



THE SEGAL COMPANY

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November 9, 2006

Board of Retirement  
Los Angeles City Employees' Retirement System  
360 East Second Street, 8th Floor  
Los Angeles, CA 90012

Re: **June 30, 2006 Actuarial Valuations**

Dear Board Members:

Enclosed please find the June 30, 2006 actuarial valuations for the retirement and the health programs.

As requested by the System, we have attached the following supplemental schedules:

- Exhibit A - Summary of significant results for the two programs.
- Exhibit B - History of computed contribution rates for the two programs.
- Exhibit C - Solvency test for the retirement program.
- Exhibit D - Schedule of retirees and beneficiaries added to and removed from the rolls for the retirement program.

We look forward to discussing the reports and the enclosed schedules with you and the Board.

Sincerely,

Paul Angelo, FSA, MAAA, EA  
Vice President and Consulting Actuary

Paul Poon, ASA, EA  
Associate Actuary

Andy Yeung, ASA, MAAA, EA  
Associate Actuary

PXP:gxk  
Enclosure

201720v1/05806.002

## Exhibit A

### Los Angeles City Employees' Retirement System Summary of Significant Valuation Results

	<u>June 30, 2006</u>	<u>June 30, 2005</u>	<u>Percent Change</u>
<b>I. Total Membership</b>			
A. Active Members	28,839	27,333	5.5%
B. Pensioner	14,570	14,322	1.7%
<b>II. Valuation Salary</b>			
A. Total Annual Payroll	\$1,733,339,536	\$1,589,305,846	9.1%
B. Average Monthly Salary	5,009	4,846	3.4%
<b>III. Benefits to Current Retirees and Beneficiaries*</b>			
A. Total Annual Benefits	\$455,712,924	\$427,953,132	6.5%
B. Average Monthly Benefit Amount	2,606	2,490	4.7%
<b>IV. Total System Assets**</b>			
A. Actuarial Value	\$8,686,104,097	\$8,105,746,091	7.2%
B. Market Value	9,285,478,072	8,331,756,497	11.4%
<b>V. Unfunded Actuarial Accrued Liability (UAAL)</b>			
A. Retirement Benefits	\$2,195,663,013	\$2,128,382,740	3.2%
B. Health Subsidy Benefits	740,529,235	825,520,669	-10.3%

\* Includes July COLA.

\*\* Includes assets for Retirement, Health, Family Death, and Larger Annuity Benefits.

**Exhibit A (continued)**

**Los Angeles City Employees' Retirement System  
Summary of Significant Valuation Results**

<b>VI. Budget Items</b>	<b><u>FY 2007-2008</u></b>		<b><u>FY 2006-2007</u></b>		<b><u>Change</u></b>	
	Beginning of Year	End of Pay Periods	Beginning of Year	End of Pay Periods	Beginning of Year	End of Pay Periods
A. Retirement Benefits						
1. Normal Cost as a Percent of Pay	9.13%	9.48%	9.22%	9.57%	-0.09%	-0.09%
2. Amortization of UAAL	<u>7.41%</u>	<u>7.70%</u>	<u>7.64%</u>	<u>7.94%</u>	<u>-0.23%</u>	<u>-0.24%</u>
3. Total Retirement Contribution	16.54%	17.18%	16.86%	17.51%	-0.32%	-0.33%
B. Health Subsidy Contribution						
1. Normal Cost as a Percent of Pay	3.87%	4.02%	4.16%	4.32%	-0.29%	-0.30%
2. Amortization of UAAL	<u>2.38%</u>	<u>2.47%</u>	<u>2.84%</u>	<u>2.95%</u>	<u>-0.46%</u>	<u>-0.48%</u>
3. Total Retirement Contribution	6.25%	6.49%	7.00%	7.27%	-0.75%	-0.78%
C. Total Contribution (A+B)	22.79%	23.67%	23.86%	24.78%	-1.07%	-1.11%
<b>VII Funded Ratio</b>	<b><u>June 30, 2006</u></b>		<b><u>June 30, 2005</u></b>		<b><u>Change</u></b>	
(Based on Valuation Value of Assets)						
A. Retirement Benefits		77.8%		77.2%		0.6%
B. Healthy Subsidy Benefits		57.2%		52.0%		5.2%
C. Total		74.7%		73.2%		1.5%
(Based on Market Value of Assets)						
D. Retirement Benefits		83.1%		79.3%		3.8%
E. Health Subsidy Benefits		61.2%		53.4%		7.8%
F. Total		79.8%		75.3%		4.5%

## **Exhibit B**

### **Los Angeles City Employees' Retirement System Computed Contribution Rates\* – Historical Comparison**

<b><u>Valuation Date</u></b>	<b><u>Retirement</u></b>	<b><u>Health</u></b>	<b><u>Total</u></b>	<b><u>Valuation Payroll (thousands)</u></b>
06/30/1994	12.07%	2.99%	15.06%	\$884,951
06/30/1995	7.34%	2.30%	9.64%	911,292
06/30/1996	6.51%	3.18%	9.69%	957,423
06/30/1997	6.57%	1.85%	8.42%	990,616
06/30/1998	6.43%	1.27%	7.70%	1,011,857
06/30/1999	4.93%	0.67%	5.60%	1,068,124
06/30/2000	2.54%	2.17%	4.71%	1,182,203
06/30/2001	3.84%	1.98%	5.82%	1,293,350
06/30/2002	9.22%	1.85%	11.07%	1,334,335
06/30/2003	11.95%	4.02%	15.97%	1,405,058
06/30/2004	14.76%	4.94%	19.70%	1,575,285
06/30/2005	17.51%	7.27%	24.78%	1,589,306
06/30/2006	17.18%	6.49%	23.67%	1,733,340

\* Contributions are assumed to be made at the end of the pay period.

## Exhibit C

### Los Angeles City Employees' Retirement System Solvency Test for Retirement Benefits For Years Ended June 30

(\$ In Thousands)

Valuation Date	Aggregate Actuarial Accrued Liabilities For			Valuation Value of Assets	Portion of Accrued Liabilities Covered by Reported Assets		
	(1) Member Contributions	(2) Retirees, Beneficiaries, & Deferred Vesteds	(3) Active Members		(1) Member Contributions	(2) Retirees, Beneficiaries, & Deferred Vesteds	(3) Active Member
06/30/1996	\$637,737	\$2,357,798	\$1,480,489	\$4,468,433	100.0%	100.0%	99.5%
06/30/1997	683,048	2,598,432	1,604,857	4,802,509	100.0	100.0	94.8
06/30/1998	733,680	2,772,712	1,806,526	5,362,923	100.0	100.0	100.0
06/30/1999	776,617	2,989,218	1,918,751	5,910,948	100.0	100.0	100.0
06/30/2000	827,729	3,149,392	2,035,810	6,561,365	100.0	100.0	100.0
06/30/2001	889,658	3,444,240	2,134,168	6,988,782	100.0	100.0	100.0
06/30/2002	950,002	3,756,935	2,545,181	7,060,188	100.0	100.0	92.5
06/30/2003	1,005,888	4,021,213	2,632,745	6,999,647	100.0	100.0	74.9
06/30/2004	1,062,002	4,348,252	3,123,610	7,042,108	100.0	100.0	52.2
06/30/2005	1,128,101	4,858,932	3,334,492	7,193,142	100.0	100.0	36.2
06/30/2006	1,210,246	5,149,385	3,511,031	7,674,999	100.0	100.0	37.5

## Exhibit D

### Los Angeles City Employees' Retirement System Retirees and Beneficiaries Added To and Removed From the Rolls\* For Years Ended June 30

<u>Year Ended</u>	<u>No. of New Retirees/ Beneficiaries</u>	<u>Annual Allowances Added**</u>	<u>No. of Retirees/ Beneficiaries Removed</u>	<u>Annual Allowances Removed</u>	<u>No. of Retirees/ Beneficiaries at 6/30</u>	<u>Annual Allowances at 6/30</u>	<u>Percent Increase in Annual Allowances</u>	<u>Average Annual Allowance</u>
6/30/2001	773	\$22,866,958	466	\$6,436,730	13,365	\$316,057,216	8.6%	\$23,648
6/30/2002	844	23,740,829	620	11,316,344	13,589	336,437,038	6.4%	24,758
6/30/2003	827	24,729,535	611	12,008,132	13,805	359,036,215	6.7%	26,008
6/30/2004	986	53,452,133	654	13,220,316	14,137	399,268,032	11.2%	28,243
6/30/2005	934	43,454,836	749	14,769,736	14,322	427,953,132	7.2%	29,881
6/30/2006	890	42,821,079	642	15,061,287	14,570	455,712,924	6.5%	31,277

\* Does not include Family Death Benefit Insurance Plan members. Table based on valuation data.

\*\* Effective 06/30/2004, also includes the COLA granted in July.

LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

*Actuarial Valuation and Review  
as of June 30, 2006*

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THE PARENT OF THE SEGAL COMPANY  
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*November 8, 2006*

*Board of Administration  
Los Angeles City Employees' Retirement System  
360 East Second Street, 8th Floor  
Los Angeles, CA 90012*

*Dear Board Members:*

*We are pleased to submit this Actuarial Valuation and Review as of June 30, 2006. It summarizes the actuarial data used in the valuation, establishes the funding requirements for fiscal 2007/2008 and analyzes the preceding year's experience.*

*The census information on which our calculations were based and the financial information were provided by LACERS. That assistance is gratefully acknowledged. The actuarial calculations were completed under the supervision of Paul C. Poon, ASA, MAAA, Enrolled Actuary and Andy Yeung, ASA, MAAA, Enrolled Actuary.*

*This actuarial valuation has been completed in accordance with generally accepted actuarial principles and practices. To the best of our knowledge, the information supplied in this actuarial valuation is complete and accurate. Further, in our opinion, the assumptions as approved by the Board of Administration are reasonably related to the experience of and the expectations for the Plan.*

*We look forward to reviewing this report at your next meeting and to answering any questions.*

*Sincerely,*

*THE SEGAL COMPANY*

By: \_\_\_\_\_  
*Paul Angelo, FSA, MAAA, EA  
Senior Vice President and Actuary*

\_\_\_\_\_  
*Paul C. Poon, ASA, MAAA, EA  
Associate Actuary*

\_\_\_\_\_  
*Andy Yeung, ASA, MAAA, EA  
Associate Actuary*

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## SECTION 1

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## SECTION 1: Valuation Summary for the Los Angeles City Employees' Retirement System

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### Purpose

This report has been prepared by The Segal Company to present a valuation of the Los Angeles City Employees' Retirement System as of June 30, 2006. The valuation was performed to determine whether the assets and contributions are sufficient to provide the prescribed benefits. The contribution requirements presented in this report are based on:

- The benefit provisions of the Pension Plan, as administered by the Board of Administration;
- The characteristics of covered active members, inactive vested members, and retired members and beneficiaries as of June 30, 2006, provided by LACERS;
- The assets of the Plan as of June 30, 2006, provided by LACERS;
- Economic assumptions regarding future salary increases and investment earnings; and
- Other actuarial assumptions, regarding employee terminations, retirement, death, etc.

### Significant Issues in Valuation Year

The following key findings were the result of this actuarial valuation:

- The ratio of the valuation value of assets to actuarial accrued liabilities increased from 77.17% to 77.76%. The unfunded actuarial accrued liability has increased from \$2,128.4 million to \$2,195.7 million. A complete reconciliation of the System's unfunded actuarial accrued liability is provided in Section 3, Exhibit G.
- The aggregate employer rate calculated in this valuation has decreased from 17.51% of payroll to 17.18% of payroll. The decrease was due to: (i) amortization costs being spread out over a higher than expected payroll base, (ii) slightly higher than expected return on the valuation value of assets, and (iii) other actuarial experience.
- As indicated in Section 2, Subsection B of this report, the total unrecognized investment gain as of June 30, 2006 is \$599,373,975 for the assets for Retirement, Health, Family Death, and Larger Annuity Benefits. This investment gain will be recognized in the determination of the actuarial value of assets for funding purposes in the next few years. This implies that earning the assumed rate of investment return of 8.00% per year (net of expenses) on a market value basis will result in investment gains on the actuarial value of assets in the next few years. Therefore, if the actual market return is equal to the assumed 8.00% rate and all other actuarial assumptions are met, the contribution requirements would decrease in each of the next few years.

## SECTION 1: Valuation Summary for the Los Angeles City Employees' Retirement System

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- As instructed by the Board of Administration, the recommended contribution is set equal to the greater of the current funding policy or the minimum Annual Required Contribution (ARC) as determined under GASB Statements 25 and 27. We have included in the calculation of the recommended contribution an additional contribution due to the application of the 40-year minimum amortization requirement for both fiscal year 2003/2004 and fiscal year 2004/2005.

A Net Pension Obligation (NPO) was created in the June 30, 2004 and June 30, 2005 valuations due to: (1) the phase-in of the higher contribution rate required from the 2002 experience study and (2) the GASB requirement that the Unfunded Actuarial Accrued Liability (UAAL) of the Plan be amortized over an equivalent period of not greater than 40 years. Since (1) is already included in the development of the Plan's actual UAAL, the ARC calculation requires only an additional contribution to amortize (2) over a period of 15 years. In the June 30, 2006 valuation, there are 13 years of payments left in the amortization of (2) from the June 30, 2004 valuation and 14 years of payments left in the amortization of (2) from the June 30, 2005 valuation.

Due to the one-year lag in implementing the contribution rates, the amortization of the NPO created in the June 30, 2004 valuation has only begun with the 2005/2006 fiscal year. Additional details are provided in Section 4, Exhibit V. As will be shown in next year's valuation, the amortization of the NPO created in the June 30, 2005 valuation will begin with the 2006/2007 fiscal year.

- The employer and employee contribution rates developed in this report are before any adjustments to reflect the City's pickup of part of the employee contributions for those hired before January 1, 1983. Since all of the employees hired before January 1, 1983 are vested and entitled to collect a pension benefit from the Plan, we recommend that the City take no discount on the pickup of employee contributions as only a minimal amount, if any, of contributions are expected to be refunded to those members.
- The actuarial valuation report as of June 30, 2006 is based on financial information as of that date. Changes in the value of assets subsequent to that date, to the extent that they exist, are not reflected. Declines in asset values will increase the actuarial cost of the Plan, while increases will decrease the actuarial cost of the Plan.
- The Board has adopted a policy of amortizing the June 30, 2005 UAAL over a fixed period of 30 years beginning July 1, 2005. The UAALs arising from the phase-in of contribution rates for the 2002 experience study (for fiscal year 2003/2004 and 2004/2005) were excluded from this 30-year amortization policy. Future changes in the UAAL will be separately identified and amortized over various periods depending on the source of the change. A new 15-year amortization base was established in the June 30, 2006 valuation for an experience loss during 2005-2006. See Section 3, Exhibit H for details.

**SECTION 1: Valuation Summary for the Los Angeles City Employees' Retirement System**

**Summary of Key Valuation Results**

	<b>2006</b>	<b>2005</b>
<b>Contributions calculated as of June 30:</b>		
Recommended as a percent of pay (note there is a 12-month delay until the rate is effective)		
At the beginning of year	16.54%	16.86%
At the end of each pay period	17.18%	17.51%
<b>Funding elements for plan year beginning July 1:</b>		
Normal cost	\$270,276,764	\$249,462,452
Market value of assets*	9,285,478,072	8,331,756,497
Actuarial value of assets*	8,686,104,097	8,105,746,091
Valuation value of retirement assets	7,674,999,374	7,193,142,227
Actuarial accrued liability	9,870,662,387	9,321,524,967
Unfunded actuarial accrued liability	2,195,663,013	2,128,382,740
Funded ratio	77.76%	77.17%
<b>GASB 25/27 for fiscal year ending June 30:</b>		
Annual required contributions	\$227,740,600	\$183,241,489
Actual contributions	227,740,600	158,131,638
Percentage contributed	100.0%	86.30%
<b>Demographic data for plan year beginning July 1:</b>		
Number of retired members and beneficiaries	14,570	14,322
Number of vested former members	2,903	2,426
Number of active members	28,839	27,333
Projected total payroll	\$1,733,339,536**	\$1,589,305,846
Projected average payroll	60,104**	58,146

\*Includes assets for Retirement, Health, Family Death and Larger Annuity Benefits.

\*\*For 2006, reflects annualized salaries for part-time members.

**SECTION 1: Valuation Summary for the Los Angeles City Employees' Retirement System**

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**Actuarial Certification**

November 8, 2006

This is to certify that The Segal Company has conducted an actuarial valuation of the Los Angeles City Employees' Retirement System retirement program as of June 30, 2006, in accordance with generally accepted actuarial principles and practices. Actuarial valuations are performed annually for this retirement program with the last valuation completed on June 30, 2005. The actuarial calculations presented in this report have been made on a basis consistent with our understanding of the historical funding methods used in determination of the liability for retirement benefits.

The actuarial valuation is based on the plan of benefits verified by LACERS and on participant and financial data provided by LACERS.

The actuarial computations made are for funding plan benefits and for satisfying the financial accounting requirements under GASB Statements No. 25 and 27. Accordingly, additional determinations will be needed for other purposes, such as judging benefit security at termination.

In addition to all schedules that are shown in the actuarial section of the CAFR, a listing of supporting schedules included in the statistical and financial sections of the System's CAFR prepared by Segal is provided below:

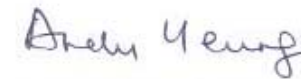
- 1) Schedule of funding progress
- 2) Schedule of employer contributions
- 3) Supplementary Information Required by the GASB (Exhibit IV)

To the best of our knowledge, this report is complete and accurate and in our opinion presents the plan's current funding information.



---

Paul Poon, ASA, MAAA, EA  
Associate Actuary



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Andy Yeung, ASA, MAAA, EA  
Associate Actuary

## SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System

### A. MEMBER DATA

The Actuarial Valuation and Review considers the number and demographic characteristics of covered members, including active members, non-vested members (entitled to a refund of member contributions) and vested terminated members, retired members and beneficiaries.

This section presents a summary of significant statistical data on these member groups.

More detailed information for this valuation year and the preceding valuation can be found in Section 3, Exhibits A, B, and C.

*A historical perspective of how the member population has changed over the past ten valuations can be seen in this chart.*

#### CHART t1

#### Member Population: 1997 – 2006

Year Ended June 30	Active Members	Vested Terminated Members*	Retired Members and Beneficiaries	Ratio of Non-Actives to Actives
1997	22,219	N/A	12,698	0.57
1998	22,091	N/A	12,591	0.57
1999	22,504	N/A	12,843	0.57
2000	24,234	N/A	13,058	0.54
2001	25,654	N/A	13,365	0.52
2002	25,930	2,327	13,589	0.61
2003	26,358	2,593	13,805	0.62
2004	27,092	2,232	14,137	0.60
2005	27,333	2,426	14,322	0.61
2006	28,839	2,903	14,570	0.61

*\*Includes terminated members due a refund of employee contributions*

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**Active Members**

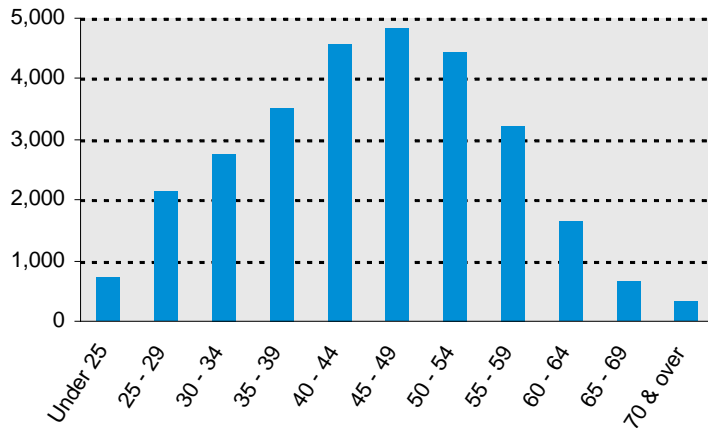
Plan costs are affected by the age, years of service and payroll of active members. In this year's valuation, there were 28,839 active members with an average age of 45.4, average years of service of 11.7 years and average payroll of \$60,104. Salaries for part-time members have been annualized. The 27,333 active members in the prior valuation had an average age of 45.6, average service of 12.0 years and average payroll of \$58,146.

**Inactive Members**

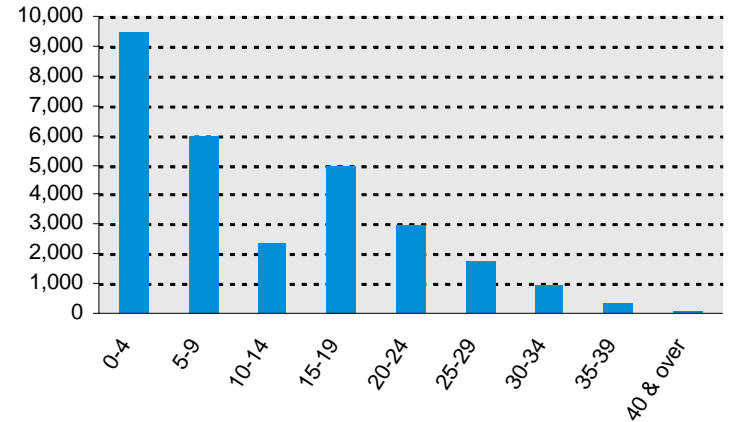
In this year's valuation, there were a total of 2,903 members who were either (a) non-vested and entitled to a refund of member contributions or (b) vested with a right to a deferred or immediate benefit.

*These graphs show a distribution of active members by age and by years of service.*

**CHART 2**  
**Distribution of Active Members by Age as of June 30, 2006**



**CHART 3**  
**Distribution of Active Members by Years of Service as of June 30, 2006**



**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

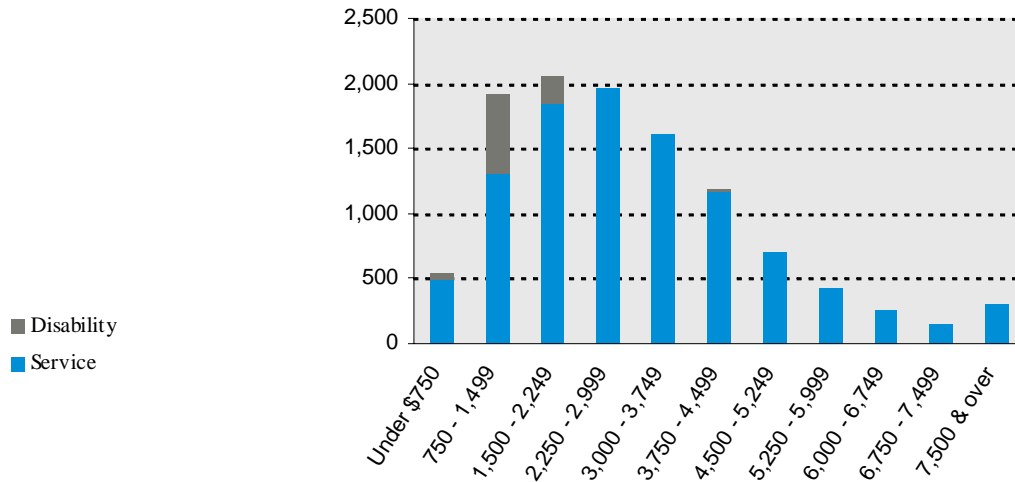
**Retired Members and Beneficiaries**

As of June 30, 2006, 11,119 retired members and 3,451 beneficiaries were receiving total monthly benefits of \$37,973,016. For comparison, in the previous valuation, there were 11,009 retired members and 3,313 beneficiaries receiving monthly benefits of \$35,665,309.

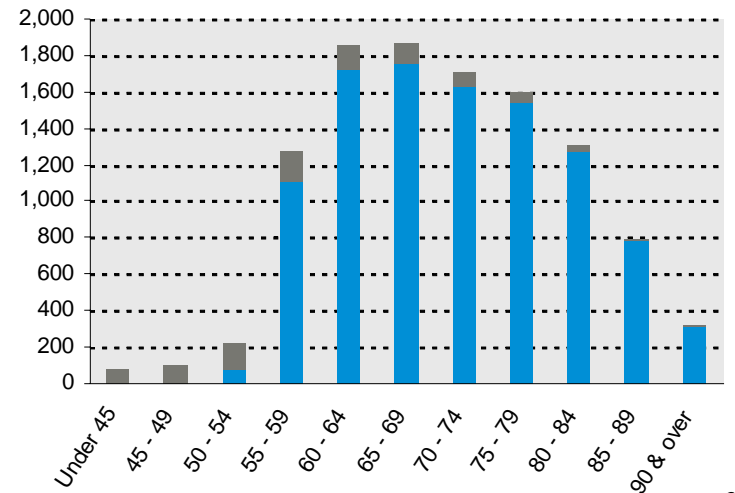
Please note that the monthly benefits provided have been adjusted for the COLA granted effective for the month of July.

*These graphs show a distribution of the current retired members based on their monthly amount and age, by type of pension.*

**CHART 4**  
**Distribution of Retired Members by Type and by Monthly Amount as of June 30, 2006**



**CHART 5**  
**Distribution of Retired Members and by Type and by Age as of June 30, 2006**





**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

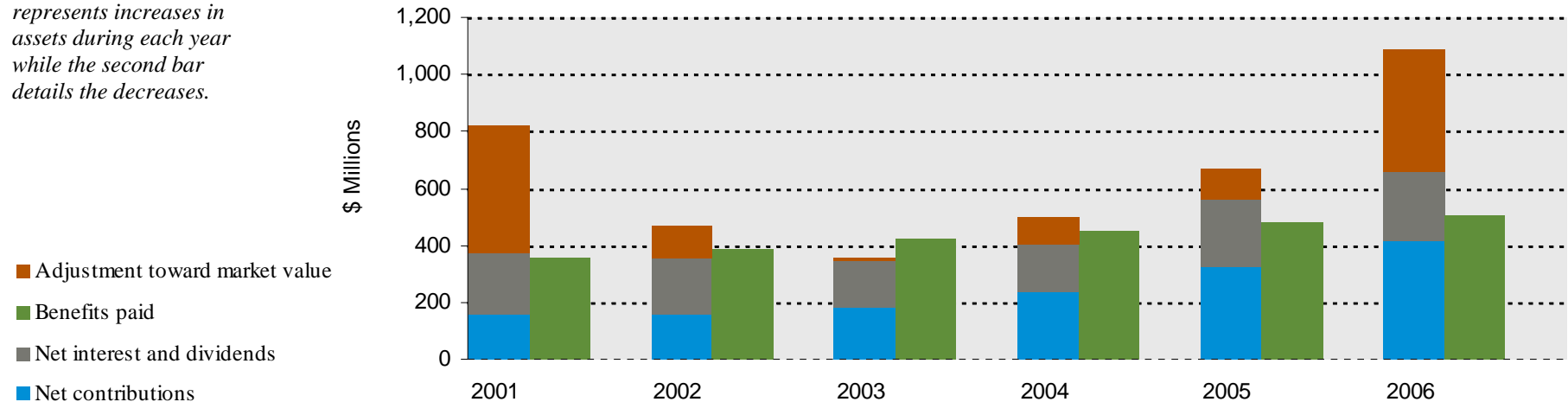
**B. FINANCIAL INFORMATION**

Retirement plan funding anticipates that, over the long term, both net contributions and net investment earnings (less investment fees and administrative expenses) will be needed to cover benefit payments.

Retirement plan assets change as a result of the net impact of these income and expense components. Additional financial information, including a summary of these transactions for the valuation year, is presented in Section 3, Exhibits D, E and F.

*The chart depicts the components of changes in the actuarial value of assets over the last six years. Note: The first bar represents increases in assets during each year while the second bar details the decreases.*

**CHART 6**  
**Comparison of Increases and Decreases in the Actuarial Value of Assets for Years Ended June 30, 2001 – 2006**



## SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System

It is desirable to have level and predictable plan costs from one year to the next. For this reason, the Board of Administration has approved an asset valuation method that gradually adjusts to market value. Under this valuation method, the full value of market fluctuations is not recognized in a single year and, as a result, the asset value and the plan costs are more stable.

The amount of the adjustment to recognize market value is treated as income, which may be positive or negative. Realized and unrealized gains and losses are treated equally and, therefore, the sale of assets has no immediate effect on the actuarial value.

*The chart shows the determination of the actuarial value of assets as of the valuation date.*

### CHART 7 Determination of Actuarial Value of Assets for Year Ended June 30, 2006

1. Market value of assets				\$9,285,478,072
	Original	Percent Not	Amount Not	
2. Calculation of unrecognized return*	<u>Amount</u>	<u>Recognized</u>	<u>Recognized</u>	
(a) Year ended June 30, 2006	\$366,478,652	80%	\$293,182,921	
(b) Year ended June 30, 2005	132,848,231	60%	79,708,939	
(c) Year ended June 30, 2004	710,820,763	40%	284,328,305	
(d) Year ended June 30, 2003	-289,230,950	20%	-57,846,190	
(e) Total unrecognized return				599,373,975
3. Preliminary actuarial value: (1) - (2e)				8,686,104,097
4. Adjustment to be within 20% corridor				0
5. Final actuarial value of assets: (3) + (4)				<u>\$8,686,104,097</u>
6. Actuarial value as a percentage of market value: (5) ÷ (1)				93.5%
7. Market value of retirement assets				\$8,204,603,306
8. Valuation value of retirement assets (5) ÷ (1) x (7)				\$7,647,999,374

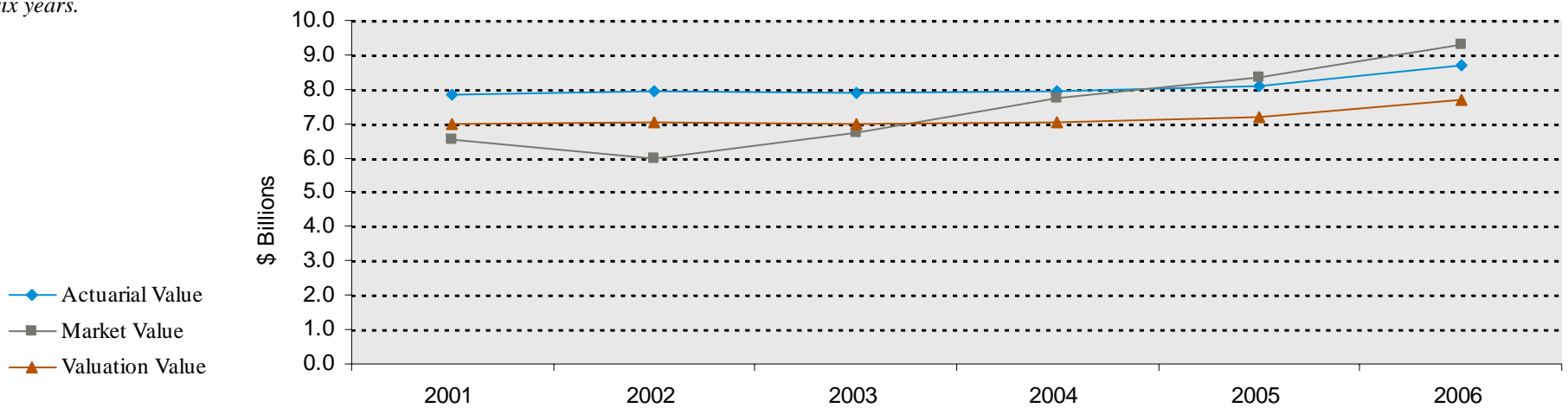
\*Total return minus expected return on a market value basis

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

The actuarial value, market value and valuation value of assets are representations of LACERS' financial status. As investment gains and losses are gradually taken into account, the actuarial value of assets tracks the market value of assets. The portion of the total actuarial value of assets allocated for retirement benefits, based on a prorated share of market value, is shown as the valuation value of assets. The valuation value of assets is significant because LACERS' liabilities are compared to these assets to determine what portion, if any, remains unfunded. Amortization of the unfunded actuarial accrued liability is an important element in determining the contribution requirement.

*This chart shows the change in the actuarial value of assets versus the market value over the past six years.*

**CHART 8**  
**Actuarial Value of Assets vs. Market Value of Assets as of June 30, 2001 – 2006**



**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**C. ACTUARIAL EXPERIENCE**

To calculate the required contribution, assumptions are made about future events that affect the amount and timing of benefits to be paid and assets to be accumulated. Each year actual experience is measured against the assumptions. If overall experience is more favorable than anticipated (an actuarial gain), the contribution requirement will decrease from the previous year. On the other hand, the contribution requirement will increase if overall actuarial experience is less favorable than expected (an actuarial loss).

Taking account of experience gains or losses in one year without making a change in assumptions reflects the belief that the single year's experience was a short-term

development and that, over the long term, experience will return to the original assumptions. For contribution requirements to remain stable, assumptions should approximate experience.

If assumptions are changed, the contribution requirement is adjusted to take into account a change in experience anticipated for all future years.

The total loss of \$24,171,862 was due mainly to a contribution loss of \$31,656,219 offset by slight gains from all other sources. The net experience variation from all sources was 0.2% of the actuarial accrued liability. A discussion of the major components of the actuarial experience is on the following pages.

*This chart provides a summary of the actuarial experience during the past year.*

**CHART 9  
Actuarial Experience for Year Ended June 30, 2006**

1. Net gain/(loss) from investments*	\$ 1,225,479
2. Net gain/(loss) from other experience**	6,258,877
3. Net loss from contributions less than anticipated due to one-year lag for new rate	<u>-31,656,219</u>
4. Net experience gain/(loss): (1) + (2) + (3)	-\$24,171,862

\* Details in Chart 10.

\*\* Details in Chart 13. The net gain is attributed to actual liability experience from June 30, 2005 through June 30, 2006, compared to the projected experience predicted by the actuarial assumptions as of June 30, 2005.

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**Investment Rate of Return**

A major component of projected asset growth is the assumed rate of return. The assumed return should represent the expected long-term rate of return, based on LACERS' investment policy. For valuation purposes, the assumed rate of return on the valuation value of assets is 8.00%. The actual rate of return on the valuation value of assets basis for the 2006 plan year was 8.02%.

Since the actual return for the year was slightly higher than the assumed return, LACERS experienced a slight actuarial gain during the year ended June 30, 2006 with regard to its investments.

*This chart shows the gain/(loss) due to investment experience.*

**CHART 10**  
**Actuarial Value Investment Experience for Year Ended June 30, 2006**

	<b>Actuarial Value</b> <b>(Includes assets for Retirement, Health, Family Death, and Larger Annuity Benefits)</b>	<b>Valuation Value</b> <b>(Includes assets for Retirement Only)</b>
1. Actual return	\$ 668,300,721	\$ 581,789,199
2. Average value of assets	8,213,810,086	7,257,046,501
3. Actual rate of return: (1) ÷ (2)	8.14%	8.02%
4. Assumed rate of return	8.00%	8.00%
5. Expected return: (2) x (4)	\$657,104,807	\$580,563,720
6. Actuarial gain/(loss): (1) – (5)	<u>\$11,195,914</u>	<u>\$1,225,479</u>

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

Because actuarial planning is long term, it is useful to see how the assumed investment rate of return has followed actual experience over time. The chart below shows the rate of return on an actuarial basis compared to the market value investment return for the Retirement, Health, Family Death and Larger Annuity Benefits assets for the last six years, including the five-year average.

Based upon this experience and future expectations, we have maintained the assumed rate of return of 8.00%.

**CHART 11**  
**Investment Return – Actuarial Value vs. Market Value: 2001 - 2006**

Year Ended June 30	Net Interest and Dividend Income		Recognition of Capital Appreciation		Actuarial Value Investment Return		Market Value Investment Return	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
2001	\$218,918,771	2.83%	\$443,656,601	5.73%	\$662,575,372	9.09%	\$218,918,771	-4.60%
2002	201,393,778	2.58%	112,813,481	1.44%	314,207,259	4.06%	201,393,778	-5.25%
2003	164,915,100	2.11%	11,691,257	0.15%	176,606,357	2.26%	238,161,856	3.61%
2004	171,166,339	2.19%	96,283,183	1.23%	267,449,522	3.42%	1,243,644,727	18.84%
2005	235,062,628	2.96%	109,661,360	1.38%	344,723,988	4.34%	753,805,403	9.71%
2006	<u>238,266,254</u>	2.90%	<u>430,034,467</u>	5.24%	<u>668,300,721</u>	8.14%	<u>1,041,664,291</u>	12.34%
Total	\$1,229,722,870		\$1,204,140,349		\$2,433,863,219		\$3,697,588,826	
					Five-year average return	4.43%		7.53%

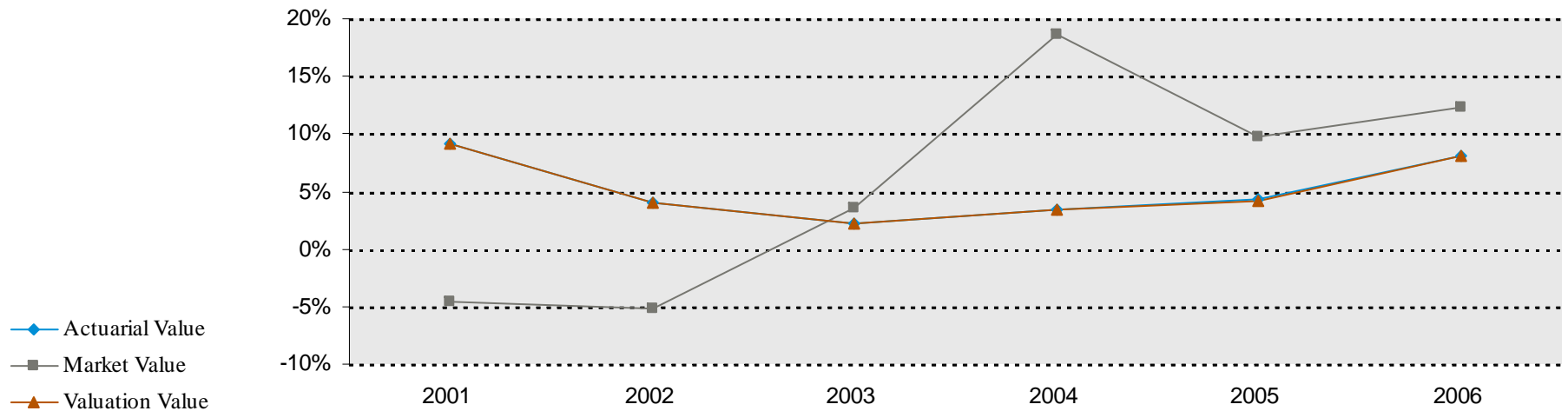
**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

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Subsection B described the actuarial asset valuation method that gradually takes into account fluctuations in the market value rate of return. The effect of this is to stabilize the actuarial rate of return, which contributes to leveling pension plan costs.

*This chart illustrates how this leveling effect has actually worked over the years 2001 - 2006 .*

**CHART 12**  
**Market and Actuarial Rates of Return for Years Ended June 30, 2001 - 2006**



**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

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**Other Experience**

There are other differences between the expected and the actual experience that appear when the new valuation is compared with the projections from the previous valuation. These include:

- the extent of turnover among the participants,
- retirement experience (earlier or later than expected),
- mortality (more or fewer deaths than expected),

- the number of disability retirements, and
- salary increases different than assumed.

The net gain from this other experience for the year ended June 30, 2006 amounted to \$6,258,878, which is 0.1% of the actuarial accrued liability.

A brief summary of the demographic gain/(loss) experience of the LACERS for the year ended June 30, 2006 is shown in the chart below.

*The chart shows elements of the experience gain/(loss) for the most recent year.*

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**CHART 13**  
**Experience Due to Changes in Demographics for Year Ended June 30, 2006**

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1. Loss due to higher than expected salary increases for continuing actives	-\$50,201,920
2. Miscellaneous gains	<u>56,460,797</u>
3. Net gain/(loss)	\$6,258,877

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**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**D. RECOMMENDED CONTRIBUTION**

The amount of annual contribution required to fund the Plan is comprised of an employer normal cost payment and a payment on the unfunded actuarial accrued liability. This total amount is then divided by the projected payroll for active members to determine the funding rate of 17.18% of payroll.

We have continued to follow last year's recommended contribution policy that adjusts the contribution requirement if the GASB ARC minimum contribution is greater than the amount prescribed below. For 2006, the beginning of year minimum GASB ARC is \$278.0 million and no additional adjustment has been made to the recommended contributions.

*The chart compares this valuation's recommended contribution with the prior valuation.*

**CHART 14**  
**Recommended Contribution**

	Year Beginning June 30			
	2006		2005	
	Amount	% of Payroll	Amount	% of Payroll
1. Total normal cost	\$270,276,764	15.59%	\$249,462,452	15.70%
2. Expected employee contributions	<u>-112,008,469</u>	<u>-6.46%</u>	<u>-103,009,993</u>	<u>-6.48%</u>
3. Employer normal cost: (1) + (2)	\$158,268,295	9.13%	\$146,452,459	9.22%
4. Actuarial accrued liability	9,870,662,387		9,321,524,967	
5. Valuation value of assets	<u>7,674,999,374</u>		<u>7,193,142,227</u>	
6. Unfunded actuarial accrued liability	\$2,195,663,013		\$2,128,382,740	
7. Amortization of unfunded accrued liability	128,361,079	7.41%	121,432,706	7.64%
8. Total recommended contribution, not adjusted for timing	<u>\$286,629,374</u>	<u>16.54%</u>	<u>\$267,885,165</u>	<u>16.86%</u>
9. Total recommended contribution, adjusted for timing*	<u>\$297,800,993</u>	<u>17.18%</u>	<u>\$278,326,214</u>	<u>17.51%</u>
10. Projected payroll used for developing normal cost rate	\$1,733,339,536		\$1,589,305,846	

\*Contributions are assumed to be paid at the end of every pay period.

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

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If paid by the City at the beginning of the year, the calculated normal cost (including expenses) is 9.13% of payroll. The remaining 7.41% of payroll will amortize the unfunded actuarial accrued liability over an equivalent single amortization period of 27 years.

The contribution rates as of June 30, 2006 are based on all of the data described in the previous sections, the actuarial assumptions described in Section 4, and the Plan provisions adopted at the time of preparation of the Actuarial Valuation.

**Reconciliation of Recommended Contribution**

The chart below details the changes in the recommended contribution from the prior valuation to the current year's valuation.

*The chart reconciles the contribution from the prior valuation to the amount determined in this valuation.*

**CHART 15**

**Reconciliation of Recommended Contribution from June 30, 2005 to June 30, 2006**

<b>Recommended Contribution as of June 30, 2005</b>	\$278,326,214
Increase on prior year amortization amounts	5,046,626
Effect of contributions (more)/less than recommended contribution	2,818,044
Effect of investment (gain)/loss	-109,092
Effect of other gains and losses on accrued liability	-557,167
Increase in employer normal cost, due to payroll and demographic changes	<u>12,276,368</u>
<b>Total change</b>	<u>\$19,474,779</u>
<b>Recommended Contribution as of June 30, 2006</b>	\$297,800,993

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**E. INFORMATION REQUIRED BY THE GASB**

Governmental Accounting Standards Board (GASB) reporting information provides standardized information for comparative purposes of governmental pension plans. This information allows a reader of the financial statements to compare the funding status of one governmental plan to another on relatively equal terms.

Critical information to GASB is the historical comparison of the GASB required contribution to the actual contributions. This comparison demonstrates whether a plan is being funded on an actuarially sound basis and in accordance with the GASB funding requirements. Chart 16 below presents a graphical representation of this information for the Plan.

The other critical piece of information regarding the Plan's financial status is the funded ratio. This ratio compares the

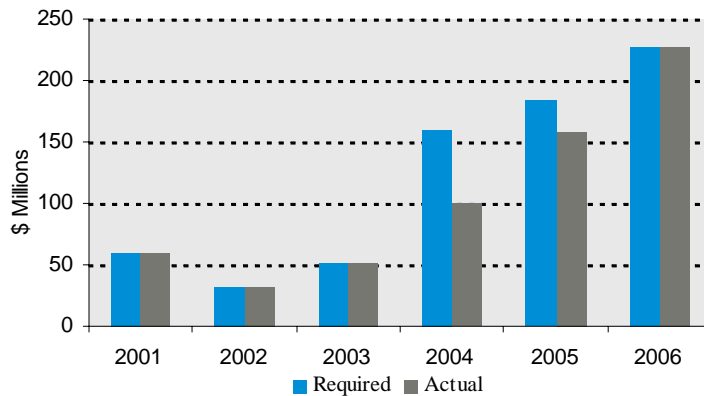
actuarial value of assets to the actuarial accrued liabilities of the plan as calculated under GASB. High ratios indicate a well-funded plan with assets sufficient to pay most benefits. Lower ratios may indicate recent changes to benefit structures, funding of the plan below actuarial requirements, poor asset performance, or a variety of other changes.

Although GASB requires that the actuarial value of assets be used to determine the funded ratio, Chart 17 shows the funded ratio calculated using both the actuarial value of assets and the market value of assets.

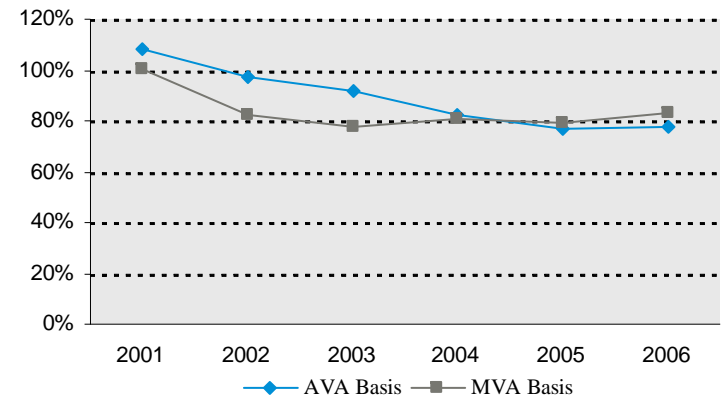
The details regarding the calculations of these values and other GASB numbers may be found in Section 4, Exhibits II, III, and IV.

*These graphs show key GASB factors.*

**CHART 16**  
**Required Versus Actual Contributions**



**CHART 17**  
**Funded Ratio**



**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT A**

**Table of Plan Coverage**

<b>Category</b>	<b>Year Ended June 30</b>		<b>Change From Prior Year</b>
	<b>2006</b>	<b>2005</b>	
<b>Active members in valuation:</b>			
Number	28,839	27,333	5.5%
Average age	45.4	45.6	N/A
Average service	11.7	12.0	N/A
Projected total payroll	\$1,733,339,536*	\$1,589,305,846	9.1%
Projected average payroll	60,104*	58,146	3.4%
Account balances	1,156,968,388	1,081,800,094	6.9%
Total active vested members	19,510	18,399	6.0%
<b>Vested terminated members:</b>			
Number	2,903	2,426	19.7%
Average age	42.7	42.6	N/A
Average contribution balance for those with under 5 years of service	\$3,555	\$3,294	7.9%
Average monthly benefit for those with 5 or more years of service	\$1,260	\$1,202	4.8%
<b>Retired members:</b>			
Number in pay status	10,234	10,147	0.9%
Average service at retirement	26.3	N/A	
Average age at retirement	59.9	60.0	N/A
Average age	71.4	71.4	N/A
Average monthly benefit (includes July COLA)	\$3,116	\$2,961	5.2%
<b>Disabled members:</b>			
Number in pay status	885	862	2.7%
Average service at retirement	12.2	N/A	
Average age at retirement	44.5	44.3	N/A
Average age	60.2	60.1	N/A
Average monthly benefit (includes July COLA)	\$1,290	\$1,236	4.4%
<b>Beneficiaries:</b>			
Number in pay status	3,451	3,313	4.2%
Average age	75.3	75.2	N/A
Average monthly benefit (includes July COLA)	\$1,433	\$1,374	4.3%

\*For 2006, reflects annualized salaries for part-time members.

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT B**

**Members in Active Service as of June 30, 2006  
By Age, Years of Service, and Average Payroll**

Age	Years of Service									
	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & over
Under 25	722	714	8	--	--	--	--	--	--	--
	\$35,701	\$35,622	\$42,740	--	--	--	--	--	--	--
25 - 29	2,137	1,744	393	--	--	--	--	--	--	--
	46,953	45,473	53,517	--	--	--	--	--	--	--
30 - 34	2,757	1,577	1,054	118	8	--	--	--	--	--
	53,982	49,927	59,047	\$62,445	\$61,301	--	--	--	--	--
35 - 39	3,529	1,355	1,155	510	486	23	--	--	--	--
	58,866	50,321	60,372	71,031	66,250	\$60,865	--	--	--	--
40 - 44	4,582	1,167	1,028	518	1,331	488	50	--	--	--
	62,393	50,554	60,446	67,574	70,451	67,518	\$60,514	--	--	--
45 - 49	4,832	1,004	808	422	1,228	913	443	14	--	--
	64,004	48,208	58,988	66,288	69,821	75,088	68,099	\$54,947	--	--
50 - 54	4,444	871	639	339	864	724	618	365	24	--
	64,974	49,786	59,214	67,431	68,931	72,611	73,368	69,623	\$75,048	--
55 - 59	3,224	508	503	237	573	442	420	375	164	2
	65,126	45,138	58,254	63,593	67,682	70,530	72,216	79,257	75,936	\$100,299
60 - 64	1,629	295	252	125	295	231	134	145	123	29
	62,972	46,864	54,168	59,618	64,113	66,779	71,232	76,930	84,731	75,596
65 - 69	650	106	84	67	133	90	59	49	39	23
	58,987	37,711	49,125	52,285	66,583	67,166	67,000	65,528	74,606	75,690
70 & over	333	101	32	40	43	40	29	15	15	18
	47,671	30,550	41,569	39,122	57,260	60,573	64,272	61,370	73,144	62,614
Total	28,839	9,442	5,956	2,376	4,961	2,951	1,753	963	365	72
	\$60,104	\$47,263	\$58,662	\$66,087	\$68,689	\$71,346	\$70,866	\$73,924	\$78,585	\$73,067

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT C**

**Reconciliation of Member Data**

	<b>Active Members</b>	<b>Vested Former Members</b>	<b>Disableds</b>	<b>Retired Members</b>	<b>Beneficiaries</b>	<b>Total</b>
Number as of June 30, 2005	27,333	2,426	862	10,147	3,313	44,081
New members	3,005	N/A	N/A	N/A	N/A	3,005
Terminations – with vested rights	-578	578	0	0	0	0
Retirements	-511	-39	N/A	550	N/A	0
New disabilities	-54	0	54	N/A	N/A	N/A
New beneficiaries	N/A	N/A	N/A	N/A	311	311
Deaths	-62	-4	-32	-500	-173	-771
Refund of member contributions	-357	-152	0	0	0	-509
Rehired	61	-60	0	-1	N/A	0
Data adjustments	<u>2</u>	<u>154*</u>	<u>1</u>	<u>38</u>	<u>0</u>	<u>195</u>
Number as of June 30, 2006	28,839	2,903	885	10,234	3,451	46,312

*\*Includes members who were both hired and terminated during the year.*

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT D**

**Summary Statement of Income and Expenses on an Actuarial Value Basis for Retirement, Health, Family Death and Larger Annuity Benefits**

	Year Ended June 30, 2006	Year Ended June 30, 2005
<b>Contribution income:</b>		
Employer contributions	\$320,399,222	\$229,136,519
Employee contributions	<u>98,262,366</u>	<u>94,268,171</u>
Net contribution income	\$418,661,588	\$323,404,690
<b>Investment income:</b>		
Interest, dividends and other income	\$268,461,511	\$263,747,032
Recognition of capital appreciation	430,034,468	109,661,360
Less investment and administrative fees	<u>-30,195,257</u>	<u>-28,684,404</u>
Net investment income	<u>668,300,721</u>	<u>344,723,988</u>
<b>Total income available for benefits</b>	<b>\$1,086,962,309</b>	<b>\$668,128,678</b>
<b>Less benefit payments:</b>		
Payment of benefits	-\$493,583,253	-\$469,212,203
Refunds of contributions	<u>-13,021,051</u>	<u>-10,679,421</u>
Net benefit payments	-\$506,604,304	-\$479,891,624
<b>Change in reserve for future benefits</b>	<b>\$580,358,005</b>	<b>\$188,237,054</b>

*Note: Results may be slightly off due to rounding.*

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT E**

**Table of Financial Information for Retirement, Health, Family Death, and Larger Annuity Benefits**

	<b>Year Ended June 30, 2006</b>	<b>Year Ended June 30, 2005</b>
<b>Cash equivalents</b>	\$460,158,677	\$486,208,221
<b>Accounts receivable:</b>		
Investment income	\$33,631,936	\$39,635,686
Proceeds from sales	40,956,282	136,080,695
Other	<u>7,878,261</u>	<u>7,530,888</u>
Total accounts receivable	82,466,479	183,247,269
<b>Investments:</b>		
Fixed Income	\$1,314,615,877	\$1,502,619,496
Equities	5,908,461,506	5,294,730,071
Real Estate and Mortgages	1,105,533,424	611,251,941
Other	<u>2,392,347,584</u>	<u>1,848,074,719</u>
Total investments at market value	<u>10,720,958,391</u>	<u>9,256,676,227</u>
<b>Total assets</b>	\$11,263,583,547	\$9,926,131,717
<b>Less accounts payable:</b>		
Accounts payable and accrued expenses	-\$24,881,849	-\$29,844,814
Purchases of investments	-306,476,731	-245,013,574
Security lending collateral	<u>-1,646,746,895</u>	<u>-1,319,516,832</u>
Total accounts payable	-\$1,978,105,475	-\$1,594,375,220
<b>Net assets at market value</b>	<u>\$9,285,478,072</u>	<u>\$8,331,756,497</u>
<b>Net assets at actuarial value</b>	<u>\$8,686,104,097</u>	<u>\$8,105,746,091</u>
<b>Net assets at valuation value (retirement benefits)</b>	<u>\$7,674,999,374</u>	<u>\$7,193,142,227</u>



**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT F**

**Development of the Fund Through June 30, 2006 for Retirement, Health, Family Death and Larger Annuity Benefits**

<b>Year Ended June 30</b>	<b>Employer Contributions</b>	<b>Employee Contributions</b>	<b>Net Investment Return*</b>	<b>Benefit Payments</b>	<b>Actuarial Value of Assets at End of Year</b>
2001	\$87,896,674	\$69,460,111	\$662,575,372	\$355,862,157	\$7,853,297,000
2002	79,467,671	75,654,360	314,207,259	387,864,290	7,934,762,000
2003	97,531,127	83,067,509	176,606,357	423,659,098	7,868,307,895
2004	140,201,349	93,417,803	267,449,522	451,867,532	7,917,509,037
2005	229,136,519	94,268,171	344,723,988	479,891,624	8,105,746,091
2006	320,399,222	98,262,366	668,300,721	506,604,304	8,686,104,097

\* *Net of investment fees and administrative expenses*

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

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**EXHIBIT G**

**Development of Unfunded Actuarial Accrued Liability for Year Ended June 30, 2006**

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1. Unfunded actuarial accrued liability at beginning of year	\$2,128,382,740
2. Normal cost at beginning of year	249,462,452
3. Total contributions	-342,130,590
4. Interest	<u>167,432,767</u>
5. Expected unfunded actuarial accrued liability	\$2,203,147,369
6. Changes due to experience gain*	-7,484,356
7. Unfunded actuarial accrued liability at end of year	<u>\$2,195,663,013</u>

\* Excludes loss from contributions less than anticipated due to one-year lag of new rates. That loss is already included in the development of item 5.

**SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System**

**EXHIBIT H**

**Table of Amortization Bases**

<b>Type*</b>	<b>Date Established</b>	<b>Initial Years</b>	<b>Initial Amount</b>	<b>Annual Payment*</b>	<b>Years Remaining</b>	<b>Outstanding Balance</b>
Contribution phase-in loss	06/30/2004	15	\$29,485,103	\$2,732,455	13	\$28,607,190
Contribution phase-in loss	06/30/2005	15	12,401,167	1,105,044	14	12,245,715
Combined bases	06/30/2005	30	1,715,553,201	97,510,013	29	1,751,537,058
Change in assumptions	06/30/2005	30	371,312,873	21,104,984	29	379,101,189
Experience loss	06/30/2006	15	24,171,861	<u>2,071,065</u>	15	<u>24,171,861</u>
Subtotal before GASB amount				\$124,523,561		\$2,195,663,013
40-year minimum GASB 25/27	06/30/2004	15	29,189,615	2,705,071	13	28,320,500
40-year minimum GASB 25/27	06/30/2005	15	12,708,684	<u>1,132,447</u>	14	<u>12,549,376</u>
<b>Total</b>				\$128,361,079		\$2,236,502,889

\* *Level percentage of payroll*

### SECTION 3: Supplemental Information for the Los Angeles City Employees' Retirement System

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#### EXHIBIT I

#### Section 415 Limitations

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Section 415 of the Internal Revenue Code (IRC) specifies the maximum benefits that may be paid to an individual from a defined benefit plan and the maximum amounts that may be allocated each year to an individual's account in a defined contribution plan.

A qualified pension plan may not pay benefits in excess of the Section 415 limits. The ultimate penalty for non-compliance is disqualification: active participants could be taxed on their vested benefits and the IRS may seek to tax the income earned on the plan's assets.

In particular, Section 415(b) of the IRC limits the maximum annual benefit payable at the Normal Retirement Age to a dollar limit of \$160,000 indexed for inflation. That limit is \$175,000 for 2006. Normal Retirement Age for these purposes is age 62. These are the limits in simplified terms. They must be adjusted based on each participant's circumstances, for such things as age at retirement, form of benefits chosen and after tax contributions.

Benefits in excess of the limits may be paid through a qualified governmental excess plan that meets the requirements of Section 415(m).

Legal Counsel's review and interpretation of the law and regulations should be sought on any questions in this regard.

## SECTION 3: Supplemental Information for Los Angeles City Employees' Retirement System

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### EXHIBIT J

#### Definitions of Pension Terms

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The following list defines certain technical terms for the convenience of the reader:

#### **Assumptions or Actuarial**

##### **Assumptions:**

The estimates on which the cost of the Plan is calculated including:

- (a) Investment return — the rate of investment yield that the Plan will earn over the long-term future;
- (b) Mortality rates — the death rates of employees and pensioners; life expectancy is based on these rates;
- (c) Retirement rates — the rate or probability of retirement at a given age; and
- (d) Turnover rates — the rates at which employees of various ages are expected to leave employment for reasons other than death, disability, or retirement.

##### **Normal Cost:**

The amount of contributions required to fund the cost of benefits allocated to the current year of service.

##### **Actuarial Accrued Liability**

##### **For Actives:**

The equivalent of the accumulated normal costs allocated to the years before the valuation date.

##### **Actuarial Accrued Liability**

##### **For Pensioners:**

The single sum value of lifetime benefits to existing pensioners. This sum takes account of life expectancies appropriate to the ages of the pensioners and the interest that the sum is expected to earn before it is entirely paid out in benefits.

##### **Unfunded Actuarial Accrued**

##### **Liability:**

The extent to which the actuarial accrued liability of the Plan exceeds the assets of the Plan. There is a wide range of approaches to paying off the unfunded actuarial accrued liability, from meeting the interest accrual only to amortizing it over a specific period of time.

### SECTION 3: Supplemental Information for Los Angeles City Employees' Retirement System

---

#### **Amortization of the Unfunded**

**Actuarial Accrued Liability:** Payments made over a period of years equal in value to the Plan's unfunded actuarial accrued liability.

#### **Investment Return:**

The rate of earnings of the Plan from its investments, including interest, dividends and market gain and loss adjustments, computed as a percentage of the average value of the fund. For actuarial purposes, the investment return often reflects a smoothing of the market gains and losses to avoid significant swings in the value of assets from one year to the next.

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

**EXHIBIT I**

**Summary of Actuarial Valuation Results**

The valuation was made with respect to the following data supplied to us:

1. Retired members as of the valuation date (including 3,451 beneficiaries in pay status)		14,570
2. Members inactive during year ended June 30, 2006 with vested rights (including 1,806 members with under 5 years of service eligible for a refund of contributions)		2,903
3. Members active during the year ended June 30, 2006		28,839
Fully vested	19,510	
Not vested	9,329	

The actuarial factors as of the valuation date are as follows:

**Assets**

1. Valuation value of assets (\$9,285,478,072 at market value* and \$8,686,104,097 at actuarial value* as reported by LACERS)		\$7,674,999,374
2. Present value of future normal costs		
Employee	\$ 988,361,288	
Employer	<u>2,090,320,887</u>	
Total		\$3,078,682,175
3. Unfunded actuarial accrued liability		<u>2,195,663,013</u>
4. Present value of current and future assets		\$12,949,344,562

**Liabilities**

5. Present value of future benefits		
Retired members and beneficiaries	\$5,078,341,207	
Inactive members with vested rights	124,321,108	
Active members	<u>7,746,682,247</u>	
Total		\$12,949,344,562

*\*Includes assets for Retirement, Health, Family Death, and Larger Annuity Benefits.*

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**EXHIBIT I (continued)**

**Summary of Actuarial Valuation Results**

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The determination of the recommended contribution is as follows:

1. Total normal cost	\$270,276,764
2. Expected employee contributions	<u>-112,008,469</u>
3. Employer normal cost: (1) + (2)	\$158,268,295
4. Payment on projected unfunded actuarial accrued liability	128,361,079
5. Total recommended contribution: (3) + (4), not adjusted for timing	<u>286,629,374</u>
6. Total recommended contribution: (3) + (4), adjusted for timing	<u>\$297,800,993</u>
7. Projected payroll	\$1,733,339,536
8. Total recommended contribution as a percentage of projected payroll: (5) ÷ (7)	16.54%
9. Total recommended contribution as a percentage of projected payroll, adjusted for timing: (6) ÷ (7)	17.18%

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**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**EXHIBIT II**

**Supplementary Information Required by the GASB – Schedule of Employer Contributions**

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<b>Plan Year Ended June 30</b>	<b>Annual Required Contributions</b>	<b>Actual Contributions</b>	<b>Percentage Contributed</b>
2001	\$ 59,153,313	59,153,313	100.00%
2002	32,296,002	32,296,002	100.00%
2003	51,604,669	51,604,669	100.00%
2004	159,083,407	100,408,689	63.12%
2005	183,241,489	158,131,638	86.30%
2006	227,740,600	227,740,600	100.00%

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**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

**EXHIBIT III**

**Supplementary Information Required by the GASB – Schedule of Funding Progress**

<b>Actuarial Valuation Date</b>	<b>Valuation Value of Assets (a)</b>	<b>Actuarial Accrued Liability (AAL) (b)</b>	<b>Unfunded/ (Overfunded) AAL (UAAL) (b) - (a)</b>	<b>Funded Ratio (a) / (b)</b>	<b>Covered Payroll (c)</b>	<b>UAAL as a Percentage of Covered Payroll [(b) - (a)] / (c)</b>
06/30/2001	\$6,988,782,000	\$6,468,066,000	-\$520,716,000	108.05%	\$1,293,350,000	-40.26%
06/30/2002	7,060,188,000	7,252,118,000	191,930,000	97.35%	1,334,335,000	14.38%
06/30/2003	6,999,647,000	7,659,846,000	660,199,000	91.38%	1,405,058,000	46.99%
06/30/2004	7,042,107,591	8,533,863,528	1,491,755,937	82.52%	1,575,284,734	94.70%
06/30/2005	7,193,142,227	9,321,524,967	2,128,382,740	77.17%	1,589,305,846	133.92%
06/30/2006	7,674,999,374	9,870,662,387	2,195,663,013	77.76%	1,733,339,536	126.67%

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

**EXHIBIT IV**

**Supplementary Information Required by the GASB**

<b>Valuation date</b>	June 30, 2006
<b>Actuarial cost method</b>	Projected Unit Credit Cost Method – assuming a closed group.
<b>Amortization method</b>	Level percent of payroll – assuming a 4% increase in total covered payroll.
<b>Remaining amortization period</b>	Multiple layers. Actuarial gains/losses are amortized over 15 years. Plan and assumption changes are amortized over 30 years. The existing layers on June 30, 2005, except those arising from the phase-in of contribution rates for the May 30, 2002 experience study, were combined and amortized over 30 years.
<b>Asset valuation method</b>	Market value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual market return and the expected return on the market value, and is recognized over a five - year period.
<b>Actuarial assumptions:</b>	
Investment rate of return	8.00%
Inflation rate	3.75%
Real across-the-board salary increase	0.25%
Projected salary increases	Ranges from 10.0% to 6.75% for members with less than 5 years of service. Ranges from 6.75% to 4.75% for members with 5 or more years of service.
Cost of living adjustments	3.00%
<b>Plan membership:</b>	
Retired members and beneficiaries receiving benefits	14,570
Terminated members entitled to, but not yet receiving benefits	2,903
Active members	<u>28,839</u>
Total	46,312

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

**EXHIBIT V**

**Development of the Net Pension Obligation and the Annual Pension Cost Pursuant to GASB 27**

<b>Plan Year Ended June 30</b>	<b>Employer Annual Required Contribution (a)</b>	<b>Employer Amount Contributed (b)</b>	<b>Interest on NPO (h) * .08 (c)</b>	<b>ARC Adjustment with Interest (h) / (e) * 1.08 (d)</b>	<b>Amortization Factor (e)</b>	<b>Pension Cost (a) + (c) – (d) (f)</b>	<b>Change in NPO (f) – (b) (g)</b>	<b>NPO Balance NPO + (g) (h)</b>
2003	\$ 51,604,669	\$ 51,604,669	\$ 0	\$ 0	N/A	\$ 51,604,669	\$ 0	\$ 0
2004	159,083,407	100,408,689	0	0	N/A	159,083,407	58,674,718	58,674,718
2005	183,241,489	158,131,638	0	0	N/A	183,241,489	25,109,851	83,784,569
2006	227,740,600	227,740,600	4,693,977	5,429,482	11.6712*	227,005,095	(735,505)	83,049,064

\* Due to the one-year lag in implementing new contribution rates, only the portion of the NPO established in the June 30, 2004 valuation is being amortized during 2005/2006.

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**EXHIBIT VI**

**Actuarial Assumptions and Actuarial Cost Method**

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The following assumptions were adopted by the Board on October 11, 2005, based on an Actuarial Experience Study as of June 30, 2005.

**Mortality Rates:**

*After Service Retirement:* 1994 Group Annuity Mortality Table.  
*After Disability Retirement:* 1994 Group Annuity Mortality Table, set forward 8 years.

---

**Termination Rates before Retirement:**

*Pre-Retirement Mortality:* 1994 Group Annuity Mortality Table.

<b>Age</b>	<b>Rate (%)</b>	
	<b>Disability</b>	<b>Withdrawal*</b>
25	0.01	4.45
30	0.04	3.80
35	0.11	3.05
40	0.18	2.45
45	0.21	2.10
50	0.24	1.70
55	0.23	1.35
60	0.00	0.00

\* *Withdrawal rates are zero for members eligible to retire.*

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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Rates of Withdrawal for members with less than 5 years of service are as follows:

Service	Rate (%) Withdrawal (Based on Service)
0	8.75
1	7.00
2	5.75
3	5.25
4	4.75

**Retirement Rates:**

Age	Retirement Probability
50	10%
51	5
52	5
53	5
54	5
55	10
56	11
57	12
58	13
59	14
60	15
61	16
62	17
63	18
64	19
65	20
66	20
67	20
68	20
69	20
70	100

#### SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System

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<b>Retirement Age and Benefit for Inactive Vested Participants:</b>	Assume pension benefit will be paid at the later of age 58 or the current attained age.
<b>Exclusion of Inactive Vested:</b>	All inactive participants are included in the valuation.
<b>Definition of Active Members:</b>	First day of biweekly payroll following employment for new department employees or immediately following transfer from other city department.
<b>Unknown Data for Members:</b>	Same as those exhibited by members with similar known characteristics. If not specified, members are assumed to be male.
<b>Percent Married/Domestic Partner:</b>	76% of male participants; 50% of female participants.
<b>Age of Spouse:</b>	Female spouses 4 years younger than their spouses.
<b>Future Benefit Accruals:</b>	1.0 year of service per year.
<b>Other Reciprocal Service:</b>	10% of future vested members will work at a reciprocal system.
<b>Consumer Price Index:</b>	Increase of 3.75% per year; benefit increases due to CPI subject to 3.0% maximum.
<b>Employee Contribution and Matching Account Crediting Rate:</b>	6.50%
<b>Net Investment Return:</b>	8.00%

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**Salary Increases:**

According to the following schedule:

For members with under 5 years of service,

<u>Service</u>	<u>Percentage Increase*</u>
0	6.00%
1	5.00%
2	4.50%
3	3.50%
4	2.75%

For members with over 5 years of service,

<u>Age</u>	<u>Percentage Increase*</u>
20 – 24	2.75%
25 – 29	2.00%
30 – 34	1.50%
35 – 39	1.25%
40 – 49	1.00%
50 – 69	0.75%

*\* Before including a 3.75% inflation increase and a 0.25% across the board increase.*

---

**Actuarial Value of Assets:**

The market value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual and expected returns on a market value basis and is recognized over a five year period. The actuarial value of assets can not be less than 80% or greater than 120% of the market value of assets.



**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**Actuarial Cost Method:** Projected Unit Credit Cost Method.

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**Funding Policy:** The Los Angeles City Employees' Retirement System makes contributions equal to the Normal Cost adjusted by amount to amortize any Surplus or Unfunded Actuarial Accrued Liability. Both the Normal Cost and the Actuarial Accrued Liability are determined under the Projected Unit Credit cost method. All the bases on or before June 30, 2005, except those arising from the phrase-in of contribution rates for the 2002 experience study, were combined and amortized over 30 years effective June 30, 2005. Any subsequent change in Surplus or Unfunded Actuarial Accrued Liability due to actuarial gains or losses are amortized over separate 15 year periods. Any change in Surplus or Unfunded Actuarial Accrued Liability from plan amendments or plan assumption changes are amortized over separate 30 year periods. Normal Cost and Actuarial Accrued Liability are calculated on an individual basis and are allocated by service.

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**Changes in Assumptions:** There have been no changes in actuarial assumptions since the last valuation.

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**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**EXHIBIT VII**  
**Summary of Plan Provisions**

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This exhibit summarizes the major provisions of the LACERS included in the valuation. It is not intended to be, nor should it be interpreted as, a complete statement of all plan provisions.

**Plan Year:** July 1 through June 30

**Census Date:** June 30

**Normal Retirement Benefit:**

<i>Age &amp; Service Requirement</i> (§ 4.1020)	Age 70; Age 60 with 10 years of continuous service; or Age 55 with at least 30 years of service.
<i>Amount</i> (§ 4.1056.2)	2.16% per year of service (not greater than 100%) of the Final Average Monthly Compensation.

**Early Retirement Benefit:**

<i>Age &amp; Service Requirement</i> (§ 4.1020)	Age 55 with 10 years of continuous service; or Any age with 30 year of service.
<i>Amount</i> (§ 4.1056.2)	2.16% per year of service (not greater than 100%) of the Final Average Monthly Compensation, reduced for retirement ages below age 60 using the following sample Early Retirement benefit adjustment factors:

<u>Age</u>	<u>Factor</u>	<u>Age</u>	<u>Factor</u>
45	0.6250	50	0.7750
55	0.9250	60	1.0000

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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<b>Final Average Monthly Compensation:</b> (§ 4.1010)	Equivalent of monthly average salary of highest continuous 12 months (one year).
<b>Cost of Living benefit</b> (§ 4.1040)	Based on changes to Los Angeles area consumer price index to a maximum of 3% per year, excess banked.
<b>Death after retirement</b> (§ 4.1044)	<ul style="list-style-type: none"><li>(I) 50% of retiree's unmodified allowance continued to an eligible spouse or a domestic partner; or a modified continuance to an eligible spouse or a domestic partner at the time of member's death (or a designated beneficiary selected by member at the time of retirement);</li><li>(ii) \$2,500 lump sum death benefit paid to a designated beneficiary; and</li><li>(iii) Any unused contributions if the member has elected the cash refund annuity option.</li></ul>

**SECTION 4: Reporting Information for Los Angeles City Employees' Retirement System**

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**Death before retirement**  
(§ 4.1062 and § 4.1054)

Option #1:

- (i) Eligibility – None.
- (ii) Benefit – Refund of contributions plus a limited pension benefit equal to 50% of monthly salary paid, according to the following schedule:

<u>Service Credit</u>	<u>Number of Monthly Payments</u>
1 year	2
2 years	4
3 years	6
4 years	8
5 years	10
6+ years	12

Option #2:

- (i) Eligibility – Duty-related death or after 5 years of service.
- (ii) Benefit – Continuance of service or disability benefit payable under 100% joint and survivor option to an eligible spouse or qualified domestic partner.

**SECTION 4: Reporting Information for the Los Angeles City Employees' Retirement System**

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**Member Normal Contributions:**  
(§ 4.1031)

If an employee became a plan member on or after January 1, 1983, the member normal contribution rate is 6%.

If an employee became a plan member before January 1, 1983, the rate is based on age at entry, sample rates by entry age (before reflecting applicable pick ups by the employers or “defrayals”) are as follows:

<u>Entry Age</u>	<u>Normal Rate</u>	<u>Survivor Rate</u>
20	8.20%	0.44%
30	9.06%	0.75%
40	10.19%	0.91%
50	11.34%	1.03%

---

**Disability:**  
(§ 4.1055)

*Service Requirement*

5 years of continuous service

*Amount*

1/70 (about 1.43%) of the Final Average Monthly Compensation per year of service or 1/3 of the Final Average Monthly Compensation, if greater.

**SECTION 4: Reporting Information for the Los Angeles City Employees' Retirement System**

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**Deferred Withdrawal Retirement Benefit (Vested):**

(§ 4.1020 and § 4.1059.1)

<i>Age &amp; Service Requirement</i>	Age 70 with 5 years of continuous service; Age 60 with 5 years of continuous service and at least 10 years have elapsed from first date of membership; or Age 55 with at least 30 years of service. Deferred employee who meets part-time eligibility: age 60 with at least 10 years from the first date of membership.
<i>Amount</i>	See Normal retirement benefit
<i>Age &amp; Service Requirement</i>	Age 55 with 5 years of continuous service and at least 10 years have elapsed from first date of membership; or Age 55 with 10 years of continuous service. Deferred employee who meets part-time eligibility: age 55 with at least 10 years from the first date of membership.
<i>Amount</i>	See Early retirement benefit

---

**Withdrawal of Contributions Benefit (Ordinary Withdrawal):**

Refund of employee contributions with interest.

---

**Changes in Plan Provisions:**

There have been no changes in plan provisions, benefit amounts and eligibility requirements since the last valuation.

201444v2/05806.002

Los Angeles City Employees' Retirement System

*Actuarial Valuation and Review of Other Postemployment  
Benefits (OPEB) as of June 30, 2006  
In accordance with GASB Statements No. 43 and No. 45*

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*November 8, 2006*

*Board of Administration  
Los Angeles City Employees' Retirement System  
360 East Second Street, 8<sup>th</sup> Floor  
Los Angeles, CA 90012*

*Dear Board Members:*


*We are pleased to submit this report on our actuarial valuation of postemployment welfare benefits as of June 30, 2006 under GASB Statements Number 43 and 45. It establishes the liabilities of the other postemployment benefits in accordance with GASB for the current year. It also summarizes the actuarial data.*

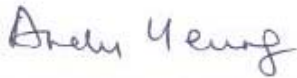
*This report is based on information received from the Retirement System. The actuarial projections were based on the assumptions and methods described in Exhibit V and on the plan of benefits as summarized in Exhibit VI.*

*We look forward to discussing this material with you at your convenience.*

*Sincerely,*

*THE SEGAL COMPANY*

By:   
\_\_\_\_\_  
*Paul Angelo, FSA, MAAA, EA  
Senior Vice President and Actuary*

  
\_\_\_\_\_  
*Andy Yeung, ASA, MAAA, EA  
Associate Actuary*

*DTB/dvb*



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## SECTION 2

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**PURPOSE**

This report presents the results of our actuarial valuation of the Los Angeles City Employees' Retirement System (LACERS) post retirement medical and dental benefits as of June 30, 2006. The results are in accordance with the Governmental Accounting Standards, which prescribe an accrual methodology for accumulating the value of other postemployment benefits (OPEB) over participants' active working lifetimes.

Actuarial computations under GASB are for purposes of fulfilling certain welfare fund accounting requirements. The calculations in this report have been made on a basis consistent with our understanding of GASB. Determinations for purposes other than meeting the financial accounting requirements of GASB may differ significantly from the results reported here.

Calculations are based on the benefits provided under the terms of the substantive plan in effect at the time of the valuation and on the pattern of sharing costs between the employer and plan members. The projection of benefits does not incorporate the potential effect of legal or contractual funding limitations on the pattern of cost sharing between the employer and plan members in the future.

Actuarial calculations reflect a long-term perspective, and the methods and assumptions use techniques designed to reduce short term volatility in accrued liabilities and the actuarial value of assets.

The calculation of an accounting obligation does not, in and of itself, imply that there is any legal liability to provide the benefits valued, nor is there any implication that LACERS is required to implement a funding policy to satisfy the projected expense.

Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future, and the actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

**ACCOUNTING REQUIREMENTS**

The Governmental Accounting Standards Board (GASB) issued Statement Number 43 -- *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*. Under this statement, all plans of state and local government entities that provide other post employment benefits (OPEB) are required to report the cost of these benefits on their financial statements.

The statement includes postemployment benefits of health, prescription drug, dental, vision and life insurance coverage for retirees; long-term care coverage, life insurance and death benefits that are *not* offered as part of a pension plan; and long-term disability insurance for employees. These benefits, referred to as OPEB, are typically financed on a pay-as-you-go basis. The new standard introduces an accrual-basis accounting requirement; thereby, recognizing the employer cost of postemployment benefits over an employee's career. The standards also introduce a consistent accounting requirement for both pension and non-pension benefits.

The total cost of providing postemployment benefits is projected, taking into account assumptions about demographics, turnovers, mortality, disability, retirement, health care trends, and other actuarial assumptions. This amount is then discounted to determine the actuarial present value of the projected cost of these benefits (APB). The actuarial accrued liability (AAL) is the portion of the present value of the total projected benefits allocated to years of employment prior to the measurement date. The unfunded actuarial accrued liability (UAAL) is the difference between the AAL and actuarial value of assets in the Plan.

Once the UAAL is determined, the Annual Required Contribution (ARC) is determined as the normal cost (the APB allocated to the current year of service) and the amortization of the UAAL. This ARC is compared to actual contributions made and any difference is reported as the net OPEB obligation (NOO). In addition, required supplementary information (RSI) is required. This information includes historical information about the UAAL and the progress in funding the Plan.

**HIGHLIGHTS OF THE VALUATION**

- The recommended contribution has decreased from \$111.3 million (7.00% of payroll) to \$108.3 million (6.25% of payroll), assuming contributions made by the City at the beginning of the plan year.
- The employer contribution rates provided in this report have been developed, assuming that they will be made by the City at either (1) the beginning of the fiscal year (i.e. the City will prepay its contributions or (2) throughout the year (i.e. the City will pay contributions at the end of every pay period).
- LACERS has elected to comply with GASB 43 effective with the June 30, 2005 valuation. The City is required to include the GASB 45 results in its financial statements effective with fiscal year 2007/2008.
- The assumption for the discount rate is 8.00%, and is based on the assumption that 100% of benefits will be paid from the trust.
- The funding method used to develop the actuarial required contribution (ARC) is the Projected Unit Credit Method, a method that will produce an increasing normal cost as a percent of payroll.
- Contributions will generally increase with payroll growth. Other factors such as gains or losses, or changes in trend assumptions will also alter the contribution rate.
- The Board has adopted a policy of amortizing the entire Unfunded Actuarial Accrued Liability (UAAL) as of June 30, 2005 over a fixed period of 30 years beginning July 1, 2005.
- In this valuation, we have not established a separate amortization base for the actuarial gains arising during the 2005/2006 plan year. This is because amortizing those gains over a 15-year period while continuing to amortize the plan's remaining UAAL over the 30-year period established at the June 30, 2005 valuation (with 29 years remaining as of June 30, 2006) would not satisfy the GASB requirements for amortizing the UAAL. Satisfying those GASB requirements is part of the Board's current funding policy.

In order to meet the GASB amortization requirements, we propose that the actuarial gains occurring during 2005/2006 be combined with the plan's remaining UAAL from the June 30, 2005 valuation and the entire UAAL be amortized over a period of 29 years as of June 30, 2006. The contribution rates in this report have been developed using this 29-year amortization schedule.

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**SUMMARY OF VALUATION RESULTS**

*The key results and significant assumptions for the current and prior years are shown.*

	June 30	
	2006	2005
<b>Actuarial Accrued Liability by Participant Category</b>		
Current retirees, beneficiaries and dependents	\$808,647,216	\$803,472,421
Inactive vested members	24,363,101	22,273,527
Current active members	<u>897,788,633</u>	<u>893,152,844</u>
Total	\$1,730,798,950	\$1,718,898,792
<b>Actuarial Value of Assets</b>	\$990,269,715	\$893,378,123
<b>Unfunded Actuarial Accrued Liability</b>	740,529,235	825,520,669
<b>Funded Ratio</b>	57.2%	52.0%
<b>Market Value of Assets</b>	\$1,058,602,064	\$918,287,952
<b>Annual Required Contribution</b>		
Normal cost (beginning of year)	\$67,095,811	\$66,146,106
Amortization of the unfunded actuarial accrued liability	41,226,085	45,116,941
Adjustment for timing	<u>4,221,936</u>	<u>4,336,570</u>
Total annual required contribution, including adjustment for timing	\$112,543,832	\$115,599,617
Covered payroll	1,733,339,536	1,589,305,346
As a percentage of pay		
Beginning of year	6.25%	7.00%
At the end of each pay period	6.49%	7.27%

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

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**DEVELOPMENT OF UNFUNDED ACTUARIAL ACCRUED LIABILITY FOR THE YEAR ENDED JUNE 30, 2006**

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1.	Unfunded actuarial accrued liability at beginning of year	\$825,520,669
2.	Normal cost at beginning of year	66,146,106
3.	Total contributions at beginning of year	76,116,104
4.	Interest	<u>65,244,054</u>
5.	Expected unfunded actuarial accrued liability	\$880,794,725
6.	Decrease due to experience (gain)*	<u>(140,265,490)</u>
7.	Unfunded actuarial accrued liability at end of year	\$740,529,235

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*\*Please refer to Section 4, Exhibit III for a detailed explanation of the experience (gain).*

**SECTION 2: Valuation Results for the Los Angeles City Employees' Retirement System**

**PROJECTED CASH FLOW**

Year Ending June 30	Projected Number of Retirees *			Projected Benefit Payments		
	Current	Future	Total	Current	Future	Total
2007	15,733	2,239	17,972	\$ 65,704,372	\$ 5,218,214	\$ 70,922,586
2008	15,270	3,710	18,980	69,316,825	10,350,604	79,667,429
2009	14,784	5,248	20,032	72,334,839	16,555,748	88,890,587
2010	14,287	6,840	21,127	74,681,697	23,830,490	98,512,187
2011	13,772	8,514	22,286	76,278,954	32,199,378	108,478,332
2012	13,251	10,282	23,533	76,817,449	41,626,499	118,443,948
2013	12,711	12,180	24,891	76,667,338	52,011,725	128,679,063
2014	12,188	14,073	26,261	75,470,487	62,888,148	138,358,635
2015	11,656	15,969	27,625	73,988,905	74,277,184	148,266,089
2016	11,116	17,891	29,007	72,217,079	86,691,988	158,909,067

\*Includes spouse of retirees, but excludes those not receiving a subsidy from LACERS.

ACTUARIAL CERTIFICATION

November 8, 2006

This is to certify that The Segal Company has conducted an actuarial valuation of certain benefit obligations of the Los Angeles City Employees' Retirement System other postemployment benefit programs as of June 30, 2006, in accordance with generally accepted actuarial principles and practices. Actuarial valuations are performed annually for this retirement program, with the last valuation completed on June 30, 2005. The actuarial calculations presented in this report have been made on a basis consistent with our understanding of GASB for the determination of the liability for postemployment benefits other than pensions.

The actuarial valuation is based on the plan of benefits verified by the LACERS and on participant, claims and expense data provided by the LACERS.

The actuarial computations made are for purposes of funding plan benefits and fulfilling plan accounting requirements. Determinations for purposes other than funding plan benefits and meeting financial accounting requirements may be significantly different from the results reported here. Accordingly, additional determinations may be needed for other purposes such as judging benefit security at termination plan.

In addition to all schedules that are shown in the actuarial section of the CAFR, a listing of supporting schedules included in the statistical and financial sections of the System's CAFR prepared by Segal is provided below:

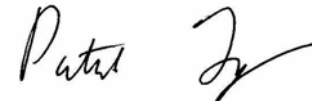
- 1) Schedule of funding progress
- 2) Schedule of employer contributions
- 3) Required supplementary information

To the best of our knowledge, this report is complete and accurate and in our opinion presents the information necessary to comply with the plan's funding and GASB requirements with respect to the benefit obligations addressed.



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Dave Bergerson, ASA, MAAA, EA



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Patrick Twomey, ASA, MAAA, EA  
Assistant Actuary



**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

**CHART 1**

**Summary of Statement of Assets for Retirement, Health, Family Death and Larger Annuity Benefits**

	Year Ended June 30, 2006	Year Ended June 30, 2005
<b>Cash equivalents</b>	\$460,158,677	\$486,208,221
<b>Accounts receivable:</b>		
Investment income	\$ 33,631,936	\$ 39,635,686
Proceeds from sales	40,956,282	136,080,695
Other	<u>7,878,261</u>	<u>7,530,888</u>
Total accounts receivable	82,466,479	183,247,269
<b>Investments:</b>		
Fixed Income	\$1,314,615,877	\$1,502,619,496
Equities	5,908,461,506	5,294,730,071
Real Estate and Mortgages	1,105,533,424	611,251,941
Other	<u>2,392,347,584</u>	<u>1,848,074,719</u>
Total investments at market value	<u>10,720,958,391</u>	<u>9,256,676,227</u>
<b>Total assets</b>	\$11,263,583,547	\$9,926,131,717
<b>Less accounts payable:</b>		
Accounts payable and accrued expenses	-\$24,881,849	-\$29,844,814
Purchases of investments	-306,476,731	-245,013,574
Security lending collateral	<u>-1,646,746,895</u>	<u>-1,319,516,832</u>
Total accounts payable	-\$1,978,105,475	-\$1,594,375,220
<b>Net assets at market value</b>	<u>\$9,285,478,072</u>	<u>\$8,331,756,497</u>
<b>Net assets at actuarial value</b>	<u>\$8,686,104,097</u>	<u>\$8,105,746,091</u>
<b>Net assets at valuation value (retiree health)</b>	<u>\$990,269,715</u>	<u>\$893,378,123</u>

*Note: Results may be slightly off due to rounding.*

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

**CHART 2**

**Summary Statement of Income and Expense on an Actuarial Value Basis for Retirement, Health Family Death and Larger Annuity Benefits**

	Year Ended June 30, 2006	Year Ended June 30, 2005
<b>Contribution income:</b>		
Employer contributions	\$320,399,222	\$229,136,519
Employee contributions	<u>98,262,366</u>	<u>94,268,171</u>
Contribution income	\$418,661,588	\$323,404,690
<b>Investment income:</b>		
Interest, dividends and other income	\$268,461,511	\$263,747,032
Recognition of capital appreciation	430,034,467	109,661,360
Less investment and administrative fees	<u>-30,195,257</u>	<u>-28,684,404</u>
Net investment income	<u>668,300,721</u>	<u>344,723,988</u>
<b>Total income available for benefits</b>	<b>\$1,086,962,309</b>	<b>\$668,128,678</b>
<b>Less benefit payments:</b>		
Payment of benefits	-\$493,583,253	-\$469,212,203
Refunds of contributions	<u>-13,021,051</u>	<u>-10,679,421</u>
Net benefit payments	-\$506,604,304	-\$479,891,624
<b>Change in reserve for future benefits</b>	<b>\$580,358,005</b>	<b>\$188,237,054</b>

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

**CHART 3**

**Determination of Actuarial Value of Assets as of June 30, 2006**

1. Market value of assets, June 30, 2006				\$9,285,478,072
	Original Amount	Percent not recognized	Amount not recognized	
2. Calculation of unrecognized return*				
(a) Year ended June 30, 2006	\$366,478,652	80%	\$ 293,182,921	
(b) Year ended June 30, 2005	132,848,231	60%	79,708,939	
(c) Year ended June 30, 2004	710,820,763	40%	284,328,305	
(d) Year ended June 30, 2003	<u>-289,230,950</u>	20%	<u>-57,846,190</u>	
(e) Total unrecognized return				\$ 599,373,975
3. Preliminary actuarial value (1) – (2e)				\$8,686,104,097
4. Adjustment to be within 20% corridor				0
5. Final actuarial value of assets (3) + (4)				<u>\$8,686,104,097</u>
6. Actuarial value as a percentage of market value				93.5%
7. Market value of retiree health assets				<u>\$1,058,602,065</u>
8. Valuation value of retiree health assets (5) ÷ (1) X 7				<u>\$ 990,269,715</u>

*\*Total return minus expected return on a market value basis.*

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

**CHART 4**  
**Determination of Annual Required Contribution**

Cost Element	Determined as of June 30			
	2006		2005	
	Amount	Percent of Compensation	Amount	Percent of Compensation
1. Normal cost (beginning of year)	\$67,095,811	3.87%	\$66,146,106	4.16%
2. Amortization of the unfunded actuarial accrued liability	<u>41,226,085</u>	<u>2.38%</u>	<u>45,116,941</u>	<u>2.84%</u>
3. Total Annual Required Contribution (beginning of year)	<u>\$108,321,896</u>	<u>6.25%</u>	<u>\$111,263,047</u>	<u>7.00%</u>
4. Adjustment for timing*	4,221,936	0.24%	4,336,570	0.27%
5. Total Annual Required Contribution (end of pay period)	<u>\$112,543,832</u>	<u>6.49%</u>	<u>\$115,599,617</u>	<u>7.27%</u>

\* Contributions are assumed to be paid at the end of every pay period.

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

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**CHART 5**

**Required Supplementary Information – Schedule of Employer Contributions**

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<b>Plan Year Beginning</b>	<b>Annual Required Contributions</b>	<b>Actual Contributions</b>	<b>Percentage Contributed</b>
July 1, 2005	\$76,116,104	\$76,116,104	100.0%
July 1, 2006*	\$111,263,047	N/A	N/A

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*\* Due to the 12 month timing adjustment, actual contributions will not be available until the end of the Plan Year.*

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

This schedule of funding progress presents 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.

**CHART 6**  
**Required Supplementary Information – Schedule of Funding Progress**

<b>Actuarial Valuation Date</b>	<b>Actuarial Value of Assets (a)</b>	<b>Actuarial Accrued Liability (AAL) (b)</b>	<b>Unfunded/ (Overfunded) AAL (UAAL) (b) - (a)</b>	<b>Funded Ratio (a) / (b)</b>	<b>Covered Payroll (c)</b>	<b>UAAL as a Percentage of Covered Payroll [(b) - (a) / (c)]</b>
June 30, 2001	\$844,984,000	\$807,905,000	-\$37,079,000	104.59%	\$1,293,350,000	-2.87%
June 30, 2002	853,916,000	931,964,000	78,048,000	91.63	1,334,335,000	5.85
June 30, 2003	848,983,000	1,205,811,000	356,828,000	70.41	1,405,058,000	25.40
June 30, 2004	858,997,310	1,419,812,826	560,815,516	60.50	1,575,284,734	35.60
June 30, 2005	893,378,123	1,718,898,792	825,520,669	51.97	1,589,305,346	51.94
June 30, 2006	990,269,715	1,730,798,950	740,529,235	57.21	1,733,339,536	42.72

*Note: Funded ratios for years prior to June 30, 2005 were not calculated using the parameters required for GASB 43 because the plan's funding policy excluded active employees with less than 10 years of service.*

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

**CHART 7**

**Required Supplementary Information – Net OPEB Obligation (NOO)**

<b>Plan Year Beginning</b>	<b>Annual Required Contributions (a)</b>	<b>Interest on Existing NOO (b)</b>	<b>ARC Adjustment (c)</b>	<b>Annual OPEB Cost (a) + (b) + (c) (d)</b>	<b>Actual Contribution Amount (e)</b>	<b>Net Increase in NOO (d) - (e) (f)</b>	<b>NOO as of End of Year (g)</b>
July 1, 2005*	\$76,116,104	\$0	\$0	\$76,116,104	\$76,116,104	\$0	\$0
July 1, 2006**	\$111,263,047	\$0	\$0	\$111,263,047	N/A	N/A	N/A
July 1, 2007**	\$108,321,896	N/A	N/A	N/A	N/A	N/A	N/A

\* Determined prior to compliance with GASB 43/45.

\*\* Due to the lag in implementation of the contribution rates, actual contributions will not be available until the end of the Plan Year.

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

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**CHART 8**

**Required Supplementary Information**

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<b>Valuation date</b>	June 30, 2006
<b>Actuarial cost method</b>	Projected Unit Credit – assuming a closed group
<b>Amortization method</b>	30 years, assuming a 4% increase in total covered payroll
<b>Remaining amortization period</b>	29 years remaining as of June 30, 2006
<b>Asset valuation method</b>	Market value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual market return and the expected return on the market value, and is recognized over a five-year period.
<b>Actuarial assumptions:</b>	
Discount rate	8.00%
Inflation rate	3.75%
Real across-the-Board salary increase	0.25%
Projected salary increases	N/A
Health care cost trend rate:	
• Medical	12%, graded down over 7 years to ultimate rate of 5.00%
• Dental	5% for all years
• Medicare Part B premiums	5.6% in 2006/2007 based on actual Medicare Part B premium increase, then 5% for all years
Cost of living adjustments on health plan maximum monthly subsidy amount	Same as health care cost trends



**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

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**CHART 8**

**Required Supplementary Information (continued)**

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<b>Plan membership:</b>	<b>June 30, 2006</b>	<b>June 30, 2005</b>
Current retirees and surviving spouses <sup>(1)</sup>	14,570	14,322
Inactive vested participants entitled to a future health subsidy	617	561
Current active members	<u>28,839</u>	<u>27,333</u>
Total	44,026	42,216

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<sup>(1)</sup>Includes all retirees and surviving spouses whether they are receiving a subsidy.

**SECTION 3: Valuation Details for the Los Angeles City Employees' Retirement System**

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**CHART 9**

**Table of Amortization Bases**

<b>Type</b>	<b>Date Established</b>	<b>Initial Year</b>	<b>Initial Amount</b>	<b>Annual Payment*</b>	<b>Years Remaining</b>	<b>Outstanding Balance</b>
Combined Bases	06/30/2006	29	<u>\$740,529,235**</u>	<u>\$41,226,085</u>	29	<u>\$740,529,235</u>
Total			\$740,529,235	\$41,226,085		\$740,529,235

\* *Level percentage of pay.*

\*\* *This is the balance of prior year's amortization layers net of current year's actuarial gain. See page 3 for detail.*

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

*This exhibit summarizes the participant data used for the current and prior valuations.*

**EXHIBIT I**

**Summary of Participant Data**

	<b>June 30, 2006</b>	<b>June 30, 2005</b>
<b>Retirees</b>		
Non-disabled	10,234	10,147
Disabled	<u>885</u>	<u>862</u>
Total	11,119*	11,009
Average age	70.0	70.5
<b>Surviving Spouses</b>		
Number	3,451*	3,313
Average age	74.8	75.2
<b>Active Participants</b>		
Number	28,839	27,333
Average age	45.4	45.6
Average years of service	11.7	12.0
<b>Inactive Vested Participants (excluding those with less than 10 years of service)</b>		
Number	617	561
Average age	48.7	48.4

\*Total participants shown. Of the 11,119 retirees, 9,814 are receiving a subsidy and of the 3,451 surviving spouses, 1,607 are receiving a subsidy.

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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**EXHIBIT II**

**Actuarial Balance Sheet for Year Ended June 30, 2006**

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The actuarial balance sheet as of the valuation date is as follows:

<b>Assets</b>	
1. Valuation value of assets (\$9,285,478,072 at market value* and \$8,686,104,097 at actuarial value* as reported by LACERS)	\$990,269,715
2. Present value of future normal costs	738,342,796
3. Unfunded actuarial accrued liability	<u>740,529,235</u>
4. Present value of current and future assets	\$2,469,141,746
<b>Liabilities</b>	
5. Present value of future benefits	
Retired members and beneficiaries	\$808,647,216
Inactive members with vested rights	24,363,101
Active members	<u>1,636,131,429</u>
Total	\$2,469,141,746

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\* Includes assets for Retirement, Health, Family Death and Larger Annuity Benefits.

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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**EXHIBIT III**

**Actuarial Experience for Year Ended June 30, 2006**

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1. Net (gain) from investments	\$ (8,061,340)
2. Net loss from demographic changes*	31,472,170
3. Net (gain) from premium and subsidy increases less than assumed	<u>(163,676,320)</u>
4. Net experience (gain): (1) + (2)	\$ (140,265,490)

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*\*The net loss is attributed to actual liability experience from July 1, 2005 through June 30, 2006, compared to the actuarial assumptions as of June 30, 2005.*

To calculate the required contribution, assumptions are made about future events that affect the amount and timing of benefits to be paid and assets to be accumulated. Each year actual experience is measured against the assumptions. If overall experience is more favorable than anticipated (an actuarial gain), the contribution requirement will decrease from the previous year. On the other hand, the contribution requirement will increase if overall actuarial experience is less favorable than expected (an actuarial loss).

The differences between the expected and the actual experience are provided in the table above. These include:

- Actual rate of return from investment,
- Demographic experience (e.g., turnover, retirement, mortality, disability, etc.), relative to the prior assumptions,

The net gain from premium and subsidy experience for the year ended June 30, 2006 amounted to (\$164 million) which is 9% of the actuarial accrued liability. This gain was primarily because the premium and subsidy increases were less than expected.

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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**EXHIBIT IV**

**Reconciliation of Recommended Contribution**

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<b>Recommended Contributions as of June 30, 2005 (Beginning of Year)</b>	\$ 111,263,047
Effect of investment gains	(448,784)
Effect of other gains on accrued liability	(7,529,452)
Effect of change in composition of active population	<u>5,037,085</u>
<b>Total change</b>	\$ (2,941,151)
<b>Recommended Contributions as of June 30, 2006 (Beginning of Year)</b>	\$ 108,321,896

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**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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**EXHIBIT V**

**Actuarial Assumptions and Actuarial Cost Method**

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**Data:** Detailed census data and financial data for postemployment benefits were provided by LACERS.

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**Actuarial Cost Method:** Projected unit credit.

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The following assumptions were adopted by the Board on October 11, 2005, based on an Actuarial Experience Study as of June 30, 2005.

**Termination Rates before Retirement:**

Age	Mortality			
	Male	Female	Disability	Withdrawal
25	0.07%	0.03%	0.01%	4.45%
30	0.08	0.04	0.04	3.80
35	0.09	0.05	0.11	3.05
40	0.11	0.07	0.18	2.45
45	0.16	0.10	0.21	2.10
50	0.26	0.14	0.24	1.70
55	0.44	0.23	0.23	1.35

All deaths are assumed to be non-duty related.

Note: Withdrawal rates for actives with less than 5 years of service are as follows and supersede the above probabilities:

Service	Rate
0	8.75%
1	7.00
2	5.75
3	5.25
4	4.75

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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**Measurement Date:** June 30, 2006

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**Discount Rate:** 8.00%

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**Postretirement Mortality Rates:**

*Healthy* 1994 Group Annuity Mortality Table  
*Disabled* 1994 Group Annuity Mortality Table, set forward 8 years

**Active Retirement Rates:**

Age	Rate (%)
50	10%
51	5
52	5
53	5
54	5
55	10
56	11
57	12
58	13
59	14
60	15
61	16
62	17
63	18
64	19
65	20
66	20
67	20
68	20
69	20
70	100



**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

**Per Capita Cost Development:**

The assumed costs on a composite basis are the future costs of providing postretirement health care benefits at each age. To determine the assumed costs on a composite basis, historical premiums are reviewed and adjusted for increases in the cost of health care services.

Plan	Observed Participation*	Single Maximum Subsidy	Married Maximum Subsidy	Surviving Spouse Maximum Subsidy	Observed Utilization**	
					All Retirees	≥10 Yrs of Svc
<u>Pre-65 &amp; Over 65 With Medicare Part B only</u>						
PPO	0.234	\$650.43	\$928.00	\$439.45	0.81	0.87
Kaiser	0.586	439.45	877.30	439.45	0.81	0.87
Blue Cross HMO	0.180	443.90	882.63	439.45	0.81	0.87
Dental	1.000	34.84	34.84	0.00	0.76	0.84
<u>Over 65 With Medicare Parts A and B</u>						
PPO	0.328	\$320.01	\$597.58	\$320.01	0.81	0.87
Kaiser	0.568	161.01	320.42	161.01	0.81	0.87
Blue Cross HMO	0.104	202.14	399.11	202.14	0.81	0.87
Dental	1.000	34.84	34.84	0.00	0.83	0.87
Medicare Part B	1.000	88.50	88.50	0.00	0.74	0.78

\* Participation ratio is the proportion of retirees electing to receive a subsidy that select that specific plan.

\*\* Utilization ratio is the proportion of all retirees that elect to receive a subsidy.

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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<b>Marital Status</b>	65% of male and 40% of female retirees who receive a subsidy are assumed to be married or have a qualified domestic partner and elect dependent coverage.
<b>Spouse Age Difference</b>	Males are assumed to be 4 years older than their female spouses.
<b>Surviving Spouse Coverage</b>	With regard to members who are currently alive, 100% of eligible spouses or domestic partners are assumed to elect continued health coverage after the Member's death.
<b>Participation</b>	<p>90% of members retiring directly from City employment are assumed to receive a subsidy for a City approved health carrier.</p> <p>90% of retirees are expected to elect Medicare Parts A and B.</p> <p>90% of retirees are assumed to elect dental coverage.</p> <p>45% of inactive members are assumed to receive a subsidy for a City approved health carrier.</p> <p>85% of retirees becoming eligible for Medicare are assumed to be covered by both Parts A and B.</p>

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**Health Care Cost Subsidy Trend Rates:** Health care trend measures the anticipated overall rate at which health plan costs are expected to increase in future years. Trend rates are used to increase the stated subsidies into the future. For example, the proposed medical subsidy for a Kaiser male retiree under age 65 in the 2007/2008 plan year would be determined with the following formula:  $[\$439.45 \times (1 + 12\%)] = \$492.18$ .

Premium Year Ending June 30	Rate (%)			
	PPO & HMO under 65	PPO & HMO over 65	Dental	Medicare Part B
2008	12.00%	12.00%	5.00%	5.60%
2009	11.00	11.00	5.00	5.00
2010	10.00	10.00	5.00	5.00
2011	9.00	9.00	5.00	5.00
2012	8.00	8.00	5.00	5.00
2013	7.00	7.00	5.00	5.00
2014	6.00	6.00	5.00	5.00
2015 & later	5.00	5.00	5.00	5.00

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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<b>Plan Design:</b>	Development of plan liabilities was based on the substantive plan of benefits in effect as described in Exhibit VI.
<b>Administrative Expenses:</b>	No administrative expenses were valued separately from the claim costs.
<b>Assumption Changes Since Prior Evaluation:</b>	The trend rates on future health care costs were updated.  The maximum subsidy and utilization table was updated based on updated provisions and data.

**EXHIBIT VI**

**Summary of Plan**

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This exhibit summarizes the major benefit provisions as included in the valuation. To the best of our knowledge, the summary represents the substantive plans as of the measurement date. It is not intended to be, nor should it be interpreted as, a complete statement of all benefit provisions.

**Eligibility:**

*Retirees*

§4.1103.2

Retired age 55 or older with at least 10 years of service (including deferred vested members who terminate employment and receive a retirement benefit from LACERS), or if retirement date is between October 2, 1996, and September 30, 1999 at age 50 or older with at least 30 years of service. Benefits are also payable to spouses, domestic partners, or other qualified dependents while the retiree is alive. Please note that the health subsidy is not payable to a disabled retiree before the member reaches age 55.

**Health Subsidy for Members:**

*Under Age 65 or*

*Over Age 65 And Only*

*Enrolled in Medicare Part B:*

§4.1103.2

The System will pay 4% of the maximum health subsidy (limited to actual premium) for each year of Service Credit, up to 100% of the maximum health subsidy. As of July 1, 2006, the maximum health subsidy was \$928.00 per month\*.

*Over Age 65 and Enrolled in*

*Both Medicare Parts A and B:*

§4.1103.2

For retirees, a maximum health subsidy limited to the single-party monthly premium of the plan in which the member is enrolled, is provided subject to the following vesting schedule:

<u>Completed Years of Service</u>	<u>Vested Percentage</u>
10-14	75%
15-19	90%
20+	100%

An additional amount is added for coverage of dependents which shall not exceed the amount provided a retiree not enrolled in Parts A and B and covered by the same medical plan and with the same years of service.

The combined member and dependent subsidy shall not exceed the actual premium.

**Dental Subsidy for Members:**  
§4.1105.2

The System will pay 4% of the maximum dental subsidy (limited to actual premium) for each year of Service Credit, up to 100% of the maximum health subsidy. As of July 1, 2006, the maximum dental subsidy was \$34.84\* per month.

There is no subsidy available to spouses or domestic partners. There is also no reimbursement for dental plans not sponsored by the System.

**Medicare Part B Subsidy for Members:**  
§4.1104

If a City Retiree is covered by both Medicare Parts A and B, and enrolled in a LACERS medical plan or participates in the LACERS Retiree Medical Premium Reimbursement Program, LACERS will reimburse the retiree the basic Part B Medicare premium.

**Surviving Spouse Subsidy:**  
§4.1107 & §4.1107.1

The surviving spouse or domestic partner will be entitled to a health subsidy (limited to the actual single-party premium) based on member's years of service and the surviving dependent's eligibility for Medicare.

*Under Age 65 or Over Age 65  
And Only Enrolled in Medicare  
Part B:*

The maximum health subsidy available for survivors is the Kaiser single-party premium (\$439.45\* per month as of July 1, 2006) or the single-party premium of the plan in which the survivor is enrolled, whichever is less.

**SECTION 4: Supporting Information for The Los Angeles City Employees' Retirement System**

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*Over Age 65 and Enrolled in  
Both Medicare Parts A and B:*

For survivors, a maximum health subsidy limited to the single-party monthly premium of the plan in which the survivor is enrolled, is provided subject to the following vesting schedule:

<u>Completed Years of Service</u>	<u>Vested Percentage</u>
10-14	75%
15-19	90%
20+	100%

Note: For purposes of our valuation, we did not apply the vesting percentage to premiums for current retirees eligible for Medicare. This difference is immaterial.

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