

# County Connection

2477 Arnold Industrial Way    Concord, CA 94520-5326    (925) 676-7500    countyconnection.com

## ADMINISTRATION & FINANCE COMMITTEE MEETING AGENDA

Wednesday, January 6, 2016

9:00 a.m.

Hanson Bridgett

1676 North California Blvd., Suite 620

Walnut Creek, California

The committee may take action on each item on the agenda. The action may consist of the recommended action, a related action or no action. Staff recommendations are subject to action and/or change by the committee.

1. Approval of Agenda
2. Public Communication
3. Approval of Minutes of December 2, 2015\*
4. Prop 1 B Transit Security Funding FY 2015-16
5. Cap and Trade Grant (LCTOP) – FY 2015-16\*
6. PERS Actuarial Valuation for June 30, 2014; Rate for FY2017\*
7. Review of Vendor Bills, December 2015\*\*
8. Legal Services Statement, October 2015-General, October 2015 Labor\*\*
9. Adjournment

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\*Enclosure

\*\*Enclosure for Committee Members

\*\*\*To be mailed under separate cover

FY2015/2016 A&F Committee

Don Tatzin – Lafayette, Al Dessayer - Moraga, Sue Noack – Pleasant Hill, Bob Simmons – Walnut Creek

Clayton • Concord • Contra Costa County • Danville • Lafayette • Martinez  
Moraga • Orinda • Pleasant Hill • San Ramon • Walnut Creek

CENTRAL CONTRA COSTA TRANSIT AUTHORITY

## General Information

**Public Comment:** Each person wishing to address the committee is requested to complete a Speakers Card for submittal to the Committee Chair before the meeting convenes or the applicable agenda item is discussed. Persons who address the Committee are also asked to furnish a copy of any written statement to the Committee Chair. Persons who wish to speak on matters set for Public Hearings will be heard when the Chair calls for comments from the public. After individuals have spoken, the Public Hearing is closed and the matter is subject to discussion and action by the Committee.

A period of thirty (30) minutes has been allocated for public comments concerning items of interest within the subject matter jurisdiction of the Committee. Each individual will be allotted three minutes, which may be extended at the discretion of the Committee Chair.

**Consent Items:** All matters listed under the Consent Calendar are considered by the committee to be routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a committee member or a member of the public prior to when the committee votes on the motion to adopt.

**Availability of Public Records:** All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available for public inspection at 2477 Arnold Industrial Way, Concord, California, at the same time that the public records are distributed or made available to the legislative body. The agenda and enclosures for this meeting are posted also on our website at [www.countyconnection.com](http://www.countyconnection.com).

**Accessible Public Meetings:** Upon request, County Connection will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service so that it is received by County Connection at least 48 hours before the meeting convenes. Requests should be sent to the Assistant to the General Manager, Lathina Hill, at 2477 Arnold Industrial Way, Concord, CA 94520 or [hill@countyconnection.com](mailto:hill@countyconnection.com).

**Shuttle Service:** With 24-hour notice, a County Connection LINK shuttle can be available at the BART station nearest the meeting location for individuals who want to attend the meeting. To arrange for the shuttle service, please call Robert Greenwood – 925/680 2072, no later than 24 hours prior to the start of the meeting.

### **Currently Scheduled Board and Committee Meetings**

Board of Directors:	Thursday, January 17, 9:00 a.m., County Connection Board Room
Administration & Finance:	Wednesday, January 6, 9:00 a.m., 1676 N. California Blvd., S620, Walnut Creek
Advisory Committee:	TBA. County Connection Board Room
Marketing, Planning & Legislative:	Thursday, January 7, 8:30 a.m., 2477 Arnold Industrial Way, Concord, CA
Operations & Scheduling:	Friday, January 8, 8:00 a.m. Supervisor Andersen's Office 309 Diablo Road, Danville, CA

**The above meeting schedules are subject to change. Please check the County Connection Website ([www.countyconnection.com](http://www.countyconnection.com)) or contact County Connection staff at 925/676-1976 to verify date, time and location prior to attending a meeting.**

**This agenda is posted on County Connection's Website ([www.countyconnection.com](http://www.countyconnection.com)) and at the County Connection Administrative Offices, 2477 Arnold Industrial Way, Concord, California**

Administration and Finance Committee  
Summary Minutes  
December 2, 2015

The meeting was called to order at 9:00 a.m. at the Walnut Creek offices of Hanson Bridgett. Those in attendance were:

Committee Members:        Director Bob Simmons  
                                         Director Al Dessayer  
                                         Director Don Tatzin  
                                         Director Sue Noack

Staff:                             Director of Finance Kathy Casenave  
                                         Director of Finance Erick Cheung  
                                         Human Resources Manager Lisa Rettig

1. Approval of Agenda- Director of Finance Casenave requested the Committee approve an additional item on the Agenda to amend the signors on CCCTA's accounts with Union Bank and designate Director Cheung as the Treasurer and Auditor of the Authority as of December 30th. Approved as amended.
2. Public Communication- None.
3. Approval of Minutes of October 28, 2015- Approved.
4. FY 2015 Audit-Teleconference- Rosalva Flores, the Brown Armstrong partner in charge of the FY 2015 audit, reported by telephone on the audit findings. She reported that the audit report is unmodified, no material weaknesses or deficiencies were identified and no material noncompliance issues were noted. The Committee, Ms. Flores and staff discussed the financial statement impact and disclosure regarding GASB Statement No. 68, Accounting and Financial Reporting for Pensions. She commended the Authority's financial staff for its professionalism over the years and congratulated Director of Finance Casenave, Senior Accounting Manager Flores, and Accounting Technician Yang on their retirements. The committee will recommend to the Board that the audit report be approved.
5. Paid Sick Leave for Unrepresented Part-time Employees- Approved.
6. County Connection Income Statements for the Three Months Ended September 30, 2015- Director Casenave reported that the actual expenses are 10.2% under the year to date budget (\$892,823). Wages, fringe benefits, services, and materials and supplies accounted for most of the variance. Information only.
7. County Connection Investment Policy-Quarterly Reporting Requirement- Director Casenave reported that the investments as of September 30, 2015 comply with the CCCTA investment policy.
8. Review of Vendor Bill, November 2015- Reviewed.
9. Legal Services Statement, September 2015- General and Labor- Approved.
10. Approve Designation of Treasurer and Auditor and Changes in Authorized Signatories for Union Bank- Director Casenave reported that Director Cheung will assume her position on December 30th with her retirement and the Committee recommends approval of Director Cheung as the Treasurer and Auditor for CCCTA. Also, authorize the following four personnel and positions as check signors: General Manager, Director of Finance, Senior Accounting Manager, and Director of Planning and Marketing, respectively, to sign checks on any Union Bank account: Rick Ramacier, Erick Cheung, Karol McCarty and Anne Muzzini. Approved.

11. Adjournment- The meeting was adjourned. The next meeting is scheduled for Wednesday, January 6, 2016 at 9:00 a.m.

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Erick Cheung, Director of Finance

**To:** Administration & Finance Committee

**Date:** 01/06/2016

**From:** Anne Muzzini, Director of Planning & Marketing

**Reviewed by:**

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**SUBJECT: Prop 1 B Transit Security Funding FY 2015-16**

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### **Background:**

The Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006, otherwise known as Proposition 1B provides funding for the California Transit Security Grant Program (TSGP). Funds from this source are made available to project sponsors in California for capital security and safety projects. Funds programmed for County Connection's use amount to \$116,919 each year. In the past funds have been used for perimeter security (lighting), ITS routers on the bus, on-board cameras, and maintenance of the ITS system.

Coming up with capital projects that can be categorized as security projects each year is a challenge. Since 2013 we have used these funds to support ongoing maintenance of our radio, onboard computer, CAD/AVL, and BusTime systems. This is an allowable TSGP expense because the funds are going to maintain a capital system that is directly related to security.

### **Recommendation:**

Staff is proposing to apply for a grant amount of \$116,919 in FY 2015-16 TSGP funds to defray the ongoing maintenance expenses related to the ITS systems.

### **Financial Implications:**

Using FY 2015-16 TSGP funds to pay for ongoing ITS maintenance expenses will directly offset operating expenses. The funds previously were only used to support one-time capital expenses.

**RESOLUTION NO. 2016-\_\_\_**

**CENTRAL CONTRA COSTA TRANSIT AUTHORITY  
BOARD OF DIRECTORS**

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**AUTHORIZATION TO REQUEST AN ALLOCATION OF  
FISCAL YEAR 2015-16 PROPOSITION 1B CALIFORNIA TRANSIT  
SECURITY GRANT PROGRAM FUNDS**

WHEREAS, the County of Contra Costa and the Cities of Clayton, Concord, the Town of Danville, Lafayette, Martinez, the Town of Moraga, Orinda, Pleasant Hill, San Ramon and Walnut Creek (hereinafter “Member Jurisdictions”) have formed the Central Contra Costa Transit Authority (“CCCTA”), a joint exercise of powers agency created under California Government Code Section 6500 et seq., for the joint exercise of certain powers to provide coordinated and integrated public transportation services within the area of its Member Jurisdictions; and

WHEREAS, the California Transit Security Grant Program (CTSGP) is a funding program that is part of the Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006, otherwise known as Proposition 1B, which was approved by California voters on November 7, 2006; and

WHEREAS, the State Controller develops an annual list with the amounts that each eligible project sponsor is programmed to receive; and

WHEREAS, in Fiscal Year (FY) 2016, the Central Contra Costa Transit Authority is programmed to receive \$116,919; and

WHEREAS, Central Contra Costa Transit Authority recognizes that it is responsible for compliance with all Cal OES CTSGP grant assurances, and state and federal laws, including, but not limited to, laws governing the use of bond funds; and

WHEREAS, Cal OES requires Central Contra Costa Transit Authority to complete and submit a Governing Body Resolution for the purposes of identifying agent(s) authorized to act on behalf of Central Contra Costa Transit Authority to execute actions necessary to obtain CTSGP funds from Cal OES and ensure continued compliance with Cal OES CTSGP assurances, and state and federal laws.

WHEREAS, staff recommends that the Board authorize the General Manager, or his designee, to submit an allocation request to the California Governor’s Office of Emergency Services (CalOES) and any other documents required to receive a total of \$116,919 in FY16 CTSGP funds for ITS maintenance.

NOW THEREFORE, BE IT RESOLVED by the CCCTA Board of Directors that the General Manager, or his designee, is authorized to submit an allocation request to CalOES and any other documents required to receive a total of \$116,919 in FY16 CTSGP funds for ITS maintenance; and

BE IT FURTHER RESOLVED that the General Manager, or his designee, is authorized to execute and file any assurances, certification, or furnish any additional information as CalOES may require in connection with the filing of this allocation request.

Regularly passed and adopted this 21<sup>st</sup> day of January 2016, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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Chair  
CCCTA Board of Directors

ATTEST:

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Lathina Hill, Clerk to the Board

To: Administration & Finance Committee

Date: 01/06/2016

From: Ruby Horta, Manager of Planning

Reviewed by:

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**SUBJECT: Cap and Trade Grant (LCTOP) – FY 2015-16**

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**Background:**

The Cap and Trade funding program for transit is officially titled the Low Carbon Transit Operations Program (LCTOP). The initial round of funding was available in FY 2014-15 and the funds were utilized to operate the Martinez Shuttle – Route 3. Staff proposes to use this source of funding to pay for the continuation of this service. The estimated cost of this service is \$236,300. In FY 2014-15 County Connection received a total of \$185,881 in LCTOP funds. Caltrans has released funding amounts and guidelines for grant applications for the LCTOP program. County Connection is slated to get \$123,087 in revenue-based funds for FY 2015-16 funds. Additional population-based funds could be available; however these funds are subject to MTC’s discretion. A decision has not been made as to how the population-based funds will be allocated in FY 2015-16. It is expected that MTC will finalize their decision prior to the February 1, 2016 deadline. County Connection will pursue all funds available to operate the Martinez Shuttle – Route 3.

Martinez Shuttle - Route 3		
	FY 14-15	FY 15-16
Revenue-based	\$ 40,496	\$ 123,087
Population-based	\$ 145,385	TBD
<b>Subtotal</b>	<b>\$ 185,881</b>	<b>\$ 123,087</b>
Local funds	\$ 50,419	TBD
<b>Total</b>	<b>\$ 236,300</b>	<b>\$ 236,300</b>

**Recommendation:**

Staff is proposing to apply for all funding available to County Connection under the LCTOP program to fund the operation of the Martinez Shuttle – Route 3. The Board resolutions attached will enable staff to apply for LCTOP funding to implement the Martinez Shuttle.

**Financial Implications:**

Using FY 2015-16 LCTOP funds to offset the cost of operating the Martinez Shuttle – Route 3.



**RESOLUTION NO. 2016-014**

**BOARD OF DIRECTORS, CENTRAL CONTRA COSTA TRANSIT AUTHORITY  
STATE OF CALIFORNIA**

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**AUTHORIZE EXECUTION OF THE LOW CARBON TRANSIT OPERATIONS PROGRAM  
(LCTOP) PROJECT:**

*(MARTINEZ SHUTTLE, \$236,300)*

WHEREAS, the County of Contra Costa and the Cities of Clayton, Concord, the Town of Danville, Lafayette, Martinez, the Town of Moraga, Orinda, Pleasant Hill, San Ramon and Walnut Creek (hereinafter "Member Jurisdictions") have formed the Central Contra Costa Transit Authority ("CCCTA"), a joint exercise of powers agency created under California Government Code Section 6500 *et seq.*, for the joint exercise of certain powers to provide coordinated and integrated public transportation services within the area of its Member Jurisdictions;

**WHEREAS**, the CCCTA is an eligible project sponsor and may receive state funding from the Low Carbon Transit Operations Program (LCTOP) now or sometime in the future for transit projects; and

**WHEREAS**, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

**WHEREAS**, Senate Bill 862 (2014) named the Department of Transportation (Department) as the administrative agency for the LCTOP; and

**WHEREAS**, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies); and

**WHEREAS**, the CCCTA wishes to implement the LCTOP project(s) listed above,

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the CCCTA that the fund recipient agrees to comply with all conditions and requirements set forth in the applicable statutes, regulations and guidelines for all LCTOP funded transit projects.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the CCCTA that it hereby authorizes the submittal of the following project nomination(s) and allocation request(s) to the Department in FY 2015-16 LCTOP funds:

*List project(s), including the following information:*

*Project Name: Martinez Shuttle*

*Amount of LCTOP funds requested: \$\_\_\_\_\_ (to be determined)*

*Short description of project: Martinez Shuttle service connects residents in the DAC in Martinez with shopping and health and human services.*

*Contributing Sponsors (if applicable): N/A*

Regularly passed and adopted this 21<sup>st</sup> day of January 2016, by the following vote:

AYES:

NOES:

ABSTENTIONS:

ABSENT:

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Robert Storer, Chair, Board of Directors

ATTEST:

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Lathina Hill, Clerk to the Board

**RESOLUTION NO. 2016-015**

**BOARD OF DIRECTORS, CENTRAL CONTRA COSTA TRANSIT AUTHORITY  
STATE OF CALIFORNIA**

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**AUTHORIZE EXECUTION OF THE CERTIFICATIONS AND ASSURANCES FOR  
THE LOW CARBON TRANSIT OPERATIONS PROGRAM**

WHEREAS, the County of Contra Costa and the Cities of Clayton, Concord, the Town of Danville, Lafayette, Martinez, the Town of Moraga, Orinda, Pleasant Hill, San Ramon and Walnut Creek (hereinafter "Member Jurisdictions") have formed the Central Contra Costa Transit Authority ("CCCTA"), a joint exercise of powers agency created under California Government Code Section 6500 *et seq.*, for the joint exercise of certain powers to provide coordinated and integrated public transportation services within the area of its Member Jurisdictions;

WHEREAS, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations;

WHEREAS, Senate Bill 862 (2014) named the Department of Transportation (Department) as the administrative agency for the Low Carbon Transit Operations Program (LCTOP);

WHEREAS, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies);

WHEREAS, CCCTA desires to apply for LCTOP funds for the proposed Martinez Shuttle, as recommended in the Adaptive Service Plan adopted by the Board, in furtherance of CCCTA's public transportation purposes; and

WHEREAS, the Administration & Finance Committee has recommended that the Board authorize staff to apply for LCTOP funds and delegate authorization to execute necessary grant documents and any amendments thereto, to the General Manager, Director of Planning and Marketing, and the Director of Maintenance; and

NOW THEREFORE, BE IT RESOLVED by the Board of Directors of the Central Contra Costa Transit Authority that staff is hereby authorized to seek LCTOP funding for the Martinez Shuttle; and

BE IT FURTHER RESOLVED that in furtherance thereof, the General Manager, Director of Planning and Marketing, and Director of Maintenance be authorized to execute all required documents of the LCTOP program and any amendments thereto with the California Department of Transportation.

Regularly passed and adopted this 21<sup>st</sup> day of January 2016, by the following vote:

AYES:

NOES:

ABSTENTIONS:

ABSENT:

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Robert Storer, Chair, Board of Directors

ATTEST:

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Lathina Hill, Clerk to the Board

# County Connection

## INTER OFFICE MEMO

To: Administration and Finance Committee

Date: January 6, 2015

From: Erick Cheung  
Director of Finance

Reviewed By:

**SUBJECT: PERS Actuarial Valuation for June 30, 2014; Rate for FY 2017**

### SUMMARY OF ISSUES:

The PERS Actuarial Valuation Report for the period ending June 30, 2014 was recently received. This valuation is used to set the rate for the next fiscal year and provides CCCTA's funded status. **The employer rate for FY 2017 will be 7.553%, down** from the current year's rate of 8.998%. The CCCTA's funded status improved to **99.9% funded** from 99.5% funded in the prior year.

CalPERS has projected our rates for FY 2018 through FY 2022. These projections changed from the prior year, and will most likely change next year. Below are the CalPERS current projections compared with the prior report's projections:

	Current Projection	Prior Projection
FY 2017 Actual	7.553%	9.200%
FY 2018	7.900%	9.000%
FY 2019	8.400%	8.800%
FY 2020	8.800%	8.600%
FY 2021	9.200%	8.400%
FY 2022	9.600%	

Estimates of future employer rates depend upon a variety of factors:

- Future investment returns of 7.5%.
- Payroll growth of 3%.
- Demographic assumptions including the percentage of employees that will terminate employment, retire, or pass on in each future year.

The updated projections will be used for the budget and 10 year forecast. The revised projections for FY 2017 - FY2019 are less than the prior projection. The revision does increase to 9.2% and 9.6% in FY 2021 and FY 2022, respectively. PERS forecast include revisions this year to demographic changes for improved life expectancy and the assumed rate of return for FY 2015 of 2.4%.

Several pages of the actuarial report are attached.

### Plan's Funded Status, Based on Market Value of Assets, Page 4

As stated earlier, the funded status is 99.9% with unfunded liability totaling \$39,198. The prior year funded status was 95.1%, with the unfunded liability of \$3.4 million. The main reason was the market value of assets of \$76.6 million increased \$10.8 million due to investment return of 17.7%.

### **Investment rate of return, Page 10**

It is CalPERS' policy to use a constant investment return rate (7.5%) for the actuarial report rather than the actual rate of return. This is called *asset smoothing*- the delayed recognition of part of the investment gains or losses dampens the effect of short-term market value fluctuations in setting employers' rates. The delayed recognition is smoothed over a period of 15 years, based on an actuarial value that is not less than 80% or more than 120% of market value. Because of the significant loss in FY 2009, CalPERS increased the corridor limits to 60%-140% for the FY 2012 rate and 70%-130% for the FY 2013 rate. For FY 2014 rate, the corridor limits returned to 80%-120%.

The CalPERS history of investment returns is shown on **Page 10** of the report.

### **Other Information- C-1 & C-2**

- There are 169 retirees receiving benefits
- The average annual benefit is \$14,500
- The average age of retirees is 69.24
- There are 254 active members
- The average annual payroll of the active members is \$52,036
- The covered annual payroll is \$13,217,024
- The average age for active members is 50.62
- Page C-2 includes a breakdown of the active members by age and salaries & years of service. As of June 30, 2014, 23% of the workforce was over 60 years of age.

**FINANCIAL IMPLICATIONS:** These rates will be used for the revised forecast.

**ACTION REQUESTED:** None; information only.

**ATTACHMENTS:** Selected pages of the PERS valuation report

## Required Employer Contribution

	Fiscal Year 2015-16	Fiscal Year 2016-17
<b>Actuarially Determined Employer Contributions</b>		
1. Contribution in Projected Dollars		
a) Total Normal Cost	\$ 2,063,739	\$ 2,101,687
b) Employee Contribution <sup>1</sup>	1,006,204	1,010,838
c) Employer Normal Cost [(1a) – (1b)]	1,057,535	1,090,849
d) Unfunded Liability Contribution	236,093	0
e) Required Employer Contribution [(1c) + (1d)]	\$ 1,293,628	\$ 1,090,849
Projected Annual Payroll for Contribution Year	\$ 14,378,455	\$ 14,442,599
2. Contribution as a Percentage of Payroll		
a) Total Normal Cost	14.353%	14.552%
b) Employee Contribution <sup>1</sup>	6.998%	6.999%
c) Employer Normal Cost [(2a) – (2b)]	7.355%	7.553%
d) Unfunded Liability Rate	1.642%	0.000%
e) Required Employer Rate [(2c) + (2d)]	8.997%	7.553%
<b>Minimum Employer Contribution Rate<sup>2</sup></b>	<b>8.997%</b>	<b>7.553%</b>
Annual Lump Sum Prepayment Option <sup>3</sup>	\$ 1,247,686	\$ 1,052,108

<sup>1</sup> For classic members this is the percentage specified in the Public Employees Retirement Law, net of any reduction from the use of a modified formula or other factors. For PEPRA members, the member contribution rate is based on 50 percent of the normal cost. A development of PEPRA member contribution rates can be found in Appendix D. Employee cost sharing is not shown in this report.

<sup>2</sup> The Minimum Employer Contribution Rate under PEPRA is the greater of the required employer rate or the employer normal cost. The timing of contributions made during the year coincides with the employer's payroll reporting periods. § 20572 of the Public Employees' Retirement Law assesses interest at an annual rate of 10 percent if a contracting agency fails to remit the required contributions when due.

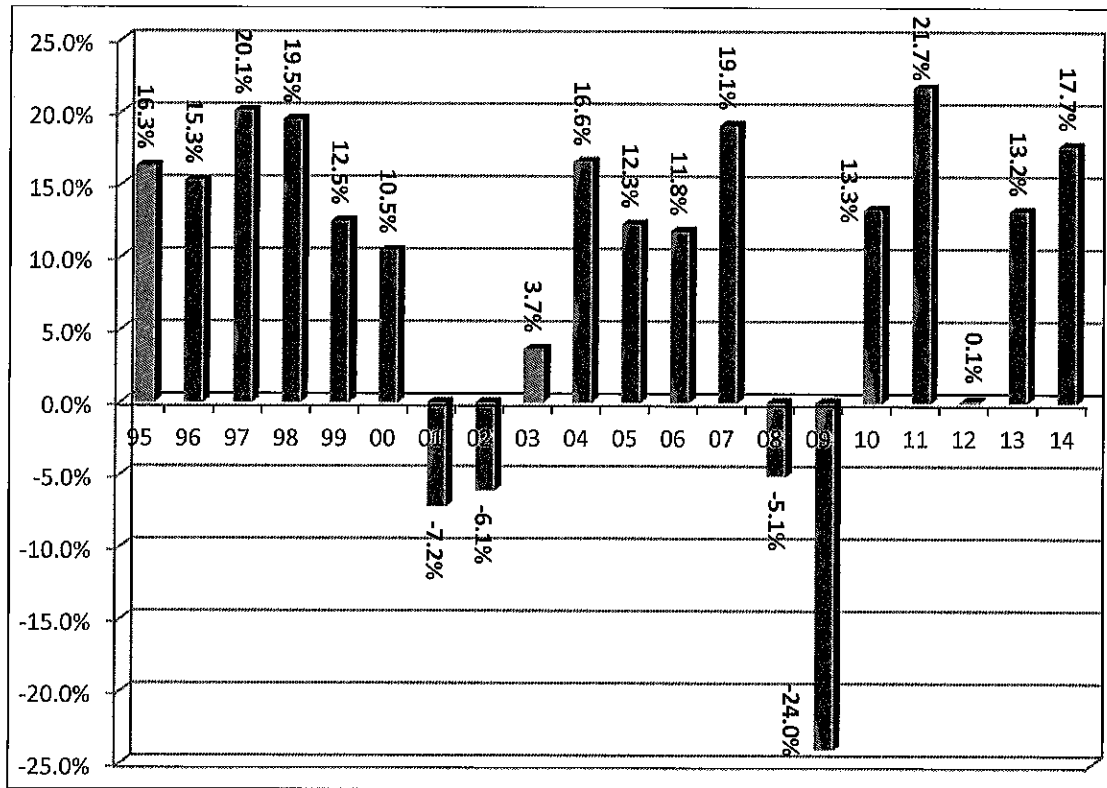
<sup>3</sup> The Annual Lump Sum Prepayment can be made between July 1 and July 15 and should be made before the contributions for the first payroll reporting period of the new fiscal year are due. If there is contractual cost sharing or other change, this amount will change.

## Plan's Funded Status

	June 30, 2013	June 30, 2014
1. Present Value of Projected Benefits	\$ 81,999,152	\$ 90,409,511
2. Entry Age Normal Accrued Liability	69,119,201	76,635,740
3. Market Value of Assets (MVA)	\$ 65,752,326	\$ 76,596,542
4. Unfunded Liability [(2) – (3)]	\$ 3,366,875	\$ 39,198
5. Funded Ratio [(3) / (2)]	95.1%	99.9%

## CalPERS History of Investment Returns

The following is a chart with the 20-year historical annual returns of the Public Employees Retirement Fund for each fiscal year ending on June 30. Beginning in 2002, the figures are reported as gross of fees.



The table below shows historical geometric mean annual returns of the Public Employees Retirement Fund for various time periods ending on June 30, 2014, (figures are reported as gross of fees). The geometric mean rate of return is the average rate per period compounded over multiple periods. It should be recognized that in any given year the rate of return is volatile. Although the expected rate of return on the recently adopted new asset allocation is 7.5 percent, the portfolio has an expected volatility of 11.76 percent per year. The volatility is a measure of the risk of the portfolio expressed in the standard deviation of the fund's total return distribution, expressed in percent. Consequently when looking at investment returns it is more instructive to look at returns over longer time horizons.

History of CalPERS Geometric Mean Rates of Return and Volatilities					
	1 year	5 year	10 year	20 year	30 year
Geometric Return	17.7%	13.0%	7.1%	8.4%	10.1%
Volatility	-	8.1%	14.0%	11.9%	11.4%



## Summary of Valuation Data

	June 30, 2013	June 30, 2014
<b>1. Active Members</b>		
a) Counts	256	254
b) Average Attained Age	51.56	50.62
c) Average Entry Age to Rate Plan	37.49	37.02
d) Average Years of Service	14.07	13.60
e) Average Annual Covered Pay	\$ 51,400	\$ 52,036
f) Annual Covered Payroll	13,158,323	13,217,024
g) Projected Annual Payroll for Contribution Year	14,378,455	14,442,599
h) Present Value of Future Payroll	94,853,300	100,022,764
<b>2. Transferred Members</b>		
a) Counts	26	25
b) Average Attained Age	49.39	50.92
c) Average Years of Service	2.57	2.24
d) Average Annual Covered Pay	\$ 67,426	\$ 67,633
<b>3. Terminated Members</b>		
a) Counts	101	104
b) Average Attained Age	51.75	51.97
c) Average Years of Service	3.53	2.96
d) Average Annual Covered Pay	\$ 37,137	\$ 36,878
<b>4. Retired Members and Beneficiaries</b>		
a) Counts	155	169
b) Average Attained Age	68.77	69.24
c) Average Annual Benefits	\$ 12,757	\$ 14,500
<b>5. Active to Retired Ratio [(1a) / (4a)]</b>	1.65	1.50

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Average Annual Benefits represents benefit amounts payable by this plan only. Some members may have service with another agency and would therefore have a larger total benefit than would be included as part of the average shown here.

## Active Members

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

### Distribution of Active Members by Age and Service

Years of Service at Valuation Date							
Attained Age	0-4	5-9	10-14	15-19	20-25	25+	Total
15-24	3	0	0	0	0	0	3
25-29	5	2	0	0	0	0	7
30-34	10	4	1	0	0	0	15
35-39	13	6	11	2	0	0	32
40-44	7	8	5	1	1	0	22
45-49	7	4	11	7	2	0	31
50-54	4	6	10	7	8	10	45
55-59	11	2	8	6	5	8	40
60-64	1	4	11	6	5	9	36
65 and over	1	2	3	5	5	7	23
<b>All Ages</b>	62	38	60	34	26	34	254

59 employees - 60 and over or 23%

### Distribution of Average Annual Salaries by Age and Service

Years of Service at Valuation Date							
Attained Age	0-4	5-9	10-14	15-19	20-25	25+	Average
15-24	\$39,026	\$0	\$0	\$0	\$0	\$0	\$39,026
25-29	49,383	53,992	0	0	0	0	50,700
30-34	43,680	48,436	61,221	0	0	0	46,118
35-39	52,440	47,682	53,813	54,435	0	0	52,145
40-44	42,790	50,381	70,366	48,530	53,170	0	52,550
45-49	44,701	48,530	47,994	64,705	48,530	0	51,127
50-54	41,525	54,262	45,066	46,343	72,046	54,877	53,153
55-59	40,661	53,911	47,741	44,236	63,159	71,337	52,223
60-64	46,512	67,276	52,227	44,292	47,591	51,587	51,614
65 and over	64,298	53,502	48,530	64,123	56,807	54,738	56,726
<b>All Ages</b>	\$45,470	\$52,487	\$51,427	\$52,544	\$60,168	\$57,851	\$52,036