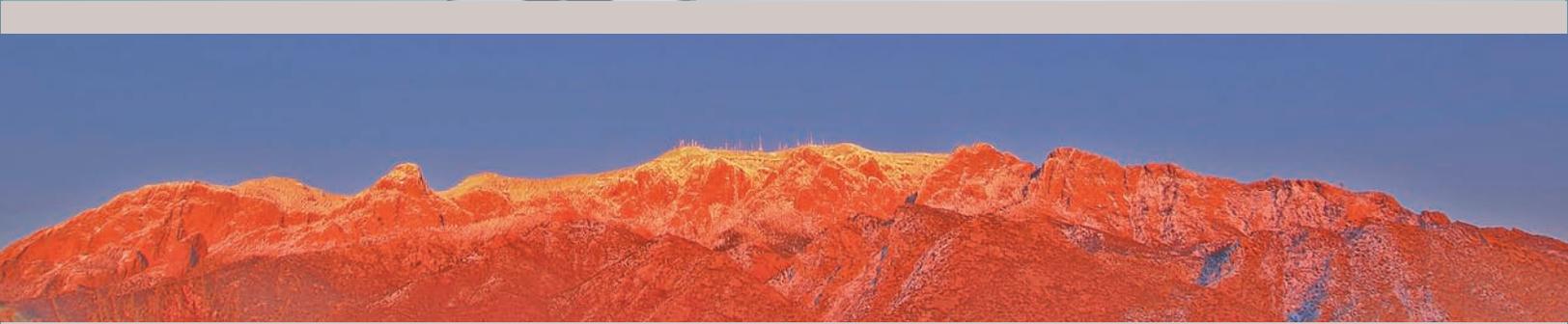


**NMERB**

**ANNUAL**

**REPORT**

**2007**







**NEW MEXICO  
EDUCATIONAL  
RETIREMENT  
BOARD**

**ANNUAL REPORT**

**Fiscal Year Ended June 30, 2007**

Prepared By ERB Staff  
Educational Retirement Board  
701 Camino de los Marquez  
Santa Fe, NM 87105  
Phone (505) 827-30  
Fax (505) 827-1855

**[nmerb.org](http://nmerb.org)**

# Mission of the Educational Retirement Board

The New Mexico Educational Retirement Board is a statutory entity that provides secure retirement benefits for our active and retired members from school districts, higher education and educational agencies.

We strive to make our members' retirement experience optimal by:

- » Prudently managing the financial assets of the fund;
- » Providing prompt, courteous and accurate responses to members' inquiries;
- » Counseling members on an individual basis related to retirement issues;
- » Educating members about both the financial and personal aspects of retirement;
- » Educating members about ways to advocate for improving benefits; and
- » Soliciting member input for improving services.

We are consistently building the skills capacities and competencies of our employees in order to provide our members caring and quality service.



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# INTRODUCTORY SECTION



Jan Goodwin  
Executive Director

Jeffrey M. Riggs  
Deputy Director

STATE OF NEW MEXICO  
*Educational Retirement Board*

701 CAMINO DE LOS MARQUEZ  
SANTA FE, NEW MEXICO 87505  
PHONE: (505) 827-8030  
FAX: (505) 827-1855  
www.nmerb.org

*Members:*  
Bruce Malott, *Chairperson*  
Mary Lou Cameron, *Vice Chairperson*  
Gary Bland, *Secretary*  
H. Russell Goff  
Dr. Pauline H. Turner  
Dr. Veronica C. Garcia  
James B. Lewis

September 2, 2008

Dear Members, Retirees and Friends:

We are pleased to present the Annual Financial Report for the fiscal year ended June 30, 2007. This year marked the completion of the 50<sup>th</sup> year of the New Mexico Educational Retirement Board's, (NMERB), service to the educators of New Mexico. We are proud of our accomplishments in providing excellent retirement benefits, sound financial management and a high degree of service to our members.

The responsibility for both the accuracy of the data and the completeness and fairness of the report rests with the staff of the NMERB. To the best of their knowledge and judgment, this report represents an accurate presentation in all material aspects of the financial and actuarial status of the program.

This year's report continues to show strong positive long-term investment performance. Our portfolio has become more diversified which leads to lower overall volatility and contributes to maximizing returns and minimizing risks. This model is consistent with the NMERB's fundamental investment principles that focus on preserving the long-term value of the fund while producing the resources needed to meet the system's benefit obligations.

It is important to remember that the NMERB's assets are invested for the long term. Our obligation is to produce a very competitive long-term return that meets the system's funding requirements at an acceptable risk level.

The ultimate test of whether a retirement system is financially sound is whether it can meet all of its promised benefits as they come due. The 2007 actuarial report showed that ERB's funding period had climbed far higher than the Governmental Accounting Standards Board, (GASB), recommendation of a 30-year funding period. Thanks to the contribution increase granted by the 2005 New Mexico Legislature and Governor Bill Richardson, the NMERB fund is projected to be in compliance with the GASB standard by 2011. While investments, on average, have met or exceeded goals set by actuarial calculations, contributions to the fund had not been increased since 1992.

During the past year, the Board and Staff of NMERB have made decisions with an eye to the future. Our goals remain to ensure the long-term safety and security of our member's retirement and to work toward maintaining the benefits provided by the NMERB.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce Malott".

Bruce Malott, CPA, CFP, CVA  
Chairman, New Mexico Educational Retirement Board

## NM EDUCATIONAL RETIREMENT BOARD OF TRUSTEES



Bruce Malott,  
Chairperson

Term expires  
June 10, 2007



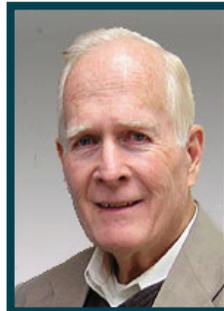
Veronica Garcia,  
Member

Ex-Officio



Marylou Cameron,  
Vice Chairperson

Term expires  
July 14, 2009



Russell Goff  
Member

June 30, 2008



Gary Bland,  
Secretary

Term expires  
June 10, 2007



Dr. Pauline Turner,  
Member

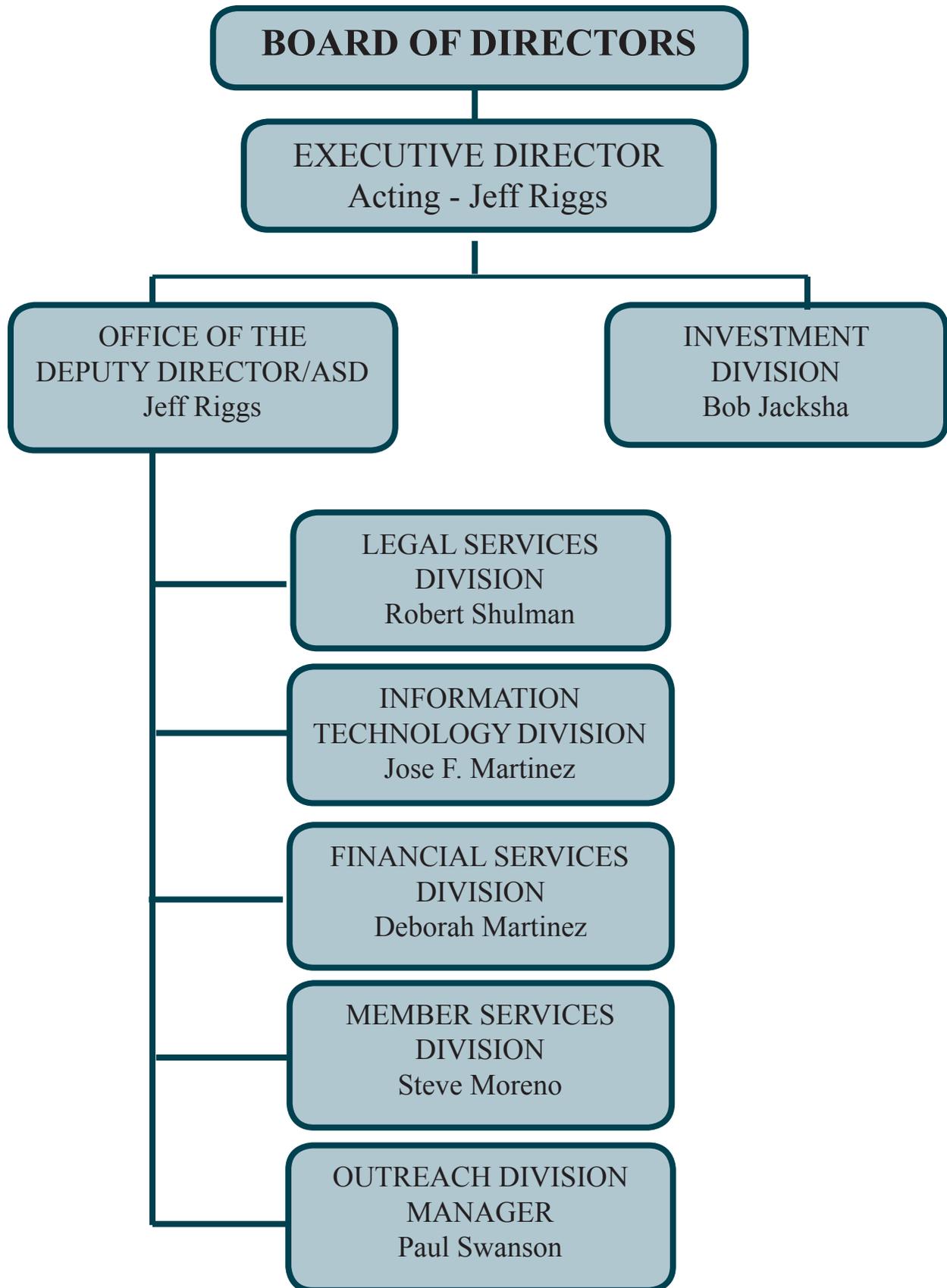
June 30, 2008



James B. Lewis  
Member

Ex-Officio

# INTRODUCTORY SECTION



## NM Educational Retirement Board Staff

### Administration

Vacant, Executive Director  
Jeff Riggs, Acting Director

### Program Support

Patrice Armstrong, Administrative Services Manager  
Debbi Lucero, Administrative Services Coordinator  
Bernadette Montoya, Executive Assistant  
Judith Wils, Administrative Assistant  
Louisa Padilla, Records/Imaging Clerk  
Darlene Gibbs, Imaging Clerk  
Mary Olague, Imaging Clerk  
Celestino Archuleta, Plant/Systems Operator

### Legal Services

Robert Shulman, Attorney  
Julie Naidich, Legal Assistant

### Information Technology

Jose Martinez, Information Systems Manager (Vacant), Computer Software Engineer  
Jonas, Aylward, Database Administrator  
Dale Goar, Computer Systems Analyst  
Gregory Trujillo, Computer Support Specialist

### Pension Project

Robert Rivera, Project Manager

### Investments

Bob Jacksha, Chief Investment Officer  
Frank Foy, Deputy Chief Investment Officer  
LeAnne Larranaga-Ruffy, Investment Officer  
Steve Neel, Investment Officer  
Selma Arnold, Financial Analyst

### Financial Services

Deborah Martinez, Chief Financial Officer  
Lawrence Davis, Accountant Specialist  
Georgia Desjarlais, Financial Specialist  
Kathy Blea, Accountant and Auditor  
Rita Sanchez, Bookkeeper  
Veronica Chavez, Bookkeeper  
Angelina Romero, Bookkeeper  
Stephanie Vigil, Bookkeeper

### Member/Employer Outreach

Paul Swanson, Outreach Manager  
Michelle Duran, Financial Advisor  
Jinny Doxey, Financial Advisor  
Leonor Marrujo, Financial Advisor  
Anders Engstrom, Financial Advisor  
Anna Leyba, Customer Service Rep.

### Member Services

Steve Moreno, Member Services Division Director  
Karla Leyba, Financial Advisor  
Melinda Marquez, Financial Advisor  
Connie Sanchez, Financial Advisor  
Rose Tapia, Financial Advisor

### Pension/Refund Section

Shari LaCome, Benefit Administrator  
Jessica Sisneros, Benefit Specialist  
Raul Duran, Refund Administrator  
Nicole Duran, Refund Specialist

### Customer Service Section

Kathy Webb, Section Supervisor  
Cordelia Anaya, Customer Service Rep.  
Elora Romero, Customer Service  
Cynthia Martinez, Customer Service Rep.

## Consultants and Professional Services

To assist the Board and administration in carrying out its fiduciary duty regarding the prudent investment of the fund's assets, the Board has hired an actuarial firm and investment consultant.

Garbriel, Roeder, Smith & Co. is the actuarial firm chosen by the Board and is responsible for:

- Certifying the adequacy of the contribution rate used by the System;
- Measuring and reporting the assets and liabilities of the System; and
- Reviewing and analyzing trends in the System's contributions.

New England Pension Consultants is the investment consultant chosen by the Board and is responsible for advising the Board regarding:

- Returns earned by the Fund and by each of its managers relative to both benchmarks and a peer group of public pension funds;
- Analysis of investment style and risk and return of the Fund's investment managers;
- Asset allocation strategies; and
- Selection of external managers.

To assist the Board in carrying out its duty regarding disability benefits, the Board has engaged the services of three physicians as the Medical Review Board.

The Medical Review Board is responsible for:

- Reviewing all disability examination reports; and
- Advising the ERB of the nature and extent of the disability.

The New Mexico Attorney General provides legal counsel to the ERB, and The Groom Law Group of Washington, D.C. provides legal tax counsel.

An independent Certified Public Accountant firm conducts the financial audit of the ERB. Currently, that firm is Deloitte & Touche LLP.

### Actuary

Gabriel, Roeder, Smith & Co.  
1000 Town Center, Suite 1000  
Southfield, Michigan 58075

### Auditor

Deloitte & Touche LLP  
Chase Tower, Suite 1600  
Dallas, Texas 75201-6778

### Investment Consultant

New England Pension Consultants  
One Main Street  
Cambridge, MA 02142

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## MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEARS ENDED JUNE 30, 2007 and 2006

Agency management prepared this Management's Discussion and Analysis ("MD&A") of the financial position of the State of New Mexico Educational Retirement Board ("Board") for the fiscal year ended June 30, 2007 ("FY07"). For more detailed information of the Board's FY07 financial activities, the reader should review the financial statements, including the notes and required supplementary information..

### Financial Reporting Requirements

The financial statements include the Statements of Plan Net Assets and the Statements of Changes in Plan Net Assets. The financial statements also include notes, which explain the history and purpose of the Board, significant accounting policies, investment details, statutory disclosures and other required supplementary information. These financial statements have been prepared in accordance with generally accepted accounting principles as promulgated by the Governmental Accounting Standards Board ("GASB").

### Financial Highlights

- Net assets held in trust for pension benefits increased \$1.2 billion, or 15%, in FY07 compared to an increase of \$768.2 million, or 10.3%, in FY06. The primary driver was a very strong upward trend in both domestic and foreign stock markets for most of FY07.
- Investment advisor fees and custodial fees increased \$3.7 million, or 22%, in FY07 compared to an increase of \$1.6 million, or 10.2%, in FY06. The higher fees were caused by two factors. The first and largest factor is having more assets under management, as evidenced by the 15% growth discussed above. The second factor is the inclusion of alternative investments.
- Total cash and cash equivalents increased \$88

million in FY07 primarily due to the investment portfolios holding a higher balance of cash at fiscal year end. This compared to a \$128.6 million increase in FY06. Total cash and cash equivalents equaled \$327 million, or 3% of investments, in FY07 compared to \$240 million, or 2.7% of investments, in FY06, which is within the Board's investment policy that limits cash holdings to 5% or less.

- Receivables increased by just over \$876 million in FY07 compared to an increase of \$18 million in FY06, with the majority of the increase showing in investment broker sales proceeds, indicating that a greater number of investments were sold at or near fiscal year end and remained outstanding on June 30, 2007. Securities sales and purchases are usually based on "trade date + 3 days," meaning that the transaction will settle three business days after it is initiated.
- Investment holdings increased \$1.4 billion, or 15.2%, in FY07 compared to an increase of \$853 million, or 10.5%, in FY06 primarily due to the strong performance of domestic and foreign equity markets.
- Capital assets increased by \$100 thousand, or 1.3%, in FY07 compared to an increase of \$828 thousand, or 12.5%, in FY06 due to a moderate amount of asset purchases, some asset disposals, and additional capitalization of software development costs on the new pension administration system. The Board does not have any debt activity.
- The Board has received total appropriations from the trust fund of \$9.8 million to implement the Integrated Retirement Information System ("IRIS") Project. The Board successfully implemented the system in March 2006. The Web-enablement phase of the project is scheduled to be completed in fiscal year 2008. There are currently no other significant capital commitments.
- Accounts payable increased \$103 thousand, or

2.11%, in FY07 compared to an increase of \$258 thousand, or 5.6%, in FY06 primarily due to an increase in the amount of investment advisor fees due at FY07 year-end.

- Investment purchases payable-brokers increased by \$636 million in FY07 compared to an increase of \$182 million in FY06, indicating that a greater number of investments were purchased at or near fiscal year end and remained outstanding on June 30, 2007. Securities sales and purchases are usually based on “trade date + 3 days,” meaning that the transaction will settle three business days after it is initiated.

- Securities lending collateral increased \$451 million, or 51.9%, in FY07 compared to an increase of \$48 million, or 5.9%, in FY06, indicating that a larger portion of the Board’s portfolio was being lent at fiscal year end. Securities lending net income increased \$182 thousand, or 8.5%, in FY07 compared to an increase of \$880 thousand, or 70%, in FY06, due to the increased amount of investments included in the securities lending portion of the Board’s portfolio and the higher rate earned on the lent securities.

- Employer and member contributions increased \$40.5 million, or 10%, in FY07 compared to an increase of \$37.7 million, or 10.3%, in FY06 due to an increase in active membership contribution rates and salary increases. Benefit payments to retirees increased \$46 million, or 9.3%, in FY07 compared to

an increase of \$39 million, or 8.7%, in FY06 due to the increase in the number of retirees, as well as the cost of living adjustments paid to retirees. Refunds and interest to terminated members decreased \$780 thousand, or 2.8%, in FY07 compared to an increase of \$1.1 million, or 4%, in FY06. The Board’s total membership increased by 2,280, or 1.9%, to 122,598 members in FY07 compared to an increase of 5,428, or 4.7%, to 120,318 members in FY06.

- During the year the Board began investing in the alternative investment categories of private equity and hedge funds, as provided for in the investment policy approved in February 2006. As of June 30, 2007, the Board’s balance in private equity was \$18.2 million and \$770 million in hedge funds.

- A budget adjustment request for contractual services was submitted and approved in April 2007 to provide for anticipated additional requirements for contracted investment fund managers. With fluctuations in amounts under management at any time it is very difficult to anticipate some of these expenditures, accounting for the final budget to actual variances shown.

- The current volatility in the credit and other markets will affect the Board’s investment returns; the net appreciation in fair value of investments through March 31, 2008 is 13.66% lower than the same period ending 2007.

# FINANCIAL SECTION

## Condensed Financial Information

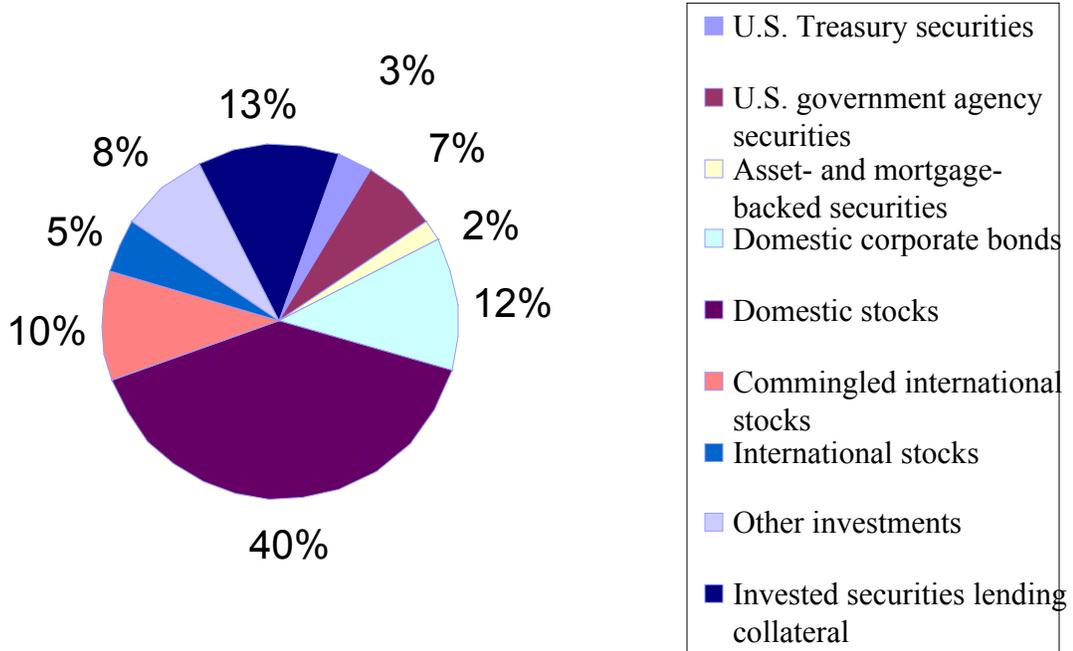
### Statement of Plan Net Assets

	FY07	FY06	FY05
Cash and short-term investments	\$ 327,739,163	\$ 239,704,558	\$ 111,155,579
Receivables	978,651,452	102,640,807	84,592,176
Investments—at fair value	10,298,665,645	8,939,432,545	8,086,187,732
Capital assets (net of accumulated depreciation)	<u>7,528,949</u>	<u>7,428,225</u>	<u>6,600,613</u>
Total assets	<u>11,612,585,209</u>	<u>9,289,206,135</u>	<u>8,288,536,100</u>
Current liabilities	2,156,597,869	1,069,756,684	837,256,172
Long-term liabilities (compensated absences)	<u>191,487</u>	<u>159,477</u>	<u>141,642</u>
Total liabilities	<u>2,156,789,356</u>	<u>1,069,916,161</u>	<u>837,397,814</u>
Net assets held in trust for pension benefits	<u>\$ 9,455,795,853</u>	<u>\$ 8,219,289,974</u>	<u>\$ 7,451,138,286</u>

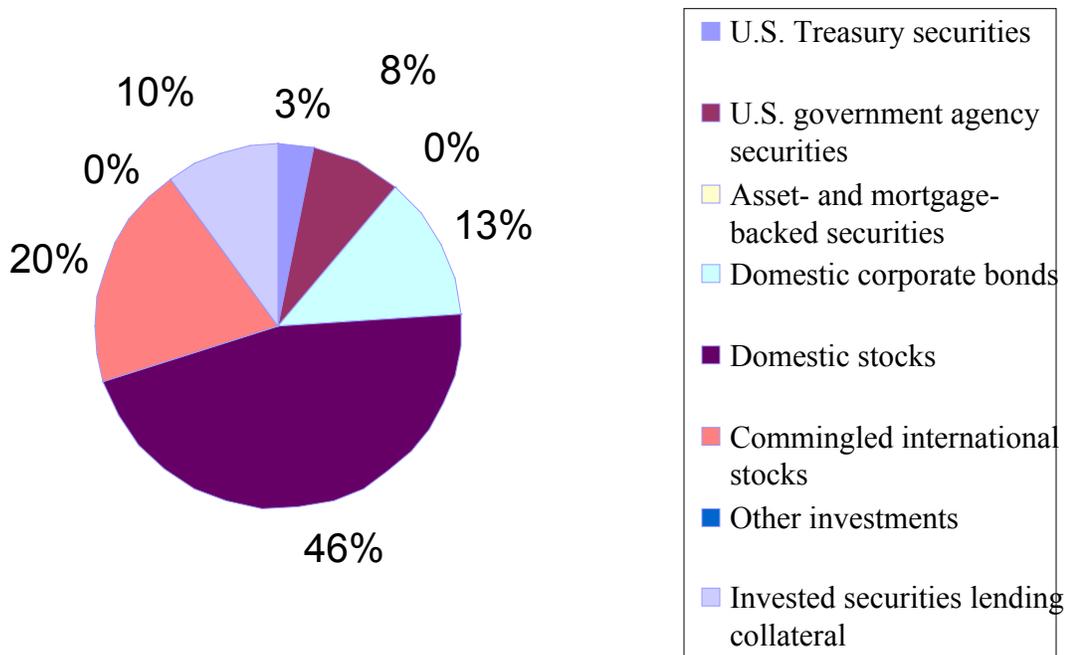
### Statement of Changes in Plan Net Assets

	FY07	FY06	FY05
Contributions	\$ 445,244,346	\$ 404,700,114	\$ 366,971,744
Investment income less investment expenses	182,784,302	171,139,469	169,319,168
Net appreciation in the fair value of investments	1,177,439,939	716,078,283	486,788,294
Other income	<u>4,331,489</u>	<u>3,866,927</u>	<u>4,032,754</u>
Total additions	<u>1,809,800,076</u>	<u>1,295,784,793</u>	<u>1,027,111,960</u>
Benefit payments	540,143,723	494,096,614	454,983,452
Refunds	27,525,131	28,305,856	27,214,675
Administrative expenses	<u>5,625,343</u>	<u>5,230,635</u>	<u>5,320,667</u>
Total deductions	<u>573,294,197</u>	<u>527,633,105</u>	<u>487,518,794</u>
Increase in net assets	1,236,505,879	768,151,688	539,593,166
Net assets held in trust for pension benefits:			
Beginning of year	<u>8,219,289,974</u>	<u>7,451,138,286</u>	<u>6,911,545,120</u>
End of year	<u>\$ 9,455,795,853</u>	<u>\$ 8,219,289,974</u>	<u>\$ 7,451,138,286</u>

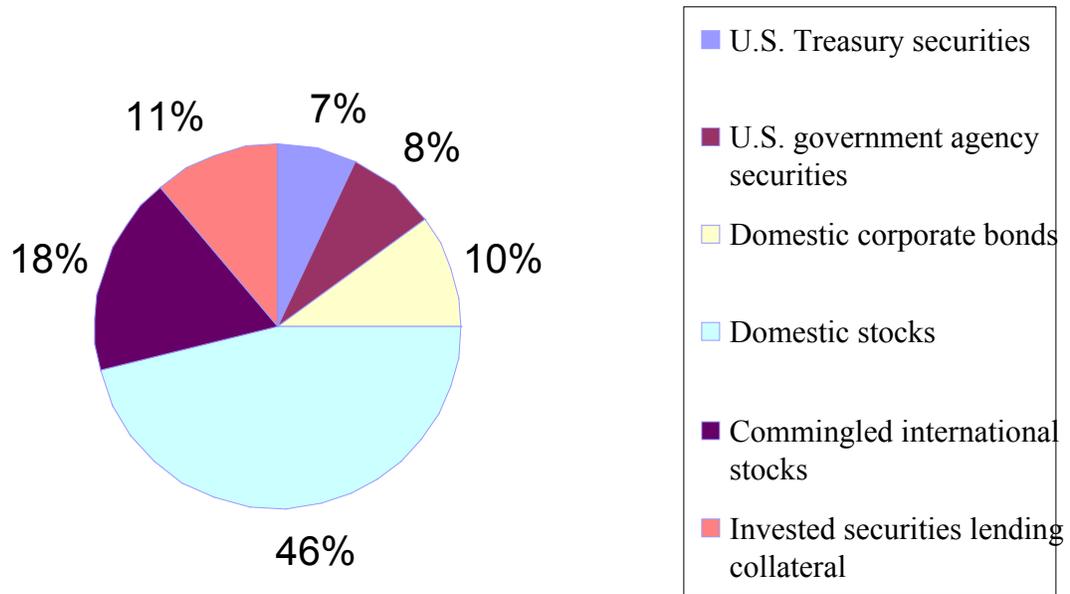
## FY07 Investments by Category



## FY06 Investments by Category



## FY05 Investments by Category



## Budgetary Highlights

A major portion of the Board's contractual services are based on market performance, and the budget is established to absorb all expenses that may be incurred during the period. These initial budget estimates are adjusted throughout the year, based on market performance, to arrive at a final budget. In 2007, the Board's initial budget increased by \$2.7 million from \$29.5 million to \$32.2 million compared to an increase in 2006 of \$3.1 million from \$23.5 million to \$26.6 million.

As the corpus of the fund increases, more assets are under management, which, combined with better performance, results in increased income and associated fees. The Board had savings over budgeted amounts totaling \$6.6 million in the three expense categories during the 2007 fiscal year compared to a savings of \$3.6 million in 2006. Savings generally result from less-than-expected income and expenses.

## Capital Assets

The Net Investment in Capital Assets at June 30, 2007, 2006 and 2005, is as follows:

Description	Cost	Accumulated Depreciation	Book Value
2007:			
Land	\$ 248,172	\$ -	\$ 248,172
Capital assets in progress	6,396,673	(629,350)	5,767,323
Depreciable land improvements	1,875	(1,688)	187
Building and building improvements	2,151,067	(846,467)	1,304,600
Furniture and equipment	<u>1,087,812</u>	<u>(879,145)</u>	<u>208,667</u>
Total	<u>\$ 9,885,599</u>	<u>\$ (2,356,650)</u>	<u>\$ 7,528,949</u>
2006:			
Land	\$ 248,172	\$ -	\$ 248,172
Capital assets in progress	5,507,158		5,507,158
Depreciable land improvements	1,875	(1,688)	187
Building and building improvements	2,151,067	(846,467)	1,304,600
Furniture and equipment	<u>1,369,735</u>	<u>(1,001,627)</u>	<u>368,108</u>
Total	<u>\$ 9,278,007</u>	<u>\$ (1,849,782)</u>	<u>\$ 7,428,225</u>
2005:			
Land	\$ 248,172	\$ -	\$ 248,172
Capital assets in progress	4,665,048		4,665,048
Depreciable land improvements	1,875	(1,500)	375
Building and building improvements	2,079,182	(751,213)	1,327,969
Furniture and equipment	<u>1,306,205</u>	<u>(947,156)</u>	<u>359,049</u>
Total	<u>\$ 8,300,482</u>	<u>\$ (1,699,869)</u>	<u>\$ 6,600,613</u>

# FINANCIAL SECTION

## STATEMENTS OF PLAN NET ASSETS AS OF JUNE 30, 2007 AND 2006

	2007	2006
<b>ASSETS</b>		
CASH AND SHORT-TERM INVESTMENTS	<u>\$ 327,739,163</u>	<u>\$ 239,704,558</u>
RECEIVABLES:		
Contributions	61,056,485	55,641,277
Investment sales proceeds—brokers	887,335,140	19,075,687
Interest and dividends	30,243,773	27,881,569
Other	<u>16,054</u>	<u>42,274</u>
Total receivables	<u>978,651,452</u>	<u>102,640,807</u>
INVESTMENTS—At fair value:		
U.S. Treasury securities	303,532,895	232,306,719
U.S. government and agency securities	734,331,062	692,326,028
Asset- and mortgage-backed securities	195,679,860	34,892,286
Domestic corporate bonds	1,279,739,340	1,132,490,442
Domestic stocks	4,131,581,536	4,160,891,776
International stocks	478,391,144	
Commingled international stocks	1,065,398,395	1,815,409,966
Other investments	788,481,795	884,808
Invested securities lending collateral	<u>1,321,529,618</u>	<u>870,230,520</u>
Total investments	<u>10,298,665,645</u>	<u>8,939,432,545</u>
CAPITAL ASSETS:		
At cost—net of accumulated depreciation of \$2,356,650 and \$1,849,782, respectively	6,639,434	1,921,067
Capital assets in progress	<u>889,515</u>	<u>5,507,158</u>
Total capital assets	<u>7,528,949</u>	<u>7,428,225</u>
Total assets	<u>11,612,585,209</u>	<u>9,289,206,135</u>
<b>LIABILITIES</b>		
ACCOUNTS PAYABLE	4,953,293	4,850,722
ACCRUED PAYROLL AND EMPLOYEE BENEFITS	141,573	
ACCRUED COMPENSATED ABSENCES	191,487	159,477
DUE TO EMPLOYERS AND OTHER STATE AGENCIES	1,087,581	1,008,901
REFUNDS PAYABLE	1,432,279	2,652,017
INVESTMENT PURCHASES PAYABLE—Brokers	826,760,776	190,300,628
FUNDS HELD FOR OTHERS	692,749	713,896
SECURITIES LENDING COLLATERAL	<u>1,321,529,618</u>	<u>870,230,520</u>
Total liabilities	<u>2,156,789,356</u>	<u>1,069,916,161</u>
NET ASSETS HELD IN TRUST FOR PENSION BENEFITS	<u>\$ 9,455,795,853</u>	<u>\$ 8,219,289,974</u>

See notes to financial statements.

## STATEMENTS OF CHANGES IN PLAN NET ASSETS FOR THE YEARS ENDED JUNE 30, 2007 AND 2006

	2007	2006
<b>ADDITIONS:</b>		
Contributions:		
Employer	\$ 255,853,194	\$ 226,479,332
Member	<u>189,391,152</u>	<u>178,220,782</u>
Total contributions	<u>445,244,346</u>	<u>404,700,114</u>
Investment income—from investing activities:		
Net appreciation in fair value of investments	1,177,439,939	716,078,282
Interest income	116,890,199	106,550,532
Dividend income	<u>84,403,825</u>	<u>79,518,059</u>
Total investment income	<u>1,378,733,963</u>	<u>902,146,873</u>
Investing activity expenses:		
Investment advisor fees	(20,430,023)	(16,740,390)
Custody fees	<u>(406,448)</u>	<u>(333,715)</u>
Total investing activity expenses	<u>(20,836,471)</u>	<u>(17,074,105)</u>
Net income from investing activities	<u>1,357,897,492</u>	<u>885,072,768</u>
From securities lending activities:		
Securities lending income	<u>70,512,958</u>	<u>45,166,939</u>
Securities lending expenses:		
Borrower rebates	(67,853,821)	(42,739,022)
Agent fees	<u>(332,388)</u>	<u>(282,934)</u>
Total securities lending expenses	<u>(68,186,209)</u>	<u>(43,021,956)</u>
Net income from securities lending activities	<u>2,326,749</u>	<u>2,144,983</u>
Total net investment income	<u>1,360,224,241</u>	<u>887,217,751</u>
Miscellaneous income:		
Penalties	64,936	39,054
Interest on restoration of service	<u>4,266,553</u>	<u>3,827,873</u>
Total miscellaneous income	<u>4,331,489</u>	<u>3,866,927</u>
Total additions	<u>1,809,800,076</u>	<u>1,295,784,792</u>
<b>DEDUCTIONS:</b>		
Refunds to terminated members	23,335,088	24,062,559
Interest on refunds	4,190,043	4,243,297
Administrative expenses	5,625,343	5,230,635
Age and service benefit payments	533,923,520	487,912,505
Disability benefit payments	<u>6,220,203</u>	<u>6,184,110</u>
Total deductions	<u>573,294,197</u>	<u>527,633,106</u>
NET INCREASE	1,236,505,879	768,151,688
NET ASSETS HELD IN TRUST FOR PENSION BENEFITS:		
Beginning of year	<u>8,219,289,974</u>	<u>7,451,138,286</u>
End of year	<u>\$ 9,455,795,853</u>	<u>\$ 8,219,289,974</u>

See notes to financial statements.

## NOTES TO FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED JUNE 30, 2007 AND 2006

### 1. Educational Retirement Board

**Plan Description**—The State of New Mexico Educational Retirement Board (“Board”) was created by the Educational Retirement Act, Section 22-11-1 through 22-11-52, NMSA 1978, as amended, to administer and have the responsibility for operating the Educational Employees’ Retirement Plan (the Plan). The Plan is a cost-sharing, multiple-employer plan established and administered by the Board to provide retirement, disability, and death benefits for all certified teachers and other employees of the State of New Mexico (the “State”) educational institutions, junior colleges, and technical-vocational institutions.

Contributing employers to the Plan include the following:

Public schools	90
Universities and colleges	15
Charter schools	58
Special schools	4
State agencies	10
	<u>177</u>

**Reporting Entity**—The Board is an agency of the State. The Plan administered by the Board is considered part of the State financial reporting entity and is a pension trust fund of the State.

The Board has developed criteria to determine whether other state agencies, boards, or commissions, which benefit the members of the Board, should be included within its financial reporting entity as component units. The criteria include, but are not limited to, whether the Board exercises oversight responsibility, financial interdependency, selection of governing authority,

designation of management, ability to significantly influence operations, and accountability for fiscal matters, scope of public service, and special financing relationships. Based on these criteria, management of the Board has determined that there are no component units that should be included in its financial reporting entity.

**Participation**—Membership in the Plan is a condition of employment. Employees of public schools, universities, colleges, junior colleges, technical-vocational institutions, state special schools, and state agencies providing an educational program, who are employed more than 25% of a full-time equivalency, are required to be members of the Plan.

Faculty and professionals initially employed after July 1, 1991, with one out of the 16 institutions of higher education or one of the eight community colleges after July 1, 1999, may elect to participate in the Plan or an Alternate Retirement Plan (“ARP”) administered by ERB. The election must be made within 90 days of employment and is irrevocable.

The Board serves 177 employers in the State and has an active and inactive membership of 122,598 and 120,318 in 2007 and 2006, respectively.

Status and number of all participants at June 30, 2007 and 2006, consisted of the following:

	2007	2006
(1) Retirees and beneficiaries of deceased retirees currently receiving benefits	29,969	28,539
(2) Inactive members	29,942	29,950
(3) Current active members	62,687	61,829

**Benefit Provisions**—The retirement benefit is determined by a formula. The formula includes three component parts: the member’s final average salary (“FAS”), the number of years of service credit, and the 0.0235 constant factor. The FAS is the average of the member’s salaries for the last five years of service or any other consecutive five-year period, whichever is greater.

A brief summary of Plan coverage provisions follows:

A member is eligible to retire when one of the following events occurs:

- The member’s age and earned service credit add up to the sum of 75 or more
- The member’s age is 65 or more with at least five years of earned service credit
- The member has service credit totaling 25 years or more.

(1) A further requirement to be eligible to retire is that a member must have at least one year of employment after July 1, 1957, and at least five years of contributory employment. Eligible members who have one year of employment after July 1, 1957, but less than the required five years of contributory employment, may contribute to the fund for each year needed. The cost of such contributions is 15.2% of the average salary of the last five years for each year of contributory employment needed plus 3% compounded interest from July 1, 1957, to the date of payment.

(2) *Forms of Payment*—The benefit is paid as a monthly life annuity with a guarantee that, if the payments made do not exceed the member’s accumulated contributions, determined as of the date of retirement, the balance will be paid in a lump sum to the member’s surviving beneficiary..

(3) *Normal Benefit*—There are no reductions to the monthly benefit and there is no continuing benefit due to a beneficiary or estate, except the balance, if any, of contributions less benefits paid.

(4) *Optional Forms of Payment*—There are two optional forms of payment available: Option B or Option C. The benefit reduction with an Option B or C form of payment depends on the age of the member and the age of the beneficiary at the time of retirement. The form of payment election and the beneficiary designated to receive a survivor’s benefit are irrevocable. Details of Options B and C follow:

**Option B**—The normal monthly benefit is reduced to provide for a one hundred percent (100%) survivor’s benefit. The reduced benefit is payable during the life of the member with the provision that upon death, the same benefit is paid to the beneficiary for his or her lifetime. The named beneficiary may not be changed after the effective date of retirement. If the beneficiary predeceases the member, the member’s benefit is adjusted by adding the amount by which the benefit was reduced at retirement due to the election of Option B.

**Option C**—The normal monthly benefit is reduced to provide for a 50% survivor’s benefit. The reduced benefit is payable during the life of the member with the provision that upon death, the reduced 50% benefit is paid to the beneficiary for his or her lifetime. The named beneficiary may not be changed after the effective date of retirement. If the beneficiary predeceases the member, the member’s benefit is adjusted by adding the amount by which the benefit was reduced at retirement due to the election of Option C.

# FINANCIAL SECTION

(5) *Cost of Living Adjustment*—Retired members and surviving beneficiaries receiving benefits receive an automatic cost of living adjustment (“COLA”) in their benefit each July 1, beginning in the year the member attains or would have attained age 65. The adjustment is equal to one-half the change in the Consumer Price Index (“CPI”), except that the COLA shall not exceed 4%, nor be less than 2% unless the change in CPI is less than 2%, in which case the COLA would equal the change in CPI. Members retired prior to July 1, 1984, are also entitled to an increase of the lesser of 3% or the increase in CPI for years prior to the attainment of age 65. Members on disability retirement are entitled to a COLA commencing on July 1 of the third full year following disability retirement. A member on regular retirement who can prove retirement because of a disability may qualify for a COLA beginning July 1 in the third full year of retirement.

## (6) *Disability Retirement:*

**Eligibility**—A member is eligible for a disability benefit provided (a) he or she has credit for at least 10 years of service, and (b) the disability is approved by the Board.

**Monthly Benefit**—The monthly benefit is equal to 2% of FAS times years of service, but not less than the smaller of (a) one-third of FAS or (b) 2% of FAS times years of service projected to age 60.

**Form of Payment**—The disability benefit commences immediately upon the member’s retirement. Disability benefits are payable as a monthly life annuity, with a guarantee that if the payments made do not exceed the member’s accumulated contributions, determined as of the date of retirement, the balance will be paid in a lump sum to the member’s surviving beneficiary.

If the disabled member survives to age 60, the regular optional forms of payment are available.

(7) *Deferred Retirement*—A member with five or more years of earned service credit on deferred status may retire when eligible under the Rule of 75 or when the member attains age 65.

(8) The Educational Retirement Act, Section 22-11-1 to 22-11-53, NMSA 1978, assigns the authority to establish and amend benefit provisions to the Board.

**Refund of Contributions**—Members may withdraw their contributions only when they terminate covered employment in the State and certification of termination has been provided by their former employers. Interest paid to members when they withdraw their contributions following termination of employment is at a rate set by the Board. Interest is not earned on contributions credited to accounts prior to July 1, 1971, nor those on deposit for less than one year.

## 2. Summary of Significant Accounting Policies

**Basis of Accounting**—The Board’s financial statements are prepared using the economic resource measurement focus and the accrual basis of accounting. The General Appropriation Act establishes the modified accrual basis of accounting for governmental funds as the budgetary basis for the State of New Mexico. Prior year encumbrances are not carried forward for single year appropriations. Employer and member contributions are recognized as revenue in the period in which the member’s services are performed. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

**Budgets and Budgetary Accounting**—Formal budgetary integration is used as a management control device by the Board in administering the Plan. The budget for this State Agency is adopted on the modified accrual basis of accounting, except for accounts payable accrued at the end of the fiscal year that do not get paid by the statutory deadline (Section 10-6-4 NMSA 1978), that must be paid out of the next year’s budget.

Only administrative expenses and a small portion of interest income are budgeted, while significant revenues and non-administrative expenses are not. The budget is prepared on a non-GAAP basis, which recognizes encumbrances and capital expenses as current expenses, excludes depreciation expense, and recognizes revenue when cash is received. Budgetary comparisons for the Plan are presented in the schedule of revenues and expenses—budget and actual (non-GAAP basis).

The Accountability in Government Act, Chapter 15, Laws of 1999, provides a general process for implementation of performance-based budgeting over a four-year period. The Board was included in performance-based budgeting for the first time in FY 2002. The Board developed performance measures, which were approved by the State Budget Division (“SBD”) and the Legislative Finance Committee (“LFC”) and included in the General Appropriations Act. The Board is required to periodically report to the SBD and the LFC on these performance measures.

The original budget was amended during the fiscal year. All budget adjustments were approved by the SBD and the LFC in accordance with State laws and regulations.

The Board follows these procedures in establishing the annual budget:

- (1) By August 31, the Board prepares a Budget Appropriation Request to be presented to the next legislature. The Request includes proposed expenses and the means of financing them.
- (2) On September 1, the Budget Appropriation Request is submitted to the Department of Finance and Administration (“DFA”) and the LFC.
- (3) The DFA makes recommendations and adjustments to the Board’s Budget Appropriation Request, which becomes the Governor’s proposal to the Legislature.
- (4) The LFC holds hearings on the Budget Appropriation Request. Recommendations and adjustments are made prior to presenting the Budget Appropriation Request to the Legislature.
- (5) Both DFA’s and LFC’s recommended appropriation proposals are presented to the Legislature for approval of the final budget.
- (6) On May 1, the Board submits its Annual Operating Budget to DFA and LFC based on the final appropriation from the Legislature.
- (7) Budgetary control is exercised at the appropriation unit level (revenue source and expenditure category), and any changes between budget categories must be approved by DFA and LFC.

**Investments**—Investments are recorded at fair value. The estimated fair value of investments is based on quoted market prices, except for certain alternative investments for which quoted market prices are not available. The estimated fair value of these alternative investments is based on the most recent valuations provided by the external investment managers, adjusted for cash receipts, cash disbursements, and securities distributions

# FINANCIAL SECTION

through June 30, 2007. The Board believes the carrying amount of these financial instruments is a reasonable estimate of the fair value. Because alternative investments are not readily marketable, their estimated value is subject to uncertainty and therefore may differ from the value that would have been used had a ready market for such investments existed.

There are certain market risks, credit risks, foreign exchange currency risks, or events that may subject the Plan's investment portfolio to economic changes occurring in certain industries, sectors, or geographies.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

The Board's investments in limited partnerships are valued at estimated fair value based on their proportionate share of the partnerships' fair value as recorded in the partnerships' audited financial statements. The limited partnerships allocate gains, losses and expenses to the partners based on the ownership percentage as described in the partnership agreements. At June 30, 2007, the Board had commitments for additional future contributions to the limited partnerships totaling \$100.9 million.

Net investment income includes net appreciation (depreciation) in the fair value of investments, interest income, dividend income, securities lending income, and investment expense, which includes management and custodial fees, securities lending expense, and all other significant investment-related costs.

**Capital Assets**—Capital assets represent the cost of assets, net of accumulated depreciation, used for the

administration of the Plan. Capital assets include the Board's administration building located in Santa Fe, New Mexico. The Board's capitalization policy, based on the requirements from the DFA, is to include all assets costing \$5,000 and greater. All additions are capitalized at historical cost as of the date of acquisition, and depreciation is calculated on a straight-line basis over the asset's estimated useful life with no salvage value.

Estimated useful lives are as follows:

Building and building improvements	25 years
Depreciable land improvements	10 years
Furniture and equipment	10 years
Data processing equipment (including software)	5 years

**Funds Held for Others**—Payments from members pursuant to agreements to purchase service credits are recorded as funds held for others until the purchase agreements have been completed. Upon receipt of all payments necessary to complete the purchase agreement, the funds held for others are transferred to the member's individual contribution account (for the contribution component) and income accounts (for the interest component(s)).

**Refunds Payable**—Refunds payable represents amounts due to terminated members who have submitted a claim for refund but who have not been paid on or before the end of the fiscal year.

### 3. Cash Deposits

The Board is required by statute to remit any money received for or on behalf of the Plan into its own account at the New Mexico State Treasury. Excess money at the end of the day in the Board's account at the New Mexico State Treasury is pooled and invested by the Office of the New Mexico State

Treasurer in overnight repurchase agreements. Accordingly the investments of the Department consist of an interest in the investment pools managed by the New Mexico State Treasurer's Office. All repurchase agreements are collateralized by the U.S. Treasury securities held by the New Mexico State Treasurer's custodian bank. The amount deposited as of June 30, 2007 and 2006 with the New Mexico State Treasurer's Office was \$11,124,535 and \$39,648,238, respectively, and is classified as a short-term investment.

**Interest Rate Risk**— The State Investment Pool does not have an investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates

**Credit Risk**—The New Mexico State Treasurer pools are not rated. For additional GASB 40 disclosure information regarding cash held by the

State Treasurer, the reader should see the separate audit report for the State Treasurer's Office for the fiscal year ended June 30, 2007.

In addition to the overnight investment at the New Mexico State Treasury, the Board invests in the Short-Term Investment Fund ("STIF"), held by Northern Trust. Each internal and external investment manager as well as the New Mexico State Treasurer's Office has a component in the STIF. The STIF is used to facilitate more efficient trade procedures with the Board's external money managers. Net cash balances in each internal and external investment manager's portfolio are swept into the STIF at the end of each day. STIF investments of \$327,739,163 and \$239,704,558 as of June 30, 2007 and 2006, respectively, including the amount on deposit with the State Treasury, are considered short term investments and are reported as part of the cash and short term investment balance in the statements of plan net assets.

Investment Description	2007	2006
<b>Investments:</b>		
(held by the Board's agent in the Board's name)		
U.S. government and agency securities (not on securities loan)	\$ 445,039,338	\$ 381,564,985
Asset- and mortgage-backed securities	195,679,860	
Domestic corporate bonds (not on securities loan)	1,246,249,969	1,107,136,217
Domestic stocks (not on securities loan)	3,310,096,751	3,661,508,774
International stocks	478,391,144	
Other investments	788,481,795	884,808
Total	<u>6,463,938,857</u>	<u>5,151,094,784</u>
Investments—commingled international stocks	<u>1,065,398,395</u>	<u>1,815,409,966</u>
Investments held by broker/dealers under securities loans with cash collateral:		
U.S. government and agencies securities	592,824,619	577,960,047
Domestic corporate bonds	33,489,371	25,354,225
Domestic stocks	821,484,785	499,383,002
Securities lending cash collateral investments	<u>1,321,529,618</u>	<u>870,230,520</u>
Total	<u>2,769,328,393</u>	<u>1,972,927,794</u>
<b>Total</b>	<u>\$ 10,298,665,645</u>	<u>\$ 8,939,432,544</u>

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**Custodial Credit Risk**— Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, the Board will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. The Board does not have a deposit policy for custodial credit risk. As of June 30, 2007 and 2006, there were no cash balances exposed to custodial credit risk. All cash is invested in a mutual fund consisting of 100% U.S. Treasury securities.

## 4. Investments

The Board is authorized to invest or reinvest the fund in accordance with the Uniform Prudent Investor Act (45-7-601 NMSA 1978).

The Uniform Prudent Investor Act does the following:

- A. Sets a higher standard of care and prudence for investments, above and beyond the previous standard and guiding principles of law.
- B. Applies to the trust as a whole, rather than individual investments.
- C. Requires investment strategy to be based on suitable risk and reward strategies.
- D. Requires diversification unless the trustees reasonably determine it is not in the best interest of the fund/trustees.

Investments of the Board as of June 30, 2007 and 2006 were as follows:

Investment Description	2007	2006
Investments:		
(held by the Board's agent in the Board's name)		
U.S. government and agency securities (not on securities loan)	\$ 445,039,338	\$ 381,564,985
Asset- and mortgage-backed securities	195,679,860	
Domestic corporate bonds (not on securities loan)	1,246,249,969	1,107,136,217
Domestic stocks (not on securities loan)	3,310,096,751	3,661,508,774
International stocks	478,391,144	
Other investments	788,481,795	884,808
Total	<u>6,463,938,857</u>	<u>5,151,094,784</u>
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Domestic stocks	821,484,785	499,383,002
Securities lending cash collateral investments	<u>1,321,529,618</u>	<u>870,230,520</u>
Total	<u>2,769,328,393</u>	<u>1,972,927,794</u>
Total	<u>\$ 10,298,665,645</u>	<u>\$ 8,939,432,544</u>

## FINANCIAL SECTION

**Custodial Credit Risk**—Custodial credit risk for investments is the risk that, in the event of the failure of the counterparty, the Board will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Board’s investment policy limits holding of securities by counterparties to those involved with securities lending. There were no investments subject to custodial credit risk as of June 30, 2007..

In the event of the failure of the counterparty to deliver back the borrowed securities, the Board will sell the collateral securities and offset any

gains or losses with the counterparty.

**Foreign Currency Risk**—Foreign currency risk for investments is the risk that changes in exchange rates will adversely affect the investments. Foreign currency risk is present in the Board’s investment in foreign equity securities. Managers of these assets are given discretion to hedge this risk. The maximum exposure to foreign currency risk as of June 30, 2007, was approximately \$2,273,286,000. The Board’s investment exposure to foreign currency risk as of June 30, 2006, was approximately \$1,743,125,000.

Currency	2006 Market Value (Included in Investments)	
	Equity	Deposits
Argentinian Peso	\$ 478,047	\$ -
Australian Dollar	58,784,850	-
Brazilian Real	23,762,705	75,958
British Pound Sterling	312,415,347	24,002
Canadian Dollar	29,357,057	-
Chile	1,557,284	8,463
Chinese Renminbi	15,300,351	26,715
Danish Krone	4,451,279	-
Egypt	830,655	34,051
Euro	524,459,066	20,031
Hong Kong Dollar	42,105,772	26,962
Hungarian Forint	2,854,588	-
Indian Rupee	9,655,541	398,021
Indonesian Rupiah	2,517,443	-
Israeli Shekels	5,542,990	-
Japanese Yen	416,512,469	278,077
Malaysian Ringgit	368,518	-
Mexican Nueva Peso	8,103,453	-
Norwegian Krone	12,269,712	-
Peru	204,514	-
Philippine Peso	809,296	-
Russia	6,001,312	-
Singapore Dollar	9,183,519	-
South African Rand	26,331,388	80,005
South Korean Won	32,790,213	(268,462)
Swedish Krona	25,520,756	-
Swiss Franc	131,418,010	(21,972)
Taiwan Dollar (New)	26,215,306	1,664,013
Thailand Baht	6,513,934	-
Turkish Lira (New)	4,464,656	-
Total Foreign Exposure	<u>\$ 1,740,780,029</u>	<u>\$ 2,345,863</u>

# FINANCIAL SECTION

2007 Market Value (Included in Investments)			
Currency		Equity	Deposits
Argentinian Peso	\$	2,136,068	
Australian Dollar		74,668,905	\$ 6,321,801
Bahraini Dinar		420,836	
Brazilian Real		35,423,091	(20,478)
British Pound Sterling		404,756,040	
Canadian Dollar		51,002,677	
Chile		2,087,425	16,756
Chinese Renminbi		24,748,131	28,920
Czech Republic Koruna		697,386	
Danish Krone		13,925,613	
Egypt		1,471,056	19,907
Euro		727,343,272	15,037,860
Hong Kong Dollar		56,625,433	(16,854,288)
Hungarian Forint		2,577,600	
Indian Rupee		20,294,862	149,203
Indonesian Rupiah		7,503,300	105,885
Israeli Shekels		6,684,166	25,883
Japanese Yen		433,428,404	8,889,662
Malaysian Ringgit		2,165,658	14,394
Mexican Nueva Peso		12,805,570	
Norwegian Krone		29,804,758	
Peru		1,594,154	
Philippine Peso		3,740,950	
Polish Zloty		468,932	
Russia		15,592,871	
Singapore Dollar		43,848,441	70,650
South African Rand		22,121,011	(147,331)
South Korean Won		48,063,137	(287,759)
Swedish Krona		33,154,654	
Swiss Franc		137,237,501	(1,753)
Taiwan Dollar		33,357,475	862,262
Thailand Baht		6,235,470	
Turkish Lira		3,040,533	29,469
Total Foreign Exposure	\$	<u>2,259,025,380</u>	<u>14,261,040</u>

**Credit Risk**—Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The general investment policies of the Board require that noncash, interest-paying securities in the high-yield bond portfolios may not exceed 5% of the market

value of the portfolio and that investments in cash may represent no more than 5% of each individual fund. Credit risk is managed through diversification and by operating within defined parameters versus a benchmark index.

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Excluding those investments issued by or explicitly guaranteed by the U.S. government, which are not considered to have credit risk, the Board's credit quality distribution for investments with credit

risk exposure as of June 30, 2007 and 2006, is summarized below. The investments were rated and categorized according to Standard & Poor's rating standards.

Summary of Investment by Rating - Credit Risk as of June 30, 2007		
Investment Type	Rating	Fair Market Value
Asset Backed Securities	A	\$ 2,394,858
	AA	1,704,727
	AAA	71,448,328
	BBB	2,366,307
Cash & Cash Equivalent Derivative - Options	Not Rated	1,711
Commercial Mortgage-Backed	A	3,276,494
	AA	2,675,335
	AAA	117,438,884
Corporate Bonds	A	98,352,997
	AA	60,381,163
	AAA	321,870,358
	B	286,948,634
	Ba	7,512,675
	Baa	2,406,152
	BB	154,198,158
	BBB	196,026,110
	Caa	4,482,500
	CCC	69,378,065
Fixed Income Derivatives - Options	Not Rated	(215,627)
Government Agencies	Not Rated	7,809,135
	A	2,928,906
	AAA	93,491,962
Government Bonds	BBB	4,502,077
	Not Rated	299,030,818
Government Mortgage Backed Securities	Not Rated	544,069,222
Index Linked Government Bonds	Not Rated	86,675,037
Municipal/Provincial Bonds	A	1,625,107
Non-Government Backed C.M.O.s	A	1,212,001
	AA	1,816,164
	AAA	69,016,693
	BBB	244,290
Other Options		27,042
Other Payable		(1,031,549)
Pending Trade Purchases		(335,314,011)
Pending Trade Sales		59,171,523
Short Term Bills & Notes	Not Rated	1,019,301
	A	899,676
Short Term Investment Funds	Not Rated	217,219,645
Swaps	Not Rated	(388,534)
<b>TOTAL</b>		<u>\$ 2,456,672,336</u>

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Summary of Investment by Rating - Credit Risk - as of June 30, 2006		
Investment Type	Rating	Fair Market Value
Asset Backed Securities	AAA	61,003,465
	A	1,570,041
	Not Rated	1,101,071
Commercial Mortgage Backed	AAA	64,896,573
	Not Rated	6,113,454
Corporate Bonds	AAA	5,719,247
	AA	71,600,805
	A	118,309,389
	BBB	157,088,330
	BB	127,625,358
	B	211,432,088
	CCC	35,693,370
	Not Rated	341,347,278
Government Agencies/PEFCO	AAA	140,799,019
	A	2,861,589
Government Bonds	AAA	182,218,081
	BBB	3,619,300
	Not Rated	10,158,454
Index Linked Government Bonds	AAA	69,493,345
Non Government Backed c.m.o.'s	AAA	33,999,064
	Not Rated	893,221
Short Term Investment Funds	Not Rated	<u>199,825,414</u>
TOTAL		<u><u>1,847,367,956</u></u>

The Board earns failed interest on monies held at the custodial agent bank overnight when a security purchase transaction fails to be completed due to

the broker not delivering the purchased security on settlement date. When this occurs, the Board's money is invested overnight in a "STIF".

**Concentration Risk**—Concentration risk is identified by the amount of investment in any one issuer that represents 2% or more of plan net assets. The Board’s investment policies stipulate that investments in the securities of any one corporation may not exceed 2% of the market value of the total fund. As of June 30, 2007 and 2006, the Board was not exposed to any concentration risk greater than 2%.

**Interest Rate Risk**—Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Board does not have a policy for interest rate risk management. However, interest rate risk is managed through duration, by operating within defined risk parameters versus a benchmark index.

As of June 30, 2007, the Board’s exposure to interest rate risk is summarized as:

Investment Type	Duration (in Years)	
	2007	2006
U.S. Treasury securities	6.36	3.47
U.S. government and agency obligations	3.83	1.61
Corporate obligations	4.50	3.58
Asset- and mortgage-backed securities	4.16	3.31
Short-term investment	0.56	0.25
Overall	4.65	4.64

The Board uses the weighted average method to determine the duration of its investments.

**Derivative Investing**—Derivatives are generally defined as contracts or securities whose value depends on, or derives from, the value of an underlying asset, reference rate, or index. In accordance with investment policy and fiduciary principles, the Plan invests in mortgage-backed securities, including certain agency Collateralized Mortgage Obligations (“CMO”). The plan holds CMOs that are based on cash flows from interest payments on underlying mortgages; therefore, they are sensitive to prepayments by mortgagees that may result from a decline in interest rates. CMO

selections are chosen from a conservative segment that offers low volatility. CMO securities are included in aggregate with other U.S. government and agency securities in the disclosure of custodial risk above. In addition, the use of other derivatives is allowed under the Hedge Fund Investment Policy. The Plan had \$195 million and \$106 million in CMO government and non-government securities and derivatives at June 30, 2007 and 2006, respectively.

**Foreign Currency Exchange Contracts**—The Board may enter into forward contracts to purchase and sell foreign currencies in the normal course of its investing activities to manage the currency exposure associated with the Board’s foreign equity and fixed income investments. The terms of these contracts generally do not exceed one year. The credit risk associated with these contracts is minimal as they are entered into with a limited number of highly rated counterparties.

**Futures Contracts**—The Board enters into futures contracts in the normal course of its investing activities to manage market risk associated with the Plan’s equity and fixed income investments and to achieve overall investment portfolio objectives. These contracts involve elements of market risk in excess of amounts recognized in the statements of net assets available for benefits. The credit risk associated with these contracts is minimal as they are traded on organized exchanges and settled daily.

During 2007, the Board was a party to futures contracts held for trading purposes for U.S. Treasury bonds and 90 day Euro dollar fixed income futures. Upon entering into a futures contract, the Board is required to deposit either in cash or securities an amount (“initial margin”) equal to a certain percentage of the nominal value

# FINANCIAL SECTION

of the contract. Subsequent payments are then made or received by the Board, depending on the daily fluctuation in the value of the underlying contracts. FNMA Discount Notes owned and included in the investments of the Board, with a

value of approximately \$975,000 and \$494,000 at June 30, 2007 and 2006, respectively, were held by the Plan's brokers as performance security on futures contracts.

FY 07		
Summary of Outstanding Futures Contracts		
	<u>No. of Contracts</u>	<u>Notional Amount</u>
Futures Contracts - Long	725	\$ 147,875,597
Futures Contracts - Short	320	\$ 33,724,252
		<u>Fair Value</u>
Margin Deposit		\$ 974,719

FY 06		
Summary of Outstanding Futures Contracts		
	<u>No. of Contracts</u>	<u>Notional Amount</u>
Futures Contracts - Long	502	\$ 67,911,065
Futures Contracts - Short	366	\$ 38,378,534
		<u>Fair Value</u>
Margin Deposit		\$ 494,076

*Options* – An option contract is a contract in which the writer of the option grants the buyer of the option the right to purchase from (“call option”), or sell to (“put option”), the writer a designated instrument at a specified price within a specified period of time. Both written and purchased options were used by the Board during 2007. When the Board purchases or writes an option, an amount equal to the premium paid or received by the plan is recorded as an asset or liability and is subsequently adjusted to the current market value of the option purchased or written. Gain or loss is recognized when the option contract expires or is closed. As of June 30, 2007, the value of open written and purchased options was approximately \$268,000, and \$ 96,000, respectively.

*Swap Contracts* — Swap contracts are executed on a number of different bases. The two types employed by ERB on June 30, 2007, were interest rate swap contracts and credit default swap contract. An interest rate swap contract is an agreement

between two parties to exchange periodic interest payments. One party agrees to make payments to the other based on a fixed rate of interest in exchange for payments based on a variable rate. ERB employs interest rate swap contracts to adjust fixed income portfolio durations.

A credit default swap contract is similar to an insurance policy, with the credit risk of an individual issuer or a basket of issuers (the “reference asset”) the insured factor. Under such a contract, two parties enter into an agreement whereby the first party pays the second party a fixed periodic payment for the specified life of the contract (analogous to an insurance premium). The other party makes no payment unless a credit event related to the reference asset occurs. If such an event takes place, the second party is obligated to make a payment to the first party. The size of the payment is linked to the decline in the reference asset’s market value following determination of the occurrence of a credit event.

## 5. Securities Lending

The Board or its designated agent may enter into contracts for the temporary exchange of securities for the use by brokers/dealers, banks, and other recognized institutional investors, for periods not to exceed one year, for a specified fee or consideration. Securities lent include fixed income securities and domestic equities. No such contract shall be entered into unless the contract is fully secured by a collateralized, irrevocable letter of credit running to the Board; cash; or equivalent collateral of at least 102% of the market value of the securities plus accrued interest temporarily exchanged. This collateral shall be delivered to the state fiscal agent or its designee contemporaneously with the transfer of funds or delivery of the securities. Such contract may authorize the Board to invest cash collateral in instruments or securities that are authorized fund investments and may authorize payment of a fee from the Plan or from income generated by the investment of cash collateral to the borrower of securities providing cash as collateral. The

Board may apportion income derived from the investment of cash collateral to pay its agent in securities lending transactions.

At year-end, the Board has no credit risk exposure to borrowers because the amounts the Board owes the borrowers exceed the amount the borrowers owe the Board. The contract with the Board's agent requires it to indemnify the Board fully if the borrowers fail to return the securities (and if the collateral is inadequate to replace the securities lent) or fail to pay the Board for income distributions by the securities' issuers while the securities are on loan. The Board has not experienced any losses due to credit or market risk on securities lending activities since the implementation of this program.

The Board received net securities lending income totaling \$2,326,749 and \$2,144,983 for the fiscal years ended June 30, 2007 and 2006, respectively. The collateral information as of June 30, 2007 and 2006 is summarized as follows:

Securities Lent	Underlying Securities	Cash Collateral Received/ Securities Collateral Value*	Cash Collateral Investment Value*
2007:			
Lent for cash collateral:			
U.S. government and agency securities	\$ 592,824,619	\$ 604,143,893	\$ -
U.S. equities	821,484,786	850,584,826	
U.S. corporate obligations with variable rates	33,489,371	34,240,250	570,748,618
Convertible and global bonds:			
Asset-backed securities with variable rates			400,781,000
Repurchase agreements			350,000,000
	<u>\$ 1,447,798,776</u>	<u>\$ 1,488,968,969</u>	<u>\$ 1,321,529,618</u>

The Board is permitted to loan securities under 1) open loans which are generally overnight loans, and 2) term loans with specified expected termination dates. Cash collateral is invested in traditional money market instruments. The policy

is to match the maturities of investments made with the cash collateral to the maturities of the loan agreements. The Board cannot pledge or sell collateral securities received unless the borrower defaults and, therefore, the Board does not establish

# FINANCIAL SECTION

an asset and a corresponding liability in the balance sheet for the collateral value of securities received. There were no significant violations of legal or contractual provisions and no borrower or lending agent default losses.

## 6. Capital Assets

Capital assets relate to all assets of the Board that are used in operations and have useful lives extending

beyond a single reporting period. Capital assets in progress represent costs associated with the IRIS Project. These costs totaled \$890 thousand in FY07 compared with \$842 thousand in FY06.

Depreciation expense was \$822,041 and \$233,168 for 2007 and 2006, respectively.

Capital asset activity for the years ended June 30, 2007 and 2006, is as follows:

	Beginning Balance	Additions	Deletions	Ending Balance
<b>2007:</b>				
Land	\$ 248,172	\$ -	\$ -	\$ 248,172
Capital assets in progress	5,507,158	889,515		6,396,673
Depreciable land improvements	1,875			1,875
Building and building improvements	2,151,067			2,151,067
Furniture and equipment	<u>1,369,735</u>	<u>34,446</u>	<u>316,369</u>	<u>1,087,812</u>
<b>Total</b>	<u>9,278,007</u>	<u>923,961</u>	<u>316,369</u>	<u>9,885,599</u>
<b>Accumulated depreciation:</b>				
Capital assets in progress		629,350		629,350
Depreciable land improvements	1,688			1,688
Building and building improvements	846,467			846,467
Furniture and equipment	<u>1,001,627</u>	<u>192,691</u>	<u>315,173</u>	<u>879,145</u>
<b>Total</b>	<u>1,849,782</u>	<u>822,041</u>	<u>315,173</u>	<u>2,356,650</u>
<b>Capital assets—net</b>	<u>\$ 7,428,225</u>	<u>\$ 101,920</u>	<u>\$ 1,196</u>	<u>\$ 7,528,949</u>
	Beginning Balance	Additions	Deletions	Ending Balance
<b>2006:</b>				
Land	\$ 248,172	\$ -	\$ -	\$ 248,172
Capital assets in progress	4,665,048	842,110		5,507,158
Depreciable land improvements	1,875			1,875
Building and building improvements	2,079,182	71,885		2,151,067
Furniture and equipment	<u>1,306,205</u>	<u>146,786</u>	<u>83,255</u>	<u>1,369,735</u>
<b>Total</b>	<u>8,300,482</u>	<u>1,060,781</u>	<u>83,255</u>	<u>9,278,007</u>
<b>Accumulated depreciation:</b>				
Depreciable land improvements	1,500	188		1,688
Building and building improvements	751,213	95,254		846,467
Furniture and equipment	<u>947,156</u>	<u>137,726</u>	<u>83,255</u>	<u>1,001,627</u>
<b>Total</b>	<u>1,699,869</u>	<u>233,168</u>	<u>83,255</u>	<u>1,849,782</u>
<b>Capital assets—net</b>	<u>\$ 6,600,613</u>	<u>\$ 827,613</u>	<u>\$ -</u>	<u>\$ 7,428,225</u>

## 7. Due to Employers and other State Agencies

This account represents the amount due to various participating public employers for overremittances of employer contributions during the fiscal years ended June 30, 2007 and 2006. Overremittances can be applied to future reporting periods or refunded, at the option of the administrative unit, in the next fiscal year. Also included in this amount as of June 30 2007 is \$11,852 due to the Department of Cultural Affairs/Art in Public Places. There were no amounts due to state agencies as of June 30, 2006.

## 8. Accrued Compensated Absences

Qualified employees are entitled to accumulate vacation leave according to a graduated leave schedule of 80 to 160 hours per year, depending upon the length of service and employee's hire date. A maximum of 30 working days (equivalent to 240 hours) of such accumulated vacation leave can be carried forward into the beginning of the next calendar year. Any excess accumulated vacation leave is forfeited.

When employees terminate employment with the State, they are compensated for accumulated vacation leave as of the termination date up to a maximum of 240 hours. All balances up to 240 hours for each employee have been recorded at their current pay rate as of June 30, 2007 and 2006.

Qualified employees are entitled to accumulate sick leave at the rate of one day for each calendar month of service. There is no limit to the amount of sick leave an employee can accumulate. Once per fiscal year, in either January or July, employees may elect to be paid for accrued sick leave in excess of 600 hours but less than 720 hours at 50% of their current hourly rate.

In the case of retiring employees, they may be paid for accrued sick leave in excess of 600 hours but less than 1,000 hours at 50% of their current hourly rate. All sick leave balances in excess of 600 hours but less than 720 hours for each employee have been recorded as a liability at 50% of their current hourly rate.

The following table provides a summary for the fiscal years ended June 30, 2007 and 2006, of the change in accrued compensated absences:

	2007	2006
Balance payable		
—beginning of fiscal year	\$ 159,477	\$ 141,642
Additions	140,098	111,719
Deletions	<u>(108,088)</u>	<u>(93,884)</u>
Balance payable		
—end of fiscal year	<u>\$ 191,487</u>	<u>\$ 159,477</u>
Amount due within one year	<u>\$ 185,743</u>	<u>\$ 154,693</u>

Funds used to liquidate this liability will come from the Plan.

## 9. Leases

The Board leases mailing and copier equipment, office space, and storage space under operating leases. Operating leases do not give rise to property rights or leases obligations; therefore, the amounts of the Board's lease agreements are not reflected on the statements of plan net assets.

Leases are subject to future appropriations and are cancelable by the Board at the end of each fiscal year with 30 days' written notice to the lessor. The following table as of June 30, 2007, summarizes the Board's future minimum lease payments:

Years Ending June 30	
2008	\$ 77,355
2009	78,183
2010	<u>65,584</u>
Total	<u>\$ 221,122</u>

Lease expense was \$71,111 and \$52,274 for the fiscal years ended June 30, 2007 and 2006, respectively.

## 10. Retirement Plans

Employees of the Board who do not possess a teaching or administrative certificate have the option of participating in the Plan or the Public Employees Retirement Plan. Some employees of the Board have elected to participate in the Educational Employees' Retirement Plan through the Educational Retirement Act ("ERA") while others have elected to participate in the Public Employees Retirement Plan (the PERA Plan") through the Public Employees Retirement Act ("PERA") of the State.

**Plan Description—ERA**—This plan is a cost-sharing, multiple-employer defined benefit plan established and administered by the Board to provide retirement, disability benefits, survivor benefits, and COLAs for all certified teachers and other employees of State public schools, higher education institutions, junior colleges, and technical-vocational institutions.

**Plan Description—PERA**—The PERA Plan is a cost-sharing, multiple-employer defined benefit plan administered by the PERA. The Plan provides for retirement, disability benefits, survivor benefits, and COLAs to Plan members and beneficiaries. PERA issues a separate, publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to PERA, P.O. Box 2123, Santa Fe, NM 87504-2123.

**Funding Policy—ERA**—Board Plan members are required to contribute 7.75% of their gross salary. The Board is required to contribute 10.15% of the

gross covered salary. The contribution requirements of the Plan members and the Board are established in State statute at Chapter 22, Section 11, NMSA 1978. The requirements may be amended by acts of the Legislature. The Plan members' and the Board's contributions to the ERA for the fiscal years ending June 30, 2007, 2006, and 2005, were \$13,134, \$35,859, and \$37,829, respectively, equal to the amount of the required contributions for each fiscal year.

**Funding Policy—PERA**—PERA Plan members are required to contribute 7.42% of their gross salary. The Board is required to contribute 16.59% of the gross covered salary. The contribution requirements of the PERA Plan members and the Board are established in State statute at Chapter 10, Section 11, NMSA 1978. The requirements may be amended by acts of the Legislature. The Plan members' and the Board's contributions to the PERA for the fiscal years ending June 30, 2007, 2006, and 2005, were \$515,435, \$431,566, and \$390,696, respectively, equal to the amount of the required contributions for each fiscal year.

## 11. Post-employment Benefits

The Retiree Health Care Act (Section 10-7C-1 to 10-7C-16, NMSA 1978) (the "Act") provides comprehensive core group health insurance for persons who have retired from certain public service in the State. The purpose is to provide eligible retirees, their spouses, dependents, and surviving spouses with health insurance consisting of a plan or optional plans of benefits that can be purchased by funds flowing into the Retiree Health Care Fund (the "Fund") and by copayments and out-of-pocket payments of eligible retirees.

Monies flow to the Fund on a pay-as-you-go basis from eligible employees, employers, and retirees. Eligible employers are institutions of

higher education, school districts, or other entities participating in the Public School Insurance Authority; state agencies; state courts; magistrate courts; and municipalities or counties, which are affiliated under or covered by the ERA, the PERA, or the Magistrate Retirement Act.

Eligible retirees are as follows: (1) retirees who make contributions to the Fund for at least five years prior to retirement and whose eligible employer during that period of time made contributions as a participant on the person's behalf, unless that person retires before the employer's Fund effective date, in which event, the time period required for employee and employer contributions shall become the period of time between the employer's effective date and the date of retirement; or (2) retirees defined by the Act who retired prior to July 1, 1990, and former legislators who served at least two years.

Each participating employer makes contributions to the Fund in the amount of 1.3% of each participating employee's annual salary. Each employee contributes to the Fund in an amount equal to 0.65% of the employee's salary. Each participating retiree pays a monthly premium for the medical plus basic life plan and an additional participation fee of \$5 if the eligible participant retired prior to the employer's New Mexico Retiree Health Care Authority's (the "Authority") effective date or is a former legislator. Participants may also enroll in optional plans of coverage.

Each participating retiree pays a variable monthly premium based on coverage desired and years of service. The basic rate in FY 2007 was \$98.47. An additional premium of \$5 per month is charged if the eligible participant retired prior to July 1, 1990, and made no contributions to the Plan.

Contributions from participating employers and

employees become the property of the Fund and are not refundable under any circumstances, including termination of employment or termination of the participating employers' operation or participation in the Act. The employer, employee, and retiree contributions are required to be remitted to the Authority on a monthly basis.

The Authority issues a separate, publicly available audited financial report that includes post-employment benefit expenditures of premiums and claims paid, participant contributions (employer, employee, and retiree), and net expenditures for the fiscal year. The report also includes the approximate number of retirees participating in the Fund. That report may be obtained by writing to the Retiree Health Care Authority, 4308 Carlisle Blvd. NE, Suite 104, Albuquerque, NM 87107.

For the fiscal year ended June 30, 2007, \$27,267 in employer contributions and \$13,634 in employee contributions were remitted to the Authority by the Board.

For the fiscal year ended June 30, 2006, \$25,022 in employer contributions and \$12,515 in employee contributions were remitted to the Authority by the Board.

In July 2004, the Governmental Accounting Standards Board issued GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions (OPEB). GASB 45 establishes standards for the measurement, recognition, and display of OPEB expense/expenditures and related liabilities (assets), note disclosures, and, if applicable, required supplementary information in the financial reports of state and local governmental employers. The Board is in the process of determining the financial impact of GASB 45, which will be effective for the Board's fiscal year ending June 30, 2008.

# FINANCIAL SECTION

## 12. Risk Management

With the exception of investment losses, the Board is exposed to various business risks of loss for which it carries insurance through the Risk Management Division of the New Mexico General Services Department. In the event of a claim being filed, the Board is responsible only for a small deductible payment in amounts that vary according to the type of claim.

## 13. Statutory Disclosures

Section 2.2.2.12A(4) of the Audit Rule 2003, 2.2.2 NMAC entitled, “Requirements for Contracting and Conducting Audits of Agencies” requires that state agencies disclose all special, deficiency, and specific appropriations. The Board received the following specific appropriations:

Building Remodel/Addition	
Laws of 2000, 2nd S.S., Chapter 23, Section 29	\$ 750,000
Expended in FY 2001	(8,389)
Encumbered in FY 2001	<u>(63,999)</u>
Rebudgeted in FY 2002	677,612
Expended in FY 2002	(8,624)
Encumbered in FY 2002	<u>(46,986)</u>
Rebudgeted in FY 2003	686,001
Expended in FY 2003	(9,490)
Encumbered in FY 2003	<u>(74,744)</u>
Rebudgeted in FY 2004	648,753
Expended in FY 2004	(13,871)
Encumbered in FY 2004	<u>(60,873)</u>
Rebudgeted in FY 2005	648,753
Laws of 2002, Chapter 110, Section 58	500,000
Expended in FY 2005	(913,525)
Encumbered in FY 2005	<u>(50,769)</u>
Rebudgeted in FY 2006	245,332
Expended in FY 2006	(71,885)
Encumbered in FY 2006	<u>(1,055)</u>
Rebudgeted in FY 2007	223,161
Laws of 2006, Chapter 111, Section 71	500,000
Laws of 2007, Chapter 42, Section 90	1,185,188
Expended in FY 2007	(125,024)
Encumbered in FY 2007	<u>(702,262)</u>
Unencumbered balance—June 30, 2007	<u>\$ 1,081,063</u>

# FINANCIAL SECTION

Pension Information Management System (IRIS)

Laws of 2000, Second Special Session/Chapter 5, Section 8	\$ 3,000,000
Expended in FY 2001	(38,007)
Encumbered in FY 2001	<u>(41,514)</u>
Rebudgeted in FY 2002	2,920,479
Expended in FY 2002	(2,166,943)
Encumbered in FY 2002	<u>(795,050)</u>
Rebudgeted in FY 2003	-
Expended in FY 2003	(795,050)
Encumbered in FY 2003	<u>-</u>
Unencumbered balance—June 30, 2007	-
Laws of 2001, Second Session/Chapter 64, Section B	3,000,000
Expended in FY 2002	-
Encumbered in FY 2002	<u>(1,281,812)</u>
Rebudgeted in FY 2003	1,718,188
Expended in FY 2003	(871,639)
Encumbered in FY 2003	<u>(1,206,353)</u>
Rebudgeted in FY 2004	922,008
Expended in FY 2004	(539,007)
Encumbered in FY 2004	<u>(1,589,722)</u>
Rebudgeted in FY 2005	-
Expended in FY 2005	(784,481)
Expended in FY 2006	(804,137)
Encumbered in FY 2006	<u>-</u>
Unencumbered balance—June 30, 2007	-
Laws of 2002, Second Session/Chapter 4, Section 7, Item 11	2,000,000
Expended in FY 2004	-
Encumbered in FY 2004	<u>(1,607,110)</u>
Rebudgeted FY 2005	392,890
Expended in FY 2005	(769,168)
Encumbered in FY 2005	<u>(286,848)</u>
Rebudgeted FY 2006	690,895
Expended in FY 2006	<u>(37,973)</u>
Unencumbered balance—June 30, 2006	939,770

(Continued)

# FINANCIAL SECTION

Pension Information Management System (IRIS)	
Expended in FY 2007	\$ (889,515)
Encumbered in FY 2007	<u>(50,255)</u>
Unencumbered balance—June 30, 2007	-
Laws of 2004, Second Session/Chapter 114, Section 8, Item 16	750,000
Encumbered in FY 2007	<u>(750,000)</u>
Unencumbered balance—June 30, 2007	-
Laws of 2005, Second Session/Chapter 33, Section 7, Item 5	300,000
Encumbered in FY 2007	<u>(28,072)</u>
Unencumbered balance—June 30, 2007	271,928
Laws of 2006, Second Session/Chapter 109, Section 7, Item 7	<u>750,000</u>
Unencumbered balance—June 30, 2007	750,000
	(Concluded)

The Board expects to complete the final phase of the IRIS Project in 2008.

Any unspent amounts of the above specific

appropriations revert to the Educational Employees' Retirement Fund, the source of the funding, and not to the State General Fund.

## REQUIRED SUPPLEMENTARY INFORMATION

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STATEMENT 1

STATE OF NEW MEXICO  
EDUCATIONAL RETIREMENT BOARD

SCHEDULE OF FUNDING PROGRESS  
FOR THE YEAR ENDED JUNE 30, 2007  
(Unaudited)

Valuation Date June 30	(1) Actuarial Value of Assets (AVA)	(2) Actuarial Accrued Liability (AAL)	(3) Unfunded Actuarial Accrued Liability (2) - (1)	(4) Funded Ratio (1)/(2)	(5) Annual Covered Payroll	(6) Unfunded Liability Actuarial as a Percentage of Covered Payroll (3)/(5)
2002	\$ 7,595.1	\$ 8,748.0	\$ 1,152.9	86.8%	\$ 1,978.5	58.3 %
2003	7,518.2	9,266.6	1,748.5	81.1%	2,032.5	86.0
2004	7,488.0	9,927.1	2,439.1	75.4%	2,142.4	113.8
2005	7,457.5	10,591.8	3,134.3	70.4%	2,209.1	141.9
2006	7,813.9	11,436.3	3,622.4	68.3%	2,219.4	163.2
2007	8,591.4	12,190.1	3,598.7	70.5%	2,341.1	153.7

Note: Dollar amounts are in millions.

STATE OF NEW MEXICO  
EDUCATIONAL RETIREMENT BOARD

SCHEDULE OF EMPLOYER CONTRIBUTIONS  
FOR THE YEAR ENDED JUNE 30, 2007  
(Unaudited)

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Fiscal Year Ended June 30	Annual Required Contribution	Percentage Contributed
2002	\$ 173,863,363	100.0 %
2003	179,132,226	100.0
2004	203,937,432	92.8
2005	243,237,303	81.3
2006	299,967,996	75.5
2007	364,128,448	70.3

# FINANCIAL SECTION

## NOTES TO REQUIRED SUPPLEMENTARY INFORMATION AS OF AND FOR THE YEARS ENDED JUNE 30, 2007 AND 2006

(Unaudited)

### ACTUARIAL METHODS AND SIGNIFICANT ASSUMPTIONS

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows:

	2007	2006
Valuation date	June 30, 2007	June 30, 2006
Actuarial cost method	Entry age normal	Entry age normal
Amortization method	Level payment, open	Level payment, open
Amortization period for GASB 25 ARC**	30 years	30 years
Asset valuation method	5-year smoothed market	5-year smoothed market
Actuarial assumptions:		
Investment rate of return*	8.00%	8.00%
Projected salary increases*	5.00% to 13.50%	5.00% to 13.50%
* Includes inflation calculated at	3.00%	3.00%
Cost of living adjustments	2.00%	2.00%

\*\*The Governmental Accounting Standards Board (“GASB”) Annual Required Contribution (“ARC”) for this Plan is defined as the larger of (a) the employer normal cost plus a 30-year amortization of the Unfunded Actuarial Accrued Liability (“UAAL”), and (b) the statutory employer contribution rate, plus the 3.00% contribution on behalf of ARP members. Under GASB 25, the maximum allowable amortization period is 30 years. GASB 25 had allowed the use of a 40-year amortization during a transitional period that ended with FY 2006.

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# FINANCIAL SECTION

## SCHEDULE 1

### STATE OF NEW MEXICO EDUCATIONAL RETIREMENT BOARD

#### SCHEDULE OF ADJUSTMENTS TO BUDGETARY BASIS FOR THE YEAR ENDED JUNE 30, 2007

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Revenue GAAP basis	\$ 1,809,800,076
Net appreciation in investment value	(1,177,439,939)
Investment advisor and custody fees	20,836,471
Current-year revenue not needed for budgeted expenses	<u>(620,984,421)</u>
Revenue (non-GAAP) budgetary basis	<u>\$ 32,212,187</u>
Expenses GAAP basis—administrative*	\$ 5,625,344
Capital outlay	34,446
Depreciation expense	(822,041)
Investment advisor and custody fees	20,836,471
Decrease in accrued compensated absences	(32,010)
Loss on sale of capital assets	(1,196)
Miscellaneous	<u>(1,240)</u>
Expenses (non-GAAP) budgetary basis	<u>\$ 25,639,774</u>

\*Significant revenues and non-administrative expenses are not budgeted (see Note 2).

STATE OF NEW MEXICO  
EDUCATIONAL RETIREMENT BOARD

SCHEDULE OF CASH ACCOUNTS  
AS OF JUNE 30, 2007 AND 2006

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Educational Employees' Retirement Fund  
Pension Trust Account  
Funds 605 and 629

	2007	2006
Petty cash	\$ 100	\$ 50
Qualified Excess Benefit Arrangement Trust		
Checking Account at Wells Fargo Bank	23,514	18,646
Short-term investment accounts:		
Overnight repurchase agreement pool—State Treasurer	11,124,535	39,648,238
Short-term Investment Fund—STIF	<u>316,591,014</u>	<u>200,037,624</u>
Balance per financial statements	<u>\$ 327,739,163</u>	<u>\$ 239,704,558</u>
Pledged collateral for Wells Fargo demand deposit account:		
Total amount on deposit at June 30	\$ 23,514	\$ 18,646
Less Federal Deposit Insurance Corporation coverage	<u>(23,514)</u>	<u>(18,646)</u>
Total uninsured public funds	<u>\$ -</u>	<u>\$ -</u>

STATE OF NEW MEXICO  
EDUCATIONAL RETIREMENT BOARD

ACCOUNTABILITY IN GOVERNMENT ACT—PERFORMANCE MEASURES  
AS OF JUNE 30, 2007  
(Unaudited)

Type	Description	Target	Actual
Outcome	Average number of days to process refund requests	15	30
Output	Average number of days to respond to requests for benefits estimates and purchase of service requests	20	24
Outcome	Percentage of member satisfaction with seminars and trainings	95%	98%
Outcome	Average rate of return over a cumulative five-year period	8.00 %	11.50 %
Output	Percent of retirement applications processed within 60 days	95%	96%
Output	Number of benefit estimates and purchase of service requests computed annually	6,000	3,505
Output	Number of member workshops conducted	27	42
Quality	Percent of accurately computed retirements	99.5%	99.5%
Output	Percent completion of the new pension system	n/a	89%
Outcome	Funding period of UAAL in years	≤ 30	Infinite

STATE OF NEW MEXICO  
EDUCATIONAL RETIREMENT BOARD

STATEMENT OF REVENUES AND EXPENSES—BUDGET AND ACTUAL (NON-GAAP BASIS)  
FOR THE YEAR ENDED JUNE 30, 2007

---

	Original Budget	Final Budget	Actual Budgetary Basis	Variance— Final Budget Favorable (Unfavorable)
REVENUES:				
Other state funds	<u>\$ 29,532,187</u>	<u>\$ 32,212,187</u>	<u>\$ 32,212,187</u>	<u>\$ -</u>
<b>TOTAL BUDGETED REVENUE</b>	<u><b>\$ 29,532,187</b></u>	<u><b>\$ 32,212,187</b></u>	<u><b>\$ 32,212,187</b></u>	<u><b>\$ -</b></u>
EXPENSES:				
Personal services and employee benefits	\$ 3,433,300	\$ 3,633,300	\$ 3,304,119	\$ 329,181
Contractual services	23,456,038	25,756,038	21,413,699	4,342,339
Other costs	<u>2,642,849</u>	<u>2,822,849</u>	<u>921,956</u>	<u>1,900,893</u>
<b>TOTAL EXPENSES</b>	<u><b>\$ 29,532,187</b></u>	<u><b>\$ 32,212,187</b></u>	<u><b>\$ 25,639,774</b></u>	<u><b>\$ 6,572,413</b></u>

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## *Members & Retirees of NMERB:*

NMERB enjoyed its fourth year in a row of double digit returns from the investment portfolio. The one year return of 17.6% slightly underperformed its policy benchmark return of 17.9%. These better than average returns were once again led by the International Equity Markets, which produced a return in the NMERB portfolio of 29.4%. This sector was helped largely by the International Emerging Markets portfolio which generated a return of 45.3% versus its benchmark of 45.0%. The domestic stock portfolio was also a big contributor of these double digit returns by posting a return of 19.8% which slightly underperformed the Wilshire 5000 return of 20.5%. The REIT (Real Estate Investment Trust) Portfolio also managed to post impressive numbers for the fiscal year despite the problems in the real estate market in general. Despite a negative return for the fourth quarter of the fiscal year, the REIT portfolio returned a positive 11.3% return for the entire fiscal year. The performance of the bond portfolio was not quite as spectacular as the equity portfolio. It did, however, return 6.9% which outperformed its benchmark, the Lehman Brothers Aggregate of 6.1%.

ERB's three-year total Fund return of 13.2% per year surpassed its policy target return of 12.9% by 30 basis points (0.3%). The policy target represents the return that would have been earned by the Fund based on its target asset allocation and assuming that the investments in each separate asset class mirrored their benchmark returns.

ERB's five-year total Fund return also surpassed its policy target return. For five years the fund returned 11.5% annually, outpacing its benchmark of 11.4%. These returns reflect the positive investment performance experienced by the Fund since the negative 2000-2002 period.

ERB's 10-year total Fund return was 7.7% which was 40 basis points (0.40%) below its policy target of 8.1% and slightly below the actuarial rate of 8%.

In February 2006, the ERB Board adopted a new asset allocation policy to reflect the changes allowed by the 2005 Legislation authorizing the Prudent Investor Rule. This rule effectively eliminated the "state legal list" and allows the Board to invest in a broad array of asset classes to allow for further diversification of the Fund. The Board authorized staff to invest 5% of the assets in Private Equities, 5% in Hedge Funds and 5% in Real Estate. The Board has actively been adding to these new asset classes. As of fiscal year end, NMERB had \$770,820,194 invested in Absolute Return Strategies, or 8.2% of the total portfolio. Because we did not begin investing in this asset class until November, 2006, we do not have annualized performance numbers. The Board also hired Aldus Equity to become its Private Equity Consultant. As of fiscal year end we had approximately \$18 million invested in private equities. This asset class will take some time to build the portfolio.

The goal of adding the new asset classes is to smooth out the year to year fluctuation of returns. In the past, returns were highly dependent on the stock market. Further diversification will lead to dampening losses in times of stock market downturns.

Investment returns for the past four fiscal years were quite strong, as the stock market rebounded from low levels. With more moderate economic growth, problems in the sub prime real estate market, the war in Iraq and high energy prices, the Board and investment staff anticipate that market returns will be considerably more modest over the next few years. Earning the 8% actuarial rate may once again prove to be a challenge. As always, the Board and staff will focus on the long term nature of the fund, with an eye toward the perpetual nature of your retirement fund.

Sincerely,

Frank C. Foy  
Deputy Chief Investment Officer

Bob Jacksha  
Chief Investment Officer

## INVESTMENTS OVERVIEW

### I. Investment Objectives

Recognizing the important and perpetual nature of the Fund and the fiduciary responsibilities of the Board, the primary goal in investing the assets shall be to provide significant real returns adjusted for inflation over long periods of time with acceptable risk. In light of these dual goals, the Investment Division seeks to diversify the Fund's assets for purposes of both controlling risk and enhancing return. Over the long term, the fund's objective also is to earn the actuarial rate of return, currently set at 8%.

The primary goal of the equity investment program is to build a diversified portfolio of stocks. The primary focus is on large capitalization "blue chip" stocks with further diversification achieved through allocations to small capitalization and international equities. Stock portfolios are managed in both the "growth" and "value" styles to provide further diversification. A portfolio of REITS (real estate investment trusts) provides exposure to real estate through an equity vehicle.

Fixed income securities are actively managed by external investment managers. The primary focus is on investment grade securities including US Treasury and agency, corporate, and asset backed securities. Additional diversification is achieved through an investment in high yield corporate bonds.

### II. Investment Process

While ultimately responsible, the Board relies on the Investment Committee of the Board (the Director and three Board members) to monitor the activities of the Investment Division. Within the applicable statutes and investment guidelines established by the Board, the

Investment Division uses both internal and external managers for its assets. The S&P 500 equity and REIT index portfolios are managed internally. All other portfolios are managed externally.

In the day-to-day operation of the Investment Division, the in-house staff evaluates the investment environment to determine the relative attractiveness of the various asset classes. Based on their analysis, net cash flow from the portfolios is reinvested, bearing in mind the long-term asset allocation goals set by the Board. These asset allocation decisions were made in conjunction with an analysis of the long-term liabilities of the Fund. In view of the importance of asset allocation to investment performance, staff and the Investment Committee regularly monitor the position of the Fund relative to its target allocation. The general guidelines relating to these asset classes are reviewed annually by the Investment Committee and are included in ERB's written Investment Policy.

The investment activity is governed by the Educational Retirement Act of New Mexico. The "prudent man" standard, as defined in the state statutes, requires all members of the Board and the investment staff to discharge their duties solely in the interest of Fund participants and beneficiaries and with the care, skill, prudence and diligence which they would exercise in the conduct of their own affairs.

### III. Asset Allocation

Asset allocation is the single greatest determinant of Fund performance. Based on a study conducted by the Fund's investment consultant, who considered both anticipated

liabilities and expected market returns, the Board adopted a new asset allocation plan in February 2006. The targeted asset allocation is shown in Exhibit A. The new plan varies from past years in that new classes of alternative investments were added to the mix. The alternatives include real estate, private equity and hedge funds. The policy change was enabled by new legislation passed in 2005 which eliminated the previous restrictions in the state legal list and authorized the Prudent

Investor Rule. This change allows greater Fund diversification, allowing a long-term reduction in risk (as measured by the standard deviation of returns) while maintaining the same expected return. Implementation of the new asset allocation plan is now underway. Full implementation is expected to be a multi-year process due to the nature of the alternative assets.

Exhibit A Asset Allocation Policy				
Asset Class:	Target Weight	Minimum	Maximum	Actual 6/30/07
<b><u>Equities</u></b>				
Domestic Equities	40%	35%	45%	41.2%
International Equities	18%	15%	21%	19.9%
<b>Total Equities</b>	<b>58%</b>	<b>53%</b>	<b>63%</b>	<b>61.1%</b>
<b><u>Fixed Income</u></b>				
Investment Grade Bonds	22%	19%	25%	21.5%
High Yield Bonds	5%	3%	8%	4.8%
<b>Total Fixed Income</b>	<b>27%</b>	<b>22%</b>	<b>33%</b>	<b>26.3%</b>
<b><u>Alternatives:</u></b>				
Real Estate/REITs	5%	2%	8%	3.0%
Private Equity	5%	2%	8%	0.6%
Hedge Funds	5%	2%	8%	8.2%
<b><u>Cash</u></b>	<b>0%</b>			<b>0.81%</b>

## INVESTMENT PERFORMANCE OVERVIEW

### I. ERB Fund Strategy

The ERB investment strategy focuses on a long-term approach, given the long-term nature of the Fund liabilities. Diversifying the portfolio across several different asset classes mitigates risk by ensuring that the Fund is not completely exposed to one poorly performing market. The long-term approach to asset allocation requires that the Fund be periodically rebalances by taking profits

from the better performing asset classes and redeploying the cash into areas which have fallen in value. This discipline enforces a buy low/sell high philosophy during periods of market volatility and uncertainty.

### II. Investment Activity

The ERB adopted a new investment policy and asset allocation in February of 2006. As a result, ERB began the implementation of

# INVESTMENTS

alternative investment strategies in fiscal year 2007, with the goal of further diversifying the assets of the Fund, by adding private equity and an absolute returns strategy using hedge fund of funds. In addition, ERB completed the search for an advisor to help build a portfolio of real estate investments. While the absolute return strategy allocation was met during the fiscal year, the real estate and private equity allocations require a multiyear implementation due to the nature of those markets.

### III. ERB Portfolio Performance

The ERB investment portfolio performed well during the year returning 17.6% although this

was somewhat less than the policy benchmark of 17.9%.

The domestic equity portfolio gained 19.8%, versus the Wilshire 5000 return of 20.5%. International stocks did even better than the domestic market. The MSCI All-World ex-US Index returned 29.6% for the year. The ERB international equity portfolio returned 29.4%, slightly less than the index. Fixed income also performed well. The ERB portfolio had a return of 6.9% versus 6.1% for the Lehman Aggregate Bond Index. The internally managed REIT index returned 11.3%, slightly less than the Wilshire REIT Index return of 11.7%.

## INVESTMENT RATES OF RETURN

Fiscal Year Ended 6/30/06

Asset Class <i>Benchmark</i>	1 year <u>2007</u>	3 year <u>2005-07</u>	5 year <u>2003-07</u>
Domestic Equity <i>Wilshire 5000</i>	19.8% 20.5%	12.2% 12.7%	11.8% 12.0%
International Equity <i>MSCI ACW ex US</i>	29.4% 29.6%	24.1% 24.5%	18.7% 19.5%
Real Estate Inv. Trusts <i>DJI/Wilshire REIT</i>	11.3% 11.7%	22.0% 22.3%	N/A N/A
Fixed Income <i>Lehman Aggregate Bond</i>	6.9% 6.1%	4.6% 4.0%	4.9% 4.5%
TOTAL FUND	17.6%	13.2%	11.5%
POLICY INDEX	17.9%	12.9%	11.4%

## MARKET VALUE OF INVESTMENTS

June 30, 2007

Type of Investment	Market Value (000s)	Percent of Total Fund
<b>Domestic Equity</b>		
Large Cap	3,412,329	36.2%
Small Cap	475,303	5.0%
Total Domestic Equity	3,887,632	41.2%
<b>International Equity</b>		
Developed Markets	1,639,432	17.4%
Emerging Markets	241,765	2.6%
Total International Equity	1,881,197	20.0%
<b>Fixed Income</b>		
High Yield	451,484	4.8%
Core Bonds	2,027,991	21.5%
Total Fixed Income	2,479,475	26.3%
<b>Real Estate Investment Trusts</b>	281,702	3.0%
<b>Private Equity</b>	58,237	0.6%
<b>Absolute Return/Hedge Funds</b>	770,820	8.2%
<b>Cash</b>	80,064	0.8%
<b>FUND TOTAL</b>	<b>9,439,127</b>	<b>100.0%</b>

# INVESTMENTS

## LIST OF LARGEST ASSETS HELD June 30, 2007

### Ten Largest Stock Holdings

<u>Company</u>	<u>Shares</u>	<u>Market Value</u>
EXXON MOBIL CORP COM	1,228,469	103,043,980
GENERAL ELECTRIC CO	2,122,568	81,251,903
MICROSOFT CORP COM	2,204,162	64,956,654
CITIGROUP INC COM	1,225,275	62,844,355
BANK OF AMERICA CORP	1,284,397	62,794,169
CISCO SYSTEMS INC	2,244,688	62,514,561
AT&T INC COM	1,450,686	60,203,469
PROCTER & GAMBLE CO COM	884,238	54,106,523
JPMORGAN CHASE & CO COM	1,092,072	52,910,888
PEPSICO INC COM	685,440	44,450,784

### Ten Largest Bond Holdings

<u>Bond</u>	<u>Par Value</u>	<u>Market Value</u>
CF WESTN AST MTG BACKED SEC PORT	26,114,618	287,992,003
FNMA 30 YEAR PASS-THROUGHS 5.5% 30 YEARSSETTLES JULY	118,315,000	114,100,028
US TREAS NTS DTD 00150 4.75 DUE 01-31-2012 REG	38,605,000	38,315,463
US TREAS NTS DTD 00154 4.625 DUE 02-29-2012 REG	36,425,000	35,958,323
UNITED STATES TREAS NTS NT 5.125% DUE 05-15-2016 REG	35,110,000	35,307,494
FNMA 30 YEARS SINGLE FAMILY MTG 6 30 YEARS SETTLES JUL	32,005,000	31,654,929
US TREAS INFL IX NT 2.375 DUE 04-15-2011REG	30,595,000	31,496,790
US TREAS NTS INFL IX 2.50 DUE 07-15-2016REG	28,330,000	28,657,808
CF WESTN AST OPP INT INV GRADE SEC PORT LLC	1,323,989	26,486,405
UNITED STATES TREAS NTS T-NT 5.125% DUE 06-30-2011 REG	24,350,000	24,534,524

## SCHEDULE OF INVESTMENT FEES AND COMMISSIONS FOR YEAR ENDED JUNE 30, 2007

	Investment Fees	Commissions
Domestic Fixed Income	4,006,173	N/A
Domestic Equities	8,414,968	2,467,539
International Equities	6,611,759	256,794
Short Term Investment (NTR)	105,971	N/A
<hr/>		
Total	19,138,871	2,724,333
Custodian Fees	300,477	N/A
Consultant Fees	977,028	N/A
<b>Grand Total</b>	<b>\$20,416,376.00</b>	<b>\$2,724,333.00</b>

Excludes fees and commissions associated with comingled funds.

# ACTUARIAL REPORT

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December 7, 2007

Board of Trustees  
Educational Retirement Board of New Mexico  
P.O. Box 26129  
Santa Fe, NM 87502-0129

Dear Members of the Board:

**Subject: Actuarial Valuation as of June 30, 2007**

We certify that the information contained in this report is accurate and fairly presents the actuarial position of the Educational Retirement Board of New Mexico (ERB) as of June 30, 2007.

All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion the results presented also comply with the relevant statutes, and, where applicable, the Internal Revenue Code, ERISA, and the Statements of the Governmental Accounting Standards Board. The undersigned are independent actuaries. Both are Enrolled Actuaries and Members of the American Academy of Actuaries, and both are experienced in performing valuations for large public retirement systems. Both meet the Qualification Standards of the American Academy of Actuaries.

To the best of our knowledge, this report is based on benefit provisions in effect as of June 30, 2007, audited financial information prepared as of that date, member data gathered as of that date, and actuarial assumptions and methods previously adopted by the Board.

#### **Actuarial Valuation**

The primary purposes of the valuation report are to determine the adequacy of the current employer contribution rate, to describe the current financial condition of ERB, and to analyze changes in ERB's condition. In addition, the report provides information required by ERB in connection with Governmental Accounting Standards Board Statement No. 25 (GASB 25), and it provides various summaries of the data.

Valuations are prepared annually, as of June 30 of each year, the last day of ERB's plan and fiscal year.

# ACTUARIAL REPORT

Board of Trustees  
December 7, 2007  
Page 2

## Financing Objectives

The member and employer contribution rates are established by statute. In 2005, the enactment of SB 181 increased the employer contribution rate by 75 basis points (0.75%) each year through FY 2012, and it increased member contribution rates by 7.50 basis points (0.075%) each year through FY 2009. As of July 1, 2007, the current employer contribution rate is 10.90% and the current member contribution rate is 7.825%. The member rate will reach its ultimate level of 7.90% in FY 2009, and the employer rate will reach its ultimate level of 13.90% in FY 2012. In addition, certain higher education employers make an additional contribution equal to 3.00% of the total pay for their employees who elected to join the Alternative Retirement Program rather than ERB.

These rates are intended to be sufficient to pay ERB's normal cost and to amortize ERB's unfunded actuarial accrued liability (UAAL) in payments which are level as a percentage of payroll. Except for short-term fluctuations, the amortization period should not exceed the maximum 30-year period currently allowed under GASB No.25. (The amortization period, also referred to as the funding period, is the number of years expected to be required to completely amortize the UAAL, assuming that ERB's experience exactly follows the actuarial assumptions.) This funding policy is set by the Board of Trustees, and is considered reasonable by the actuary.

## Progress Toward Realization of Financing Objectives

As of June 30, 2007, ERB has an infinite funding period. Therefore, if the employer contribution rate (10.90% as of July 1, 2007) and member contribution rate (7.825% as of July 1, 2007) were to remain in place, and all actuarial assumptions were exactly realized, including an 8.00% investment return on the actuarial value of assets, then the UAAL would never achieve complete amortization. The contribution that would be required in order to amortize the UAAL over 30 years is 13.84%. (Last year the rate was 14.51%.) Thirty years is the maximum funding period under GASB 25. As mentioned above, under current law, the employer and member rates will increase to 13.90% and 7.90%, respectively. However, GASB 25 does not permit the consideration of contribution rates not yet in effect, so an infinite funding period must be reported.

Our projections indicate that these increased contributions will result in the unfunded liability being fully amortized within about 19 years. (This projection reflects an assumption that active membership growth will average 1.50% per year. GASB 25 prohibits reflecting anticipated membership growth in the financial reports or required supplemental schedules.)

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) increased from last year. The funded ratio at June 30, 2006 was 68.3%, while it is now 70.5%. Five years ago the ratio stood at 86.8%, and ten years ago the ratio was 77.1%. However, if the ratio were calculated using the market value rather than the actuarial value of assets, it would be 77.6% as of June 30, 2007, up from 71.9% as of June 30, 2006. During the last fiscal year, the UAAL decreased from \$3,622.4 million to \$3,598.7 million.

Gabriel Roeder Smith & Company

Board of Trustees  
December 7, 2007  
Page 3

## **Future Expected Changes**

All of the standard actuarial measurements, including the funded ratio and the funding period, are functions of the actuarial value of assets. The actuarial value of assets recognizes investment gains and losses—the positive or negative differences between the actual net investment return on market value and the expected 8.00% investment return—over a period of five years, at the rate of 20% per year. Therefore, 20% of the gain from FY 2004, 40% of the gain from FY 2005, 60% of the gain from FY 2006, and 80% of the gain in FY 2007 are not yet reflected in the actuarial measurements.

Because of the known asset gains which will be phased in over the next five years, we project that the funded ratio will increase next year, and that by the time the employer contribution reaches 13.90%, in FY 2012, the plans contributions will be larger than required under GASB 25. This could possibly occur even sooner, perhaps by FY 2010 or FY 2011.

## **Benefit Provisions**

The actuarial valuation reflects the benefit and contribution provisions set forth in the relevant New Mexico statutes. There were no material benefit changes made to these provisions since the previous actuarial valuation. The increases to the contribution rates which are still being phased in are described above. There are no ancillary benefits (such as cost-of-living increases to retirees) funded by a source independent of ERB.

## **Assumptions and Methods**

Actuarial assumptions and methods are set by the Board of Trustees, based upon recommendations made by the plan's actuary. The last review of these assumptions occurred following the 2006 actuarial valuation, and the Board adopted our recommendation to leave the current set of assumptions unchanged.

We believe the recommended assumptions are internally consistent and are reasonably based on the actual experience of ERB. The actuarial assumptions and methods used in this report comply with the parameters for disclosure that appear in GASB 25.

The results of the actuarial valuation are dependent on the actuarial assumptions used. Actual results can and almost certainly will differ, as actual experience deviates from the assumptions. Even seemingly minor changes in the assumptions can materially change the liabilities, calculated contribution rates and funding periods.

Gabriel Roeder Smith & Company

# ACTUARIAL REPORT

Board of Trustees  
December 7, 2007  
Page 4

## Member and Financial Data

Member data for retired, active, and inactive participants was supplied as of June 30, 2007, by the ERB staff. We have not subjected this data to any auditing procedures, but have examined the data for reasonableness and consistency with the prior year's data. Asset information was also supplied by the ERB staff.

We would like to thank the ERB staff for their assistance with this project.

Sincerely,



J. Christian Conradi, ASA, MAAA, EA  
Senior Consultant



Leslie L. Thompson, FSA, MAAA, EA  
Senior Consultant

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Gabriel Roeder Smith & Company

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## Executive Summary

Valuation Date:	06/30/2007	06/30/2006
Fiscal Year Ending:	06/30/2008	06/30/2007
<b>Membership</b>		
• Number of		
- Active members	62,687	61,829
- Retirees and beneficiaries	29,969	28,539
- Inactive, vested	8,298	8,369
- Inactive, nonvested	21,644	21,581
- Total	122,598	120,318
• Payroll	\$ 2,341.1 million	\$ 2,219.4 million
<b>Statutory contribution rates</b>		
• Employer	10.90%	10.15%
• Member	7.825%	7.750%
<b>Assets</b>		
• Market value	\$ 9,455.8 million	\$ 8,219.3 million
• Actuarial value	\$ 8,591.4 million	\$ 7,813.9 million
• Return on market value	16.7%	12.0%
• Return on actuarial value	11.6%	6.4%
• Employer contributions	\$ 255.9 million	\$ 226.5 million
• External cash flow %	-1.3%	-1.4%
• Ratio of actuarial to market value	90.9%	95.1%
<b>Actuarial Information</b>		
• Normal cost %	13.56%	13.56%
• Unfunded actuarial accrued liability (UAAL)	\$ 3,598.7 million	\$ 3,622.4 million
• Funded ratio	70.5%	68.3%
• Funding period (years)	Infinite	Infinite
• GASB Annual Required Contribution	13.84%	14.51%
<b>Gains/(losses)</b>		
• Asset experience	\$ 275.3 million	\$ (121.8) million
• Liability experience	(91.8) million	(205.3) million
• Benefit changes	N/A	N/A
• Assumption/method changes	-	-
• Total	\$ 183.5 million	\$ (327.1) million

# ACTUARIAL REPORT

## Introduction

Table 1 shows the most significant actuarial results. Table 2 analyzes changes in the UAAL. Tables 3 and 4 show more detailed actuarial information. Tables 5a and 5b develop the GASB 25 Annual Required Contribution for the last fiscal year, and Tables 6a-6c show required GASB 25 disclosure information. Tables 7a, 7b, 15, 16 and 17 show statistical information about the membership, and Tables 8a-11b, and Table 13 show information about plan assets. Tables 12a and 12b show the calculation of the actuarial gains and losses. Table 14 shows the solvency test, used by some funds in their annual report. Finally, Appendix 1 is a summary of the benefit and contribution provisions of ERB, Appendix 2 is a summary of the actuarial methods and assumptions, and Appendix 3 is a Glossary.

## Actuarial Information

The determination of the unfunded actuarial accrued liability (UAAL) and the funding period involves the following steps:

- The actuarial present value of future benefits is determined for the present members, including retired members, beneficiaries, inactive members and active members. This amounts to \$14,582.6 million, as shown on Table 3.
- The entry age normal funding method is used to allocate the actuarial present value of future benefits between the portion due for the current year (the normal cost), prior years (the actuarial accrued liability) and future years. The actuarial accrued liability is \$12,190.1 million, as shown in line 6d on Table 1.
- Under the entry age normal cost method the current and future normal costs are determined as a level percentage of payroll. Table 4 shows an analysis of the normal cost rate. The amount needed to fund the current and future normal costs is 13.56% of payroll inclusive of member contributions. This is the total (member plus employer) contribution rate needed to pay for the average new member.
- Part of the normal cost is paid by the employee contributions of 7.825%, leaving 5.735% to be funded by the employers. I.e., the current year's employer normal cost is 5.735% of payroll. This is shown in Line 3 of Table 1.
- The unfunded actuarial accrued liability (UAAL) is determined by subtracting the actuarial value of assets from the actuarial accrued liability. (The actuarial value of assets is a smoothed market value, as discussed in more detail below.) The UAAL is \$3,598.7 million, as shown in line 8 on Table 1.
- Since the statutory employer contribution rate is 10.90%, and the employer normal cost rate is 5.735%, the difference of 5.165% is used to amortize the UAAL. The 3% contribution made on behalf of ARP members is also used to amortize the UAAL.
- Finally, the funding period is the anticipated period needed to reduce the UAAL to zero, assuming that plan experience exactly follows the assumptions, that no benefit changes are made, that payroll grows at 3.75% per year, and that the contributions

are made as required. As shown in line 10 on Table 1, the current employer rate is not sufficient to amortize the UAAL over any period.

## Analysis of Changes

Table 2 shows an analysis of the changes in the UAAL. Since the UAAL is an actuarial present value, with future anticipated benefits discounted using an 8.00% interest rate, the UAAL increases each year by the imputed interest rate, less employer contributions made to amortize the UAAL. (Keep in mind that part of the employer contribution is used to pay the normal cost, so only part of each year's contribution is available to amortize the UAAL.)

As shown on Table 2, the UAAL increased by \$289.8 million for imputed interest and decreased by \$130.0 million because of payments made. This means that the UAAL was expected to increase \$159.8 million before recognizing plan experience. The UAAL as of June 30, 2006 was \$3,622.4 million, and the expected UAAL at June 30, 2007, recognizing actual contributions made, was \$3,782.2 million.

The plan experienced a liability loss of \$91.8 million. This loss represents 0.8% of the total actuarial accrued liability.

However, we had previously anticipated that the plan would experience an actuarial gain on investments, because under the smoothing method used to determine the actuarial value of assets, we knew there were still substantial deferred gains from FY 2004, FY 2005 and FY 2006.

As expected the plan experienced an actuarial gain on investments of \$275.3 million. The investment gain resulted from the fact that the return on the actuarial value of assets, 11.6%, was greater than the 8.00% assumed investment return rate. This gain was the result of recognizing an additional 20% of the gains from FY 2004, FY 2005, FY 2006 and FY 2007 and the remaining 20% of the loss from FY 2003. The market rate of return in FY 2007 was 16.7%.

There were no material benefit changes adopted since the last actuarial valuation, nor were any changes made to the actuarial assumptions or methods.

As a result of all the experience, the UAAL decreased from \$3,622.4 million to \$3,598.7 million, and the funding period remained infinite.

## GASB 25 Disclosure

Governmental Accounting Standards Board Statement No. 25 (GASB 25) is the relevant accounting standard for governmental retirement systems like ERB.

Tables 5a and 5b show the calculation of the Annual Required Contribution (ARC) as computed under GASB 25, and they show what percent of this amount was actually received. For ERB, the ARC is defined to be the actual contributions required by statute, as long as this is not less than the minimum allowed under GASB 25. The GASB 25 minimum is equal to the employer normal cost, plus a 30-year amortization of the UAAL.

Tables 6a, 6b, and 6c show information required to be reported under GASB 25.

# ACTUARIAL REPORT

Table 6a shows a history of funding progress—a comparison of the actuarial value of assets with the actuarial accrued liability and a comparison of the UAAL with covered payroll. This table shows steady progress over the years from 1992 to 2001, with the best funded ratio in 2001, 91.9%, then it decreased to 86.8% as of 2002, 81.1% as of 2003, 75.4% as of 2004, 70.4% as of 2005, and 68.3% as of 2006.

These decreases were principally the result of investment experience in the 2001 – 2003 fiscal years, which were being phased into the actuarial value of assets. The ratio increased to 70.5% as of 2007 and is expected to continue to increase in the next few years as the investment gains from the 2004 – 2007 fiscal years continue to be phased in.

Table 6b shows a ten-year comparison of (a) the employer contributions actually received, with (b) the GASB 25 ARC. Note that this shows that 70.3% of the ARC was contributed during FY 2007, since the 10.15% employer contribution rate is less than the 30-year contribution calculated in last year's valuation (14.51%). For FY 2008, the financial reports prepared for ERB will show that only approximately 79% of the ARC was contributed. This is because the 10.90% statutory rate is less than the calculated 30-year contribution rate of 13.84%.

Table 6c shows other information which must be included in the notes section of the financial report. The auditor's notes should also disclose the following items that may affect the comparability of the trend information shown in Tables 6a and 6b:

- Actuarial assumptions were changed at June 30, 1998, June 30, 2001, June 30, 2003 and June 30, 2005.

## Benefit Provisions

Appendix 1 summarizes the provisions of ERB. These have not been materially changed since the previous valuation.

This valuation reflects benefits promised to members by statute. There are no ancillary benefits - retirement type benefits not required by statutes but which might be deemed an ERB liability if continued beyond the availability of funding by the current funding source.

## Actuarial Assumptions and Methods

In determining costs and liabilities, actuaries use assumptions about the future, such as rates of salary increase, probabilities of retirement, termination, death and disability, and an investment return assumption. ERB's Board adopts the assumptions used, taking into account the actuary's recommendations. The last review of these assumptions occurred following the 2006 actuarial valuation, and the Board adopted our recommendation to leave the current set of assumptions unchanged.

We believe the recommended assumptions are internally consistent and are reasonably based on the actual experience of ERB. Appendix 2 summarizes the current assumptions.

The most significant assumptions are (i) the assumed investment return, currently set at 8.00%, and (ii) the assumption regarding future salary increases, which is based on a table that varies by service.

In addition to the actuarial assumptions, the actuary also makes use of an actuarial funding method to allocate costs to particular years. In common with most public-sector plans, ERB uses the entry age normal method. This method produces a relatively level pattern of funding over time, and thereby provides equity between various generations of taxpayers. We continue to believe this method is appropriate for ERB.

## Assets

ERB assets are held in trust. The ERB staff has provided the asset information used in this valuation.

Table 8a presents a summary of the market value of assets held by the fund, and Table 8b shows the allocation of assets held for investment. About 69% of the assets are now held in equities, compared to 72% last year. Table 9 shows a reconciliation of the assets from the beginning of the prior year to the valuation date.

Tables 10a and 10b show the development of the actuarial value of assets (AVA). The AVA is a smoothed market value. A smoothed value is used in order to dampen some of the year-to-year fluctuations that would occur if the market value were used instead.

The method used phases in differences between the actual and expected market returns over five years. The expected return is determined using the 8.00% assumption and the plan's market value, adjusted for contributions received and benefits and refunds paid. Both the actual and expected returns are computed net of administrative expenses.

Note that the actuarial value is currently 90.9% of the market value. Over any short time period, a disparity between actuarial value and market value may appear, but in the long-run, we would expect the actuarial value and the market value to continue to track each other fairly closely.

Table 11a shows that the investment return rate for FY 2007 on market value was 16.7%, while it was 11.6% on actuarial value. Table 11b shows historical return rates since the current actuarial asset method was adopted. Finally, Table 13 shows a history of cash flows to the trust, and the net cash flow measured as a percentage of the assets. The cash flow is slightly negative, 1.3% of market value, but this is not a sign of concern in a mature plan such as ERB.

## Member Data

Membership data was provided on electronic files by the ERB staff. Data for active members includes sex, birthdate, service, salary paid in the prior year, and accumulated contributions. Data for inactive, nonretired members was similar, but includes the member's accrued benefit as well. For retired members, data includes status (service retiree, disabled retiree or beneficiary), sex, birthdate, pension amount, form of payment, beneficiary sex and birthdate if applicable, and date of retirement.

While not verifying the correctness of the data at the source, we performed various tests to ensure the internal consistency of the data and its overall reasonableness.

Table 7a summarizes data on all members. Table 7b is a history of key statistical

# ACTUARIAL REPORT

information about active members, and Table 15 is a history of statistical information about retirees. Table 16 is an age/service distribution of active members and their average pay. Table 17 is a reconciliation that tracks changes in the plan population from last year to this year.

The number of active members increased 1.4% since last year, from 61,829 to 62,687.

Total payroll increased 5.5% since last year. For all comparative purposes, payroll is the amount supplied by the ERB staff (i.e., the 2006-07 member pay). However, this figure is increased by one year's pay increase to determine the member's rate of pay at July 1, 2007. Pay is assumed to change only at the beginning of a school/fiscal year.

Average pay increased 4.0% since last year. Average pay for members active in both this valuation and the last year's valuation increased 5.7%. The difference between these two figures is due to the effect of retirements and terminations, and their replacement by new members who generally earn less.

This is the second year under ERB's new data administration system, IRIS. While we continue to see some minor changes in the reported member information due to the new system, none of the changes this year had a material effect on the results of the valuation. We will continue to work with ERB to fine-tune their reporting processes to ensure the integrity of future valuation results.

## Actuarial Information

	June 30, 2007 (1)	June 30, 2006 (2)
1. Payroll		
a. Supplied by System (annualized)	\$ 2,341,146,395	\$ 2,219,411,615
b. Adjusted for one-year's pay increase	2,548,823,953	2,392,902,664
2. Actuarial present value of future pay	\$ 17,644,094,151	\$ 16,813,022,476
3. Normal cost rate (payable monthly)		
a. Total normal cost rate	13.560%	13.560%
b. Less: member contribution rate	(7.825%)	(7.750%)
c. Employer normal cost rate	5.735%	5.810%
4. Employer normal cost (Item 3c * Item 1b)	\$ 146,175,054	\$ 139,027,645
5. Actuarial accrued liability for active members		
a. Actuarial present value of future benefits	\$ 8,120,980,070	\$ 7,678,012,910
b. Less: actuarial present value of future normal costs (Item 3a * Item 2)	(2,392,539,167)	(2,279,845,848)
c. Actuarial accrued liability	\$ 5,728,440,903	\$ 5,398,167,062
6. Total actuarial accrued liability for:		
a. Retirees and beneficiaries	\$ 5,807,324,572	\$ 5,347,533,306
b. Inactive members	654,315,102	690,623,822
c. Active members (Item 5c)	5,728,440,903	5,398,167,062
d. Total	\$ 12,190,080,577	\$ 11,436,324,190
7. Actuarial value of assets	\$ 8,591,417,402	\$ 7,813,888,383
8. Unfunded actuarial accrued liability (UAAL) (Item 6d - Item 7)	\$ 3,598,663,175	\$ 3,622,435,807
9. Amortization payment for next fiscal year		
a. Employer contribution rate	10.900%	10.150%
b. Less: Employer normal cost rate (Item 3c)	(5.735%)	(5.810%)
c. Amortization rate	5.165%	4.340%
d. Amortization contribution (Item 9c * Item 1b)	\$ 131,646,757	\$ 103,851,976
e. Expected ARP contribution	4,228,578	3,949,693
d. Total	\$ 135,875,335	\$ 107,801,669
10. Funding period based on current 10.9% employer contribution requirement, with payments increasing at assumed payroll growth rate	Infinite	Infinite

Table 1

# ACTUARIAL REPORT

## Analysis of Change in Unfunded Actuarial Accrued Liability (UAAL)

Basis (1)	Year Ending	
	June 30, 2007 (2)	June 30, 2006 (3)
1. UAAL at prior valuation	\$ 3,622.4	\$ 3,134.3
2. Increases/(decreases) due to:		
a. Interest on UAAL	289.8	250.7
b. Amortization payments	(130.0)	(89.7)
c. Liability experience	91.8	205.3
d. Asset experience	(275.3)	121.8
e. Changes in actuarial assumptions and methods	-	-
f. Benefit change	N/A	N/A
g. Total	\$ (23.7)	\$ 488.1
3. Current UAAL (1+2g)	\$ 3,598.7	\$ 3,622.4

Note : Dollar amounts in millions

<sup>1</sup> Actual contributions reduced by normal cost, and adjusted for timing.

**Table 2**

## Actuarial Present Value of Future Benefits

	June 30, 2007	June 30, 2006
	(1)	(2)
1. Active members		
a. Service retirement benefits	\$ 7,302,873,574	\$ 6,900,267,455
b. Refunds and deferred termination benefits	653,696,362	621,558,992
c. Survivor benefits	74,628,983	70,745,394
d. Disability retirement benefits	89,781,151	85,441,069
e. Total	<u>\$ 8,120,980,070</u>	<u>\$ 7,678,012,910</u>
2. Retired members		
a. Service retirement	\$ 5,491,336,113	\$ 5,051,046,773
b. Disability retirement	60,775,680	57,697,077
c. Beneficiaries	255,212,779	238,789,456
d. Total	<u>\$ 5,807,324,572</u>	<u>\$ 5,347,533,306</u>
3. Inactive members		
a. Vested terminations	\$ 577,034,862	\$ 619,457,517
b. Nonvested terminations	77,280,240	71,166,305
c. Total	<u>\$ 654,315,102</u>	<u>\$ 690,623,822</u>
4. Total actuarial present value of future benefits	<u>\$ 14,582,619,744</u>	<u>\$ 13,716,170,038</u>

**Table 3**

# ACTUARIAL REPORT

## Analysis of Normal Cost

	<u>June 30, 2007</u> (1)	<u>June 30, 2006</u> (2)
1. Gross normal cost rate (payable monthly)		
a. Service retirement benefits	9.500%	9.500%
b. Refunds and deferred termination benefits	3.770%	3.770%
c. Disability retirement benefits	0.170%	0.170%
d. Survivor benefits	0.120%	0.120%
e. Total	<u>13.560%</u>	<u>13.560%</u>
2. Less: member contribution rate	(7.825%)	(7.750%)
3. Employer normal cost rate	5.735%	5.810%

**Table 4**

**Calculation of GASB 25 ARAC  
as Percent of Payroll  
(For Following Fiscal Year)**

	<u>June 30, 2007</u> (1)	<u>June 30, 2006</u> (2)
1. GASB 25 funding period (years)	30	30
2. Amortization contribution percentage		
a. Amortization payment	\$ 210,787,741	\$ 212,250,466
b. Less: expected payment for ARP members	<u>4,228,578</u>	<u>3,949,693</u>
c. Net (a-b)	\$ 206,559,162	\$ 208,300,773
d. Expected payroll	2,548,823,953	2,392,902,664
e. Amortization contribution percentage (c/d)	8.10%	8.70%
3. GASB 25 Annual Required Contribution		
a. Employer normal cost rate	5.74%	5.81%
b. Amortization percentage	<u>8.10%</u>	<u>8.70%</u>
c. Total	13.84%	14.51%
d. Statutory rate	10.90%	10.15%
e. ARC ( max of (c,d) )	13.84%	14.51%

**Table 5a**

# ACTUARIAL REPORT

## Actual Contributions as Percentage of GASB 25 ARC for Year Ending 6/30/2007

1. Actual contributions	
a. On behalf of ERB members	\$ 251,777,456
b. On behalf of ARP members	4,075,738
c. Total	\$ 255,853,194
2. Statutory employer contribution rate	10.15%
3. Imputed fiscal year payroll for ERB members (Item 1a / Item 2)	\$ 2,480,566,067
4. GASB 25 Annual Required Contribution	
a. Required GASB 25 employer contribution for ERB members as percent of payroll	14.51%
b. Required GASB 25 employer contribution for ERB members (Item 4a * Item 3)	\$ 360,052,710
c. GASB 25 ARC (Item 4b + Item 1b)	\$ 364,128,448
5. Percentage of ARC contributed (Item 1c / Item 4c)	70.3%

**Table 5b**

## Schedule of Funding Progress (As required by GASB #25)

Valuation Date	Actuarial Value of Assets (AVA)	Actuarial Liability (AAL)	Unfunded Actuarial		Funded Ratio (2)/(3)	Annual Covered Payroll (6)	UAAL as % of Payroll (4)/(6) (7)
			Accrued Liability (UAAL) (3) - (2) (4)	Accrued Liability (UAAL) (3) - (2) (4)			
June 30, 1992	\$2,549.8	\$3,912.7	\$1,362.9		65.2%	\$1,150.4	118.5%
June 30, 1993	2,798.2	4,207.7	1,409.5		66.5%	1,191.0	118.3%
June 30, 1994	3,180.1	4,657.7	1,477.6		68.3%	1,258.7	117.4%
June 30, 1995	3,561.8	5,079.6	1,517.8		70.1%	1,356.5	111.9%
June 30, 1996	3,993.6	5,542.3	1,548.7		72.1%	1,413.6	109.6%
June 30, 1997	4,516.4	5,854.4	1,338.0		77.1%	1,448.7	92.4%
June 30, 1998	5,169.5	6,398.8	1,229.3		80.8%	1,542.8	79.7%
June 30, 1999	5,988.5	6,971.7	983.1		85.9%	1,637.5	60.0%
June 30, 2000	6,835.8	7,460.6	624.8		91.6%	1,795.7	34.8%
June 30, 2001	7,418.3	8,070.3	652.0		91.9%	1,819.6	35.8%
June 30, 2002	7,595.1	8,748.0	1,152.8		86.8%	1,978.5	58.3%
June 30, 2003	7,518.2	9,266.6	1,748.5		81.1%	2,032.5	86.0%
June 30, 2004	7,488.0	9,927.1	2,439.1		75.4%	2,142.4	113.8%
June 30, 2005	7,457.5	10,591.8	3,134.3		70.4%	2,209.1	141.9%
June 30, 2006	7,813.9	11,436.3	3,622.4		68.3%	2,219.4	163.2%
June 30, 2007	8,591.4	12,190.1	3,598.7		70.5%	2,341.1	153.7%

Note : Dollar amounts in millions

Table 6a

# ACTUARIAL REPORT

## Schedule of Employer Contributions (As required by GASB #25)

Fiscal Year	Annual Required Contribution	Percentage Contributed
1998	\$136,190,862	100.0%
1999	\$145,521,527	100.0%
2000	\$153,260,317	100.0%
2001	\$161,524,340	100.0%
2002	\$173,863,363	100.0%
2003	\$179,132,226	100.0%
2004	\$203,937,432	92.8%
2005	\$243,237,303	81.3%
2006	\$299,967,996	75.5%
2007	\$364,128,448	70.3%

**Table 6b**

## Notes to Required Supplementary Information

### (As required by GASB #25)

#### Notes to Required Supplementary Information (as required by GASB #25)

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the dates indicated. Additional information as of the latest actuarial valuation follows:

Valuation date	June 30, 2007
Actuarial cost method	Entry Age Normal
Amortization method	Level payment, open
Amortization period for GASB 25 ARC**	30 years
Asset valuation method	5-year smoothed market
Actuarial assumptions:	
Investment rate of return*	8.00%
Projected salary increases*	5.00% to 13.50%
*Includes inflation at	3.00%
Cost-of-living adjustments	2.00%

\*\* The GASB Annual Required Contribution (ARC) for this plan is defined as the larger of (a) the employer normal cost plus a 30-year amortization of the UAAL, and (b) the statutory employer contribution rate, plus the 3.00% contribution on behalf of ARP members. Under GASB 25, the maximum allowable amortization period is 30 years. GASB 25 had allowed the use of a 40-year amortization during a transitional period that ended with FY 2006.

Table 6c

## Membership Data

	June 30, 2007	June 30, 2006
	(1)	(2)
1. Active members		
a. Number	62,687	61,829
b. Total payroll supplied by System (annualized)	\$ 2,341,146,395	\$ 2,219,411,615
c. Average salary	\$ 37,347	\$ 35,896
d. Average age	45.9	45.7
e. Average service	9.3	9.2
2. Vested inactive members (excluding pending refunds)		
a. Number	8,298	8,369
b. Total annual deferred benefits	\$ 72,864,307	\$ 74,708,123
c. Average annual deferred benefit	\$ 8,781	\$ 8,927
3. Nonvested inactive members and vested pending refunds		
a. Number	21,644	21,581
b. Employee assessments with interest due	\$ 77,280,240	\$ 71,166,305
c. Average refund due	\$ 3,571	\$ 3,298
4. Service retirees		
a. Number	26,955	25,648
b. Total annual benefits	\$ 512,583,759	\$ 471,186,320
c. Average annual benefit	\$ 19,016	\$ 18,371
5. Disabled retirees		
a. Number	703	679
b. Total annual benefits	\$ 6,264,799	\$ 5,928,138
c. Average annual benefit	\$ 8,912	\$ 8,731
6. Beneficiaries		
a. Number	2,311	2,212
b. Total annual benefits	\$ 28,906,208	\$ 26,889,673
c. Average annual benefit	\$ 12,508	\$ 12,156

Note: Retirement benefits include impact of July 1 cost-of-living increases.

**Table 7a**

# Historical Summary of Active Member Data

Year Ending June 30, (1)	Active Members		Covered Payroll		Average Salary		Average Age (8)	Average Service Age (9)
	Number (2)	Percent Increase (3)	Amount in \$ Millions (4)	Percent Increase (5)	\$ Amount (6)	Percent Increase (7)		
1982	42,015	---	\$622	---	\$14,810	---	40.9	10.7
1984	40,385	-3.9%	670	7.7%	16,600	12.1%	42.0	9.9
1986	45,311	12.2%	786	17.3%	17,353	4.5%	41.7	9.7
1988	45,492	0.4%	863	9.8%	18,968	9.3%	43.9	10.1
1990	48,858	7.4%	1,033	19.7%	21,146	11.5%	42.6	8.5
1992	51,161	4.7%	1,150	11.3%	22,486	6.3%	43.0	8.9
1993	52,296	2.2%	1,191	3.6%	22,774	1.3%	43.2	8.9
1994	53,744	2.8%	1,259	5.7%	23,420	2.8%	43.3	9.0
1995	54,840	2.0%	1,356	7.7%	24,735	5.6%	43.2	9.0
1996	55,782	1.7%	1,414	4.3%	25,341	2.4%	43.7	9.1
1997	56,685	1.6%	1,449	2.5%	25,556	0.8%	43.9	9.1
1998	58,097	2.5%	1,543	6.5%	26,555	3.9%	44.0	9.0
1999	58,615	0.9%	1,637	6.1%	27,936	5.2%	44.3	9.2
2000	60,090	2.5%	1,796	9.7%	29,884	7.0%	44.5	9.1
2001	60,155	0.1%	1,820	1.3%	30,248	1.2%	44.9	9.2
2002	61,091	1.6%	1,979	8.7%	32,387	7.1%	45.2	9.3
2003	62,614	2.5%	2,032	2.7%	32,460	0.2%	45.3	9.3
2004	62,901	0.5%	2,142	5.4%	34,061	4.9%	45.6	9.4
2005	63,362	0.7%	2,209	3.1%	34,865	2.4%	45.6	9.3
2006	61,829	-2.4%	2,219	0.5%	35,896	3.0%	45.7	9.2
2007	62,687	1.4%	2,341	5.5%	37,347	4.0%	45.9	9.3

Table 7b

## Plan Net Assets (Assets at Market of Fair Value)

Item (1)	Valuation as of	
	June 30, 2007 (2)	June 30, 2006 (3)
1. Cash and cash equivalents	\$ 327,739,163	\$ 239,704,558
2. Receivables:		
a. Contributions	\$ 61,056,485	\$ 55,641,277
b. Investment income	30,243,773	27,881,569
c. Investment sales proceeds - brokers	887,335,140	19,075,687
d. Other	16,054	42,274
e. Total receivables	\$ 978,651,452	\$ 102,640,807
3. Investments		
a. U.S. treasury securities	\$ 303,532,895	\$ 232,306,719
b. U.S. government agencies	734,331,063	692,326,028
c. Domestic corporate bonds	1,279,739,340	1,132,490,442
d. Domestic equities	4,131,581,536	4,160,891,776
e. International equities	1,543,789,539	1,815,409,965
f. Mortgage backed securities	195,679,860	34,892,286
g. Other investments (includes alternative investments)	788,481,795	884,808
h. Total investments	\$ 8,977,136,028	\$ 8,069,202,024
4. Invested securities lending collateral	\$ 1,321,529,618	\$ 870,230,520
5. Properties : land, building, furniture and equipment (at cost, less accumulated depreciation)	\$ 7,528,949	\$ 7,428,225
6. Total assets	\$ 11,612,585,210	\$ 9,289,206,134
7. Liabilities		
a. Accounts payable	\$ 5,146,096	\$ 4,976,697
b. Accrued expenses	333,060	159,477
c. Refunds payable	1,432,279	2,652,016
d. Investment purchases payable - brokers	826,760,776	190,300,628
e. Due to other funds	1,587,527	1,596,822
f. Securities lending collateral	1,321,529,618	870,230,520
g. Total liabilities	\$ 2,156,789,356	\$ 1,069,916,160
8. Total market value of assets available for benefits (Item 6 - Item 7g)	\$ 9,455,795,854	\$ 8,219,289,974

**Table 8a**

## Allocation of Cash and Investments

	<u>June 30, 2007</u> (1)	<u>June 30, 2006</u> (2)
1. Cash and short-term equivalents	3.5%	2.9%
2. U.S. treasury securities	3.3%	2.8%
3. U.S. government agencies	7.9%	8.3%
4. Domestic corporate bonds	13.8%	13.6%
5. Domestic equities	44.3%	50.1%
6. International equities	16.6%	21.9%
7. Other investments (includes alternative investments)	<u>10.6%</u>	<u>0.4%</u>
8. Total investments	100.0%	100.0%

**Table 8b**

## Reconciliation of Plan Net Assets

	Year Ending	
	June 30, 2007 (1)	June 30, 2006 (2)
1. Value of assets at beginning of year		
a. Value reported in prior valuation	\$ 8,219,289,974	\$ 7,451,138,286
b. Prior period adjustments	-	-
c. Revised value	\$ 8,219,289,974	\$ 7,451,138,286
2. Revenue for the year		
a. Contributions		
i. Member contributions (including redeposits and service purchases)	\$ 193,657,706	\$ 182,048,655
ii. Employer contributions	251,777,456	222,672,399
iii. Employer contributions for ARP members	4,075,738	3,806,933
iv. Total	\$ 449,510,900	\$ 408,527,987
b. Income		
i. Interest, dividends, and other income	\$ 203,685,709	\$ 188,252,629
ii. Investment expenses	(20,836,471)	(17,074,105)
iii. Net	\$ 182,849,238	\$ 171,178,524
c. Net realized and unrealized gains	\$ 1,177,439,939	\$ 716,078,282
d. Total revenue	\$ 1,809,800,077	\$ 1,295,784,793
3. Expenditures for the year		
a. Refunds	\$ 27,525,131	\$ 28,305,855
b. Benefit payments	540,143,723	494,096,615
c. Administrative and miscellaneous expenses	5,625,343	5,230,635
d. Total expenditures	\$ 573,294,197	\$ 527,633,105
4. Increase in net assets (Item 2 - Item 3)	\$ 1,236,505,880	\$ 768,151,688
5. Value of assets at end of year (Item 1 + Item 4)	\$ 9,455,795,854	\$ 8,219,289,974

**Table 9**

## Determination of Excess Earnings to be Deferred

Year ended :	June 30, 2004 (1)	June 30, 2005 (2)	June 30, 2006 (3)	June 30, 2007 (4)
1. MVA at beginning of year	\$ 6,083,358,784	\$ 6,911,545,120	\$ 7,451,138,286	\$ 8,219,289,974
2. Net new investments				
a. Contributions	\$ 355,643,714	\$ 371,000,346	\$ 408,527,987	\$ 449,510,900
b. Benefits and refunds paid	(448,803,379)	(482,198,127)	(522,402,470)	(567,668,854)
c. Subtotal	\$ (93,159,665)	\$ (111,197,781)	\$ (113,874,483)	\$ (118,157,954)
3. MVA at end of year	\$ 6,911,545,120	\$ 7,451,138,286	\$ 8,219,289,974	\$ 9,455,795,854
4. Net MVA earnings ( 3 - 1 - 2c)	\$ 921,346,001	\$ 650,790,947	\$ 882,026,171	\$ 1,354,663,834
5. Assumed investment return rate	8.00%	8.00%	8.00%	8.00%
6. Expected return	\$ 482,942,316	\$ 548,475,698	\$ 591,536,084	\$ 652,816,880
7. Excess return ( 4 - 6)	\$ 438,403,685	\$ 102,315,249	\$ 290,490,087	\$ 701,846,954
8. Excess return deferral percent	20%	40%	60%	80%
9. Amount deferred	\$ 87,680,737	\$ 40,926,100	\$ 174,294,052	\$ 561,477,563

Note : MVA is market value of assets.

Table 10a

# ACTUARIAL REPORT

## Development of Actuarial Value of Assets

1. Market value of assets as of valuation	\$	9,455,795,854
2. Deferred amounts for fiscal year ending June 30,		
a. 2007	\$	561,477,563
b. 2006	\$	174,294,052
c. 2005	\$	40,926,100
d. 2004	\$	<u>87,680,737</u>
e. Total	\$	864,378,452
3. Actuarial value of assets (1 - 2e)	\$	8,591,417,402
4. Actuarial value as percent of market value		90.9%

**Table 10b**

## Estimation of Yields

	Year Ending	
	June 30, 2007 (1)	June 30, 2006 (2)
A. Market value yield		
1. Beginning of year market assets	\$ 8,219,289,974	\$ 7,451,138,286
2. Investment income (including realized and unrealized gains and losses)	\$ 1,360,289,177	\$ 887,256,806
3. End of year market assets	\$ 9,455,795,854	\$ 8,219,289,974
4. Estimated dollar weighted market value yield	16.7%	12.0%
B. Actuarial value yield		
1. Beginning of year actuarial assets	\$ 7,813,888,383	\$ 7,457,547,183
2. Actuarial return	\$ 895,686,973	\$ 470,215,683
3. End of year actuarial assets	\$ 8,591,417,402	\$ 7,813,888,383
4. Estimated actuarial value yield	11.6%	6.4%

**Table 11a**

# ACTUARIAL REPORT

## History of Investment Return Rates

<u>Plan Year Ending June 30 of</u> (1)	<u>Market</u> (2)	<u>Actuarial</u> (3)
1995	18.5%	11.5%
1996	12.2%	12.0%
1997	20.3%	13.4%
1998	19.6%	15.0%
1999	11.3%	16.4%
2000	13.1%	15.1%
2001	-11.1%	9.5%
2002	-8.8%	3.3%
2003	2.7%	0.1%
2004	15.3%	0.8%
2005	9.6%	1.1%
2006	12.0%	6.4%
2007	16.7%	11.6%
Average Returns		
Last 5 years	11.1%	3.9%
Last 10 years	7.5%	7.7%

**Table 11b**

## Investment Experience Gain or Loss

Item (1)	Year Ending	
	June 30, 2007 (2)	June 30, 2006 (3)
1. Actuarial assets, beginning of year	\$ 7,813,888,383	\$ 7,457,547,183
2. Total contributions during year	\$ 449,510,900	\$ 408,527,987
3. Benefits and refunds paid	\$ (567,668,854)	\$ (522,402,470)
4. Assumed net investment income at 8%		
a. Beginning of year assets	\$ 625,111,071	\$ 596,603,775
b. Contributions	17,980,436	16,341,119
c. Benefits and refunds paid	<u>(22,706,754)</u>	<u>(20,896,099)</u>
d. Total	\$ 620,384,753	\$ 592,048,795
5. Expected actuarial assets, end of year (Sum of items 1 through 4)	\$ 8,316,115,182	\$ 7,935,721,495
6. Actual actuarial assets, end of year	\$ 8,591,417,402	\$ 7,813,888,383
7. Asset gain (loss) for year (Item 6 - Item 5)	\$ 275,302,220	\$ (121,833,112)

Table 12a

# ACTUARIAL REPORT

## Total Experience Gain or Loss

Item (1)	Year Ending	
	June 30, 2007 (2)	June 30, 2006 (3)
A. Calculation of total actuarial gain or loss		
1. Unfunded actuarial accrued liability (UAAL), previous year	\$ 3,622,435,807	\$ 3,134,261,306
2. Normal cost for the previous year	\$ 324,477,601	\$ 322,244,118
3. Less: contributions for the year	\$ (449,510,900)	\$ (408,527,987)
4. Interest at 8 %		
a. On UAAL	\$ 289,794,865	\$ 250,740,904
b. On normal cost	12,979,104	12,889,765
c. On contributions	(17,980,436)	(16,341,119)
d. Total	\$ 284,793,533	\$ 247,289,550
5. Expected UAAL (Sum of Items 1 - 4)	\$ 3,782,196,041	\$ 3,295,266,987
6. Actual UAAL	\$ 3,598,663,175	\$ 3,622,435,807
7. Total gain (loss) for the year (Item 5 - Item 6)	\$ 183,532,866	\$ (327,168,820)
B. Source of gains and losses		
8. Asset gain (loss) for the year	\$ 275,302,220	\$ (121,833,112)
9. Liability experience gain (loss) for the year	\$ (91,769,354)	\$ (205,335,708)
10. Assumption change	\$ -	\$ -
11. Benefit change	N/A	N/A
12. Total	\$ 183,532,866	\$ (327,168,820)

**Table 12b**

# HISTORY OF CASHFLOW

Year Ending June 30, (1)	Expenditures				Total (7)	External Cash Flow for the Year <sup>3</sup> (8)	Market Value of Assets (9)	External Cash Flow as Percent of Market Value (10)
	Contributions <sup>1</sup> (2)	Benefit Payments (3)	Refunds (4)	Administrative Expenses <sup>2</sup> (5)				
1994	214.2	(175.3)	(19.8)	(1.7)	0.0	17.4	3,190.0	0.5%
1995	229.7	(193.1)	(22.3)	(2.0)	0.0	12.3	3,792.3	0.3%
1996	238.9	(210.6)	(23.9)	(2.3)	0.0	2.1	4,257.2	0.0%
1997	245.6	(231.6)	(24.7)	(1.9)	0.0	(12.6)	5,107.3	-0.2%
1998	260.9	(254.4)	(28.2)	(2.1)	0.0	(23.8)	6,082.1	-0.4%
1999	278.9	(274.8)	(30.0)	(2.7)	0.0	(28.6)	6,740.4	-0.4%
2000	295.9	(311.8)	(35.2)	(2.5)	0.0	(53.6)	7,567.5	-0.7%
2001	315.2	(340.6)	(36.6)	(3.5)	0.0	(65.5)	6,667.0	-1.0%
2002	328.6	(367.5)	(28.5)	(5.8)	0.0	(73.2)	6,011.2	-1.2%
2003	337.9	(396.1)	(28.3)	(4.3)	0.0	(90.8)	6,083.4	-1.5%
2004	355.6	(422.4)	(26.4)	(2.6)	0.0	(95.8)	6,911.5	-1.4%
2005	371.0	(455.0)	(27.2)	(5.3)	0.0	(116.5)	7,451.1	-1.6%
2006	408.5	(494.1)	(28.3)	(5.2)	0.0	(119.1)	8,219.3	-1.4%
2007	449.5	(540.1)	(27.5)	(5.6)	0.0	(123.7)	9,455.8	-1.3%

Amounts in \$ millions

<sup>1</sup> Column (2) includes employee and employer contributions, as well as employer contributions for ARP members.

<sup>2</sup> Excludes investment expenses starting in 1997.

<sup>3</sup> Column (8) = Column (2) + Column (7).

Table 13

## Solvency Test

	<u>June 30, 2007</u> (1)	<u>June 30, 2006</u> (2)
1. Actuarial accrued liability (AAL)		
a. Active member contributions	\$ 2,022,591,866	\$ 1,918,438,460
b. Retirees and beneficiaries	5,807,324,572	5,347,533,306
c. Active and inactive members (employer financed)	<u>4,360,164,139</u>	<u>4,170,352,424</u>
d. Total	\$ 12,190,080,577	\$ 11,436,324,190
2. Actuarial value of assets	\$ 8,591,417,402	\$ 7,813,888,383
3. Cumulative portion of AAL covered		
a. Active member contributions	100%	100%
b. Retirees and beneficiaries	100%	100%
c. Active and inactive members (employer financed)	17%	13%

**Table 14**

## Historical Retired Participants' Data

Year Ending		Average Monthly Benefit
(1)	(2)	(3)
1984	8,462	\$430
1986	10,004	512
1988	11,375	663
1990	12,741	767
1992	14,107	846
1993	15,001	890
1994	15,814	966
1995	16,593	976
1996	17,381	1,011
1997	18,317	1,055
1998	19,244	1,104
1999	20,109	1,139
2000	21,186	1,228
2001	22,191	1,274
2002	23,052	1,315
2003	24,085	1,376
2004	24,947	1,420
2005	26,100	1,466
2006	28,539	1,472
2007	29,969	1,523

Note: Retirement benefits include impact of July 1 cost-of-living increases.

**Table 15**

# Distribution of Active Members by Age and by Years of Service As of 06/30/07

Attained Age	Years of Credited Service													Total
	0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35 & Over		
	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	Count & Avg. Comp.	
Under 25	471 \$16,473	509 \$20,899	224 \$19,631	69 \$17,913	27 \$20,475	14 \$20,370	0 \$0	1,314 \$18,926						
25-29	530 \$23,429	1,045 \$27,773	804 \$29,315	568 \$30,848	414 \$34,305	546 \$32,629	9 \$29,017	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	3,916 \$29,318
30-34	430 \$24,883	828 \$28,894	705 \$28,944	598 \$32,045	503 \$33,255	2,080 \$38,435	305 \$38,964	3 \$23,683	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	5,452 \$33,533
35-39	1,131 \$24,494	1,437 \$27,285	771 \$28,845	639 \$32,471	564 \$33,657	2,194 \$37,400	1,405 \$42,412	213 \$40,257	4 \$29,543	0 \$0	0 \$0	0 \$0	0 \$0	8,358 \$33,408
40-44	391 \$26,510	718 \$26,556	638 \$27,379	571 \$31,019	498 \$31,262	2,147 \$34,370	1,564 \$40,142	1,032 \$44,583	225 \$43,991	6 \$38,032	0 \$0	0 \$0	0 \$0	7,790 \$35,031
45-49	367 \$24,609	726 \$27,617	610 \$28,750	609 \$30,558	492 \$32,006	2,455 \$34,904	1,884 \$38,963	1,417 \$45,438	1,029 \$49,852	259 \$47,743	7 \$41,219	0 \$0	0 \$0	9,855 \$37,383
50-54	293 \$28,300	610 \$29,825	504 \$31,508	494 \$34,080	447 \$33,816	2,304 \$35,266	1,993 \$39,898	1,724 \$46,689	1,222 \$51,593	777 \$55,825	215 \$52,285	3 \$35,248	3 \$40,936	10,586 \$40,936
55-59	239 \$28,816	448 \$34,778	462 \$33,715	414 \$34,951	351 \$36,521	1,763 \$37,656	1,570 \$41,954	1,701 \$45,565	1,159 \$51,566	687 \$59,116	392 \$60,800	55 \$60,708	55 \$43,572	9,241 \$43,572
60-64	133 \$32,296	231 \$32,461	227 \$30,439	227 \$34,308	194 \$36,757	951 \$38,193	795 \$41,963	696 \$45,246	500 \$52,878	337 \$57,174	182 \$67,427	82 \$71,886	82 \$43,615	4,555 \$43,615
65 & Over	51 \$28,394	93 \$24,645	121 \$26,144	99 \$33,580	88 \$29,476	361 \$33,236	249 \$36,835	181 \$39,884	129 \$49,461	99 \$51,008	77 \$70,459	72 \$75,025	72 \$39,178	1,620 \$39,178
Total	4,036 \$24,504	6,645 \$27,912	5,066 \$29,046	4,288 \$32,045	3,578 \$33,382	14,815 \$36,149	9,774 \$40,499	6,967 \$45,321	4,268 \$50,831	2,165 \$55,843	873 \$60,779	212 \$69,534	212 \$69,534	62,687 \$37,347

Table 16

# Reconciliation of Members by Status for Year Ending June 30, 2007

## NEW MEXICO EDUCATIONAL RETIREMENT BOARD Reconciliation of Members by Status for Year Ending June 30, 2007

	Active Members	Inactive, Nonretired Members		Service Retirees	Annuitants		Grand Total
		Vested	Nonvested		Disabled Retirees	Beneficiaries	
Number at beginning of year	61,829	8,369	21,581	25,648	679	2,212	120,318
Refund paid (non-death)	(1,669)	(467)	(3,375)				(5,511)
Refund due	(4,507)		4,507				0
Deferred terminations	(2,294)	2,312	(12)	(6)			0
Retirements (nondisabled)	(563)	(1,341)	(22)	1,926			0
Disabled retirements	(28)	(23)			51		0
Death before retirement - refund	(1)	(6)					(7)
Death before retirement - annuity	(65)					65	0
Death of annuitant - survivor benefit due				(122)	(12)	134	0
Death of annuitant - no further benefits due				(507)	(15)	(100)	(622)
Payments ceased - certain period ended							0
New hires	8,329						8,329
Reemployments	1,653	(562)	(1,077)	(14)			0
Adjustments and corrections	3	16	42	30			91
Number at end of year	62,687	8,298	21,644	26,955	703	2,311	122,598

Table 17

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## Summary of Plan Provisions

**1. Effective Date:** July 1, 1957.

**2. Plan Year/Fiscal Year:** Twelve-month period ending June 30th.

**3. Administration:** The Educational Retirement Board is responsible for administration of the System and investment of System assets.

**4. Type of Plan:** The System is a qualified, defined benefit, governmental retirement plan. For government accounting purposes, it is a cost-sharing multiple-employer PERS.

**5. Eligibility:** All teachers, nurses, and administrators employed by public schools in New Mexico, including public colleges and universities, participate in the System. These are the “regular members”, and their participation is a condition of employment. However, see the section on the Alternative Retirement Plan below for an exception. Generally, other employees of these schools are also required to participate, although such employees employed continuously since June 30, 1971 may exempt themselves from membership. Employees of state schools and certain state agencies also participate.

**6. Member Contributions:** Members must contribute a percentage of their salary to the System. “Salary” for this purpose includes substantially all earnings. The member contribution rate is set by statute, and has been changed from time to time. It was most recently changed from 7.60%, the rate effective for the fiscal year ending June 30, 2005 (FY 2005), to 7.90%. The increase was phased in over four years as shown in the

following schedule. Employee contributions are “picked up” by the local employer for federal income tax treatment.

Fiscal Year	Member Contribution Rate
FY 2005 and earlier	7.600%
FY 2006	7.675%
FY 2007	7.750%
FY 2008	7.825%
FY 2009 and later	7.900%

**7. Employer Contributions:** The school district or other local administrative unit which employs a member contributes a percentage of the member’s salary to the System. “Salary” for this purpose includes substantially all earnings. The employer contribution rate is set by statute, and has been changed from time to time. The following schedule shows recent and future employer contribution rates. In addition, state universities, colleges and junior colleges contribute 3% of the earnings of non-members who are participating in the Alternative Retirement Plan.

Fiscal Year	Employer Contribution Rate
FY 2005 and earlier	8.65%
FY 2006	9.40%
FY 2007	10.15%
FY 2008	10.90%
FY 2009	11.65%
FY 2010	12.40%
FY 2011	13.15%
FY 2012 and later	13.90%

# PLAN SUMMARY

**8. Service:** Employees receive credit for each calendar quarter in which they are contributing members. Credit is also granted for service prior to the System's effective date, and certain military service. Credit may also be purchased for some out-of-state service under certain circumstances.

## 9. Final Average Compensation (FAC):

The average of the member's earnings for the last five consecutive years, or such other five consecutive year period that gives the largest average. Monthly benefits are based on one-twelfth of this amount.

## 10. Normal Retirement

**a. Eligibility:** A member may retire upon Normal Retirement on the earliest of (i) the date he/she attains age 65 with credit for 5 years of service, or (ii) the date the member completes 25 years of service, or (iii) the date that the sum of the member's age and service is at least 75, provided the member is at least age 60.

**b. Monthly Benefit:** 2.35% of FAC (monthly) times years of service.

**c. Payment Form:** Benefits are paid as a monthly life annuity, with a guarantee that if the sum of payments made does not exceed the member's accumulated contributions with interest, determined as of the date of retirement, the balance will be paid in a lump-sum to the member's beneficiary. Optional forms of payment are available; see below.

## 11. Early Retirement

**a. Eligibility:** A member may take early retirement once the sum of his/her age and service equals or exceeds 75.

**b. Monthly Benefit:** 2.35% of FAC (monthly) times years of service, multiplied by the early retirement factor below.

### Early Retirement Factor:

Age at Retirement	Factor
60 or later	1.000
59	.976
58	.952
57	.928
56	.904
55	.880
54	.808
53	.736
52	.664
51	.592
50	.520
49	.448
48	.376
47	.304
46	.232
45	.160

**c. Payment Form:** Same as for Normal Retirement above.

## 12. Disability Retirement

**a. Eligibility:** A member is eligible provided (i) he/she has credit for at least 10 years of service, and (ii) the disability is approved by the Board.

**b. Monthly Benefit:** 2% of FAC (monthly) times years of service, but not less than the smaller of (i) one-third of FAC, or (ii) 2% of FAC times years of service projected to age 60.

**c. Payment Form:** The disability benefit commences immediately upon the member's retirement. Disability benefits are payable as a monthly life annuity, with a guarantee that if the payments made do not exceed the sum of the member's accumulated contributions

with interest as of the date of retirement, the balance will be paid in a lump-sum to the member's beneficiary. If the disabled member survives to age 60, the regular optional forms of payment are available.

## 13. Vested Termination Benefit

**a. Eligibility:** A member with at least 5 years of service who does not withdraw his/her contributions from the fund is eligible for a vested termination benefit.

**b. Monthly Benefit:** 2.35% of FAC (monthly) times years of service. Both FAC and service are determined at the time the member leaves active employment.

**c. Payment Form:** Benefits commence when the participant attains his/her normal retirement age. Optionally benefits may commence at the early retirement age, applying the same reduction factors as are used for regular early retirement. The form of payment is the same as for Normal Retirement above.

## 14. Withdrawal (Refund) Benefit

**a. Eligibility:** All members leaving covered employment with less than 5 years of service for a reason other than the member's death. Optionally, members eligible for other benefits may withdraw their contributions in lieu of the regular benefits due.

**b. Benefit:** The member who elects to withdraw receives a lump-sum payment of his/her employee contributions, plus interest computed at a rate set by the Board of Trustees.

## 15. Death in Service

**Benefit:** Upon the death of an active member,

the beneficiary may receive a refund of the member's contributions, plus interest based upon a rate set by the Board of Trustees. If the member has five or more years of service, the beneficiary may elect to receive an annuity determined as though the member had retired, elected option B below, and then died, in lieu of the refund. If the member is not eligible for early or normal retirement, this benefit may still be elected, with payments deferred until the member would have been eligible for retirement.

## 16. Optional Forms of Payment:

There are optional forms of payment available on an actuarially equivalent basis, as follows:

**a. Option B** - A Joint and 100% Survivor annuity with a "pop-up" feature. The regular life annuity amount is reduced to provide a Joint and 100% Survivor benefit, i.e., a benefit payable as long as either the member or his joint annuitant shall live. However, if the joint annuitant predeceases the member, then the member's benefit amount reverts back to the regular life annuity amount. The "pop-up" feature is subsidized by the System.

**b. Option C** - A Joint and 50% Survivor annuity with a pop-up feature. The benefit is reduced to provide a Joint and 50% Survivor benefit, i.e., a benefit payable as long as both the member and the joint annuitant are alive, reducing to 50% of this amount upon the member's death, if the joint annuitant is still living. If the joint annuitant predeceases the member, the benefit reverts to the regular life annuity amount. The pop-up feature is subsidized by the System.

## 17. Cost-of-living Increase:

All retired members and beneficiaries receiving benefits receive an automatic adjustment in their benefit each July, beginning in the year

# PLAN SUMMARY

they attain age 65. The adjustment is equal to one-half the percentage increase in the cost-of-living index, except that the adjustment shall not exceed four percent, nor be less than two percent. However, this increase shall not be greater than the actual percentage increase in the cost-of-living index. Members retired prior to July 1, 1984 are also entitled to an increase of the lesser of 2% or the percentage increase in the cost-of-living index for years prior to the attainment of 65. Members on disability retirement are entitled to an adjustment commencing on July 1 of the calendar year in which the third anniversary of disability retirement occurs.

## 18. Alternative Retirement Plan (ARP)

Beginning July 1, 1991, new faculty members employed by state universities may elect participation in the ARP rather than in this System. If this election is not made, the employee remains a member of this System permanently. No benefits are paid to ARP members from ERB. Also as discussed in the section on Employer Contributions above, the employer of an ARP makes a contribution of 3.00% of the member's salary to ERB.

## Summary of Actuarial Methods and Assumptions

### I. Valuation Date

The valuation date is June 30th of each plan year. This is the date as of which the actuarial present value of future benefits and the actuarial value of assets are determined.

### II. Actuarial Cost Method

The contribution rate is set by statute for both members and for the employers. The funding period is determined, as described below, using the Entry Age Normal actuarial cost method.

The Entry Age Normal actuarial cost method assigns the plan's total unfunded liabilities (the actuarial present value of future benefits less the actuarial value of assets) to various periods. The unfunded actuarial accrued liability is assigned to years prior to the valuation, and the normal cost is assigned to the year following the valuation. The remaining costs are the normal costs for future years. Each year's contribution is composed of (i) that year's normal cost, plus (ii) a payment used to reduce the unfunded actuarial accrued liability.

The normal cost is the level (as a percentage of pay) contribution required to fund the benefits for a new member. This is determined based upon a hypothetical group of new entrants. This group is based on the age-pay-sex distribution at hire for members joining ERB during the five-year period ending June 30, 2004. Part of the normal cost is paid from the employees' own contributions. The employers pay the balance from their contributions. The actuarial accrued liability is the difference

between the total present value of future benefits and the actuarial present value of future normal costs. The unfunded actuarial accrued liability is the excess of the actuarial accrued liability over the actuarial value of assets.

The balance of the employers' contributions--the remainder after paying their share of the normal cost--is used to reduce the unfunded actuarial accrued liability. The funding period is the length of time required for the unfunded actuarial accrued liability to be completely amortized, assuming that the portion used to reduce the unfunded remains level as a percentage of total payroll, which is assumed to grow 3.75% per year. The 3.00% contribution made by employers to ERB on behalf of employees who elected to participate in the Alternative Retirement Plan is also used to amortize the unfunded actuarial accrued liability.

It is assumed that all contributions are made monthly at the end of the month.

### III. Actuarial Value of Assets

The actuarial value of assets is based on the market value of assets with a five-year phase-in of actual investment return in excess of (less than) expected investment income. Expected investment income is determined using the assumed investment return rate and the market value of assets (adjusted for receipts and disbursements during the year). Returns are measured net of all investment and administrative expenses.

# SUMMARY OF METHODS

## IV. Actuarial Assumptions

### A. Economic Assumptions

1. **Investment return:** 8.00%, compounded annually, net of expenses. This is composed of a 3.00% inflation rate and a 5.00% real rate of return.

2. Salary increase rate: Inflation rate of 3.00% plus productivity increase rate of 2.00% plus step-rate/promotional as shown:

<u>Years of Service</u>	<u>Annual Step-Rate/ Promotional Component Rates of Increase</u>	<u>Total Annual Rate of Increase</u>
0	8.50%	13.50%
1	2.75%	7.75%
2	1.75%	6.75%
3	1.25%	6.25%
4	1.00%	6.00%
5	0.75%	5.75%
6	0.50%	5.50%
7	0.25%	5.25%
8	0.25%	5.25%
9	0.25%	5.25%
10 +	0.00%	5.00%

3. **Three-Tier Licensure Increased:** In 2003, the legislature adopted a new framework for classroom teacher salaries with minimum salaries mandated for certain classes of teachers beginning in FY 2004. For teachers who met the mandated minimum salary of \$30,000 in FY 2004, their salaries were assumed to meet the mandated minimum of \$35,000 in FY 2005 and \$40,000 in FY 2006 and later years for “professional” teachers if they had at least three years of service at

each respective valuation date. Likewise, for teachers who met the mandated minimum salary of \$30,000 in FY 2004, their salaries were assumed to meet the mandated minimum of \$45,000 in FY 2007 and \$50,000 in FY 2008 and later years for “master” teachers if they had at least six years of service at each respective valuation date.

4. **Cost-of-living increases:** 2% per year, compounded annually. Note that increases are deferred until age 65 or, for disabled retirees, until the third year following retirement. Also, members who retired prior to July 1, 1984 and who are younger than age 65 receive an annual increase.

5. **Payroll growth:** 3.75% per year (with no allowance for membership growth)

6. **Contribution accumulation:** Member contributions are assumed to have grown at 5.50% per year, with 6.00% interest, compounded annually.

### B. Demographic Assumptions

#### 1. Mortality after termination or retirement -

- Healthy males - 1994 Uninsured Pensioner Mortality Table for males, set back three years
- Healthy females - 1994 Uninsured Pensioner Mortality Table for females, set back two years
- Disabled males and females - 1981 Disability Table

# SUMMARY OF METHODS

See sample rates below:

Age	Deaths per 100 Lives		
	Healthy Males	Healthy Females	Disabled Males and Females
40	.10	.06	1.76
45	.13	.09	2.08
50	.20	.13	2.42
55	.35	.21	2.83
60	.60	.36	3.29
65	1.09	.72	3.76
70	1.94	1.26	4.36
75	3.06	1.97	5.62
80	4.86	3.41	8.84
85	8.12	5.90	12.95

## 2. Mortality rates of active members - As shown below for sample ages:

Age	Deaths per 100 Members	
	Males	Females
25	.10	.02
30	.10	.02
35	.08	.04
40	.08	.03
45	.11	.05
50	.15	.10
55	.23	.17
60	.31	.24
65	.46	.31

# SUMMARY OF METHODS

## 3. Disability - As shown below for selected ages (rates are only applied to eligible members – members with at least 10 years of service):

Age	Occurrences of Disability per 100 Members	
	Males	Females
25	.00	.00
30	.00	.03
35	.06	.07
40	.13	.12
45	.19	.16
50	.24	.19
55	.26	.20
60	.24	.19
65	.18	.16

# SUMMARY OF METHODS

## 4. Retirement - Select and ultimate as shown below for selected ages (rates are only applied to members eligible for retirement):

### Retirement Per 100 Members

Males						
Age	Years of Service					
	0-4	5-9	10-14	15-19	20-24	25+
45	0.00	0.00	0.00	0.00	0.00	20.00
50	0.00	0.00	0.00	0.00	0.00	20.00
55	0.00	0.00	0.00	0.00	5.00	20.00
60	0.00	0.00	0.00	15.00	20.00	25.00
62	0.00	0.00	40.00	40.00	35.00	35.00
65	0.00	25.00	40.00	45.00	45.00	45.00
70	100.00	100.00	100.00	100.00	100.00	100.00

Females						
Age	Years of Service					
	0-4	5-9	10-14	15-19	20-24	25+
45	0.00	0.00	0.00	0.00	0.00	20.00
50	0.00	0.00	0.00	0.00	0.00	20.00
55	0.00	0.00	0.00	0.00	6.00	23.00
60	0.00	0.00	0.00	20.00	15.00	30.00
62	0.00	0.00	50.00	35.00	35.00	40.00
65	0.00	35.00	35.00	35.00	35.00	35.00
70	100.00	100.00	100.00	100.00	100.00	100.00

# SUMMARY OF METHODS

## 5. Termination (for causes other than death, disability or retirement) - Select and ultimate as shown below for selected ages:

### Terminations per 100 Members

Males											
Years of Service											
Age	0	1	2	3	4	5	6	7	8	9	10+
25	45.10	33.50	23.39	17.10	13.75	11.68	10.21	8.94	7.79	7.10	8.86
30	42.28	28.78	20.12	14.85	11.95	10.34	9.17	8.08	7.04	6.28	5.99
35	40.37	26.82	18.43	13.40	10.65	9.29	8.37	7.48	6.58	5.80	3.84
40	39.28	26.65	17.89	12.64	9.85	8.56	7.82	7.13	6.38	5.65	2.40
45	38.59	26.98	18.04	12.55	9.58	8.20	7.49	6.94	6.37	5.79	1.81
50	37.83	27.06	18.60	13.10	9.90	8.24	7.35	6.83	6.45	6.13	2.50
55	36.87	26.97	19.58	14.29	10.83	8.70	7.43	6.77	6.54	6.59	5.30
60	35.79	27.22	21.09	16.11	12.36	9.58	7.69	6.74	6.57	7.11	10.67
65	34.67	28.18	23.21	18.55	14.47	0.00	0.00	0.00	0.00	0.00	0.00

Females											
Years of Service											
Age	0	1	2	3	4	5	6	7	8	9	10+
25	40.50	29.30	21.62	17.88	16.08	14.90	13.60	11.81	9.39	6.66	7.55
30	36.06	25.45	18.97	15.08	12.93	11.68	10.69	9.58	8.12	6.36	5.47
35	33.25	23.24	16.75	12.79	10.57	9.37	8.62	7.94	7.11	6.03	3.87
40	31.79	22.00	15.10	11.14	9.05	7.99	7.34	6.86	6.35	5.66	2.76
45	31.29	21.37	14.28	10.40	8.46	7.48	6.83	6.32	5.87	5.32	2.20
50	31.49	21.39	14.49	10.65	8.71	7.71	6.96	6.32	5.74	5.18	2.27
55	32.32	22.32	15.72	11.79	9.67	8.47	7.57	6.76	6.02	5.39	3.10
60	33.76	24.34	17.95	13.71	11.24	9.62	8.51	7.54	6.72	6.07	4.95
65	35.82	27.54	21.14	16.33	13.36	0.00	0.00	0.00	0.00	0.00	0.00

Rates are not applied after the member is eligible for reduced or unreduced retirement benefits.

## C. Other Assumptions

1. Age difference: Male members are assumed to be three years older than their spouses, and female members are assumed to be three years younger than their spouses. All beneficiaries are assumed to be spouses.
2. Percent electing annuity on death: It is assumed that beneficiaries of deceased members will elect to receive the refund of contributions with interest, unless the member is eligible for early or normal retirement, in which case the beneficiary will elect to receive the survivor annuity.
3. Percent electing deferred termination benefit: All vested active members terminating prior to eligibility for a retirement benefit are assumed to elect the more valuable of (i) an immediate refund, or (ii) a deferred annuity commencing when the member is eligible for an unreduced retirement benefit.
4. Assumed age for commencement of deferred benefits: Members electing to receive a deferred benefit are assumed to commence receipt when eligible for an unreduced benefit (or attained age if later)
5. Administrative expenses: The assumed investment return rate is intended to

be the net rate of return after payment of all investment and administrative expenses.

6. Percent married: For valuation purposes 100% of members are assumed to be married.

## V. Participant Data

Participant data was supplied in electronic files for (i) active members, (ii) inactive members, who are entitled to either a future deferred benefit or a refund of their employee contributions and the accumulated interest, and (iii) members and beneficiaries receiving benefits.

The data for active and inactive, non-retired members include birth date, sex, years of service, salary, and accumulated employee contributions (without interest). For retired members and beneficiaries, the data included date of birth, sex, beneficiary or joint annuitant date of birth (where applicable), current monthly benefit, date of retirement, and a form of payment code.

Salary supplied for the current year was the total earnings for the year preceding the valuation date. We have not subjected this data to any auditing procedures, but have examined the data for reasonableness and consistency with the prior year's data.

# GLOSSARY

**Actuarial Accrued Liability (AAL):** That portion, as determined by a particular Actuarial Cost Method, of the Actuarial Present Value of Future Plan Benefits which is not provided for by future Normal Costs. It is equal to the Actuarial Present Value of Future Plan Benefits minus the actuarial present value of future Normal Costs.

**Actuarial Assumptions:** Assumptions as to future experience under the Plan. These include assumptions about the occurrence of future events affecting costs or liabilities, such as:

- mortality, withdrawal, disablement, and retirement;
- future increases in salary;
- future rates of investment earnings and future investment and administrative expenses;
- characteristics of members not specified in the data, such as marital status;
- characteristics of future members;
- future elections made by members; and
- other relevant items.

**Actuarial Cost Method or Funding Method:** Actuarial Accrued Liability (AAL): That portion, as determined by a particular Actuarial Cost Method, of the Actuarial Present Value of Future Plan Benefits which is not provided for by future Normal Costs. It is equal to the Actuarial Present Value of Future Plan Benefits minus the actuarial present value of future Normal Costs.

**Actuarial Assumptions:** Assumptions as to future experience under the Plan. These include assumptions about the occurrence of future events affecting costs or liabilities, such as:

- mortality, withdrawal, disablement, and retirement;

- future increases in salary;
- future rates of investment earnings and future investment and administrative expenses;
- characteristics of members not specified in the data, such as marital status;
- characteristics of future members;
- future elections made by members; and
- other relevant items.

## **Actuarial Cost Method or Funding Method**

A procedure for allocating the Actuarial Present Value of Future Benefits to various time periods; a method used to determine the Normal Cost and the Actuarial Accrued Liability. These items are used to determine the ARC.

**Actuarial Gain or Actuarial Loss:** A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions, during the period between two Actuarial Valuation dates. Through the actuarial assumptions, rates of decrements, rates of salary increases, and rates of fund earnings have been forecasted. To the extent that actual experience differs from that assumed, Actuarial Accrued Liabilities emerge which may be the same as forecasted, or may be larger or smaller than projected. Actuarial gains are due to favorable experience, e.g., the Plan's assets earn more than projected, salaries do not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, actuarial losses are the result of unfavorable experience, i.e., actual results that produce actuarial liabilities which are larger than projected. Actuarial gains will shorten the time required for funding of the actuarial balance sheet deficiency while actuarial losses

will lengthen the funding period.

***Actuarially Equivalent:*** Of equal actuarial present value, determined as of a given date and based on a given set of Actuarial Assumptions.

***Actuarial Present Value (APV):*** The value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions. For purposes of this standard, each such amount or series of amounts is:

- a. adjusted for the probable financial effect of certain intervening events (such as changes in compensation levels, marital status, etc.)
- b. multiplied by the probability of the occurrence of an event (such as survival, death, disability, termination of employment, etc.) on which the payment is conditioned, and
- c. discounted according to an assumed rate (or rates) of return to reflect the time value of money.

***Actuarial Present Value of Future Plan Benefits:*** The Actuarial Present Value of those benefit amounts which are expected to be paid at various future times under a particular set of Actuarial Assumptions, taking into account such items as the effect of advancement in age and past and anticipated future compensation and service credits. The Actuarial Present Value of Future Plan Benefits includes the liabilities for active members, retired members, beneficiaries receiving benefits, and inactive, nonretired members either entitled to a refund or a future retirement benefit. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would be provide sufficient assets to pay all

projected benefits and expenses when due.

***Actuarial Valuation:*** The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a plan. An Actuarial valuation for a governmental retirement system typically also includes calculations of items needed for compliance with GASB 25, such as the funded ratio and the ARC.

***Actuarial Value of Assets or Valuation Assets:*** The value of the Plan's assets as of a given date, used by the actuary for valuation purposes. This may be the market or fair value of plan assets, but commonly actuaries use a smoothed value in order to reduce the year-to-year volatility of calculated results, such as the funded ratio and the ARC.

***Actuarially Determined:*** Values which have been determined utilizing the principles of actuarial science. An actuarially determined value is derived by application of the appropriate actuarial assumptions to specified values determined by provisions of the law.

***Amortization Method:*** A method for determining the Amortization Payment. The most common methods used are level dollar and level percentage of payroll. Under the Level Dollar method, the Amortization Payment is one of a stream of payments, all equal, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the Amortization payment is one of a stream of increasing payments, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the stream of payments increases at the assumed rate at which total covered payroll of all active members will increase.

# GLOSSARY

**Amortization Payment:** That portion of the pension plan contribution or ARC which is designed to pay interest on and to amortize the Unfunded Actuarial Accrued Liability.

**Annual Required Contribution (ARC):** The employer's periodic required contributions, expressed as a dollar amount or a percentage of covered plan compensation, determined under GASB 25. The ARC consists of the Employer Normal Cost and the Amortization Payment.

**Closed Amortization Period:** A specific number of years that is counted down by one each year, and therefore declines to zero with the passage of time. For example if the amortization period is initially set at 30 years, it is 29 years at the end of one year, 28 years at the end of two years, etc. See Funding Period and Open Amortization Period.

**Decrements:** Those causes/events due to which a member's status (active-inactive-retiree-beneficiary) changes, that is: death, retirement, disability, or termination.

**Defined Benefit Plan:** A retirement plan that is not a Defined Contribution Plan. Typically a defined benefit plan is one in which benefits are defined by a formula applied to the member's compensation and/or years of service.

**Defined Contribution Plan:** A retirement plan, such as a 401(k) plan, a 403(b) plan, or a 457 plan, in which the contributions to the plan are assigned to an account for each member, and the plan's earnings are allocated to each account, and each member's benefits are a direct function of the account balance.

**Employer Normal Cost:** The portion of the Normal Cost to be paid by the employers. This is equal to the Normal Cost less expected member contributions.

**Experience Study:** A periodic review and analysis of the actual experience of the Plan which may lead to a revision of one or more actuarial assumptions. Actual rates of decrement and salary increases are compared to the actuarially assumed values and modified as deemed appropriate by the Actuary.

**Funded Ratio:** The ratio of the actuarial value of assets (AVA) to the actuarial accrued liability (AAL). Plans sometimes calculate a market funded ratio, using the market value of assets (MVA), rather than the AVA, although GASB 25 reporting requires the use of the AVA.

**Funding Period or Amortization Period:** The term "Funding Period" is used in two ways. In the first sense, it is the period used in calculating the Amortization Payment as a component of the ARC. This funding period is chosen by the Board of Trustees. In the second sense, it is a calculated item: the number of years in the future that will theoretically be required to amortize (i.e., pay off or eliminate) the Unfunded Actuarial Accrued Liability, based on the statutory employer contribution rate, and assuming no future actuarial gains or losses.

**GASB:** Governmental Accounting Standards Board.

**GASB 25 and GASB 27:** Governmental Accounting Standards Board Statements No. 25 and No. 27. These are the governmental accounting standards that set the accounting rules for public retirement systems and the employers that sponsor or contribute to them. Statement No. 27 sets the accounting rules for the employers that sponsor or contribute to public retirement systems, while Statement No. 25 sets the rules for the systems themselves.

**Normal Cost:** That portion of the Actuarial

Present Value of pension plan benefits and expenses which is allocated to a valuation year by the Actuarial Cost Method. Any payment in respect of an Unfunded Actuarial Accrued Liability is not part of Normal Cost (see Amortization Payment). For pension plan benefits which are provided in part by employee contributions, Normal Cost refers to the total of employee contributions and employer Normal Cost unless otherwise specifically stated. Under the entry age normal cost method, the Normal Cost is intended to be the level cost (when expressed as a percentage of pay) needed to fund the benefits of a member from hire until ultimate termination, death, disability or retirement.

***Open Amortization Period:*** An open amortization period is one which is used to determine the Amortization Payment but which does not change over time. In other words, if the initial period is set as 30 years, the same

30-year period is used in determining the Amortization Period each year. In theory, if an Open Amortization Period is used to amortize the Unfunded Actuarial Accrued Liability, the UAAL will never completely disappear, but will become smaller each year, either as a dollar amount or in relation to covered payroll.

***Unfunded Actuarial Accrued Liability:*** The excess of the Actuarial Accrued Liability over the Actuarial Value of Assets. This value may be negative in which case it may be expressed as a negative Unfunded Actuarial Accrued Liability, also called the Funding Surplus.

***Valuation Date or Actuarial Valuation Date:*** The date as of which the value of assets is determined and as of which the Actuarial Present Value of Future Plan Benefits is determined. The expected benefits to be paid in the future are discounted to this date.

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## Participating Employers, June 30, 2007

### Public Schools

Las Cruces
Alamogordo
Albuquerque
Animas
Artesia
Aztec
Belen Consolidated
Bernalillo
Bloomfield
Capitan
Carlsbad
Carrizozo
Central Consolidated
Chama Valley
Cimarron
Clayton
Cloudcroft
Clovis
Cobre Consolidated
Corona
Cuba Independent
Deming
Des Moines
Dexter Consolidated
Dora Consolidated
Dulce
Elida
Espanola
Estancia
Eunice
Farmington
Floyd
Fort Sumner
Las Vegas
Las Vegas West
Logan
Lordsburg
Los Alamos
Los Lunas
Loving
Lovington
Magdalena
Maxwell
Melrose
Mesa Vista
Mora
Moriarty
Mosquero
Mountainair
Pecos
Peñasco
Pojoaque Valley
Portales
Quemado
Questa
Raton
Reserve
Rio Rancho
Roswell
Roy
Ruidoso
San Jon
Santa Fe
Santa Rosa
Silver Consolidated

### Charter Schools

Academy for Technology and the Classics
Albuquerque Institute of Math and Science
Alma D'Arte Charter High School
Amistad Elementary
Amy Biehl High School
Anansi
Bridge Academy
Cesar Chavez Community School
Cottonwood Valley
Creative Education Preparatory Institute #1
Creative Education Preparatory Institute #2
Digital Arts and Technology Academy
East Mountain High School
Horizon Academy Northwest
Horizon Academy South
Horizon Academy West
Jefferson Montessori Academy
La Academia de Esperanza
La Academia de Lengua y Cultura
La Academia de Idiomas Y Cultura
Learning Community Charter School
Los Puentes Charter School
Monte del Sol
Montessori of the Rio Grande
Moreno Valley High School
Mountain Mahogany Community School
Nuestros Valores
Public Academy for Performing Arts
Red River Valley
Robert F. Kennedy
Roots and Wings
San Diego Riverside

## Participating Employers, June 30, 2007

### Colleges and Universities

Central New Mexico Community College  
Clovis Community College  
Eastern NM University (Portales)  
Eastern NM University (Roswell)  
Luna Community College  
Mesalands Community College  
NM Highlands University  
NM Junior College  
NM State University  
NM Institute of Mining & Technology  
Northern NM Community College  
San Juan College  
Santa Fe Community College  
University of New Mexico  
Western NM University

### State Agencies

Central Regional Education Coop  
High Plains Regional Education Coop  
NM Activities Association  
NM Boys School  
NM Department of Corrections  
NM Department of Education  
NM Department of Health  
NM Department of Vocational Rehabilitation  
NM Educational Retirement Board  
Northeast Regional Education Coop  
Pecos Valley Regional Education Coop #8  
Region IX Educational Coop  
Regional Education Coop #7  
Regional Educational Center #6  
Southwest Regional Education Coop

## Growth of Retired Participants

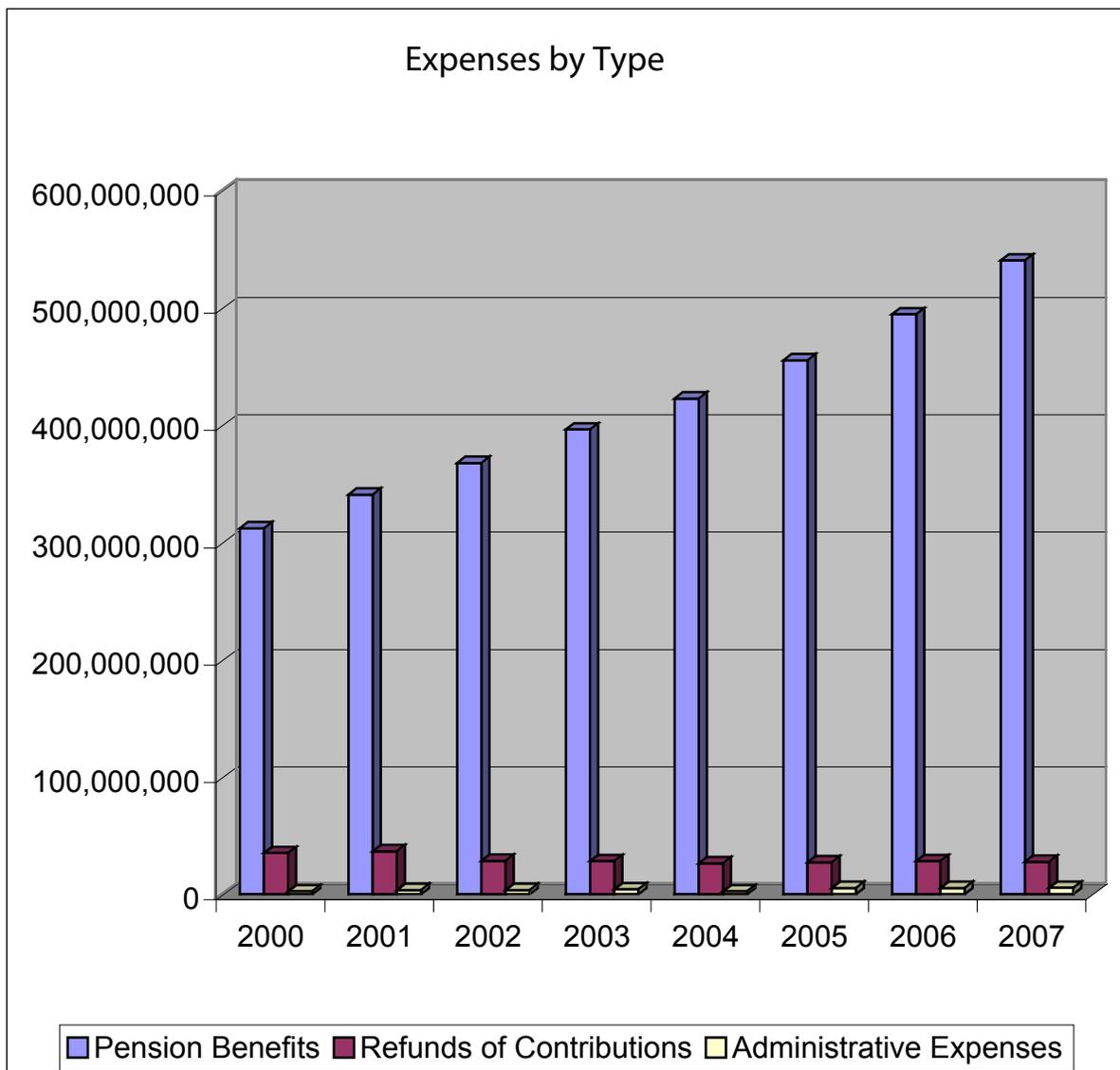
Year Ending June 30	Number of Retirees	All Retirees Average Monthly Benefit
(1)	(2)	(3)
1984	8,462	\$430
1986	10,004	512
1988	11,375	663
1990	12,741	767
1992	14,107	846
1993	15,001	890
1994	15,814	966
1995	16,593	976
1996	17,381	1,011
1997	18,317	1,055
1998	19,244	1,104
1999	20,109	1,139
2000	21,186	1,228
2001	22,191	1,274
2002	23,052	1,315
2003	24,085	1,376
2004	24,947	1,420
2005	26,100	1,466
2006	28,539	1,472
2007	29,969	1,523

## History of Contribution Rates

Fiscal Year Beginning July 1 (1)	Employee Rate % (2)	Employer Rate % (3)	Total Rate % (4)
1984	7.6%	7.6%	15.20%
1986	7.6%	7.6%	15.20%
1988	7.6%	7.6%	15.20%
1990	7.6%	7.6%	15.20%
1992	7.6%	7.6%	15.20%
1993	7.6%	7.60%	15.20%
1994	7.6%	8.65%	16.25%
1995	7.6%	8.65%	16.25%
1996	7.6%	8.65%	16.25%
1997	7.6%	8.65%	16.25%
1998	7.6%	8.65%	16.25%
1999	7.6%	8.65%	16.25%
2000	7.6%	8.65%	16.25%
2001	7.6%	8.65%	16.25%
2002	7.6%	8.65%	16.25%
2003	7.6%	8.65%	16.25%
2004	7.6%	8.65%	16.25%
2005	7.6%	8.65%	16.25%
2006	7.675%	9.400%	17.050%
2007	7.825%	10.900%	18.725%

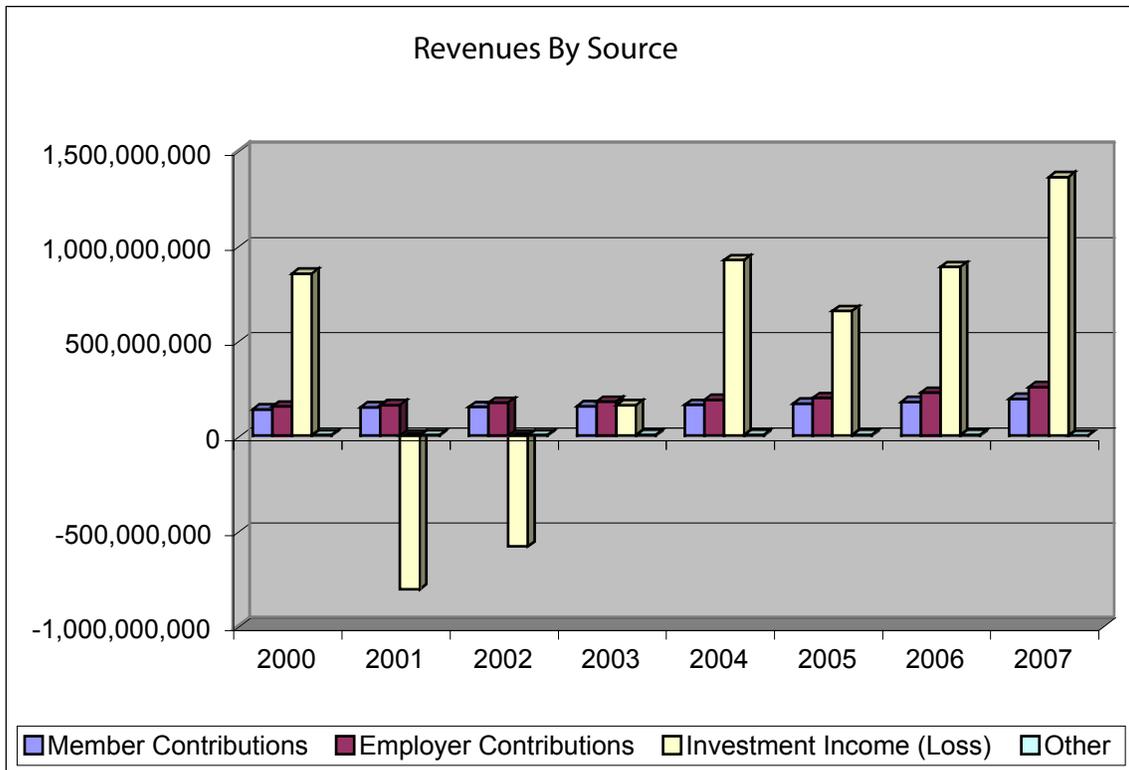
## Expenses by Type

Year Ended June 30	Pension Benefits	Refunds of Contributions	Administrative Expenses	Total
6/30/2000	311,813,766	35,152,631	2,543,933	349,510,330
6/30/2001	340,595,679	36,633,912	3,517,803	380,747,394
6/30/2002	367,494,870	28,508,035	3,622,362	399,625,267
6/30/2003	396,081,755	28,338,456	4,287,345	428,707,556
6/30/2004	422,418,366	26,385,013	2,583,048	451,386,427
6/30/2005	454,983,452	27,214,675	5,320,667	487,518,794
6/30/2006	494,096,614	28,305,856	5,230,635	527,633,105
6/30/2007	540,143,723	27,525,131	5,625,343	573,294,197



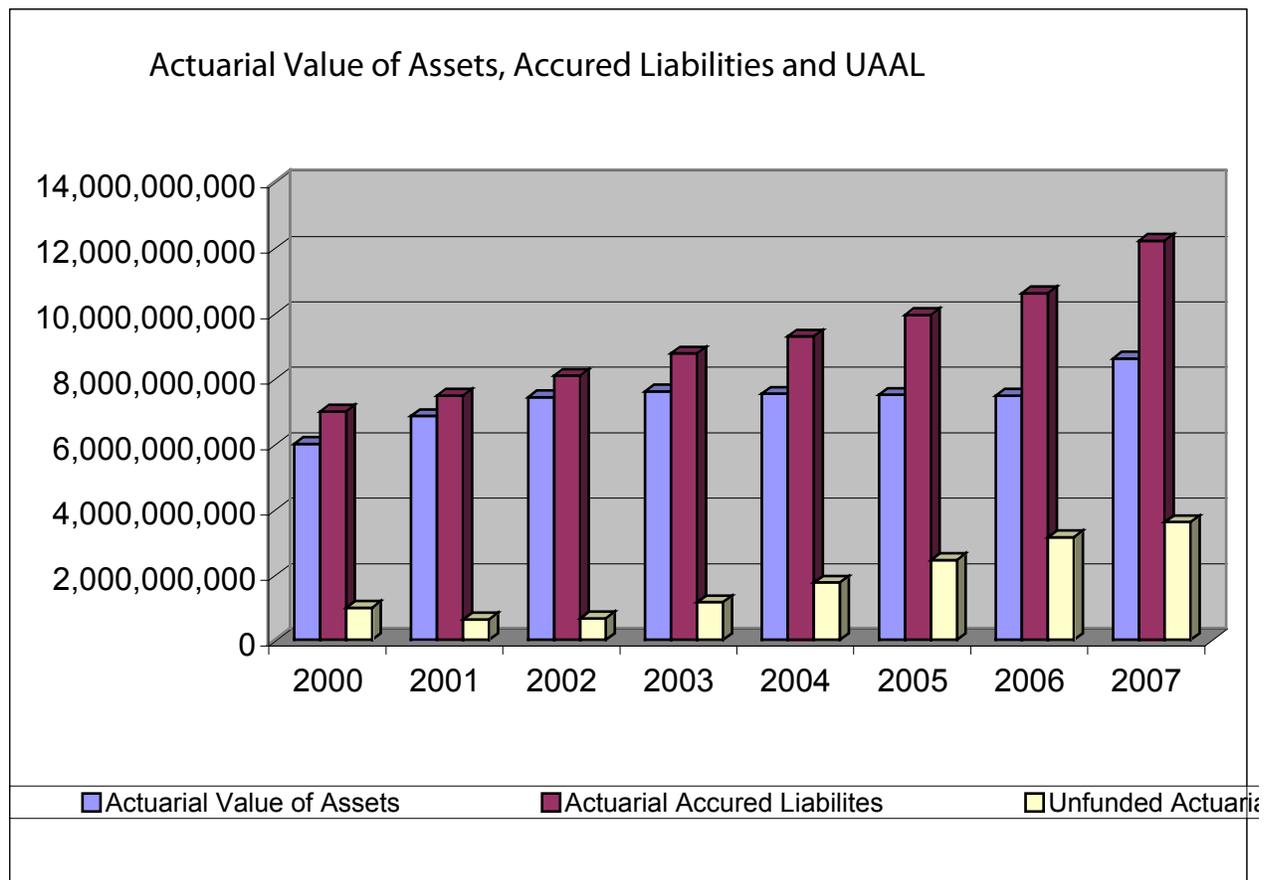
## Revenues by Source

Year Ended June 30	Member Contributions	Employer Contributions	Investment Income (Loss)	Other	Total
6/30/2000	139,179,503	153,260,317	853,377,794	3,484,423	1,149,302,037
6/30/2001	150,068,398	161,524,340	(807,706,751)	3,689,430	(492,424,583)
6/30/2002	151,378,455	173,863,363	(582,712,628)	3,450,064	(254,020,746)
6/30/2003	154,427,006	179,010,098	160,929,270	4,344,038	498,710,412
6/30/2004	162,118,792	189,324,788	923,928,365	4,200,818	1,279,572,763
6/30/2005	169,099,212	197,872,532	656,111,614	4,028,602	1,027,111,960
6/30/2006	178,220,782	226,479,332	887,256,806	3,827,873	1,295,784,793
6/30/2007	193,657,706	255,853,194	1,360,289,177	0	1,809,800,077



## Schedule of Actuarial Value of Assets, Accrued Liabilities and UAAL

Year Ended June 30	Actuarial Value of Assets	Actuarial Accrued Liabilities	Unfunded Actuarial Accrued Liability (UAAL)
6/30/1999	5,988,547,319	6,971,667,593	983,120,274
6/30/2000	6,835,842,591	7,460,619,599	624,777,008
6/30/2001	7,418,311,093	8,070,335,294	652,024,201
6/30/2002	7,595,590,780	8,747,971,400	1,152,380,620
6/30/2003	7,518,163,450	9,266,626,972	1,748,463,522
6/30/2004	7,487,979,776	9,927,058,567	2,439,078,791
6/30/2005	7,457,547,183	10,591,808,489	3,134,261,306
6/30/2006	7,813,888,383	11,436,324,190	3,622,435,807
7/30/2007	8,591,417,402	12,190,080,577	3,598,663,175





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