 30, 2010

| TYPE OF INVESTMENT                   |             | MARKET VALUE  | % of PORTFOLIO |
|--------------------------------------|-------------|---------------|----------------|
| PRIVATE EQUITY                       |             |               |                |
| Hamilton Lane                        | \$          | 55,168,188    | 3.43           |
| Private Equity Total                 | _           | 55,168,188    | 3.43           |
| EQUITY                               |             |               |                |
| Aerospace & Defense                  | \$          | 8,007,036     | 0.50           |
| Basic Industries                     | ·           | 27,700,028    | 1.72           |
| Business Services                    |             | 23,662,231    | 1.47           |
| Capital Goods                        |             | 34,957,230    | 2.17           |
| Chemicals                            |             | 11,070,404    | 0.69           |
| Commercial Services                  |             | 3,387,505     | 0.21           |
| Commingled Funds US/Intl             |             | 283,266,255   | 17.62          |
| Consumer Durables                    |             | 17,091,835    | 1.06           |
| Consumer Non-Durables                |             | 17,036,672    | 1.06           |
| Consumer Services                    |             | 25,193,209    | 1.57           |
| Energy                               |             | 26,364,412    | 1.64           |
| Financial Services                   |             | 92,070,004    | 5.73           |
| Health Care                          |             | 32,393,939    | 2.02           |
| Industrial                           |             | 20,543,044    | 1.28           |
| Insurance                            |             | 10,798,327    | 0.67           |
| Media                                |             | 17,074,925    | 1.06           |
| Mutual Funds US/Intl                 |             | 34,047,891    | 2.12           |
| Other                                |             | 34,941,654    | 2.17           |
| Pharmaceuticals                      |             | 21,948,661    | 1.37           |
| Real Estate                          |             | 8,281,397     | 0.52           |
| Technology                           |             | 86,322,900    | 5.37           |
| Transportation                       |             | 44,864,223    | 2.79           |
| Utilities                            |             | 9,815,002     | 0.61           |
| <b>Equity Total</b>                  | <b>\$</b>   | 890,838,784   | 55.42          |
| BONDS                                | _           | -             |                |
| Asset Backed Securities              | \$          | 61,639,224    | 3.83           |
| Banking & Finance                    | т           | 66,682,654    | 4.15           |
| Collateralized Mortgage Oblig        |             | 37,953,562    | 2.36           |
| Government Bonds - US                |             | 132,138,754   | 8.22           |
| Government Bonds - Intl              |             | 50,397,519    | 3.14           |
| Health Care                          |             | 7,173,394     | 0.45           |
| Housing                              |             | 38,490,507    | 2.39           |
| Industrial                           |             | 34,483,851    | 2.15           |
| Insurance                            |             | 15,243,321    | 0.95           |
| International Corporate Bonds        |             | 9,592,696     | 0.60           |
| Private Placements                   |             | 43,799,772    | 2.73           |
| Other Corporate Bonds                |             | 1,414,751     | 0.09           |
| Utilities                            |             | 22,373,643    | 1.39           |
| Bonds Total                          | <b>\$</b> — | 521,383,648   | 32.45          |
| REAL ESTATE                          | · –         |               |                |
| REIT                                 | \$          | 31,217,696    | 1.94           |
| Private Real Estate                  | Ψ           | 5,788,457     | 0.36           |
| Real Return                          |             | 30,289,236    | 1.88           |
| Real Estate Total                    | <b>\$</b>   | 67,295,389    | 4.18           |
|                                      |             |               |                |
| CASH & CASH EQUIVALENTS  Crond Total | <b>\$</b> _ | 72,626,062    | 4.52           |
| Grand Total                          | \$ _        | 1,607,312,071 | 100.00         |

#### LIST OF INVESTMENT MANAGERS

#### **Domestic Equity**

- Alliance Bernstein
- Alliance Capital Management LP
- Blackrock
- Dimensional Fund Advisors
- Eagle Asset Management
- First Republic Investment Management
- Invesco
- iShares Russell 2000 Growth
- Loomis Sayles
- OFI Institutional Asset Management

#### **Fixed Income**

- Artio Global
- BNY Cash Investment Strategies
- Reams Asset Management
- STW Fixed Income Management

#### **International Equity**

- Batterymarch
- Lord Abbett
- Panagora
- State Street Global Advisors
- The Boston Company

#### **Private Equity**

• Hamilton Lane (Discretionary Consultant)

#### Real Estate

• The Townsend Group

#### Real Return

- Arden Asset Management
- Wellington Management

#### SCHEDULE OF PROFESSIONAL FEES AND SERVICE

|                            |    | <b>Assets Under</b> |    |           | Basis  |
|----------------------------|----|---------------------|----|-----------|--------|
| As of June 30, 2010        |    | Management          |    | Fees      | Points |
| Investment Managers:       |    |                     |    |           |        |
| Bond Managers              | \$ | 521,383,648         | \$ | 1,253,362 | 7.80   |
| Equity Managers            |    | 890,838,784         |    | 1,902,004 | 11.83  |
| Real Estate Manager        |    | 67,295,389          |    | 7,958     | 0.05   |
| Short Term Investments     |    | 51,142,189          |    | -         | -      |
| Alternative Equity         |    | 55,168,188          |    | -         | -      |
| Total Investment Managers  | _  | 1,585,828,198       | _  | 3,163,324 | 19.68  |
| Other:                     |    |                     |    |           |        |
| Cash                       |    | 21,483,873          |    | -         | -      |
| Custodian Fees             |    | -                   |    | 204,841   | 1.27   |
| Investment Consultant Fees |    | -                   |    | 877,636   | 5.46   |
|                            | _  | 21,483,873          | _  | 1,082,477 | 6.73   |
| Total                      | \$ | 1,607,312,071       | \$ | 4,245,801 | 26.41  |

# 57 Actuarial



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March 25, 2011 Mr. Vincent Brown Santa Barbara County Employees' Retirement System 3916 State Street, Suite 210 Santa Barbara, CA 93105

#### Members of the Board:

Milliman has performed the June 30, 2010 annual actuarial valuation for the Santa Barbara County Employees Retirement System (SBCERS). It is anticipated that future actuarial valuations will be performed every year with the next valuation to be as of June 30, 2011. Milliman was retained by SBCERS in March 2007. Prior valuations were performed by a different firm.

#### **Changes Since Prior Valuation**

Since the prior valuation, the assumptions used have been revised based upon the 2010 Investigation of Experience. The Board adopted the new assumptions at its October 27, 2010 meeting. The demographic assumptions for disability, termination, mortality, retirement, probability of marriage and sick leave load upon retirement were all updated to better reflect recent experience. In addition, the Board elected to decrease the economic assumptions for inflation, wage growth and investment return (discount rate) from 3.50%, 4.00% and 8.16%, respectively, to 3.25%, 3.75% and 7.75%. The Board plans to use these assumptions for the 2010 and 2011 valuations, but then use a 7.50% investment return assumption for the 2012 valuation. All of the assumptions will be reviewed prior to the 2013 valuation as a result of the triennial Investigation of Experience schedule for that time.

#### **Contribution Rates**

Contribution rates are based on the entry age cost method which will tend to produce rates that remain relatively level as a percentage of payroll. As of June 30, 2010, there is an Unfunded Actuarial Accrued Liability (UAAL) of \$688.9 million. The current financing objective of SBCERS is to amortize any UAAL as a percentage of projected salaries of present and future members of SBCERS. Each year the UAAL is measured and amortized over a 17-year period. Due primarily to the assumption changes, the total calculated contribution rate for all plans increased from 28.8% of pay, based on the June 30, 2009 valuation report to 34.48% of pay, based on the June 30, 2010 valuation.

#### **Funding Status**

As of June 30, 2010, the Funded Ratio, the Actuarial Value of Assets (AVA) divided by the Actuarial Accrued Liability (AAL), decreased during the past year from 75.3% to 73.7%. The funded ratio declined by approximately 5% due to the changes in assumptions. The funded ratio increased by approximately 3% due to the positive investment experience from July 1, 2009 to June 30, 2010. After applying the asset-smoothing method and applying the asset corridor to the June 30, 2009 results, the return on the AVA was 13.16% during the year, significantly higher than the assumed rate of 8.16%. Other changes, including the expected year-to-year change due to contributions and the demographic experience had a small impact on the Funded Ratio. Note that the AVA recognizes asset gains and losses over a five-year period and the June 30, 2010 AVA is \$317.8 million higher than the market value due to deferred asset losses. If the Funded Ratio were computed using the June 30, 2010 market value of assets instead of the AVA, the ratio would be 61.5%.

Board of Retirement March 25, 2011 Page 2

#### **Certification Statement**

In preparing our valuation report, we relied, without audit, on information (some oral and some in writing) supplied by SBCERS staff. This information includes, but is not limited to, statutory provisions, employee data, and financial information. We found this information to be reasonably consistent and comparable with information used for other purposes. The valuation results depend on the integrity of this information. If any of this information is inaccurate or incomplete our results may be different and our calculations may need to be revised.

The assumptions and methods used for funding purposes meet the parameters set for the disclosures presented in the financial section by Government Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans. Assumptions used in the actuarial valuation were reviewed as part of the Investigation of Experience and approved by the Board. The Retirement Board has the final decision regarding the appropriateness of the assumptions. They represent a reasonable estimate of future conditions affecting SBCERS, and we believe they are also reasonably related to the past experience of SBCERS. Nevertheless, the emerging costs of SBCERS will vary from those presented in our report to the extent that actual experience differs from that projected by the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in the report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decrease expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of future measurements.

Milliman's work products have been prepared exclusively for SBCERS for a specific and limited purpose. It is a complex, technical analysis that assumes a high level of knowledge concerning SBCERS operations, and uses SBCERS' data, which Milliman has not audited. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Any third party recipient of Milliman's work product who desires professional guidance should not rely upon Milliman's work product. but should engage qualified professionals for advice appropriate to its own specific needs.

We assisted in the preparation of several schedules included in the actuarial, statistical and financial sections of SBCERS' Comprehensive Annual Financial Report. Information for years prior to the 2007 valuation was prepared by the prior actuarial firms retained by SBCERS. The sections with which we were involved are listed below:

- 1. Schedule of Active Member Valuation Data
- 2. Schedule of Retired Members and Beneficiary Data
- 3. Solvency Test

- 4. Analysis of Financial Experience
- 5. Schedule of Average Benefit Payment Amounts
- 6. Schedule of Funding Progress

We certify that the June 30, 2010 valuation was performed in accordance with the Actuarial Standards Board (ASB) standards of practice and by qualified actuaries. We are members of the American Academy of Actuaries and have experience in performing valuations for public retirement systems.

Respectfully submitted,

Daniel R. Wade, FSA, EA, MAAA

**Consulting Actuary** 

DRW/nlo

Nick J. Collier, ASA, EA, MAAA

Consulting Actuary

#### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS

#### **ACTUARIAL ASSUMPTIONS AND METHODS**

Recommended by the Actuary and adopted by the Board of Retirement. The actuarial assumptions used to determine the liabilities are based on the results of the June 30, 2010 Experience Study. The Board of Retirement adopted the new assumptions on 10/27/2010.

#### **Actuarial Cost Method**

SBCERS uses the entry age normal actuarial cost method. The Unfunded Actuarial Accrued Liability (UAAL), if any, is amortized as a level of percentage of the projected salaries of present and future members of SBCERS over specified fixed periods of time. The UAAL is being funded over an "open/rolling" seventeen year period effective with the June 30, 2009 valuation. Under an open/rolling amortization method, the entire UAAL is amortized over a constant period, in this case, 17 years. The amortization factor does not change from year to year unless the discount rate or salary assumption is changed (adopted 09/23/2009). Because the discount rate (investment return) and salary scale did change from prior valuation due to the Investigation of Experience, the amortization factor has changed from the previous valuation.

#### **Actuarial Asset Valuation Method**

Five-year smoothed method based on the difference between expected and actual market value of assets as of the valuation date effective June 30, 2002 (adopted 04/09/2003).

#### **Asset Corridor Limit**

To prevent the smoothed value of assets from deviating too much from the market value of assets, an asset corridor limit is applied such that the smoothed market value of assets stays within 20% of the market value of assets.

#### **Amortization of Gains and Losses**

Actuarial gains and losses are reflected in the Unfunded Actuarial Accrued Liability and amortized over an "open/rolling" seventeen year period effective June 30, 2009 (adopted 09/23/2009).

#### **Investment Rate of Return**

Future investment earnings are assumed to accrue at an annual rate of 7.75%, compounded annually, exclusive of both investment and administrative expenses effective June 30, 2010 (adopted 10/27/2010). The investment rate of return of 7.75% is comprised of 3.25% for CPI and 4.50% for real increases above inflation.

#### **Projected Salary Increases**

Rates of annual salary increases (adopted 10/27/2010) assumed for the purpose of the valuation are:

- Variable percentage annually for merit and longevity based on service (duration) and
- 3.75% for inflation (cost-of-living adjustments comprised of 3.25% for consumer price inflation and 0.5% for real wage inflation)

#### Post-Retirement Benefit Increases

Cost-of-Living benefit increases of 3% per year are assumed for the valuation in accordance with the maximum benefits provided for General Plan 5, Safety Plan 4, Safety Plan 6, and APCD Plan. General Plan 2 is not eligible to receive these adjustments (adopted 02/21/2001).

#### **Expectation of Life after Retirement**

RP-2000 Combined Mortality Table Projected to 2010 Using Scale AA:

- For male members, set back 2 years
- For female members, set back 4 years

Note: No set back means that the table is used as published. When the table is set forward one year, the member's life expectancy is that of someone one year older. When the table is set back one year, the member's life expectancy is that of someone one year younger.

#### **Expectation of Life after Disability**

RP-2000 Combined Mortality Table Projected to 2010 Using Scale AA:

- For General members, no age adjustment
- For Safety members, no age adjustment

Note: No set back means that the table is used as published. When the table is set forward one year, the member's life expectancy is that of someone one year older. When the table is set back one year, the member's life expectancy is that of someone one year younger.

#### **Mortality Tables Impact on Employee Contribution Rates**

Member contribution rates will be based on the following sex distinct mortality tables adjusted by ages and used regardless of gender:

RP-2000 Combined Mortality Table Projected to 2010 Using Scale AA assumptions used:

- For General healthy members, the Male table set back 4 years
- For Safety healthy members, the Male table set back 3 years
- For Beneficiaries, the Female table set back 2 years
- For General disabled members, the Male table set back 1 year
- For Safety disabled members, the Male table with no age adjustment

Note: No set back means that the table is used as published. When the table is set forward one year, the member's life expectancy is that of someone one year older. When the table is set back one year, the member's life expectancy is that of someone one year younger.

#### PROBABILITY OF SEPARATION FROM ACTIVE SERVICE

The following tables indicate the probability of separation from active service for each of six separate sources of termination:

| SERVICE RETIREMENT  | Member retires after satisfaction of requirements of age and/or service for reasons other than disability.                                       |
|---------------------|--|
| DUTY DISABILITY     | Member receives disability retirement; disability is employment related.   |
| ORDINARY DISABILITY | Member receives disability retirement; disability not employment related.  |
| Ordinary Death      | Member dies prior to eligibility for retirement; death not employment related.   |
| SERVICE DEATH       | Member dies in service as a result of injury or disease arising out of and in the course of employment.  |
| OTHER TERMINATIONS  | Member terminates and requests a refund of member contributions and/or terminates and leaves the contributions on deposit (vested terminations). |

The probability shown for each cause of termination represents the probability that a given member will terminate at a particular age for the indicated reason. For example, if the probability of retirement age 50 is 3%, then we are assuming that 3% of eligible members at age 50 will retire during the next year.

The age at which a vested terminated member is assumed to commence the payment of retirement benefits is (*rates and assumptions adopted effective June 30, 2010*):

| PLAN           | AGE |
|----------------|-----|
| General Plan 2 | 65  |
| General Plan 5 | 58  |
| Safety Plan 4  | 54  |
| Safety Plan 6  | 50  |
| APCD           | 58  |

#### **Rate of Separation From**

#### **Active Service**

Assumptions effective June 30, 2010

GENERAL MEMBERS – MALE

|           | Service    | Duty       | Ordinary   | Ordinary |   | Years of | Other        |
|-----------|------------|------------|------------|----------|---|----------|--------------|
| Age       | Retirement | Disability | Disability | Death    | _ | Service  | Terminations |
| 20        | 0.00%      | 0.00%      | 0.01%      | 0.03%    | - | 5        | 5.50%        |
| <b>30</b> | 0.00%      | 0.00%      | 0.01%      | 0.04%    |   | 10       | 3.90%        |
| 40        | 0.00%      | 0.01%      | 0.01%      | 0.09%    |   | 15       | 2.90%        |
| 50        | 3.00%      | 0.09%      | 0.14%      | 0.16%    |   | 20       | 2.20%        |
| 60        | 15.00%     | 0.18%      | 0.27%      | 0.45%    |   | 25       | 0.80%        |
| <b>70</b> | 25.00%     | 0.18%      | 0.27%      | 1.55%    |   | 30+      | 0.00%        |
| <b>75</b> | 100.00%    | 0.00%      | 0.00%      | 0.00%    |   |          |              |

#### **Rate of Separation From**

#### **Active Service**

Assumptions effective June 30, 2010

GENERAL MEMBERS – FEMALE

| Age       | Service<br>Retirement | Duty<br>Disability | Ordinary<br>Disability | Ordinary<br>Death | . <u>-</u> | Years of<br>Service | Other<br>Terminations |
|-----------|-----------------------|--------------------|------------------------|-------------------|------------|---------------------|-----------------------|
| 20        | 0.00%                 | 0.00%              | 0.01%                  | 0.02%             | -          | 5                   | 5.50%                 |
| 30        | 0.00%                 | 0.00%              | 0.01%                  | 0.02%             |            | 10                  | 3.60%                 |
| 40        | 0.00%                 | 0.01%              | 0.01%                  | 0.05%             |            | 15                  | 2.40%                 |
| 50        | 7.00%                 | 0.09%              | 0.14%                  | 0.10%             |            | 20                  | 1.70%                 |
| 60        | 15.00%                | 0.18%              | 0.27%                  | 0.29%             |            | 25                  | 1.20%                 |
| <b>70</b> | 25.00%                | 0.18%              | 0.27%                  | 1.04%             |            | 30+                 | 0.00%                 |
| <b>75</b> | 100.00%               | 0.00%              | 0.00%                  | 0.00%             |            |                     |                       |

#### **Rate of Separation From**

#### **Active Service**

Assumptions effective June 30, 2010

#### SAFETY PLAN 4 MEMBERS – MALE

| Age | Service<br>Retirement | Duty<br>Disability | Ordinary<br>Disability | Service<br>Death | Ordinary<br>Death | Years of<br>Service | Other<br>Terminations |
|-----|-----------------------|--------------------|------------------------|------------------|-------------------|---------------------|-----------------------|
| 20  | 0.00%                 | 0.09%              | 0.01%                  | 0.01%            | 0.03%             | 5                   | 3.00%                 |
| 30  | 0.00%                 | 0.14%              | 0.02%                  | 0.01%            | 0.04%             | 10                  | 2.10%                 |
| 40  | 2.00%                 | 0.23%              | 0.03%                  | 0.01%            | 0.09%             | 15                  | 1.20%                 |
| 50  | 8.00%                 | 0.50%              | 0.06%                  | 0.01%            | 0.16%             | 20+                 | 0.00%                 |
| 60  | 25.00%                | 0.72%              | 0.08%                  | 0.01%            | 0.45%             |                     |                       |
| 65  | 100.00%               | 0.00%              | 0.00%                  | 0.00%            | 0.00%             |                     |                       |

#### **Rate of Separation From Active Service**

Assumptions effective June 30, 2010

#### SAFETY PLAN 4 MEMBERS – **FEMALE**

|     | Service    | Duty       | Ordinary   | Service | Ordinary | Years of | Other        |
|-----|------------|------------|------------|---------|----------|----------|--------------|
| Age | Retirement | Disability | Disability | Death   | Death    | Service  | Terminations |
| 20  | 0.00%      | 0.09%      | 0.01%      | 0.01%   | 0.02%    | 5        | 3.00%        |
| 30  | 0.00%      | 0.14%      | 0.02%      | 0.01%   | 0.02%    | 10       | 2.10%        |
| 40  | 2.00%      | 0.23%      | 0.03%      | 0.01%   | 0.05%    | 15       | 1.20%        |
| 50  | 8.00%      | 0.50%      | 0.06%      | 0.01%   | 0.10%    | 20+      | 0.00%        |
| 60  | 25.00%     | 0.72%      | 0.08%      | 0.01%   | 0.29%    |          |              |
| 65  | 100.00%    | 0.00%      | 0.00%      | 0.00%   | 0.00%    |          |              |

#### **Rate of Separation From Active Service**

Assumptions effective June 30, 2010

#### SAFETY PLAN 6 MEMBERS – MALE

| Ag | Service<br>e Retirement | Duty<br>Disability | Ordinary<br>Disability | Service<br>Death | Ordinary<br>Death | Years of<br>Service |       |
|----|-------------------------|--------------------|------------------------|------------------|-------------------|---------------------|-------|
| 20 | 0.00%                   | 0.09%              | 0.01%                  | 0.01%            | 0.03%             | 5                   | 3.00% |
| 30 | 0.00%                   | 0.14%              | 0.02%                  | 0.01%            | 0.04%             | 10                  | 2.10% |
| 40 | 2.00%                   | 0.23%              | 0.03%                  | 0.01%            | 0.09%             | 15                  | 1.20% |
| 50 | 20.00%                  | 0.50%              | 0.06%                  | 0.01%            | 0.16%             | 20+                 | 0.00% |
| 60 | 25.00%                  | 0.72%              | 0.08%                  | 0.01%            | 0.45%             |                     |       |
| 65 | 100.00%                 | 0.00%              | 0.00%                  | 0.00%            | 0.00%             |                     |       |

### **Rate of Separation From**

**Active Service** 

Assumptions effective June 30, 2010

#### SAFETY PLAN 6 MEMBERS – **FEMALE**

|     | Service    | Duty       | Ordinary   | Service | Ordinary | Years of |              |
|-----|------------|------------|------------|---------|----------|----------|--------------|
| Age | Retirement | Disability | Disability | Death   | Death    | Service  | Terminations |
| 20  | 0.00%      | 0.09%      | 0.01%      | 0.01%   | 0.02%    | 5        | 3.00%        |
| 30  | 0.00%      | 0.14%      | 0.02%      | 0.01%   | 0.02%    | 10       | 2.10%        |
| 40  | 2.00%      | 0.23%      | 0.03%      | 0.01%   | 0.05%    | 15       | 1.20%        |
| 50  | 20.00%     | 0.50%      | 0.06%      | 0.01%   | 0.10%    | 20+      | 0.00%        |
| 60  | 25.00%     | 0.72%      | 0.08%      | 0.01%   | 0.29%    |          |              |
| 65  | 100.00%    | 0.00%      | 0.00%      | 0.00%   | 0.00%    |          |              |

#### **Mortality for Members Retired for Service**

Assumptions effective June 30, 2010

#### **Mortality for Members Retired for Disability**

Assumptions effective June 30, 2010

|           | GENI    | ERAL   | SAFI    | ETY    |     | GENERAL |         | SAFETY  |         |
|-----------|---------|--------|---------|--------|-----|---------|---------|---------|---------|
| Age       | Male    | Female | Male    | Female | Age | Male    | Female  | Male    | Female  |
| 20        | 0.026%  | 0.015% | 0.026%  | 0.015% | 20  | 0.028%  | 0.016%  | 0.028%  | 0.016%  |
| 25        | 0.032%  | 0.016% | 0.032%  | 0.016% | 25  | 0.034%  | 0.018%  | 0.034%  | 0.018%  |
| 30        | 0.037%  | 0.019% | 0.037%  | 0.019% | 30  | 0.042%  | 0.024%  | 0.042%  | 0.024%  |
| 35        | 0.060%  | 0.028% | 0.060%  | 0.028% | 35  | 0.074%  | 0.043%  | 0.074%  | 0.043%  |
| 40        | 0.091%  | 0.046% | 0.091%  | 0.046% | 40  | 0.100%  | 0.061%  | 0.100%  | 0.061%  |
| 45        | 0.116%  | 0.067% | 0.116%  | 0.067% | 45  | 0.132%  | 0.096%  | 0.132%  | 0.096%  |
| 50        | 0.158%  | 0.103% | 0.158%  | 0.103% | 50  | 0.178%  | 0.141%  | 0.178%  | 0.141%  |
| 55        | 0.238%  | 0.158% | 0.238%  | 0.158% | 55  | 0.299%  | 0.251%  | 0.299%  | 0.251%  |
| 60        | 0.449%  | 0.291% | 0.449%  | 0.291% | 60  | 0.574%  | 0.481%  | 0.574%  | 0.481%  |
| 65        | 0.870%  | 0.553% | 0.870%  | 0.553% | 65  | 1.106%  | 0.923%  | 1.106%  | 0.923%  |
| 70        | 1.552%  | 1.042% | 1.552%  | 1.042% | 70  | 1.909%  | 1.592%  | 1.909%  | 1.592%  |
| <b>75</b> | 2.612%  | 1.749% | 2.612%  | 1.749% | 75  | 3.286%  | 2.594%  | 3.286%  | 2.594%  |
| 80        | 4.620%  | 2.858% | 4.620%  | 2.858% | 80  | 5.821%  | 4.277%  | 5.821%  | 4.277%  |
| 85        | 8.279%  | 4.734% | 8.279%  | 4.734% | 85  | 10.324% | 7.292%  | 10.324% | 7.292%  |
| 90        | 14.323% | 8.215% | 14.323% | 8.215% | 90  | 17.620% | 12.778% | 17.620% | 12.778% |

#### **Salary Increase Assumption**

Assumptions effective June 30, 2010

#### **GENERAL MEMBERS**

| Years of<br>Service | Due to Promotion<br>& Longevity | Total Annual<br>Increase | Years of<br>Service | Due to Promotion<br>& Longevity | Total Annual<br>Increase |
|---------------------|---------------------------------|--------------------------|---------------------|---------------------------------|--------------------------|
| <1                  | 4.75%                           | 8.68%                    | 16                  | 0.50%                           | 4.27%                    |
| 1                   | 4.00%                           | 7.90%                    | 17                  | 0.48%                           | 4.25%                    |
| 2                   | 3.25%                           | 7.12%                    | 18                  | 0.46%                           | 4.23%                    |
| 3                   | 2.50%                           | 6.34%                    | 19                  | 0.44%                           | 4.21%                    |
| 4                   | 2.00%                           | 5.83%                    | 20                  | 0.42%                           | 4.19%                    |
| 5                   | 1.50%                           | 5.31%                    | 21                  | 0.40%                           | 4.16%                    |
| 6                   | 1.25%                           | 5.05%                    | 22                  | 0.38%                           | 4.14%                    |
| 7                   | 1.00%                           | 4.79%                    | 23                  | 0.36%                           | 4.12%                    |
| 8                   | 0.90%                           | 4.68%                    | 24                  | 0.34%                           | 4.10%                    |
| 9                   | 0.80%                           | 4.58%                    | 25                  | 0.32%                           | 4.08%                    |
| 10                  | 0.78%                           | 4.55%                    | 26                  | 0.30%                           | 4.06%                    |
| 11                  | 0.75%                           | 4.53%                    | 27                  | 0.28%                           | 4.04%                    |
| 12                  | 0.70%                           | 4.48%                    | 28                  | 0.26%                           | 4.02%                    |
| 13                  | 0.65%                           | 4.42%                    | 29                  | 0.25%                           | 4.01%                    |
| 14                  | 0.60%                           | 4.37%                    | 30+                 | 0.25%                           | 4.01%                    |
| 15                  | 0.55%                           | 4.32%                    |                     |                                 |                          |

The total expected increase in salary is the increase due to promotions and longevity, adjusted for an assumed 3.75% per annum increase in the general wage level of the membership. The total result is compounded rather than additive.

#### **Salary Increase Assumption**

Assumptions effective June 30, 2010

#### **SAFETY MEMBERS**

| Years of D<br>Service | ue to Promotion<br>& Longevity | Total Annual<br>Increase | Years of<br>Service | Due to Promotion<br>& Longevity | Total Annual<br>Increase |
|-----------------------|--------------------------------|--------------------------|---------------------|---------------------------------|--------------------------|
| <1                    | 6.00%                          | 9.97%                    | 16                  | 0.82%                           | 4.60%                    |
| 1                     | 5.00%                          | 8.94%                    | 17                  | 0.80%                           | 4.57%                    |
| 2                     | 4.00%                          | 7.90%                    | 18                  | 0.77%                           | 4.55%                    |
| 3                     | 3.25%                          | 7.12%                    | 19                  | 0.74%                           | 4.52%                    |
| 4                     | 2.50%                          | 6.34%                    | 20                  | 0.72%                           | 4.50%                    |
| 5                     | 2.00%                          | 5.83%                    | 21                  | 0.69%                           | 4.47%                    |
| 6                     | 1.60%                          | 5.41%                    | 22                  | 0.67%                           | 4.45%                    |
| 7                     | 1.30%                          | 5.10%                    | 23                  | 0.64%                           | 4.42%                    |
| 8                     | 1.20%                          | 4.99%                    | 24                  | 0.62%                           | 4.39%                    |
| 9                     | 1.10%                          | 4.89%                    | 25                  | 0.59%                           | 4.37%                    |
| 10                    | 1.00%                          | 4.79%                    | 26                  | 0.57%                           | 4.34%                    |
| 11                    | 0.95%                          | 4.74%                    | 27                  | 0.54%                           | 4.32%                    |
| 12                    | 0.92%                          | 4.70%                    | 28                  | 0.52%                           | 4.29%                    |
| 13                    | 0.89%                          | 4.68%                    | 29                  | 0.50%                           | 4.27%                    |
| 14                    | 0.87%                          | 4.65%                    | 30+                 | 0.50%                           | 4.27%                    |
| 15                    | 0.85%                          | 4.63%                    |                     |                                 |                          |

The total expected increase in salary is the increase due to promotions and longevity, adjusted for an assumed 3.75% per annum increase in the general wage level of the membership. The total result is compounded rather than additive.

### **Immediate Refund of Contributions Upon Termination of Employment**

Assumptions effective June 30, 2010

#### **GENERAL & SAFETY MEMBERS**

Years of

| Service | General Male | General Female | Safety |
|---------|--------------|----------------|--------|
| 0       | 100%         | 100%           | 100%   |
| 5       | 40%          | 40%            | 25%    |
| 10      | 25%          | 25%            | 0%     |
| 15      | 10%          | 10%            | 0%     |
| 20      | 10%          | 10%            | 0%     |
| 25      | 0%           | 10%            | 0%     |
| 30      | 0%           | 0%             | 0%     |

| Valuation Date | Plan<br>Type | Active<br>Members | A  | verage Annual<br>Salary | I  | Average | % Increa<br>in Averaş<br>Salary |         |
|----------------|--------------|-------------------|----|-------------------------|----|---------|---------------------------------|---------|
| June 30, 2004  | General      | 3,559             | \$ | 199,365,000             | \$ | 56,017  | 5.8                             | %       |
| June 30, 200+  | Safety       | 944               | φ  | 67,596,000              | Ą  | 71,606  | 3.3                             | /0<br>% |
|                | Total        | 4,503             | \$ | 266,961,000             |    | 59,285  | 5.4                             | %       |
|                | Total        |                   | Ψ= |                         |    | 37,203  | 3.4                             | 70      |
| June 30, 2005  | General      | 3,558             | \$ | 199,371,000             | \$ | 56,035  | -                               | %       |
|                | Safety       | 947               |    | 68,414,000              |    | 72,244  | 0.9                             | %       |
|                | Total        | 4,505             | \$ | 267,785,000             |    | 59,442  | 0.3                             | %       |
| June 30, 2006  | General      | 3,658             | \$ | 214,405,000             | \$ | 58,613  | 4.6                             | %       |
| <b>,</b>       | Safety       | 982               |    | 72,977,000              | ,  | 74,315  | 2.9                             | %       |
|                | Total        | 4,640             | \$ | 287,382,000             |    | 61,936  | 4.2                             | %       |
| June 30, 2007  | General      | 3,569             | \$ | 214,717,000             | \$ | 60,162  | 2.6                             | %       |
|                | Safety       | 1,003             |    | 75,506,000              |    | 75,280  | 1.3                             | %       |
|                | APCD         | 53                |    | 3,940,000               |    | 74,340  | N.                              | /A      |
|                | Total        | 4,625             | \$ | 294,163,000             |    | 63,603  | 2.7                             | %       |
| June 30, 2008  | General      | 3,552             | \$ | 226,426,000             | \$ | 63,746  | 6.0                             | %       |
|                | Safety       | 1,006             |    | 77,230,000              |    | 76,769  | 2.0                             | %       |
|                | APCD         | 48                |    | 3,608,000               |    | 75,167  | 1.1                             | %       |
|                | Total        | 4,606             | \$ | 307,264,000             |    | 66,710  | 4.9                             | %       |
| June 30, 2009  | General      | 3,450             | \$ | 223,831,000             | \$ | 64,879  | 1.8                             | %       |
|                | Safety       | 967               |    | 79,596,000              |    | 82,312  | 7.2                             | %       |
|                | APCD         | 50                |    | 3,955,000               |    | 79,100  | 5.2                             | %       |
|                | Total        | 4,467             | \$ | 307,382,000             |    | 68,812  | 3.2                             | %       |
| June 30, 2010  | General      | 3,261             | \$ | 223,995,000             | \$ | 68,689  | 5.9                             | %       |
|                | Safety       | 921               |    | 79,795,000              |    | 86,640  | 5.3                             | %       |
|                | APCD         | 46                |    | 3,716,000               |    | 80,783  | 2.1                             | %       |
|                | Total        | 4,228             | \$ | 307,506,000             | \$ | 72,731  | 5.7                             | %       |

#### SCHEDULE OF RETIREES & BENEFICIARIES ADDED TO AND REMOVED FROM RETIREMENT PAYROLL

|                | Add    | led | to Rolls            | Remov  | ed | from Rolls          | Rolls at End of Year |    |                     |                                       |    |                                |
|----------------|--------|-----|---------------------|--------|----|---------------------|----------------------|----|---------------------|---------------------------------------|----|--------------------------------|
| Fiscal<br>Year | Number | r   | Annual<br>Allowance | Number | •  | Annual<br>Allowance | Number               | r  | Annual<br>Allowance | % Increase<br>in Retiree<br>Allowance | -  | Average<br>Annual<br>Allowance |
| 2002           | 182    | \$  | 4,869,205           | (69)   | \$ | (729,682)           | 2,241                | \$ | 41,805,316          | 13.7 %                                | \$ | 18,655                         |
| 2003           | 184    | \$  | 5,470,614           | (80)   | \$ | (1,362,009)         | 2,345                | \$ | 47,280,006          | 13.1 %                                | \$ | 20,162                         |
| 2004           | 185    | \$  | 4,846,363           | (90)   | \$ | (1,316,001)         | 2,440                | \$ | 52,267,967          | 10.5 %                                | \$ | 21,421                         |
| 2005           | 202    | \$  | 6,264,388           | (81)   | \$ | (1,410,780)         | 2,561                | \$ | 58,823,879          | 12.5 %                                | \$ | 22,969                         |
| 2006           | 191    | \$  | 4,784,912           | (73)   | \$ | (1,257,887)         | 2,679                | \$ | 64,580,012          | 9.8 %                                 | \$ | 24,106                         |
| 2007           | 203    | \$  | 7,348,140           | (70)   | \$ | (1,165,047)         | 2,812                | \$ | 70,763,105          | 9.6 %                                 | \$ | 25,165                         |
| 2008           | 232    | \$  | 8,624,426           | (72)   | \$ | (1,213,017)         | 2,972                | \$ | 83,023,412          | 17.3 %                                | \$ | 27,935                         |
| 2009           | 239    | \$  | 8,842,975           | (94)   | \$ | (2,084,942)         | 3,117                | \$ | 92,275,326          | 11.1 %                                | \$ | 29,604                         |
| 2010           | 301    | \$  | 13,005,361          | (100)  | \$ | 2,443,989           | 3,318                | \$ | 104,978,781         | 13.8 %                                | \$ | 31,639                         |

#### **ACTUARIAL SOLVENCY TEST**

Portion of Accrued Liabilities

| Dollars in Thousands |                     |     | Actuari                              | al A | ccrued Lia                       | bilit |   | Covered by      | Reporte  | d Assets |         |
|----------------------|---------------------|-----|--------------------------------------|------|----------------------------------|-------|---|-----------------|----------|----------|---------|
| Valuation<br>Date    | Valuation<br>Assets | Con | Active<br>Member<br>tribution<br>(A) |      | tirees and<br>neficiaries<br>(B) |       | Active<br>Members<br>(Employer<br>Financed) | Total AAL       | ,<br>(A) | (B)      | (C)     |
| 12/31/2000           | \$ 1,171,138        | \$  | 98,215                               | \$   | 396,275                          | ** \$ | 651,029                                     | \$<br>1,145,519 | 100 %    | 100 %    | 103.9 % |
| 12/31/2002           | \$ 1,295,956        | \$  | 122,032                              | \$   | 460,031                          | \$    | 781,542                                     | \$<br>1,363,605 | 100 %    | 100 %    | 91.3 %  |
| 6/30/2003            | \$ 1,346,665        | \$  | 105,570                              | \$   | 572,737                          | \$    | 776,557                                     | \$<br>1,454,864 | 100 %    | 100 %    | 86.1 %  |
| 6/30/2004            | \$ 1,379,170        | \$  | 115,530                              | \$   | 633,082                          | \$    | 830,157                                     | \$<br>1,578,769 | 100 %    | 100 %    | 76.0 %  |
| 6/30/2005            | \$ 1,443,824        | \$  | 125,040                              | \$   | 715,319                          | \$    | 847,273                                     | \$<br>1,687,632 | 100 %    | 100 %    | 71.2 %  |
| 6/30/2006            | \$ 1,552,776        | \$  | 137,148                              | \$   | 788,479                          | \$    | 884,029                                     | \$<br>1,809,656 | 100 %    | 100 %    | 70.9 %  |
| 6/30/2007*           | \$ 1,704,469        | \$  | 169,218                              | \$   | 979,657                          | \$    | 810,516                                     | \$<br>1,959,391 | 100 %    | 100 %    | 68.5 %  |
| 6/30/2008            | \$ 1,891,456        | \$  | 177,770                              | \$   | 1,124,748                        | \$    | 833,437                                     | \$<br>2,135,955 | 100 %    | 100 %    | 70.7 %  |
| 6/30/2009            | \$ 1,705,733        | \$  | 174,951                              | \$   | 1,237,215                        | \$    | 851,696                                     | \$<br>2,263,862 | 100 %    | 100 %    | 34.5 %  |
| 6/30/2010            | \$ 1,927,229        | \$  | 162,432                              | \$   | 1,483,728                        | \$    | 969,987                                     | \$<br>2,616,147 | 100 %    | 100 %    | 29.0 %  |

- \*• Information for years prior to 2007 was provided by prior actuaries.
- Prior to 2007, non-valuation asset reserves were included with the Actuarial Value of Assets (AVA).
- · Non-valuation asset reserves were also added to the Actuarial Accrued Liabilities (AAL) for Active Members prior to 2007.
- · Beginning in 2007, non-valuation assets are not included in the AVA and are no longer added to the AAL.
- Also beginning in 2007, liabilities for terminated members with vested deferred benefits are included with the AAL for Retirees
  and Beneficiaries.
- Results as of June 30, 2007 do not match those previously reported in the 2007 Comprehensive Annual Financial Report (CAFR). This information reflects the Board's actions on September 19, 2008 regarding asset reserve classifications.

#### **ACTUARIAL ANALYSIS OF FINANCIAL EXPERIENCE**

#### **Dollars** in Millions

| As of June 30                                    | 2010      | 2009                | 2008      | 2007      | 2006      | 2005   |
|--|-----------|---------------------|-----------|-----------|-----------|--------|
| Prior Valuation                                  |           |                     |           |           |           |        |
| <b>Unfunded Actuarial Accrued Liability</b>      | \$ 558.10 | \$ <u>244.40</u> \$ | 252.30 \$ | 256.90 \$ | 243.80 \$ | 199.60 |
| Expected Change from Prior Year                  | 30.7      | (4.1)               | (5.6)     | 5.8       | 2.2       | 4.2    |
| Actuarial (Gains) or Losses During the Year      |           |                     |           |           |           |        |
| Asset Transfer from Non-Valuation Reserves       | -         | -                   | (21.6)    | (84.1)    | -         | -      |
| Asset Return (Greater) or Less than Expected     | (85.3)    | 336.0               | (20.3)    | (57.6)    | 7.9       | 41.5   |
| New Entrants                                     | 1.1       | 1.1                 | 2.9       | 4.0       | -         | -      |
| Salary Increases Greater or (Less) than Expected | (7.6)     | (32.1)              | 10.9      | 12.6      | -         | -      |
| Changes in Assumptions and Methodology           | 170.7     | -                   | -         | 114.2     | (7.0)     | -      |
| Changes in Plan Provisions*                      | -         | -                   | -         | 10.2      | 1.1       | -      |
| All Other (Including Demographic Experience)     | 21.2      | 12.8                | 25.8      | (9.7)     | 8.9       | (1.5)  |
| Total Changes                                    | 130.8     | 313.7               | (7.9)     | (4.6)     | 13.1      | 44.2   |
| Values as of Valuation Date                      | \$ 688.90 | \$ 558.10 \$        | 244.40 \$ | 252.30 \$ | 256.90 \$ | 243.80 |

Information for years prior to 2007 was provided by prior actuaries.

Results as of June 30, 2007 do not match those previously reported in the 2007 Comprehensive Annual Financial Report (CAFR). \*Changes in Plan Provisions are for new Safety Plan 6 and General Plan 5C.

<sup>\*\*</sup> Excluding benefit improvements

#### SUMMARY OF MAJOR PLAN PROVISIONS

#### Eligibility

Safety Plan 6A:

25, 2008

The County has established several defined tiers based primarily on a members' date of entry into SBCERS. There are two types of SBCERS Members:

**Safety Members:** employees whose principal duty is active law enforcement or active fire suppression are eligible to be Safety members. Membership in a particular tier depends upon date of entry to the system by bargaining unit.

General members: all non-Safety employees are eligible to be General members. Membership in a particular tier depends primarily upon date of entry into the system

| a pa | articular tier depends               | primarily upon date of entry into the system.   |
|------|--------------------------------------|---|
| •    | APCD Plan 1:                         | APCD employees hired on or before July 3, 1995  |
| •    | APCD Plan 2:                         | APCD employees hired after July 3, 1995   |
| •    | General Plan 2:                      | Employees hired on or before January 11, 1999 who elected to join General Plan 2  |
| •    | Safety Plan 4A & General Plan 5A:    | General employees hired before October 10, 1994 who did not elect to join General Plan 2, and Safety employees hired before October 10, 1994  |
| •    | Safety Plan 4B &<br>General Plan 5B: | Employees hired on or after October 10, 1994  |
| •    | General Plan 5C:                     | Members in certain bargaining units hired on or after October 10, 1994. Members in those bargaining units transferred from Plan 5B on March 10, 2008  |
| •    | Safety Plan 4C:                      | Members in certain bargaining units who were hired on or after October 10, 1994. All members in certain bargaining units. Members in those bargaining units transferred from Plan 4B on July 3, 2006. |

Safety Plan 6B: Members in certain bargaining units hired after October 10, 1994. Members in those bargaining units transferred from Plan 4D on February 25, 2008

Members in certain bargaining units hired prior to October 10, 1994. Members in those bargaining units transferred from Plan 4A on February

#### **Final Compensation**

- Monthly average highest 12 consecutive months of compensation earnable for General Plans 5A and 5B, Safety Plans 4A, 4B, 6A, and APCD Plans 1 and 2
- Monthly average of highest 36 consecutive months of compensation earnable for General Plan 5C, Safety Plans 4C, 6B and part-time members in all plans
- Monthly average of highest 36 non-consecutive months of compensation for General Plan 2

#### **Service Retirement**

#### NORMAL RETIREMENT AGE

- Age 65 for §31486.4 (General Plan 2)
- Age 57 for §31676.12 (General Plan 5)
- Age 55 for §31664.2 (Safety Plan 4)
- Age 50 for §31664.1 (Safety Plan 6)
- Age 55 for §31676.15 (APCD Plan)

#### EARLY RETIREMENT

- Age 50 and 10 years for General Plan 5 and APCD Plan
- Age 55 and 10 years for General Plan 2
- Age 50 and 10 years for Safety Plan 4 OR
- 30 years for General Plan 5 and APCD Plan
- 20 years for Safety Plans 4 and 6

#### BENEFIT AT NORMAL RETIREMENT AGE

- 2% of final average salary per year of service times age factor (§31676.12 and §31676.15 respectively) for General Plan 5 and APCD Plan
- 2% of final average salary per year of service (maximum 35 years) plus 1% of final average salary per year of service in excess of 35 (maximum 10 years) reduced by 1/35 of Social Security benefit at age 65 per year of service (maximum 35 years) for General Plan 2
- 3% of final average salary per year of service times age factor for Safety Plans 4 (§31664.2) and 6 (§31664.1)

#### BENEFIT ADJUSTMENTS

- Reduced for retirement before:
  - Age 65 for § 31486.4 (General Plan 2)
  - Age 57 for § 31676.12 (General Plan 5)
  - Age 55 for § 31664.2 (Safety Plan 4)
  - Age 50 for § 31664.1 (Safety Plan 6)
  - Age 55 for § 31676.15 (APCD Plan)

Reductions for § 31486.4 are actuarial equivalents

- Increased for retirement after:
  - Age 57 for § 31676.12 (General Plan 5)
  - Age 55 for § 31676.15 (APCD Plan)

#### **Disability Retirement**

- Non-service connected for General Plan 5, Safety Plans 4 and 6 and APCD Plan
  - 1.8% of final average salary per year of service, with maximum of 331/3% if projected service is used (age 62 for General Plan 5, age 55 for Safety Plans 4 and 6 and age 65 for APCD Plan) or
  - 90% of the accrued service retirement benefit without a benefit adjustment, or service retirement benefit (if eligible)
- Service connected for General Plan 5, Safety Plans 4 and 6 and APCD Plan
  - Greater of 50% of final average salary or service retirement benefit (if eligible)
- General Plan 2 purchases long-term insurance policy
  - 60% of salary provided outside of the Plan
  - Payments are reduced by other disability income benefits
  - Service retirement at age 65 (credit given toward service retirement while disabled under the LTD Plan)

#### **Death Before Retirement**

- Non-service connected before eligible to retire for General Plan 5, Safety Plans 4 and 6 and APCD Plan
  - Refund of contributions plus 1/12 of last year's salary per year of service up to 6 years
- Eligible for non-service connected disability or service retirement for General Plan 5, Safety Plans 4 and APCD Plan
  - 60% of member's accrued allowance
- Service connected for General Plan 5, Safety Plans 4 and 5, and APCD Plan
  - 50% of salary
- Benefit for General Plan 2
  - 1/12 of final year's salary per year of service up to 6 years

#### **Death After Retirement**

- \$5,000 lump sum death benefit for General Plan 5, Safety Plans 4 and 6, and APCD Plan
- Service retirement or non-service connected disability
  - 60% of member's allowance payable to an eligible spouse for General Plan 5, Safety Plans 4 and 6and APCD Plan
  - 50% of member's allowance payable to an eligible spouse for General Plan 2
- Service connected disability
  - 100% of member's allowance payable to an eligible spouse for General Plan 5, Safety Plans 4 and 6 and APCD Plan
  - 50% of member's allowance payable to an eligible spouse for General Plan 2

#### Vesting

- Must leave contributions on deposit
- Five years of service for General Plan 5, Safety Plans 4 and 6 and APCD Plan
- Ten years of service for General Plan 2

#### **Member's Contributions**

- Based on entry age
- Half rates for General Plans 5A and 5C, Safety Plans 4A, 4C, 6A and 6B and APCD Plan 1
- Full rates for General Plan 5B, Safety Plan 4B and APCD Plan 2
- General Plan 2 is noncontributory

#### Maximum Benefit

- 100% of final average salary for General Plan 5, Safety Plans 4 and 6 and APCD Plan
- Benefit and Social Security combined cannot exceed 70% of final average salary if service is less than 35 years, otherwise 80% for General Plan 2

#### **Cost-Of-Living**

- Up to 3% cost-of-living adjustment for General Plan 5, Safety Plans 4 and 6 and APCD Plan
- None for General Plan 2

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#### **Schedule of Additions By Source**

|               |               | •             | Gross Return       |                   |               |                      |
|---------------|---------------|---------------|--------------------|-------------------|---------------|----------------------|
| <b>Fiscal</b> | Member        | Employer      | on                 | Investment        | Other         |                      |
| Year          | Contributions | Contributions | Investments        | Expenses          | Income        | Total                |
| 2001          | 0.450.600     | 20.246.260    | (44.200.522)       | (0.252.205)       | E0 6 24E      | (1.1.1.20.721)       |
| 2001          | \$ 8,458,680  | \$ 29,346,269 | \$<br>(44,280,522) | \$<br>(8,253,395) | \$<br>596,247 | \$<br>(14, 132, 721) |
| 2002          | 10,480,593    | 31,759,299    | (57,204,548)       | (5,177,584)       | 4,400         | (20,137,840)         |
| 2003          | 12,796,575    | 33,799,166    | 57,301,619         | (4,426,277)       | 4,012         | 99,475,095           |
| 2004          | 13,633,762    | 39,334,678    | 190,516,409        | (5,198,320)       | 4,001         | 238,290,530          |
| 2005          | 14,827,847    | 46,720,797    | 143,795,225        | (8,473,262)       | 49,497        | 196,920,104          |
| 2006          | 15,057,589    | 53,976,749    | 170,316,018        | (11,648,395)      | 55,990        | 227,757,951          |
| 2007          | 15,853,139    | 63,395,296    | 285,497,505        | (13,887,027)      | 2,233,265     | 353,092,178          |
| 2008          | 15,479,629    | 69,460,616    | (122,988,456)      | (10,260,776)      | 629,238       | (47,679,749)         |
| 2009          | 11,083,461    | 75,902,140    | (328,466,193)      | (5,321,065)       | 63,736        | (246,737,921)        |
| 2010          | 11,648,995    | 84,647,133    | 199,034,468        | (4,451,390)       | 228,877       | 291,108,083          |

#### **Schedule of Deductions By Type**

| Fiscal Year |    | <b>Benefits Paid</b> |    | Refunds   | Expenses        |    | Total       |
|-------------|----|----------------------|----|-----------|-----------------|----|-------------|
| 2001        | \$ | 40,775,721           | \$ | 1,144,835 | \$<br>1,523,493 | \$ | 43,444,049  |
| 2002        |    | 46,792,742           |    | 885,479   | 1,715,345       |    | 49,393,566  |
| 2003        |    | 51,443,905           |    | 1,204,495 | 1,520,815       |    | 54,169,215  |
| 2004        |    | 57,634,424           |    | 1,467,988 | 1,985,863       |    | 61,088,275  |
| 2005        |    | 64,254,302           |    | 1,284,974 | 1,842,161       |    | 67,381,437  |
| 2006        |    | 71,018,064           |    | 1,474,822 | 2,140,186       |    | 74,633,072  |
| 2007        |    | 76,846,452           |    | 1,883,614 | 2,470,058       |    | 81,200,124  |
| 2008        |    | 84,409,181           |    | 1,819,710 | 2,730,648       |    | 88,959,539  |
| 2009        |    | 89,180,779           |    | 1,609,893 | 3,045,028       |    | 93,835,700  |
| 2010        |    | 97,813,216           |    | 1,319,448 | 3,090,554       |    | 102,223,218 |

#### **Schedule of Benefit Expenses By Type**

| Fiscal Year |    | Benefits Paid<br>General |    | Benefits Paid<br>Safety | F  | Benefits<br>Paid APCD |    | Death<br>Benefits | Total Benefit<br>Expense |
|-------------|----|--------------------------|----|-------------------------|----|-----------------------|----|-------------------|--------------------------|
| 2001        | \$ | 28,365,250               | \$ | 12,067,274              | \$ | -                     | \$ | 343,197           | \$<br>40,775,721         |
| 2002        | ,  | 31,877,649               | ,  | 14,669,468              |    | -                     | '  | 245,625           | 46,792,742               |
| 2003        |    | 33,663,687               |    | 17,349,343              |    | -                     |    | 430,875           | 51,443,905               |
| 2004        |    | 38,007,015               |    | 19,335,644              |    | -                     |    | 291,765           | 57,634,424               |
| 2005        |    | 38,419,896               |    | 25,474,122              |    | -                     |    | 360,284           | 64,254,302               |
| 2006        |    | 42,993,071               |    | 27,439,334              |    | 265,414               |    | 320,245           | 71,018,064               |
| 2007        |    | 46,357,692               |    | 29,787,719              |    | 418,508               |    | 282,533           | 76,846,452               |
| 2008        |    | 50,680,926               |    | 32,900,009              |    | 596,896               |    | 231,350           | 84,409,181               |
| 2009        |    | 50,499,643               |    | 37,495,522              |    | 710,087               |    | 475,527           | 89,180,779               |
| 2010        |    | 55,347,535               |    | 41,389,618              |    | 793,023               |    | 283,040           | 97,813,216               |

| <b>Schedule of Participating Employers</b> | June 30, 2010 | June 30, 2009 |
|--|---------------|---------------|
| County of Santa Barbara:                   |               |               |
| General Members                            | 2,940         | 3,120         |
| Safety Members                             | 895           | 937           |
| Total:                                     | 3,835         | 4,057         |
| Santa Barbara Courts:                      |               |               |
| General Members                            | 266           | 278           |
| Total:                                     | 266           | 278           |
| Participating District Members:            |               |               |
| Air Pollution Control                      | 46            | 50            |
| Carpinteria Cemetery                       | 2             | 2             |
| Carpinteria-Summerland Fire Protection     | 33            | 35            |
| Goleta Cemetery                            | 4             | 4             |
| Oak Hill Cemetery                          | 3             | 3             |
| Santa Barbara Association of Governments   | 19            | 19            |
| Santa Barbara Vector Control               | 7             | 6             |
| Santa Maria Cemetery                       | 9             | 9             |
| Summerland Sanitary                        | 4             | 4             |
| Total:                                     | 127           | 132           |
| Total Active Membership:                   | 4,228         | 4,467         |

#### **Employer Contribution Rates**

Effective July 1, 2009

|         |         | SB County<br>Air Pollution<br>Control District | SB County<br>&<br>SB Courts | Special<br>Districts |
|---------|---------|--|-----------------------------|----------------------|
| General | APCD 1  | 25.82%   |                             |                      |
|         | APCD 2  | 24.59%   |                             |                      |
| General | Plan 2  |  | 11.74%                      |                      |
|         | Plan 5A |  | 21.06%                      | 21.06%               |
|         | Plan 5B |  | 21.00%                      |                      |
|         | Plan 5C |  | 21.94%                      |                      |
| Safety  | Plan 4A |  | 26.75%                      | 26.75%               |
| •       | Plan 4B |  | 20.39%                      |                      |
|         | Plan 4C |  | 26.31%                      |                      |
|         | Plan 6A |  | 30.83%                      |                      |
|         | Plan 6B |  | 31.44%                      |                      |

Effective July 1, 2008

|           |            | General           | l                   |            |            | AP         | APCD       |                     |                |                     |
|-----------|------------|-------------------|---------------------|------------|------------|------------|------------|---------------------|----------------|---------------------|
|           | Plan<br>5A | Plan<br>5B        | Plan<br>5C          | Plan<br>4A | Plan<br>4B | Plan<br>4C | Plan<br>6A | Plan<br>6B          | APCD<br>Plan 1 | APCD<br>Plan 2      |
| Entry     | TAS TYL    | FAS 1yr           | FAS 3yr             | FAS 1yr    | FAS 1yr    | FAS 3yr    | FAS 1yr    | FAS 3yr             | FAS 1yr        | FAS 1yr             |
| Age<br>20 | Half Rates | Full Rates % 4.77 | Half Rates % 2.29 % | Half Rates |            | Half Rates |            | Half Rates % 4.28 % | Half Rates     | Full Rates % 5.68 % |
| 21        | 2.45       | 4.89              | 2.35                | 4.56       | 9.13       | 4.37       | 4.56       | 4.37                | 2.91           | 5.82                |
| 22        | 2.50       | 5.00              | 2.40                | 4.66       | 9.32       | 4.46       | 4.66       | 4.46                | 2.98           | 5.95                |
| 23        | 2.56       | 5.12              | 2.46                | 4.76       | 9.52       | 4.56       | 4.76       | 4.56                | 3.04           | 6.09                |
| 24        | 2.62       | 5.24              | 2.51                | 4.86       | 9.73       | 4.66       | 4.86       | 4.66                | 3.11           | 6.23                |
| 25        | 2.68       | 5.36              | 2.57                | 4.97       | 9.94       | 4.76       | 4.97       | 4.76                | 3.19           | 6.37                |
| 26        | 2.74       | 5.48              | 2.63                | 5.07       | 10.15      | 4.86       | 5.07       | 4.86                | 3.26           | 6.52                |
| 27        | 2.81       | 5.61              | 2.69                | 5.18       | 10.36      | 4.96       | 5.18       | 4.96                | 3.33           | 6.67                |
| 28        | 2.87       | 5.74              | 2.75                | 5.29       | 10.58      | 5.06       | 5.29       | 5.06                | 3.41           | 6.82                |
| 29        | 2.94       | 5.87              | 2.82                | 5.40       | 10.80      | 5.16       | 5.40       | 5.16                | 3.48           | 6.97                |
| 30        | 3.01       | 6.01              | 2.88                | 5.51       | 11.02      | 5.27       | 5.51       | 5.27                | 3.56           | 7.12                |
| 31        | 3.07       | 6.14              | 2.95                | 5.62       | 11.24      | 5.37       | 5.62       | 5.37                | 3.64           | 7.28                |
| 32        | 3.14       | 6.28              | 3.01                | 5.73       | 11.47      | 5.48       | 5.73       | 5.48                | 3.72           | 7.44                |
| 33        | 3.21       | 6.42              | 3.08                | 5.85       | 11.69      | 5.58       | 5.85       | 5.58                | 3.80           | 7.60                |
| 34        | 3.29       | 6.57              | 3.15                | 5.96       | 11.92      | 5.69       | 5.96       | 5.69                | 3.88           | 7.76                |
| 35        | 3.36       | 6.71              | 3.22                | 6.08       | 12.15      | 5.80       | 6.08       | 5.80                | 3.96           | 7.92                |
| 36        | 3.43       | 6.86              | 3.29                | 6.19       | 12.39      | 5.91       | 6.19       | 5.91                | 4.04           | 8.09                |
| <b>37</b> | 3.51       | 7.01              | 3.36                | 6.31       | 12.62      | 6.02       | 6.31       | 6.02                | 4.13           | 8.26                |
| 38        | 3.58       | 7.16              | 3.43                | 6.43       | 12.86      | 6.14       | 6.43       | 6.14                | 4.21           | 8.43                |
| 39        | 3.66       | 7.31              | 3.50                | 6.55       | 13.10      | 6.25       | 6.55       | 6.25                | 4.30           | 8.60                |
| 40        | 3.74       | 7.47              | 3.58                | 6.67       | 13.35      | 6.37       | 6.67       | 6.37                | 4.39           | 8.78                |
| 41        | 3.81       | 7.62              | 3.65                | 6.80       | 13.60      | 6.48       | 6.80       | 6.48                | 4.48           | 8.95                |
| 42        | 3.89       | 7.78              | 3.73                | 6.93       | 13.86      | 6.60       | 6.93       | 6.60                | 4.56           | 9.13                |
| 43        | 3.98       | 7.95              | 3.80                | 7.06       | 14.12      | 6.73       | 7.06       | 6.73                | 4.65           | 9.31                |
| 44        | 4.06       | 8.11              | 3.88                | 7.19       | 14.38      | 6.85       | 7.19       | 6.85                | 4.74           | 9.49                |
| 45        | 4.14       | 8.27              | 3.96                | 7.33       | 14.65      | 6.97       | 7.33       | 6.97                | 4.84           | 9.67                |
| 46        | 4.22       | 8.44              | 4.03                | 7.46       | 14.93      | 7.09       | 7.46       | 7.09                | 4.93           | 9.86                |
| 47        | 4.31       | 8.61              | 4.11                | 7.60       | 15.20      | 7.20       | 7.60       | 7.20                | 5.03           | 10.05               |
| 48        | 4.39       | 8.77              | 4.19                | 7.74       | 15.47      | 7.30       | 7.74       | 7.30                | 5.12           | 10.24               |
| 49        | 4.47       | 8.94              | 4.27                | 7.86       | 15.72      | 7.39       | 7.86       | 7.39                | 5.21           | 10.41               |
| 50        | 4.56       | 9.12              | 4.35                | 7.96       | 15.93      | 7.44       | 7.96       | 7.44                | 5.28           | 10.57               |
| 51        | 4.65       | 9.29              | 4.43                | 8.04       | 16.08      | 7.45       | 8.04       | 7.45                | 5.35           | 10.69               |
| 52        | 4.74       | 9.47              | 4.50                | 8.08       | 16.15      | 7.45       | 8.08       | 7.45                | 5.39           | 10.78               |
| 53        | 4.83       | 9.65              | 4.58                | 8.08       | 16.15      | 7.71       | 8.08       | 7.71                | 5.41           | 10.81               |
| 54        | 4.91       | 9.81              | 4.64                | 8.08       | 16.15      | 8.02       | 8.08       | 8.02                | 5.41           | 10.81               |
| 55        | 4.98       | 9.96              | 4.68                |            |            |            |            |                     |                |                     |
| 56        | 5.04       | 10.08             | 4.71                |            |            |            |            |                     |                |                     |
| 57        | 5.08       | 10.16             | 4.71                |            |            |            |            |                     |                |                     |
| 58        | 5.10       | 10.19             | 4.90                |            |            |            |            |                     |                |                     |
| 59+       | 5.10       | 10.19             | 5.10                |            |            |            |            |                     |                |                     |

#### **Schedule of Average Benefit Payments**

|                            | Years of Retirement |    |        |    |        |    |        |    |        |    |        |
|----------------------------|---------------------|----|--------|----|--------|----|--------|----|--------|----|--------|
|                            | 0-9                 |    | 10-14  |    | 15-19  |    | 20-24  |    | 25-29  |    | 30+    |
| December 31, 2001          |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 1,764               | \$ | 1,691  | \$ | 1,218  | \$ | 911    | \$ | 648    | \$ | 602    |
| Average Annual Benefit     | 21,172              |    | 20,291 |    | 14,617 |    | 10,930 |    | 7,775  |    | 7,226  |
| Number of Active Retirees  | 1,113               |    | 365    |    | 257    |    | 270    |    | 188    |    | 69     |
| December 31, 2002          |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 1,907               | \$ | 1,675  | \$ | 1,277  | \$ | 923    | \$ | 946    | \$ | 887    |
| Average Annual Benefit     | 22,881              |    | 20,101 |    | 15,323 |    | 11,072 |    | 11,349 |    | 10,641 |
| Number of Active Retirees  | 1,125               |    | 349    |    | 264    |    | 275    |    | 193    |    | 69     |
| June 30, 2003              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,046               | \$ | 1,789  | \$ | 1,329  | \$ | 1,014  | \$ | 941    | \$ | 928    |
| Average Annual Benefit     | 24,549              |    | 21,471 |    | 15,944 |    | 12,167 |    | 11,295 |    | 11,132 |
| Number of Active Retirees  | 1,181               |    | 365    |    | 258    |    | 274    |    | 189    |    | 78     |
| June 30, 2004              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,163               | \$ | 1,837  | \$ | 1,472  | \$ | 1,156  | \$ | 927    | \$ | 959    |
| Average Annual Benefit     | 25,950              |    | 22,044 |    | 17,665 |    | 13,870 |    | 11,124 |    | 11,508 |
| Number of Active Retirees  | 1,281               |    | 337    |    | 267    |    | 244    |    | 216    |    | 95     |
| June 30, 2005              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,328               | \$ | 1,851  | \$ | 1,635  | \$ | 1,279  | \$ | 885    | \$ | 1,076  |
| Average Annual Benefit     | 27,938              |    | 22,214 |    | 19,624 |    | 15,345 |    | 10,616 |    | 12,915 |
| Number of Active Retirees  | 1,367               |    | 363    |    | 264    |    | 234    |    | 219    |    | 114    |
| June 30, 2006              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,390               | \$ | 1,989  | \$ | 1,773  | \$ | 1,366  | \$ | 936    | \$ | 1,091  |
| Average Annual Benefit     | 28,680              |    | 23,870 |    | 21,271 |    | 16,396 |    | 11,235 |    | 13,096 |
| Number of Active Retirees  | 1,472               |    | 355    |    | 286    |    | 237    |    | 209    |    | 120    |
| June 30, 2007              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,462               | \$ | 2,045  | \$ | 1,906  | \$ | 1,510  | \$ | 1,056  | \$ | 1,113  |
| Average Annual Benefit     | 29,544              |    | 24,540 |    | 22,872 |    | 18,120 |    | 12,672 |    | 13,356 |
| Number of Active Retirees  | 1,566               |    | 349    |    | 314    |    | 232    |    | 207    |    | 144    |
| June 30, 2008              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,651               | \$ | 2,176  | \$ | 2,106  | \$ | 1,764  | \$ | 1,310  | \$ | 1,332  |
| Average Annual Benefit     | 31,812              |    | 26,112 |    | 25,272 |    | 21,168 |    | 15,720 |    | 15,984 |
| Number of Active Retirees  | 1,776               |    | 340    |    | 305    |    | 228    |    | 192    |    | 131    |
| June 30, 2009              |                     |    |        |    |        |    |        |    |        |    |        |
| Average Monthly Benefit \$ | 2,835               | \$ | 2,321  | \$ | 2,232  | \$ | 1,960  | \$ | 1,603  | \$ | 1,378  |
| Average Annual Benefit     | 34,020              |    | 27,852 |    | 26,784 |    | 23,520 |    | 19,236 |    | 16,536 |
| Number of Active Retirees  | 1,742               |    | 485    |    | 296    |    | 228    |    | 177    |    | 207    |
| June 30, 2010              |                     |    |        |    |        |    | _ ,    |    |        |    |        |
| Average Monthly Benefit \$ | 3,049               | \$ | 2,419  | \$ | 2,213  | \$ | 2,180  | \$ | 1,733  | \$ | 1,406  |
| Average Annual Benefit     | 36,588              |    | 29,028 |    | 26,556 |    | 26,160 |    | 20,796 |    | 16,872 |
| Number of Active Retirees  | 1,858               |    | 537    |    | 320    |    | 221    |    | 173    |    | 209    |

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ACCUMULATED PLAN BENEFITS: Benefits attributable under the provisions of a pension plan to employees for services rendered to the benefit information date.

ACTUARIAL ASSUMPTIONS: Assumptions used in the actuarial valuation process as to the occurrence of future events affecting pension costs, such as mortality, withdrawal, disablement and retirement; changes in compensation and national pension benefits; rates of investment earnings and asset appreciation or depreciation; procedures used to determine the actuarial value of assets; characteristics of future entrants for open group actuarial cost methods and other relevant items.

ACCRUAL BASIS: The recording of the financial effects on a government of transactions and other events and circumstances that have cash consequences for the government in the periods in which those transactions, events and circumstances occur, rather than only in the periods in which cash is received or paid by the government.

ACTUARIAL ACCRUED LIABILITY: The portion, as determined by a particular cost method, of the total present value of benefits that is attributable to past service credit.

**ACTUARIAL GAIN (LOSS):** A measure of the difference between actual and expected experience based upon a set of Examples include higher than actuarial assumptions. expected salary increases (loss) and a higher return on fund assets than anticipated (gain).

**ACTUARIAL PRESENT VALUE:** The discounted value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of actuarial assumptions.

AMORTIZATION: (1) The portion of the cost of a limited-life or intangible asset charged as an expense during a particular period. (2) The reduction of debt by regular payments of principal and interest sufficient to retire the debt by maturity.

AUDITOR'S REPORT: In the context of a financial audit, a statement by the auditor describing the scope of the audit and the auditing standards applied in the examination, and setting forth the auditor's opinion on the fairness of presentation of the financial information in conformity with GAAP or some other comprehensive basis of accounting.

#### COMPREHENSIVE ANNUAL FINANCIAL REPORT

(CAFR): The official annual report of a government. It includes (a) the five combined financial statements in the combined statements - overview and their related notes (the "liftable" GPFS) and (b) combining statements by fund type and individual fund and account group financial statements prepared in conformity with GAAP and organized into a financial reporting pyramid. It also includes supporting schedules necessary to demonstrate compliance with financerelated legal and contractual provisions, required supplementary information, extensive introductory material and a detailed statistical section. Every government reporting entity should prepare a CAFR.

ENTRY AGE ACTUARIAL COST METHOD: A method under which the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings or service of the individual between entry age and assumed exit age(s). The portion of this actuarial present value allocated to a valuation year is called the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is called the actuarial accrued liability.

NORMAL COST: The ongoing annual cost allocated to the system by a particular actuarial cost method for providing benefits (future cost). Normal cost payments are made during the working lifetime of the member.

PENSION CONTRIBUTION: The amount paid into a pension plan by an employer (or employee), pursuant to the terms of the plan, state law, actuarial calculations or some other basis for determinations.

PENSION TRUST FUND: A trust fund used to account for a PERS. Pension trust funds, like nonexpendable trust funds, use the accrual basis of accounting and have a capital maintenance focus.

UAAL AMORTIZATION PAYMENT: The portion of the pension plan contribution, which is designed to pay off (amortize) the unfunded actuarial accrued liability in a systematic fashion. Equivalently, it is a series of periodic payments required to pay off a debt.

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL): The excess of the actuarial accrued liability over the actuarial value of assets.