### ANNUAL REPORT 1990 - 1991



# CITY EMPLOYEES' RETIREMENT SYSTEM

### CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

ANNUAL REPORT FOR THE FISCAL YEAR ENDING JUNE 30, 1991

360 EAST SECOND STREET EIGHTH FLOOR LOS ANGELES, CALIFORNIA 90012-4207

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### **ELECTED OFFICIALS**

OF THE

CITY OF LOS ANGELES

TOM BRADLEY Mayor

JAMES KENNETH HAHN City Attorney

RICK TUTTLE
City Controller

### MEMBERS OF THE CITY COUNCIL

Gloria Molina	Joel Wachs	Joy Picus
First District	Second District	Third District
John Ferraro	Zev Yaroslavsky	Ruth Galanter
Fourth District	Fifth District	Sixth District
Ernani Bernardi	Robert C. Farrell	Rita Walters
Seventh District	Eighth District	Ninth District
Nate Holden	Marvin Braude	Hal Bernson
Tenth District	Eleventh District	Twelfth District
Michael Woo Thirteenth District	Richard Alatorre Fourteenth District	Joan-Milke Flores Fifteenth District

# BOARD OF ADMINISTRATION CITY EMPLOYEES' RETIREMENT SYSTEM OF THE CITY OF LOS ANGELES, CALIFORNIA FISCAL YEAR 1990-91

OLGA MARCUS, President

HENRY W. HURD, Vice President

RICHARD S. AMADOR

JOSE L. FIGUEROA

WILLIAM T. WOODS

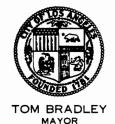
JERRY F. BARDWELL, Manager-Secretary

### CITY OF LOS ANGELES

**BOARD OF ADMINISTRATION** 

OLGA MARCUS PRESIDENT HENRY W. HURD VICE PRESIDENT

RICHARD S. AMADOR JOSE L. FIGUEROA WILLIAM T. WOODS COMMISSIONERS



CITY EMPLOYEES' RETIREMENT SYSTEM

360 EAST SECOND STREET BTH FLOOR LOS ANGELES, CA 90012-4207

> JERRY F. BARDWELL GENERAL MANAGER (213) 485-2824

December 31, 1991

To the Mayor and City Council of the City of Los Angeles

The annual report of the Board of Administration of the City Employees' Retirement System for the fiscal year ending June 30, 1991 is submitted in accordance with the provisions of Section 64 of the City Charter.

The City Employees' Retirement System is established by Article XXXIV of the City Charter. The System is under the exclusive management and control of a five-member Board of Administration. Three members are appointed by the Mayor, subject to the approval of the City Council, and two are employee-members elected by active members of the System.

#### CHANGES IN THE BOARD OF ADMINISTRATION

Commissioner William T. Woods, who had served on the Board since July 1, 1980, indicated his intention to resign when his term expired on June 30, 1991. He agreed to continue serving until a replacement could be nominated.

#### PORTFOLIO MANAGEMENT

#### BACKGROUND

The investments of the System are diversified with holdings in real estate, domestic and international stocks and fixed income securities. Active and passive strategies are used in the investment program. Active managers are hired on the basis of their historical performance and styles of management. The assets are managed by four fixed-income advisors: five equity advisors; one multi-asset advisor; and seven real-estate fund managers. Short term investments are managed by internal staff.

#### PERFORMANCE

Investment performance is measured by SEI Corporation, the Board's pension fund consultant. The returns are based on market value and, therefore, take into account all realized and unrealized market gains and losses. These rates of return are ranked relative to those for other managers in the SEI universe of public funds. Rankings for the years 1990-91 and 1989-90 are shown on the following table. The ranking is from 1 to 100, with a number 1 ranking representing the best performance. Real Estate information is from Institutional Property Consultants, the Board's real estate consultant.

	<u>1990-91</u>		<u>1989-</u>	<u>1989-90</u>	
	RETURN	RANK	RETURN	RANK	
CERS Equities	6.2	81	4.6	54	
CERS Bonds	10.6	44	6.6	70	
CERS Real Estate	0.8	N/A	N/A	N/A	
CERS TOTAL FUND	7.8	71	9.4	72	

The Fund's five-year performance relative to other indices is indicated below.

	<u>1990-91</u>	<u>1989-90</u>	<u>1988-89</u>	<u>1987-88</u>	<u>1986-87</u>
CERS Domestic Equities Standard and Poors 500	6.2% 7.4%	14.6% 16.5%	21.5% 20.5%	-5.3% -6.9%	20.9% 25.2%
CERS Bonds Shearson-Lehman Govt. Corp.	10.6%	6.6%	13.8%	8.0%	6.2%
(Medium Term)	10.2%	7.1%	12.3%	7.5%	4.7%
Salomon Bros. (Long Term)	10.8%	6.0%	16.2%	8.5%	5.6%
CERS - Int'l Index	-9.2%	N/A	N/A	N/A	N/A
MSCI - EAFE Index	-11.5%	N/A	N/A	N/A	N/A
Real Estate	5.2%	7.9%	N/A	N/A	N/A
IPC Index	-1.6%	4.8%	N/A	N/A	N/A
CERS TOTAL FUND	7.8%	9.4%	16.0%	2.2%	11.9%
Consumer Price Index	4.7%	4.7%	5.2%	3.9%	3.7%

#### REALIZED RETURNS

Rates of return reflecting realized income for the last five years on stocks, bonds, short-term investments, and real estate are indicated below:

	<u>1990-91</u>	<u>1989-90</u>	<u>1988-89</u>	<u>1987-88</u>	<u>1986-87</u>
Stocks	6.53%	14.75%	3.37%	6.39%	20.34%
Bond	8.65%	9.85%	2.11%	10.26%	12.27%
Cash Equivalents	8.20%	9.05%	9.45%	7.54%	6.37%
Real Estate	6.58%	7.71%	3.51%	N/A	N/A
TOTAL	7.89%	11.47%	11.19%	8.68%	14.45%

These returns, together with the City and member contributions, account for the rapid growth of the Fund. At the end of this fiscal year, the Fund had invested assets totalling \$2.8 billion compared with \$2.6 billion (at cost) at the end of the previous fiscal year. The following table of invested assets illustrates the Fund's growth in the last two years.

	<u>1991</u>		<u>1990</u>	
	COST	MARKET	COST	<b>MARKET</b>
Bonds Stocks Cash Equivale Real Estate	\$1,434,035,000 818,639,000 ents 472,895,000 104,031,000	\$1,444,290,000 970,335,000 472,895,000 104,031,000	\$1,345,966,000 779,307,000 414,687,000 56,065,000	\$1,334,633,000 938,225,000 414,687,000 56,065,000
TOTAL	\$2,829,600,000	\$2,991,551,000	\$2,596,025,000	\$2,743,610,000

### SIGNIFICANT CHANGES

#### INTERNATIONAL INVESTMENTS

The Board initially established its international portfolio using an index approach. In January, 1990, a fifty million dollar-Europe Australia Far East (EAFE) index was established using American Depository Receipts (ADR's). This approach allowed for investing in international markets, with the securities held in domestic depositories. In June the Board began the expansion of the international diversification with the release of two equity requests for proposal, one for a UK/Europe manager, the other for a Pacific Basin manager. The Board expects to allocate about \$130 million between the managers.

#### MASTER CUSTODIAN

The contract with Bank of New York to provide securities custody and securities lending was scheduled to expire on July 31, 1991. The Board intended to increase diversification in international equities, so two requests for proposal were issued in February 1991, one for domestic and one for international. A total of 35 responses (17 for International custody, and 18 for Domestic custody) were received.

Four custodians who could provide both services were selected and a review committee comprised of one Board member, the pension fund consultant, and staff members from Management, Investments, and Accounting, made site inspections of the facilities. As a result, two proposers made presentations before the Board. Northern Trust was selected for all custody and securities lending.

Respectfully Submitted,

BOARD OF ADMINISTRATION

OLGA MARCUS, President

### CITY EMPLOYEES' RETIREMENT SYSTEM

### INVESTMENT PORTFOLIO (000)

	June 30, 1991	Percent	June 30, 1990	Percent	Increase/(Decrease)
Short-term Investments (at Cost) Fixed Income	\$ 472,895	16.4	\$ 414,687	16.0	(\$ 58,202)
(at Amortized Cost) Stocks	\$1,434,035	49.7	\$1,345,966	51.8	(\$ 88,069)
(at Cost) Real Estate	\$ 818,639	28.3	\$ 779,307	30.0	\$ 39,332
(at Cost)	\$ 104,031	3.6	\$ 56,065	2.2	(\$ 47,966)
TOTAL	\$2,887,314	100.0	\$2,596,025	100.0	(\$291,289)

### **GENERAL STATISTICS**

	June 30, 1991	June 30, 1990
Active Members	23,572	23,871
Monthly Retirement Allowances	13,169,754	12,186,774
Retirement:		
Service Retirements	7,782	7,638
Disability Retirements	913	692
Survivorships	489	492
Continuance to Spouse of Deceased Retirees	1,644	1,784
Limited Pensions	4	4
Family Death Benefit Plan Beneficiaries	150	163
TOTAL	10,982	10,773

### SERVICE RETIREMENTS

	1990-91	1989-90
Average Age - New Retirees	61.17	60.99
Average Service Credit (Years - New Retirees)	24.91	24.62
Average Allowance Granted - New Retirees	\$1,827.29	\$1,712.79
Average Allowance Paid - All Retirees	\$1,382.03	\$1,277.40
_		

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Honorable Members of the City Council of the City of Los Angeles, California, and

Board of Administration
City Employees' Retirement System
of the City of Los Angeles, California

#### **INDEPENDENT AUDITORS' REPORT**

We have audited the accompanying balance sheets of the City Employees' Retirement System of the City of Los Angeles (the System) as of June 30, 1991 and 1990 and the related statements of revenue, expenditures and changes in reserves for the years then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audits.

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

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the City Employees' Retirement System of the City of Los Angeles as of June 30, 1991 and 1990, and the results of its operations for the years then ended in conformity with generally accepted accounting principles.

Los Angeles, California November 22, 1991

Queyada Mochen & Co

### CITY EMPLOYEES' RETIREMENT SYSTEM OF THE CITY OF LOS ANGELES BALANCE SHEETS

	June 30 1991 1990	
•	(in t	housands)
Assets		
Cash	\$ 3,265	\$ 2,411
Receivables:		
Accrued interest and dividends	36,346	40,015
Proceeds from sale of investments	14,639	3,539
Other receivables	3,464	5,621
Investments:		
Temporary, at cost	472,895	414,687
Bonds, at amortized cost	1,434,035	1,345,966
Common stocks, at cost	818,639	779,307
Real Estate, at cost	104,031	56.065
Total Assets	<u>\$2,887,314</u>	<u>\$2,647,611</u>
Liabilities and Reserves		
Accounts payable and accrued expenses	24,963	4,416
Reserve for Member Contributions	450,775	411 440
Reserve for City Contributions	2,233,029	411,448 2,058,012
Reserve for Family Death Benefits	15,905	15,027
Reserve for Health Benefits	15,903 162,642	158,708
NOSCITO IOI II CAINI DONCING	102,072	
Total Reserves	2.862.351	2.643,195
Total Liabilities and Reserves	\$2,887,314	<b>\$</b> 2,647,611

The notes are an integral part of these financial statements.

# CITY EMPLOYEES' RETIREMENT SYSTEM OF THE CITY OF LOS ANGELES STATEMENTS OF REVENUE AND EXPENDITURES FOR THE YEARS ENDED JUNE 30

Revenue		
City contributions  Member contributions	\$151,293 41,790 193,083	\$146,392 37,085 183,477
Investment Income: Interest Dividends Real Estate Net Gain on sale of investments	158,810 28,991 5,768 19,592 213,161	142,880 33,936 3,230 99,377 279,423
Total Revenue	406,244	462,900
Expenditures		
Pensions: Retirement allowances Health insurance benefits Family death benefit insurance Refund of members' contributions Administrative expenses  Total Expenditures	152,235 17,403 638 8,573 8,239 187,088	140,961 14,434 644 7,225 
Excess Of Revenue Over Expenditures	<b>\$</b> 219,156	\$292,526

The notes are an integral part of these financial statements.

OF THE CITY OF LOS ANGELES
NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1991 AND 1990

Summary of Significant Accounting Policies

General Information

The City Employees' Retirement System of the City of Los Angeles (the System) is under

the exclusive management and control of the Board of Administration whose authority is

granted by the Los Angeles City Charter (Article XXXIV).

The accounting records are maintained on the accrual method and the System follows the

accounting principles and reporting guidelines as set forth in Statement 1, Governmental

Accounting and Financial Reporting Principles, issued by the National Council on

Governmental Accounting.

Reserve for Retirement Allowances

As provided in the Los Angeles City Charter, the City Employees' Retirement System is

maintained on a reserve basis, determined in accordance with accepted actuarial methods.

<u>Investments</u>

Investments in bonds are carried at amortized cost. Bonds that are held to maturity are

redeemed at par. Exchanges of bonds are accounted for pursuant to the deferral and

amortization method, whereby the amortized cost of the bonds disposed of is transferred to

the cost of the bonds acquired, plus or minus any cash principal differentials.

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OF THE CITY OF LOS ANGELES
NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1991 AND 1990

Resulting premiums and discounts are recorded as yield adjustments and amortized against

investment income to be realized from the bonds acquired. Investments in common stock,

real estate and temporary investments are carried at cost.

Income from Investments

The Los Angeles City Charter provides that income from investments, exclusive of capital

gains or losses on investments, shall be credited to member reserve accounts and to City

reserve accounts. Realized capital gains and losses on investments are recognized in the

City's actuarial funding calculation.

Plan Description

The System operates as a single-employer defined benefit plan. The City of Los Angeles

and eligible employees contribute to the System based upon rates recommended by an

independent actuary and adopted by the Board of Administration. Employee and employer

contributions are invested and the earnings and contributions are used for monthly payments

to retired members.

Employer contributions are expressed as a percentage of applicable payroll. Members who

entered the System prior to February, 1983 contribute from 8.64% to 12.94% of their

salaries based upon the age they entered the System, however contributions are subsidized

by the City under a collective bargaining agreement (see note on Defrayal of Portion of

Member Contributions). Members entering subsequent to February, 1983 contribute a flat

rate of 6%.

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### OF THE CITY OF LOS ANGELES NOTES TO FINANCIAL STATEMENTS JUNE 30, 1991 AND 1990

Members of the plan have a vested right to their own contributions and accumulated investment earnings. After five years of employment, members are eligible for future retirement benefits, which increase with length of service. If a member with five or more years of service terminates employment, the member has the option of receiving retirement benefits when eligible or withdrawing from the System and having his or her contributions and accumulated investment earnings refunded. Benefits are based upon age, length of service, and compensation.

### Actuarial Valuation and Update for Purposes of Uniform Disclosure

For purposes of uniform disclosure as required by Statement 5 of the Governmental Accounting Standards Board (GASB), the System engages an independent actuary to perform an annual actuarial valuation in conformance with GASB methodology. The latest such valuation was performed using the projected unit credit method as required by GASB as of June 30, 1991 with an 8% interest earnings assumption and a 6% assumption for annual salary increases which is comprised of a 3% inflation factor and 3% for merit increases.

### Funding Status and Progress

The amount shown below as "pension benefit obligation" is a standardized disclosure measure of the present value of pension benefits, adjusted for the effects of projected salary increases, estimated to be payable in the future as a result of employee service to date. The measure is the actuarial present value of credited projected benefits and is intended to help users assess the System on a going concern basis, assess progress made in accumulating sufficient assets to pay benefits when due, and make comparisons among other pension funds.

At June 30, 1991 and 1990, the unfunded pension benefit obligation was \$628.2 million and \$639.2 million, respectively as follows (amounts in thousands):

Pension benefit obligation:	1991	1990
Retirees and beneficiaries currently receiving benefits and terminated employees not yet receiving benefits	\$ 1,729,600	\$1,617,041
Current employees:		
Accumulated employee contributions Employer-financed vested	450,775 	411,448 _1.080.170
Total Pension Benefit Obligation	3,312,025	3,108,659
Net Assets Available for Benefits, at cost (Market is \$2,835,654 and \$2,790,780)	2.683.804	<u>2,469,460</u>
Unfunded Pension Benefit Obligation	<b>\$</b> 628,221	<u>\$ 639,199</u>

For purposes of determining the funding requirements of the System, the actuarial valuation for net assets available for benefits is calculated using a "blended" or an average of cost and market value. For purposes of this report the net assets available for benefits is stated at cost which results in a different unfunded pension benefit obligation. The actuarial valuation for unfunded pension benefit obligation at June 30, 1991 and 1990 was \$552.3 million and \$565.4 million, respectively.

The City is currently advance funding retiree health benefits for current retirees and for active members eligible to retire. Beginning with the 1987 actuarial valuation, the health benefit liability for retirees and those active members eligible to retire have been determined separately from the pension benefit obligation. A reserve for health benefits has been established and as of June 30, 1991, \$162.6 million had been transferred to the reserve to reflect the amount funded before 1987.

At June 30, 1991 and 1990, the unfunded health benefit liability was \$322.7 million and \$245.1 million, respectively as follows (amounts in thousands):

	<u>1991</u>	<u>1990</u>
Health Benefit Liability:		
Retired Members Active Members	\$ 267,124 	\$ 221,506 182,349
Total Health Benefit Liability	489,991	403,855
Reserve for Health Benefits	<u> 167.243</u>	_158,708
Unfunded Health Benefit Liability	<u>\$ 322,748</u>	<u>\$ 245,147</u>

### Contributions Required and Contributions Made

The System's funding policy provides for periodic employer contributions at actuarial determined rates that, expressed as percentages of annual covered payroll together with certain fixed amounts, are sufficient to accumulate the required assets to pay benefits when due.

The contributions to the System for the fiscal years ended June 30, 1991 and 1990 of \$193.1 million and \$183.5 million, respectively were made in accordance with actuarial determined requirements computed through the above mentioned actuarial valuation. The contributions consisted of the following (in millions):

	1	.991	1990				
•	Amount	Percentage of current covered payroll	Amount	Percentage of current covered payroll			
Covered Payroll	<u>\$ 833.1</u>	100%	<u>\$815.8</u>	100.00%			
Normal Cost	45.1	5.41	46.5	5.70%			
Amortization of the Unfunded Actuarial Accrued Liability	97.0	11.64	85.7	10.50%			
Contribution for Prefunding Health Care Subsidy	9.2	1.10	14.2	1.74%			
Total City Contribution Employee Contribution	151.3 41.8	18.15 5.02	146.4 37.1	17.94% 4.55%			
Total	<u>193.1</u>	23.17	<b>\$</b> 183.5	22,49%			

### **Deposits and Investments**

The System maintains all deposits and investments with its Custodian Trustee, except for \$3.3 million, held by the City Treasurer of the City of Los Angeles at year end.

Funds are invested pursuant to the Los Angeles City Charter and the System's investment policy. In addition, Board resolutions, with limited exceptions, prohibit deposits and investments with financial institutions having specified relations with either the government of South Africa or certain private entities doing business with or in South Africa.

Investments are categorized to give an indication of the level of risk assumed by the System at year end. Category 1 includes investments that are held by the System or its agent in the System's name. Category 2 includes uninsured and unregistered investments for which the securities are held by the broker's or dealer's trust department or agent in the System's name. Category 3 includes uninsured and unregistered investments for which the securities are held by the broker or dealer, or by its trust department or agency but not in the System's name.

### OF THE CITY OF LOS ANGELES NOTES TO FINANCIAL STATEMENTS JUNE 30, 1991 AND 1990

At June 30, 1991 and 1990, the carrying value and market value of investments were as follows (in thousands):

		Cat	egory 1	
	19	91	1	990
		Market		Market
Investment Type	Cost	<u>Value</u>	<u>Cost</u>	<u>Value</u>
Temporary	\$ 472,895	\$ 472,895	\$ 414,687	\$ 414,687
Bonds	1,434,035	1,444,290	1,345,966	1,334,633
Stocks	818,639	970,335	779,307	938,225
Real Estate	104.031	104.031	56.065	56,065
	\$2,829,600	\$2,991,551	\$2,596,025	\$2,743,610

There were no Category 2 or 3 investments at June 30, 1991 and 1990.

### Securities Lending

The System has entered into various short-term arrangements with its Custodian Trustee whereby securities were loaned to various brokers. The cost basis of securities lent were \$835.1 and \$411.1 million as of June 30, 1991 and 1990, respectively. The market values were \$842.8 million and \$423.5 million as of June 30, 1991 and 1990, respectively.

These lending arrangements were collateralized by cash and marketable securities and by irrevocable letters of credit. The amount of the cash and securities collateralized was \$857.5 and \$439.7 million as of June 30, 1991 and 1990, respectively.

These agreements provide for the return of the securities and for a payment of: a) a fee, when the collateral is marketable securities or irrevocable letters of credit or b) interest earned on cash collateral on deposit. The securities on loan to the brokers continue to be shown at their cost basis on the balance sheets.

# CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM VALUATION OF RETIREMENT BENEFITS

### Actuarial Balance Sheet As Of June 30, 1991

	Assets		
1.	Applicable Assets	_	\$2,759,729,180
2.	Present Value of Future Member Contributions		643,725,340
3.	Present Value of Future Contributions by the City f	for:	
	<ul> <li>a. Basic Pensions</li> <li>i. Normal Costs</li> <li>ii. Amortization of Certain Liabilities</li> </ul>	532,177,814 197,424,707	729,602,521
	<ul> <li>b. Cost-of-Living Pensions</li> <li>i. Normal Cost</li> <li>ii. Amortization of Certain Liabilities</li> </ul>	182,566,105 354,871,419	537,437,524
4.	Total Assets		\$4,670,494,565
	Liabilities		
5.	Present Value of Benefits Already Granted (Pensioners and Beneficiaries)		
	a. Basic b. Cost-of-Living	1,063,122,256 666,477,841	1,729,600,097
6.	Present Value of Benefits to be Granted (Actives)		
	a. Basic b. Cost-of-Living	2,360,613,252 580,281,216	2,940,894,468
7.	Total Liabilities		\$4,670,494,565

### CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

### Funded Status At June 30, 1991

In order to assess the funded status of the System, disclosure of a standardized measure of pension liability is required by Government Accounting Standards Board (GASB) Statement No. 5 - Disclosure of Pension Information by Public Employee Retirement Systems and State and Local Governmental Employers. This measure of funded status compares the present value of benefits accrued to June 30, 1991 to the value of accumulated plan assets. For retired Members and beneficiaries, the present value of remaining benefit payments is disclosed. For active Members, the present value of the benefits accrued to June 30, 1991 is disclosed. In the latter calculation, we calculate accrued benefits based upon service to June 30, 1991. We also recognize assumed future salary increases. GASB No. 5 covers only pension type benefits provided by public employee retirement systems.

Under GASB Statement No. 12, Disclosure of Information on Post Employment Benefits Other Than Pensions by State and Local Government Employers, issued in November 1989, the expenditures and expenses for the period are the only financial information that needs to be disclosed for post-retirement health subsidy benefits. However, the statement encourages more complete disclosures of information, if available. Therefore, we have included a GASB No. 5 figure for the health subsidy benefits of the System in this report, as if GASB No. 5 applied to health subsidy benefits.

On the next page, we present the funded status of the System under GASB No. 5, along with a comparison of the System's funded status in the prior year. The current System assets available for retirement benefits are 161% of the present value of retirement benefits for current retired Members and their beneficiaries. When the present value of accrued retirement benefits for active Members is added, the System assets available for retirement benefits represent 83.3% of the total present value of accrued retirement benefits on June 30, 1991. This funded ratio increased slightly since the last valuation, primarily due to a return on assets which was slightly greater than the 8% assumed.

Current health subsidy reserves are 62.6% of the present value of health subsidy benefits for current retired Members. When the present value of health subsidy benefits for active Members with ten or more years of service is added, the funded ratio becomes 34.1%.

The combined funded ratio for retirement and health subsidy benefits is 77.0%.

#### Funded Status Percent June 30,1991 June 30, 1990 Change Retirement Benefits Present Value of Retirement Benefits Earned Retired Members and Beneficiaries \$1,729,600,097 \$1,617,040,898 +7.0% Active Members 1,582,425,209 1,491,617,808 +6.1% Total \$3,312,025,306 \$3,108,658,706 +6.5% Actuarial Value of Assets Available for Retirement Benefits \$2,543,254,085 \$2,759,729,180 +8.5% Funded Ratio for Retirement Benefits 83.3% 81.8% +1.8% **Health Subsidy Benefits** Present Value of Health Subsidy Benefits Earned Retired Members \$267,123,952 \$221,505,504 +20.6% Active Members With Ten or More Years of Service 222,866,614 182,349,483 +22.2% Total \$489,990,566 \$403,854,987 +21.3% Actuarial Value of Assets Available for Health Subsidy Benefits \$167,242,910 \$158,708,335 +5.4% Funded Ratio for Health Subsidy Benefits 34.1% 39.3% -13.2% Combined Retirement and Health Subsidy Funded Ratio 77.0% 76.9% +0.1%

# CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM VALUATION OF RETIREMENT BENEFITS

Recommended City Contribution	ons For Fiscal Year 19	92 - 1	1993
	Percentage of Salary	plus	Fixed Dollar Amount
For Basic Retirement Benefits	٠		
Normal Cost	4.31%		
Prior Service-Minimum Pensions (amortize level dollar amount until June 30, 1997)	ed as a		\$927,955
Unfunded Actuarial Accrued Liability	2.65%		
Total Contributions for Basic Retirement Benef	its 6.96%	plus	\$927,955
For Cost-of-Living Retirement Benefits			
Normal Cost	1.43%		
Increase due to 1967 Amendment (Amortiz level dollar amount until June 30, 1997)	ed as a		\$1,796,547
Unfunded Actuarial Accrued Liability	3.76%		
Total Contributions for Cost-of-Living Retirement Benefits	5.19%	plus	\$1,796,547
Total Basic and Cost-of-Living Contributions for Retirement Benefits	or 12.15%	plus	\$2,724,502

### CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

### **Summary Of Retirement Benefits**

1. Eligibility: Members are eligible on their first day of City employ-

ment

2. Final Compensation: Highest 12-month average salary.

3. Service Retirement:

A) Eligibility: Age 55 with 10 years of service, or any age with 30 years

of service, or age 70.

B) Benefit:

Beta Formula: 2.16% of Final Compensation for each year of service.

Prior Formula: 2% of Final Compensation for each year of service that

Beta Formula does not apply.

C) Reduction for Early

Retirement:

Beta Formula: Unreduced for retirement after age 60, or after age 55

with at least 30 years of service. Reduction factors apply

for earlier retirement.

Prior Formula: Unreduced for retirement after age 58-3/4. Reduction

factors apply for earlier retirement.

D) Form of Payment: Benefit payable for life with 50% continuance to eligible

spouse if employee had that coverage at time of retirement. Larger continuances are available with actuarial

reduction.

4. Disability Retirement:

A) Eligibility: Five years of continuous service and physically or men-

tally incapacitated so unable to perform duties of posi-

tion.

B) Benefit: 1/70 of Final Compensation per year of continuous

service. If service is less than 23-1/3 years, then service is projected to retirement, with a maximum service of

23-1/3 years.

C) Form of Payment: Benefit payable for life with 50% continuance to eligible

spouse if employee had this coverage at time of retire-

ment.

5. Deferred Service Retirement:

A) Eligibility: Five years of service prior to termination of City service.

Member must leave contributions on deposit and apply

in writing within three years of termination.

B) Benefit: Same as Service Retirement payable anytime after age

55, provided at least 10 years have elapsed from date of

original membership (or anytime after age 70).

C) Form of Payment: Same as Service Retirement.

6. Pre-retirement Death Benefits:

A) Not Eligible for Disability

or Service Retirement: Member receives (i), (ii), and (iii) where:

(i) = Accumulated contributions with interest.

(ii) = Limited monthly pension equal to half the average monthly salary for the year before death. Benefit is payable to surviving spouse, minor children, or dependent parents, and is payable for a period of 2 months times the number of completed years of service, to a maximum

of 12 months.

(iii) = Family Death Benefit Insurance Plan benefit, if a

qualified Member.

B) Eligible for Disability
Retirement or Duty-Related

Death:

Member receives (i) and (ii) where:

- (i) = 60% of the benefit the Member would have received if he or she had been granted a disability benefit on the day before death, payable for the lifetime of the Member's spouse.
- (ii) = Family Death Benefit Insurance Plan benefit, if a qualified Member.
- C) Eligible for Service Retirement:

Surviving spouse receives a lifetime benefit equal to 100% of the benefit the Member would have been entitled to if he or she had been granted an Option 1 (Joint and 100%) actuarially reduced Service Retirement benefit on the day before death.

Benefits under the Family Death Benefit Insurance Plan are not available.

Surviving spouse may elect A or B in lieu of C.

7. Post-retirement Death Benefits:

Member receives (i), (ii), and (iii), where:

- (i) = 50% continuance to surviving eligible spouse, if covered under the plan.
- (ii) = Return of unused contributions and interest (provided normal cash refund annuity was selected) and any accrued but unpaid retirement allowance.
- (iii) = \$500 death benefit allowance for burial expenses.
- 8. Post-retirement Cost-of-Living Benefits:

Each July 1, the benefits are increased by the percentage increase in CPI (to a maximum of 3%). Increases in CPI above 3% are "banked" to apply in years when CPI increase is less than 3%.

If benefit has been paid less than 12 months, the 3% increase is proportionately decreased.

9. Employee Contributions: Pre-February, 1983 participants:

Members are assumed to contribute per the schedule effective July 1, 1981. To the extent that Members contribute less than the full rates, the City should contribute 75% of the amounts otherwise paid by the Mem-

ber.

Post-January, 1983 participants:

Members contribute 6% of pay.

10. Family Death Benefit Insurance Plan:

A) Eligibility: Employee may elect coverage after 18 months of City

retirement service.

B) Benefits: Benefits similar to those provided by Social Security

Survivors' Insurance are payable if Member dies in active service after 18 months of Family Death Benefit

Plan membership.

C) Cost: It is recommended that the Member and City each con-

tribute \$2.90 per month.

CITY OF LOS ANGELES EMPLOYEE'S RETIREMENT SYSTEM

DISTRIBUTION OF PENSIONERS BY PLAN VEAR OF RETIREMENT AND BY ATTAINED AGE AS OF JUNE 30, 1991

TOTAL FOR ALL PENSIONERS

						Ret	irement	s in PI	Retirements in Plan Year Beginning	Beginn	ing in							
ATTAINED . AGE	1977	1977	1978	1979	1980	1961	1982	2 1983	3 1984	1985	5 1986	1987	1988	-	1989	1990	TUTAL	AVERAGE
0 - 39	က	0	0	9	9	9	S	9	က	2	7		4 5		13	4	74	7,881
40 - 44	7	0	7	6	6	9	7	9	80	7	10	,-	6	•	7	6	108	8,497
45 - 49	22	2	=	9	12	7	30	8	9	5	7	6	=	_	9	2	132	9.144
50 - 54	31	6	16	24	6	6	7	13	Ξ	Ξ	13	01	) 23		19	60	213	8,880
55 - 59	47	6	Ξ	4	19	20	Ξ	15	13	15	9	97	139		163	191	799	18,251
60 - 64	06	27	34	30	44	87	126	147	169	139	171		148		171	127	1670	18,035
69 - 69	225	94	176	140	140	151	275	237	178	141	165	144	145		92	92	2379	16,975
70 - 74	296	181	209	189	185	174	145	134	134	74	85	63	37		37	17	2260	14.060
75 - 79	829	124	132	100	16	78	52	33	31	23	13	9	9		8	S	1510	11,822
80 - 84	854	35	32	22	2.1	15	10	9	-	2	-		4		2	-	1014	9,240
85 - 89	495	2	2	0	0	0	0	-	0	0	0	0	0	_	0	0	200	8,015
90 - 94	199	-	-	0	0	0	0	0	0	0	-	0	0		_	0	203	6,941
OVER 95	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0
TOTAL	3398	487	631	537	521	550	646	603	554	429	538	502	527	516		423	10862	
AVERAGE Benefit Amount	9,036	12,583	13.217	13,276	9,036 12,583 13,217 13,276 12,892 14,582	14,582	17,880	17,880 17,333	17,503	17,503 17,091 18,119 18,917	18,119	18,917	18,823 19,623	19,62	23 20,652	652		

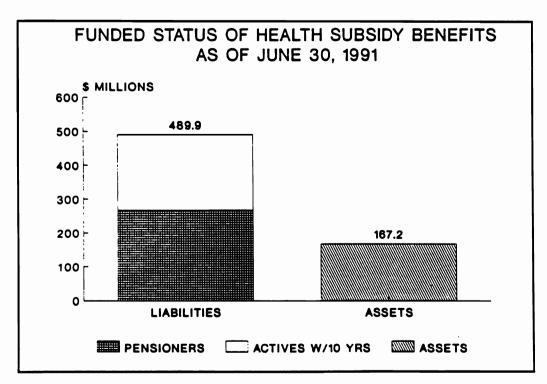
AVEHAGE BENEFIT AMOUNT: \$14,187 TOTAL ANNUAL BENEFITS: \$154,100,546

# CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM VALUATION OF HEALTH SUBSIDY BENEFITS

### Funded Status Of Health Subsidy Benefits At June 30, 1991

This information is calculated using the guidelines of GASB No. 5 (see page 5). These figures do not include assets or liabilities of the retirement benefits of the System.

Present Value of Health Subsidy Benefits Accrued to June 30, 1991	
- Retired Members	\$267,123,952
- Active Members with Ten Years of Service	222,866,614
- Total	489,990,566
Actuarial Value of Assets Available for Health Subsidy Benefits	\$167,242,910
Funded Ratio	34.1%



### Recommended City Contribution For Health Subsidy Benefits For Fiscal Year 1992-1993

		Dollar Amount	Percent of Pay
1.	Normal Cost at June 30, 1991	\$ 9,621,075	1.12%
2.	Actuarial Accrued Liability at June 30, 1991	489,990,566	
3.	Actuarial Value of Assets Available for Health Subsidy Benefits at June 30, 1991	167,242,910	_
4.	Unfunded Actuarial Accrued Liability (UAAL) (2) - (3)	322.747.656	_
5.	Amortization of UAAL  Initial Base as a Level Percent of Pay through June 30, 2004  6/30/89 Change in Assumptions	5,195,972 957,693	.60%
	- 6/30/89 Change in Funding - Actuarial Loss from 1989 to 1990 - Actuarial Loss from 1990 to 1991 Total	5,975,542 4,370,878 <u>4,650,544</u> 21,150,629	.69% .51% <u>.54%</u> 2.45%
6.	Recommended Contribution: (1)+(5)	\$30,771,704	3.57%

### CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

### **Summary Of Health Subsidy Benefits**

Eligibility:

Members who retire with ten years of service. Subsidy

begins at age 55.

Subsidy:

### Medical

For retired Members under age 65 or 65 and over with only Medicare Part B:

A percentage of the Maximum Subsidy, or the actual premium paid to a City approved health carrier, if less.

The percentage is 4% for each year of service, up to a maximum of 100% after 25 years.

Maximum Subsidy: The maximum is the rate currently paid for active City employees. As of July 1, 1991, this amount is \$447 per month.

For retired Members age 65 and over with Medicare Parts A and B:

A percentage of the premium paid to a City approved health carrier. The percentage is 75% with 10 - 14 years of service, 90% for 15 - 19 years of service and 100% for 20 years of service or more. Medicare Part B premiums are also paid.

#### Dental

4% per year of service to a maximum of \$26.15 for Connecticut General and \$9.00 for Safeguard.

Mortality: 1971 Group Annuity Mortality Table, with a one year

age setback for males and a five year age setback for

females.

Probability of Termination

of Employment:

Same rates as used in valuation of retirement benefits.

See retirement report for details.

City Medical Plan Coverage: 80% of all retirees are assumed to receive a subsidy for

a City approved health carrier.

Spouses and Dependents: 90% of male and 65% of female retirees who receive a

subsidy are assumed to be married and elect dependent

coverage.

Medicare Coverage: 85% of retirees are assumed to elect Medicare Parts A

& B.

Dental Coverage: 65% of retirees are assumed to elect dental coverage.

Funding Method: Projected Unit Credit Cost Method.

Asset Valuation Method: An asset value equal to the average of book and market

values was used in determining annual funding require-

ments.

### CITY OF LOS ANGELES CITY EMPLOYEES' RETIREMENT SYSTEM

### Summary Of Actuarial Assumptions And Methods Used For Valuation Of Health Subsidy Benefits

Methods: Future cash flows were projected by applying medical

trend rate factors to current annual claim rates. The prefunding of these cash flows is determined using the

Projected Unit Credit Funding Method.

Discount on Projected

Cash Flows:

8% per year.

Medical Trend Rates:

Year	Increase
1991-1992	13.0%
1992-1993	12.0%
1993-1994	11.5%
1994-1995	11.0%
1995-1996	10.5%
1996-1997	10.0%
1997-1998	9.5%
1998-1999	9.0%
1999-2000	8.5%
2000-2001	8.0%
2001-2002	7.5%
2002+	7.0%

CITY OF LOS ANGELES EMPLOYEE'S RETIREMENT SYSTEM

DISTRIBUTION OF PENSIONERS BY PLAN YEAR OF RETIREMENT AND BY ATTAINED AGE AS OF JUNE 30, 1991

TOTAL FOR ALL PENSIONERS

24000	AMOUNT	7,881	8,497	9.144	8.880	18,251	18,035	16,975	14,060	11,822	9,240	8,015	6,941	0		
	TOTAL	74	108	132	213	799	1670	2379	2260	1510	1014	200	203	0	10862	
	1990	14	6	2	<b>. co</b>	191	127	9/	11	ഗ	-	0	0	0	423	20,652
	1989	13	1	9	19	163	171	92	37	7	S	0	-	0	516	,623 20
	1988	S	6	Ξ	23	139	148	145	37	9	4	0	0	0	527	1,823 19
	1987	4	1	6	10	97	160	144	63	9	7	0	0	0	502	91 716.8
o to	1986	7	10	7	13	65	171	165	82	13	-	0	-	<b>.</b>	538	91 611.1
tirements in Plan Year Beginning in	1985	S	7	6	Ξ	15	139	141	74	23	2	0	0	0	429	17,880 17,333 17,503 17,091 18,119 18,917 18,823 19,623
Year B	1984	က	<b>6</b> 0	9	Ξ	13	169	178	134	31	-	0	0	0	554	7,503 1
in Plan	1983	က	9	60	13	15	147	237	134	33	9	-	0	0	603	7, 333 1
ements	1982	S	^	80	7	=	126	275	145	52	0.	0	0	0	646	7,880 1
Retin	1981	e	9	,	6	20	8 7	151	174	7.8	15	0	0	0	550	_
	1980	9	6	12	6	19	4	140	185	9/	21	0	0	0	521	2,892 1
	1979	e	თ	9	24	4	30	140	189	100	22	0	0	0	537	3,276
	1978	0	7	Ξ	16	Ξ	34	176	209	132	32	2	-	0	631	13.217
	1977	0	0	S	6	6	27	94	181	124	35	7	-	0	487	9,036 12,583 13,217 13,276 12,892 14,582
	1977	e	7	22	31	47	90	225	969	829	854	495	199	0	3398	9.036
	ALIAINED	0 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	69 - 59	70 - 74	75 - 79	80 - 84	85 - 89	90 - 94	OVER 95	TOTAL	AVERAGE BENEFIT AMOUNT

AVERAGE BENEFIT AMOUNT: \$14,187 TOTAL ANNUAL BENEFITS: \$154,100,546