

## Comprehensive Annual Financial Report

For the Year Ended December 31, 2006

Noncontributory Retirement System
Contributory Retirement System
Public Safety Retirement System
Firefighters Retirement System
Judges Retirement System
Governors and Legislators Retirement Plan 401(k) and 457 Plans

Roth and Traditional IRA Plans
Health Reimbursement Arrangement (HRA)

## Certificate of Achievement for Excellence in Financial Reporting

Presented to

## Utah Retirement Systems

For its Comprehensive Annual Financial Report for the Fiscal Year Ended December 31,2005

A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement
systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.


## 2006

# Utah Retirement Systems 

A Component Unit of the State of Utah

## Comprehensive Annual Financial Report

For the Year Ended December 31, 2006

Noncontributory Retirement System
Contributory Retirement System
Public Safety Retirement System
Firefighters Retirement System
Judges Retirement System
Governors and Legislators Retirement Plan
401(k) and 457 Plans
Roth and Traditional IRA Plans
Health Reimbursement Arrangement (HRA)

Prepared by:
Finance Department - Utah Retirement Systems
560 East 200 South • Salt Lake City, Utah 84102-2021
www.urs.org

Robert V. Newman, Executive Director
Robert K. Kellersberger, CGFM, Controller

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## 2006

Utah Retirement Systems

Comprehensive
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## Intr <br> Section



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A d d i t i o n s b y $\quad$ S o u r c e


# Letter of Transmittal 

UTAH STATE RETIREMENT BOARD
UTAH RETIREMENT SYSTEMS
560 East 200 South
Salt Lake City, Utah 84102-2021
(801) 366-7700
(800) 365-8772 TOLL FREE
(801) 366-7734 FAX

ROBERT V. NEWMAN
EXECUTIVE DIRECTOR

April 25, 2007

Utah State Retirement Board
560 East 200 South
Salt Lake City, UT 84102-2021

Dear Board Members:
We are pleased to present the 2006 Comprehensive Annual Financial Report of the Utah Retirement Systems (Systems), including the 401(k), 457, Roth and Traditional IRA Plans (Plans), and the Health Reimbursement Arrangement (HRA). Together, the Systems and Plans constitute a component unit of the State of Utah, administered by the Utah State Retirement Board (Board) for calendar year 2006.

The financial reporting entity of the Systems and Plans include the Public Employees Noncontributory and Contributory Retirement Systems, for both government and public education employees, the Public Safety, Firefighters and Judges Retirement Systems, the Utah Governors and Legislators Retirement Plan, and the 401(k), 457, Roth and Traditional IRA Plans, and HRA.

Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the management of the Systems and Plans. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the fiduciary funds.

For financial reporting purposes, the Systems and Plans utilize Governmental Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit

Pension Plans and Note Disclosures for Defined Contribution Plans, GASB Statement No. 34, Basic Financial Statements — and Management's Discussion and Analysis for State and Local Governments, GASB Statement No. 37, Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments: Omnibus, GASB Statement No. 38, Certain Financial Statement Note Disclosures, GASB Statement No. 40, Deposit and Investment Risk Disclosures, GASB Statement No. 44, Economic Condition Reporting: The Statistical Section, and GASB Statement No. 45, Accounting and Financial Reporting for Employers for Postemployment Benefits Plans Other Than Pensions. Assets of the Systems and Plans are presented at fair value. The actuarial value of assets and the actuarial accrued liability are presented in the required supplementary information following the notes to the basic financial statements.

The Utah Retirement Systems and 401(k), 457, Roth and Traditional IRA Plans, and HRA were established by legislation and authorized as indicated in the notes to the basic financial statements on page 46. The Summaries of Plan Provisions are presented on pages 122 through 129. The number of active and retired members and beneficiaries for each system is presented in the Systems' Highlights on pages 12 through 24. The purpose of the Systems and Plans is to provide benefits for all eligible State, local government and most public education employees whose employers have elected to participate. Services provided by the staff are performed to meet that objective.

The 2006 Comprehensive Annual Financial Report is presented in five sections. The Introductory Section contains the letter of transmittal, the Board President's letter, identification of the Systems' administrative organization and professional consultants, as well as Systems' Highlights for each retirement system and plan. The Financial Section contains the opinion of the independent auditors, management's discussion and analysis (MD\&A), the basic financial statements and required supplementary information of the Systems, and further information about the Systems at division levels. The Investment Section contains investment information and a list of the largest holdings. The Actuarial Section contains the independent consulting actuary's certi-

## Utah Retirement Systems

## Letter of Transmittal (Continued)

fication, an outline of actuarial assumptions and methods, and other actuarial statistics. The Statistical Section contains tables of significant data pertaining to the Systems.

## Management's Discussion and Analysis

The MD\&A beginning on page 28 provides an overview and analysis of the Systems and Plans Basic Financial Statements. This letter of transmittal is intended to complement the MD\&A and should be read in conjunction with it

## Economic Condition and Outlook

The economic condition of the Systems is based primarily upon investment earnings. The Systems' investments were evaluated at year end by Callan Associates Inc., Investment Measurement Service. A comparative analysis of rates of return is presented on page 99 of this report.

## For the Future

During 2006, actuarial assumptions and contribution rates were based on the recommendations of our actuary. See the Actuarial Section of this report and the notes to the basic financial statements for explanations of these rates. Rate changes resulted from actuarial assumption modifications, economic conditions, actuarial experience gains and losses and benefit enhancements in the Systems.

The Utah Retirement Systems are maintained on an actuarially sound basis as certified in this report by our actuary, thus protecting participants' future benefits. We anticipate that investment earnings on a long term basis will continue to meet or exceed the actuarially assumed earning rate. We expect all systems to continue towards fully funded positions in accordance with actuarial assumptions.

## Financial Information

Management is responsible for maintaining a system of adequate internal accounting controls designed to provide reasonable assurance that transactions are executed in accordance with management's general or specific authorization, and are recorded as necessary to maintain accountability for assets and to permit preparation of financial statements in accordance with generally accepted accounting principles. This system includes written policies and procedures and an internal audit department that reports to the Board. Discussion and analysis of net assets and related additions and deductions is presented in the MD\&A beginning on page 28

## Funding

Funds are derived from the excess of additions, which include contributions and investment earnings, over deductions, which are comprised of benefits and administrative expenses. Funds are accumulated to meet future benefit obligations to retirees and beneficiaries. This accumulated balance is referred to as the "net assets held in trust for pension benefits" in the Statements of Fiduciary Net Assets in the Financial Section of this report. The actuarial accrued liability is not disclosed in the basic financial statements but is disclosed in the required supplementary information schedules immediately following the notes to the basic financial statements. These schedules show the actuarial value of assets, which is based on a five-year smoothed expected rate of return, wherein the excess or shortfall of investment income over or under the actuarial assumed income of $8 \%$ is recognized over a five-year period. This is the value of assets used by the actuary in determining contribution rates for the Systems as disclosed in note 5 to the basic financial statements.

The actuarial accrued liability of the Systems is determined by the actuary. It is a measure of the present value of actuarial accrued liabilities estimated to be payable in the future to current retirees, beneficiaries and employees for service earned to date. The percentage computed by dividing the actuarial value of net assets available for benefits by the actuarial accrued liability is generally referred to as the "funded ratio." This ratio provides an indication of the funded status of the Systems on a going-concern basis and generally, the greater this percentage, the stronger the system. A higher level of funding gives the participants a greater degree of assurance that their pension benefits are secure.

Although the historical level of funding is good, constant effort will be directed at achieving full funded status, assuring participants of financially sound retirement systems. Funded status and progress for overall Systems are presented in the Required Supplementary Information Schedules of Funding Progress on page 68. The current funded ratios range from $92 \%$ to $123 \%$.

## Investments

The investment portfolio mix at fair value as of the end of 2006 is $21 \%$ debt securities, $45 \%$ equities, $4 \%$ private equity, $15 \%$ real estate, $10 \%$ short term, and $5 \%$ absolute return. The $21 \%$ debt securities is comprised of $17 \%$

## Utah Retirement Systems <br> Letter of Transmittal (Continued)

domestic and 4\% international instruments. The 45\% equities is comprised of $29 \%$ domestic and $16 \%$ international equities. See MD\&A and Investment Section for more detailed analysis and information. The Systems' investment outlook is long term allowing the portfolio to take advantage of the favorable risk-return characteristics of equities by placing more emphasis on this category.

The Board utilizes internal and external portfolio managers employing both passive (indexed) and active strategies. The portfolio is broadly diversified among equities, debt securities, real estate and private equity with additional diversification achieved through domestic and international investing.

## Investment Risk

The investment policy is to minimize credit and market risks while maintaining a competitive yield on its portfolio. Accordingly, deposits are either insured by federal depository insurance or collateralized. All collateral on deposits is held in the counterparties' joint custody accounts at the Federal Reserve Bank. On occasion, deposits may be significantly greater than collateral due to investment purchase "fails", receipt of interest earnings on the 15th of each month, and proceeds from investment sales and maturities. Of approximately $\$ 20.9$ billion in investments at fair value as of December 31, 2006, none of the investments were in the category of highest custodial credit risk as defined by the GASB.

## Independent Audit

An annual audit of the Systems and Plans was conducted by the independent accounting firm of Deloitte \& Touche LLP. The auditors' report on the basic financial statements is included in the Financial Section of this report.

## Actuarial Valuation

An actuarial valuation of the Systems is performed annually. An assumption experience study is performed at least every other year. The actuarial firm Gabriel, Roeder, Smith \& Company completed the actuarial reviews and valuations and served as technical advisor to the Systems. Actuarial certification and supporting statistics are included in the Actuarial and Statistical Sections of this report.

## Awards

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the

Utah Retirement Systems for its Comprehensive Annual Financial Report for the fiscal year ended December 31, 2005. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Such financial reports must satisfy both generally accepted accounting principles and applicable legal requirements. A Certificate of Achievement is valid for a period of one year only. The Utah Retirement Systems has received a Certificate of Achievement for the last 22 years. We believe our current report continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to GFOA.

In addition the Utah Retirement Systems were awarded the Public Pension Coordinating Council Public Pension Standards 2006 Award. This award is in recognition of meeting professional standards for plan design and administration as set forth in the Public Pension Standards.

## Acknowledgments

The compilation of this report reflects the combined efforts of the staff under the leadership of the Utah State Retirement Board. The report is intended to provide extensive and reliable information for making management decisions, determining compliance with legal provisions, and determining responsible stewardship for the assets contributed by the Systems' members and their employers.

We would like to take this opportunity to express our gratitude to the Board, the staff, the advisors, and the many people who have worked so diligently to assure the successful operation and financial soundness of the Utah Retirement Systems.

Sincerely yours,


# Board President's Letter 

UTAH STATE RETIREMENT BOARD
UTAH RETIREMENT SYSTEMS
560 East 200 South
Salt Lake City, Utah 84102-2021
(801) 366-7700
(800) 365-8772 TOLL FREE
(801) 366-7734 FAX

ROBERT V. NEWMAN
EXECUTIVE DIRECTOR

April 25, 2007

Dear members of the Retirement Systems:

As board members and trustees of Utah Retirement Systems, we have the responsibility and mandate to provide retirement benefits to eligible members for the valuable services they have rendered to the public. Thanks to the prudent funding principles established over several decades by governors, legislatures and boards, I can confidently report that the outlook for the Systems is positive.

I am pleased to note that more than 38,000 retirees now enjoy monthly benefits from the Retirement Systems, and more than 99,000 working members are earning future retirement benefits.

## Excellent Investment Performance in 2006.

Despite mid-year volatility, financial markets finished 2006 with strong performance. Thanks to investment returns of $14.77 \%$, assets of the Retirement Systems increased by $\$ 2.37$ billion to a new high of $\$ 19.83$ billion. Over the past five years, the Systems have returned $10.70 \%$, against our actuarial goal of $8 \%$.

## URS Defined Contribution Savings Plans Continue to Show Strong Growth.

Contributions to the $401(\mathrm{k}) / 457$ plans and to the Roth and traditional IRAs have grown significantly. In February 2006, members gained the option to invest directly in stocks, bonds, mutual funds and exchange traded funds through the creation of brokerage window accounts. During the year, approximately 500 of these accounts were opened with year-end assets of $\$ 15.48$ million.

In all, account balances in the URS Savings Plans grew by $\$ 321$ million in 2006 reaching a total net asset value of more than $\$ 2.66$ billion. While participants' individual rates of return varied according to their choices among the eleven available investment options, I believe that most participants were rewarded with investment gains.

Taken together, the defined benefit plans and the defined contribution plans added more than $\$ 2.69$ billion to the total net assets of the systems, reaching a new high of $\$ 22.49$ billion. I believe that the Systems are well positioned to take advantages of future opportunities in 2007.

## Excellent Management

I express my appreciation for the breadth and depth of experience possessed by members of the Board. Each board member makes a valuable contribution to the success of Utah Retirement Systems. I also express the Board's confidence in and appreciation to Executive Director Robert Newman and his staff for their excellent management of the Systems.

Sincerely,


Retirement Board


Executive Director


Robert V. Newman

## Membership Council

Member
Mr. G. Steven Baker* Chairperson
Ms. Patti Wayman* Vice-Chairperson
Mr. Kent J. Abel*
Officer Mike Galieti*
Mr. Marty Peterson*
Honorable Judith M. Billings
Ms Kim Campbell
Mr. Dean Drew
Mr. Tom Hardy
Mr. Russell S. Judd
Mr. James Tarbet
Ms. Patricia Thompson
Ms. Elaine Tzourtzouklis
*Executive Committee

Represents
Represents Utah Association of Counties
Represents Utah Public Employees' Association
Represents Utah Retired School Employees' Association Represents Utah Peace Officers' Association Represents Professional Firefighters of Utah Represents Utah Judicial Council
Represents Utah Education Association
Represents Utah Public Employees' Association
Represents Utah League of Cities and Towns
Represents Utah Education Association
Represents Utah Association of Retired Public Employees
Represents Utah School Employees' Association
Represents Utah Education Association

## Utah Retirement Systems Organization Chart



## Administrative Staff

Robert V. Newman, CPA
Executive Director
Todd W Rupp, CPA
Deputy Executive Director
Steven M. West, CPA, CFE
Director, Internal Audit

Bruce H. Cundick, CFA
Chief Investment Officer
Jeff J. Allen
Chief Information Officer

## Matthew K. Judd

Director, Records and
Information Services

Robert K. Kellersberger, CGFM
Controller
Cheryl J. Sachse, SPHR
Director, Human Resources

Judy C. Lund Director, Retirement

## Craige D. Stone

Director, Defined
Contribution Plans

## Director,

Internal
Audit
STEVEN M. WEST

> Investment
> Compliance

## Professional Services

Actuary - Auditor
Legal - Consultants
Investment Advisors Medical Director

Detail for professional service providers is shown below.
Investment professionals are presented on pages 102 and 105


## Professional Consultants

## Actuary

Gabriel, Roeder, Smith
\& Company
2001 Ross Avenue
Suite 4200
Dallas, TX 75201

## Auditor

Deloitte \& Touche LLP
Certified Public Accountants Suite 1900, 299 South Main Salt Lake City, UT 84111

Legal Counsel
Howard, Phillips \& Anderson
560 East 200 South
Suite 300
Salt Lake City, UT 84102
Medical Director
Howard McQuarrie, M.D.
560 East 200 South
Salt Lake City, UT 84102

## Other Consultants

Advanced Risk Management
Techniques Inc.
23701 Birtcher Dr.
Lake Forest, CA 92630
Groom Law Group
1701 Pennsylvania Ave. NW
Washington DC. 20006

Ice Miller, LLP
One American Square
Suite 3100
Indianapolis, IN 46282


## Noncontributory

System Highlights
The Public Employees Noncontributory
Retirement System includes eligible public employees of the State of Utah and its political subdivisions and public education employees of those entities covered by the System.

2006
Noncontributory System Composite Picture:

Total Membership...142,646
Active
.. 87,219
Terminated vested .....27,273
Retired.
.28,154

Active Members ....... 87,219
Average age .................. 44.9
Average years
of service
Average
annual salary .\$37,786

## Retirees

Number ........................2,728
Average age .................. 61.4
Average years
of service.23 .5

Final average
annual salary
Average
annual benefit
. 20,982

Average annual
benefit -
all retirees
. 18,387

Noncontributory System Highlights


## Service Retirement

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| Any age ........... 30 |  |  |
| Any age ...........25...............Full actuarial before age 60 |  |  |
| 60-61 ............... 20 ............. $3 \%$ each year before age 65 |  |  |
| 62-64.............. 10 ............ $3 \%$ each year before age 65 |  |  |
|  |  |  |

## Service Benefit Formula

Number of years of service $\times 2.00 \% \times$ FAS.*

* FAS (Final Average Salary) $=$ highest three years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.


## Cost of Living Allowance

Up to 4\% annually on original retirement benefit.

## Contribution Rates

(as of 12-31-2006)
Employer rate for the State and School Division (Level A) is $14.22 \%$ of covered salary and $11.59 \%$ for the Local Government Division (Level B).

For more detail see Summary of Plan Provisions on page 122.




## Contributory

 System HighlightsThe Public Employees Contributory Retirement System includes eligible public employees of the State of Utah and its political subdivisions and public education employees of those entities covered by the System.

ното
Jennifer Smith
senior Supervising Civil Engineer
Salt Lake City


2006
Contributory System Composite Picture:

Total Membership.....10,310
Active
.3,010
Terminated vested .......1,448
Retired .5,852

## Active Members <br> 3,010

Average age .................. 51.2
Average years
of service.
Average
annual salary
.\$43,005

## Retirees

Number187

Average age ..... 59.9

Average years
of service. 25.7

Final average
annual salary
Average
annual benefit
. 18,804

[^0]Contributory System Highlights


## Service Retirement

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| Any age ........... 30 ..............................................None |  |  |
| 60-61 ............... 20 ............. $3 \%$ each year before age 65 |  |  |
| 62-64.............. 10 ............. $3 \%$ each year before age 65 |  |  |
| 65 ..................... 4 ......................... |  |  |

## Service Benefit Formula

1. Number of years of service before 7-1-75 x 1.25\% x FAS*
2. Number of years of service after 6-30-75 $\times 2.00 \% \times$ FAS*
3. Plan 1 allowance $=$ total of 1 and 2.

* FAS (Final Average Salary) = highest five years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.


## Cost of Living Allowance

Up to 4\% annually on original retirement benefit.

## Contribution Rates

(as of 12-31-2006)
Member rate is $6.00 \%$ of covered salary. Employer rate for State and School Division (Level A) is 9.73\% of covered salary and 7.58\% for the Local Government Division (Level B).

For more detail see Summary of Plan Provisions on page 123.




Рното:
Blaine Breshears
School Resource Officer / D.A.R.E.
Morgan County
Sheriff's Department

## Public Safety

System Highlights
The Public Safety Retirement System includes eligible state and local government employees directly involved in law enforcement.
The Public Safety System consists of the
Noncontributory and Contributory divisions.


## 2006 <br> Public Safety <br> Composite Picture:

Total Membership..... 12,392
Active ..........................7,474
Terminated vested .......1,469
Retired.........................3,449

Active Members ......... 7,474
Average age ...................38.7
Average years
of service.
Average
annual salary
. 42,356

## Retirees

Number ..... 212
Average age ..... 53.0
Average years of service ..... 23.1
Final average annual salary .....  51,244
Average
annual benefit .....  29,000
Average annual
benefit - all retirees ..... \$22,977

Public Safety Highlights


## Service Retirement

| Age | Years of Servis |
| :---: | :---: |
|  | ...... 20 |
|  | ...... 10 |
| 65 | ........ 4 |
|  |  |

1. $2.5 \% \times$ FAS $^{*} \times$ years of service up to 20 years.
2. $2.0 \% \times$ FAS* $\times$ years of service over 20 years.
3. Monthly benefit = total of 1 and 2.**

* FAS (Final Average Salary) = highest three years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.
** Benefit paid cannot exceed $70 \%$ of FAS.


## Cost of Living Allowance

Up to $2.5 \%$ annually on original retirement benefit.

## Contribution Rates

(as of 12-31-2006)
Noncontributory-
Employer rates range from 19.99\% to 35.71\% of covered salary.
Contributory-
Member rates range from 10.50\% to 13.74\% of covered salary. Employer rates range from $11.01 \%$ to $22.99 \%$ of covered salary.

For more detail see Summary of Plan Provisions on page 124.




Рното:
Jimmy Martinez
Driver / Engineer
Fire Department
Weber County


2006
Firefighters System Composite Picture:

Total Membership.......2,796
Active
1,684
Terminated vested ............ 99
Retired
1,013

## Active Members <br> 1,684

Average age .................. 39.5
Average years
of service.
Average
annual salary
. 51,549

## Firefighters

System Highlights
The Firefighters Retirement System includes eligible state and local government employees directly involved in fire fighting and whose duties are classified as hazardous.

Firefighters System Highlights


## Service Retirement



## Service Benefit Formula

1. $2.5 \% \times$ FAS $^{*} \times$ years of service up to 20 years.
2. $2.0 \% \times$ FAS $^{*} \times$ years of service over 20 years.
3. Monthly benefit = total of 1 and 2.**

* FAS (Final Average Salary) $=$ highest three years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.
** Benefit paid cannot exceed $70 \%$ of FAS.


## Cost of Living Allowance

Up to 4\% annually on original retirement benefit.

## Contribution Rates

(as of 12-31-2006)
Member rate for Division A (with Social Security) is 10.84\% of covered salary and 8.72\% for Division B (without Social Security). Employer rate for Division A is $0.00 \%$ of covered salary and $0.00 \%$ for Division B.

For more detail see Summary of Plan Provisions on page 126.




2006
Judges System
Composite Picture:
Total Membership.......... 205
Active $\qquad$ 106

Terminated vested $\qquad$ 10

Retired. $\qquad$ .89

Active Members. $\qquad$ .106

Average age $\qquad$ 56.0

Average years of service $\qquad$ 11.1

Average annual salary . $\qquad$ \$112,350
Judges
System Highlights
The Judges Retirement System includes
justices and judges of the courts of record as authorized in state statutes.

Retirees
Number. $\qquad$
Average age $\qquad$ 63.5

Average years of service $\qquad$ 31.9

Final average annual salary $\qquad$ \$107,400
Average annual benefit $\qquad$ \$90,754

Average annual benefit all retirees $\qquad$

Judges System Highlights


## Service Retirement



1. $5.00 \% \times$ FAS $* \times$ years of service up to 10 years.
2. $2.25 \% \times$ FAS $^{*} \times$ years of service between 10 and 20 years.
3. $1.00 \% \times$ FAS $^{*} \times$ years of service over 20 years.
4. Monthly benefit = total of 1, 2 and 3. **

* FAS (Final Average Salary) = highest two years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.
** Benefit paid cannot exceed $75 \%$ of FAS.


## Cost of Living

## Allowance

Up to 4\% compounded annually.

## Contribution Rates

(as of 12-31-2006)
NoncontributoryEmployer rate is 9.79\% of covered salary.

Contributory-
Member rate is $2.00 \%$ of covered salary.
Employer rate is 7.79\% of covered salary.

For more detail see Summary of Plan Provisions on page 128.



# Utah Governors and Legislators 

Retirement P|an

The Utah Governors and Legislators
Retirement Plan includes only governors and legislators of the State of Utah.

## 2006

Governors and Legislators Retirement Plan Composite Picture:

Total Membership.......... 413
Active
.96
Terminated vested ............ 95
Retired............................ 222

Active Members............... 96
Average age .................. 52.1
Average years
of service ........................5.8
Average
annual salary ............. \$7,649

Retirees
Number3

Average age

64.6

Average years
of service.8.4

Final average
annual salary
Average
annual benefit
. 2,479
Average annual
benefit -
all retirees ................. $\$ 2,983$

Average annual all retirees

Utah Governors and Legislators Retirement Plan Highlights


## Service Retirement

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| 65 | ..... 4 | None |
|  | ..... 10 ...... | $r$ before age 65 |

## Service Benefit Formula

## Governors-

\$500* per month per term.

* Increased semi-annually up to $2 \%$ based on the CPI. The amount as of 12-31-06 is $\$ 1,160$ per term.


## Legislators-

\$10** per month per each year of service as a legislator
** Increased semi-annually up to $2 \%$ based on the CPI. The amount as of 12-31-06 is $\$ 25.60$ per term.

## Cost of Living Allowance

Up to 4\% annually on original retirement benefit.

## Contribution Rates

(as of 12-31-2006)
There are currently no required contributions.

For more detail see Summary of Plan Provisions on page 129



# Defined Contribution Plan Highlights 

December 31, 2006

## The purpose of the Defined Contribution

Plans (401(k), 457, Roth and traditional
IRAs) is to allow public employees throughout Utah to adequately prepare themselves for retirement by investing a portion of their income in one or more of these supplemental retirement plans.

It has long been recognized that for employees to experience the comfortable and rewarding retirement they desire, they cannot rely entirely upon Social Security and their employer-provided retirement. Employees should take the initiative to personally put aside a portion of their salary into some type of long term savings plan.

The Plans provide the following benefits:

- Convenient, automatic payroll deduction
- Eleven investment options
- Brokerage window option
- Tax deferred and/or tax free savings
- Increase or decrease contributions as often as every pay period
- Roll over funds into any eligible plan or IRA upon termination or retirement
- Upon death, funds transfer to beneficiaries
- Immediate vesting
- No sales commissions
- Low investment and administrative fees

■ Plan Loans (401(k) and 457)

- Hardship and Emergency withdrawals

Each year the number of employees participating in these plans increases. Individuals may participate in more than one plan. As of December 31, 2006 the number of participants by investment plan is shown at the upper right.

Annualized rates of returns for the Investment Funds are shown on page 105.

## Membership Information

| At December 31, 2006 | 401(k) | 457 | RothIRA | Traditional | HRA |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Number of active employees eligible to participate | 95,329 | 82,603 | 99,589 | 99,589 | 183 |
| Employee contributions (excluding employer contributions): |  |  |  |  |  |
| Number of employees contributing | 44,765 | 6,729 | 427 | 22 | NA |
| Percent of eligible employees contributing | 47.0\% | 8.1\% | 0.4\% | 0.0\%* | NA |
| Average percent of salary deferred by employees | 6.2\% | 7.8\% | 4.2\% | 3.8\% | NA |
| Total participants | 132,382 | 14,937 | 714 | 242 | 183 |
| Average participant account balance | \$18,043 | 17,327 | 5,025 | 51,355 | 705 |

*Rounded figure, actual percentage is 0.02\%



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# Independent Auditors' Report 

## Deloitte

## INDEPENDENT AUDITORS' REPORT

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## Utah State Retirement Board:

We have audited the accompanying basic financial statements of Utah Retirement Systems, a component unit of the State of Utah, administered by the Utah State Retirement Board as of December 31, 2006, and for the year then ended, listed in the foregoing table of contents. These financial statements are the responsibility of the management of Utah Retirement Systems. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Utah Retirement Systems' internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, such basic financial statements present fairly, in all material respects, the plan net assets of the pension (and other employee benefit) trust funds of Utah Retirement Systems, administered by the Utah State Retirement Board as of December 31, 2006, and the changes in plan net assets of the pension (and other employee benefit) trust funds for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Management's Discussion and Analysis and the Schedules of Funding Progress and of Employer Contributions, listed in the foregoing table of contents, are not required
parts of the basic financial statements, but are supplementary information required by Governmental Accounting Standards Board. This supplementary information is also the responsibility of the management of Utah Retirement Systems. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary financial supporting schedules listed in the foregoing table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements. The supplementary supporting schedules are also the responsibility of the management of Utah Retirement Systems. Such additional information has been subjected to the auditing procedures applied in our audit of the basic financial statements and, in our opinion, is fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

The Introductory Section, Investment Section, Actuarial Section, and Statistical Section listed in the foregoing table of contents are presented for the purpose of additional analysis and are not a required part of the basic financial statements of Utah Retirement Systems. Such additional information has not been subjected to the auditing procedures applied in our audit of the basic financial statements and, accordingly, we express no opinion on it.

In accordance with Government Auditing Standards, we have also issued our report dated April 25, 2007, on our consideration of Utah Retirement Systems' internal control over financial reporting and our tests of their compliance with certain provisions of laws and regulations and other matters. The purpose of that report is to describe the scope of our testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.


Member of Deloitte Touche Tomatsu

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# INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED UPON THE AUDIT PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS 

Utah State Retirement Board:

We have audited the basic financial statements of Utah Retirement Systems, a component unit of the State of Utah, administered by the Utah State Retirement Board, as of and for the year ended December 31, 2006, and have issued our report thereon dated April 25, 2007. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

## Internal Control Over Financial Reporting

In planning and performing our audit, we considered Utah Retirement Systems' internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the basic financial statements, but not for the purpose of expressing an opinion on the effectiveness of Utah Retirement Systems' internal control over financial reporting. Accordingly, we do not express an opinion of the effectiveness of Utah Retirement Systems' internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than
a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above. However, we noted other matters involving the internal control over financial reporting that we have reported to the management of the Utah Retirement Systems in a separate letter dated April 25, 2007.

## Compliance and Other Matters

As part of obtaining reasonable assurance about whether Utah Retirement Systems' basic financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, and the Utah Retirement Systems' policies regarding purchasing, personnel, budgeting, and investments, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

This report is intended solely for the information and use of the Board, management, and others within the Utah Retirement Systems, and applicable State officials and is not intended to be and should not be used by anyone other than these specified parties.

Member of Deloitte Touche Tomatsu

## Management's Discussion and Analysis

## Introduction

## This section presents management's discussion and

 analysis of the Utah Retirement Systems' (URS) financial position and performance for the year ended December 31, 2006. It is presented as a narrative overview and analysis. Please read it in conjunction with the Letter of Transmittal included in the Introductory Section, the financial statements and other information which are presented in the Financial Section of this Comprehensive Annual Financial Report.URS is responsible for administering retirement and defined contribution benefits for State, local government and public education employees in the State of Utah. URS is composed of six defined benefit pension systems (Systems) and five defined contribution plans (Plans). The six defined benefit pension systems are the Public Employees Noncontributory Retirement System (Noncontributory System), the Public Employees Contributory Retirement System (Contributory System), the Public Safety Retirement System (Public Safety System), the Firefighters Retirement System (Firefighters System), the Judges Retirement System (Judges System) and the Utah Governors and Legislators Retirement Plan (Governors and Legislative Plan). The five defined contribution plans (Plans) are the 401(k), 457, Roth and Traditional IRA Plans, and Health Reimbursement Arrangement. All of these Systems and Plans are defined as pension (and other employee benefit) trust funds, which are fiduciary funds. Throughout this discussion and analysis units of measure (i.e. billions, millions, thousands) are approximate, being rounded up or down to the nearest tenth of the respective unit value.

## Financial Highlights

- The URS Defined Benefit Pension Systems' combined total net assets increased by $\$ 2.4$ billion, or 13.6 percent during calendar year 2006. The increase was primarily due to the increase in equity markets and increasing retirement contributions.
- The URS Defined Benefit Pension Systems' rate of return on investments during calendar year 2006 was 14.8 percent compared with the calendar year 2005 rate of return of 9.0 percent. The increase in rate of return was due primarily to the increase in equity performance in 2006.
- The URS Defined Benefit Pension Systems were actuarially funded at an average of 93.2 percent as of January 1,2006, an increase from the comparative average of 92.4 percent as of January 1, 2005. During 2006 the funded ratio increased from 93.2 percent at the beginning of the year to 96.3 percent at December 31, 2006 due to higher than expected investment returns.
- The Defined Contribution Plans' net assets increased \$321 million during calendar year 2006 primarily due to investment gains from the increase in equity markets and participant contributions.
- The Defined Contribution Plans' rates of return for investment options ranged from a high of 20.3 percent to a low of .54 percent compared to prior year investment option returns of a high of 19.8 percent and a low of 1.8 percent.


## Overview of the Financial Statements

## This discussion and analysis is intended to serve as

 an introduction to the URS financial reporting which is comprised of the following components:1) basic financial statements,
2) notes to the basic financial statements,
3) required supplementary information, and
4) other supplementary schedules.

Collectively, this information presents the combined net assets held in trust for pension benefits for each of the funds administered by URS as of December 31, 2006. This financial information also summarizes the combined changes in net assets held in trust for pension benefits for the year then ended. The information in each of these components is briefly summarized as follows:

1) Basic Financial Statements.

For the calendar year ended December 31, 2006, basic financial statements are presented for the fiduciary funds administered by URS. Fiduciary funds are used to account for resources held for the benefit of the participants outside of URS. The fiduciary funds are comprised of ten pension (and other employee benefit) trust funds which consist of six defined benefit systems and five defined contribution plans.

- The Statements of Fiduciary Net Assets are presented for the pension trust funds at December 31, 2006 with combined total comparative information at December 31, 2005. These financial statements reflect the resources available to pay benefits to
members, including retirees and beneficiaries, at the end of the years reported.
- The Statements of Changes in Fiduciary Net Assets are presented for the pension trust funds for the year ended December 31, 2006 with combined total comparative information for the year ended December 31, 2005. These financial statements reflect the changes in the resources available to pay benefits to members, including retirees and beneficiaries, for calendar years 2006 and 2005.

2) Notes to the Basic Financial Statements. The Notes to the Basic Financial Statements provide additional information that is essential to a full understanding of the data provided in the basic financial statements. Information in the Notes to the Basic Financial Statements is described below.

- Note 1 provides a general description of URS as well as a description of each of the Systems and Plans administered by URS and a summary of benefits. Information regarding employer and member participation in the Systems and Plans administered by URS is also provided.
- Note 2 provides a summary of significant accounting policies including the basis of accounting, investment accounting policies, management's use of estimates, information regarding the implementation of new accounting pronouncements, and other significant accounting policies.
- Note 3 describes deposits, investment risk disclosures, and additional information about cash, securities lending, and derivatives.
- Note 4 explains property and equipment of URS including depreciation and net carrying amounts.
- Note 5 provides information about actuarial values and methods for the defined benefit systems administered by URS.
- Note 6 provides information about contributions to the defined benefit systems administered by URS.
- Note 7 explains transfers to or from affiliated systems.
- Note 8 describes supplemental benefits.
- Note 9 provides information about litigation.
- Note 10 describes commitments for investment funding.
- Note 11 provides information about pension plan participation.
- Note 12 provides information about URS post employment benefits.
- Note 13 describes compensated absences and insurance reserves.
- Note 14 describes required supplementary information.
- Note 15 provides information about risk management of URS.
- Note 16 provides information about real estate liabilities.


## 3) Required Supplementary Information.

The required supplementary information consists of two schedules and related notes concerning actuarial information, funded status and required contributions of the defined benefit pension systems administered by URS.

## 4) Other Supplementary Schedules.

Other schedules include more detailed information pertaining to the Systems and Plans as well as schedules of administrative expenses.

## Financial Analysis of the Systems Defined Benefit Plans

## Investments

Investments of the URS Defined Benefit Systems are combined in a commingled investment pool as authorized by state statute. Each system owns an equity position in the pool and receives proportionate investment income from the pool in accordance with each respective ownership percentage.

Each system's allocated share of each type of investment in the pool is shown in the Statement of Net Assets of each respective system. Investment gains or losses are reported in the Statement of Changes in Fiduciary Net Assets of each retirement system. The rate of return on investments is therefore approximately the same for each of the systems.

## Systems Total Investments

At December 31, 2006, URS Defined Benefit Systems had total net assets of $\$ 19.8$ billion, an increase of $\$ 2.4$ billion from calendar year 2005 investment totals. The combined investment portfolio experienced a return of 14.8 percent compared with the URS investment benchmark return of 15.2 percent. Investment results over time compared with URS benchmarks are presented on page 99 in the Investment Section.

Since the investment gain in all of the retirement systems was about 14.8 percent of net assets, further investment performance will not be evaluated in each respective system.

## Management's Discussion and Analysis

```
Defined Benefit Systems
Investment Rates of Return
by Investment Type for 2006
```



Defined Benefit Systems
Asset Allocation at Fair Value


## Equities

At December 31, 2006, URS Defined Benefit Systems held $\$ 9.8$ billion in U.S. and international equity securities, a decrease of $\$ 256.4$ million from year 2005. U.S. equity and international equity securities had returns of 14.5 percent and 26.9 percent respectively for calendar year 2006, compared to URS benchmark returns of 15.7 percent and 27.3 percent respectively.

## Debt Securities

At December 31, 2006, URS Defined Benefit Systems held $\$ 4.6$ billion in U.S. debt and international debt securities, an increase of $\$ 257.0$ million from year 2005. U.S. debt securities returned 4.0 percent while international debt securities returned 9.2 percent in calendar year 2006 compared with URS benchmark returns of 4.3 percent and 6.6 percent respectively.

## Real Estate

At December 31, 2006, URS Defined Benefit Systems held $\$ 3.3$ billion in real estate investments, an increase of $\$ 976.5$ million from year 2005. Real estate investments returned 26.5 percent in calendar year 2006 compared with URS benchmark return of 18.3 percent.

## Private Equity

At December 31, 2006, URS Defined Benefit Systems held $\$ 802.6$ million in private equity investments, an increase of $\$ 191.0$ million from year 2005. Private equity investments returned 17.1 percent in calendar year 2006. The URS benchmark for private equity investments was 19.0 percent.

## Short Term

At December 31, 2006, URS Defined Benefit Systems held $\$ 2.2$ billion in short term investments, an increase of $\$ 838.6$ million from year 2005. Short term investments returned 4.8 percent in calendar year 2006, which compared to the URS benchmark return of 4.9 percent.


#### Abstract

Absolute Return At December 31, 2006, URS Defined Benefit Systems held $\$ 1.2$ billion in absolute return investments, an increase of 1.2 billion from year 2005. Absolute return investments returned 2.5 percent in calendar year 2006 compared with URS benchmark return of 10.9 percent.


## Security Lending

The Systems earn additional investment income by lending investment securities to brokers. This is done on a pooled basis by URS' custodial bank, The Northern Trust Company (TNT). The brokers provide collateral to TNT and generally use the borrowed securities to cover short sales and failed trades. TNT invests the cash collateral received from the brokers in order to earn interest. At December 31, 2006, the Systems had $\$ 2.2$ billion on loan secured by collateral of $\$ 2.3$ billion. For calendar year 2006, net securities lending income to the Systems amounted to $\$ 7.3$ million, an increase of $\$ 430$ thousand over calendar year 2005. The increase in security lending revenue for year 2006 represents mainly an increase in demand by brokers to borrow available securities.

## Analysis of the Defined Benefit Systems

## Noncontributory System

## The Noncontributory System provides retirement

 benefits to covered State of Utah, local government and public education employees. Benefits of the system are funded by employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 totaled $\$ 15.8$ billion, an increase of $\$ 1.9$ billion (13.9 percent) from $\$ 13.9$billion at December 31, 2005.
Additions to the Noncontributory System net assets held in trust for benefits include employer contributions, investment income and transfers. For the calendar year 2006, member and employer contributions increased from \$426.6 million for calendar year 2005 to $\$ 463.1$ million, an increase of $\$ 36.5$ million ( 8.5 percent). Contributions increased because salaries and contribution rates increased. The system recognized a net investment gain of $\$ 2.0$ billion for calendar year 2006 compared with net investment gain of $\$ 1.2$ billion for calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

Deductions from the Noncontributory System net assets held in trust for benefits include retirement benefits, administrative expenses and transfers. For the calendar year 2006, benefits amounted to $\$ 536$ million, an increase of $\$ 63.1$ million (13.3 percent) over calendar year 2005.

## Management's Discussion and Analysis (Continued)

The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For the calendar year 2006, the costs of administering the system totaled $\$ 7.8$ million, an increase of $\$ 305$ thousand (4.0 percent) from calendar year 2005.

An actuarial valuation of the Noncontributory System assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system increased to 93.2 percent from 92.3 percent at January 1, 2005. The amount by which the Noncontributory System actuarial assets were under actuarial benefit liabilities was $\$ 949.2$ million at January 1, 2006, compared with being under funded by $\$ 1.0$ billion at January 1,2005 . The increase in funded status as of the last actuarial valuation was a result of higher than expected investment results over the previous three years.

## Contributory System

The Contributory system provides retirement benefits to covered State of Utah, local government and public education employees. Benefits of the system are funded by member and employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 totaled $\$ 1.1$ billion, an increase of $\$ 96.9$ million ( 9.5 percent) from $\$ 1.0$ billion at December 31, 2005.

Additions to the Contributory System net assets held in trust for benefits include employer and member contributions, investment income and transfers. For calendar year 2006, member and employer contributions decreased from $\$ 20.7$ million for calendar year 2005 to $\$ 20.3$ million, a decrease of $\$ 386$ thousand (1.9 percent). Contributions decreased because the number of active members declined. For the most part the Contributory System is a closed system. For this reason both the numbers of active members and retired individuals are declining. The system recognized a net investment gain of $\$ 144.0$ million for calendar year 2006 compared with net investment gain of $\$ 88.4$ million for the calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

Deductions from the Contributory System net assets held in trust for benefits include retirement benefits, administrative expenses and transfers. For calendar year 2006, benefits amounted to $\$ 60.3$ million, an increase of $\$ 1.4$ million ( 2.4 percent) from calendar year 2005. The increase in benefit payments was due to the increase in the number of retired members in the system. For calendar year 2006, the costs of administering the system totaled $\$ 576$ thousand, a decrease of $\$ 2$ thousand (0.3 percent) from calendar year 2005.

An actuarial valuation of the Contributory System assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system increased to 92.6 percent from 92.1 percent at January 1, 2005. The amount by which the Contributory System actuarial assets were under actuarial benefit liabilities was $\$ 75.8$ million at January 1, 2006, compared with $\$ 79.9$ million at January 1, 2005. The increase in funded status as of the last actuarial valuation was a result of higher than expected investment returns over the previous three years.

## Public Safety System

The Public Safety System provides retirement benefits to eligible public safety employees of the State of Utah, local governments and higher education. Benefits of the system are funded by member and employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 amounted to $\$ 2.0$ billion, an increase of $\$ 245.0$ million ( 14.1 percent) from $\$ 1.7$ billion at December 31, 2005.

Additions to the Public Safety System net assets held in trust for benefits include employer contributions, investment income and transfers. For calendar year 2006, member and employer contributions increased from \$66.1 million for calendar year 2005 to $\$ 75.0$ million, an increase of $\$ 8.9$ million ( 13.5 percent). Contributions increased because salaries and contribution rates increased. The system recognized a net investment gain of $\$ 250.8$ million for calendar year 2006 compared with net investment gain of $\$ 148.1$ million for calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

## Management's Discussion and Analysis

(Continued)

Fiduciary Net Assets - Pension Trust Funds
December 31
(dollarsin $t h o u s a n d s)$

|  | Noncontributory System |  |  |  |
| :--- | ---: | ---: | ---: | :---: |
|  | 2006 | 2005 | 2004 |  |
| Assets: |  |  |  |  |
| Cash and receivables | $\$ 244,936$ | 625,093 | 295,018 |  |
| Investments at fair value | $17,435,453$ | $14,844,735$ | $13,463,600$ |  |
| Invested securities |  |  |  |  |
| $\quad$ lending collateral | $1,747,987$ | $1,894,493$ | $1,837,043$ |  |
| Property and equipment | 1,622 | 2,394 | 3,236 |  |
| Total assets | $19,429,998$ | $17,366,715$ | $15,598,897$ |  |


|  | Contributory System |  | Public Safety System |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | 2005 | 2004 | 2006 | 2005 | 2004 |
| 16,095 | 45,024 | 20,977 | 30,420 | 77,988 | 35,887 |
| 1,230,559 | 1,089,227 | 1,000,685 | 2,183,991 | 1,855,611 | 1,679,443 |
| 123,369 | 139,007 | 136,539 | 218,956 | 236,815 | 229,152 |
| 114 | 176 | 241 | 203 | 300 | 405 |
| 1,370,137 | 1,273,434 | 1,158,442 | 2,433,570 | 2,170,714 | 1,944,887 |

Liabilities:
Securities lending

| collateral liability <br> Investment accounts <br> and other payables | $1,747,987$ | $1,894,493$ | $1,837,043$ |
| :--- | ---: | ---: | ---: |
| Total liabilities | $\mathbf{1 , 8 6 3 , 5 2 8}$ | $1,579,783$ | 975,724 |
| Total net assets | $\$ 15,818,483$ | $13,892,439$ | $12,786,130$ |


| 123,369 | 139,007 | 136,539 |  | 218,956 | 236,815 | 229,152 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 131,352 | 115,902 | 72,510 |  | 233,122 | 197,448 | 121,692 |
| 254,721 | 254,909 | 209,049 |  | 452,078 | 434,263 | 350,844 |
| $1,115,416$ | $1,018,525$ | 949,393 |  | $1,981,492$ | $1,736,451$ | $1,594,043$ |

Changes in Fiduciary Net Assets - Pension Trust Funds

| Year Ended Dece | (dollars in Noncontributory System |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2006 | 2005 | 2004 |
| Additions: |  |  |  |  |
| Contributions | \$ | 463,067 | 426,612 | 383,486 |
| Investment income |  | 2,006,738 | 1,185,095 | 1,547,605 |
| Transfers from affiliated systems |  | 112 | - | 10,583 |
| Total additions |  | 2,469,917 | 1,611,707 | 1,941,674 |
| Deductions: |  |  |  |  |
| Pension benefits |  | 533,248 | 469,695 | 424,897 |
| Refunds |  | 2,763 | 3,189 | 3,029 |
| Administrative expenses |  | 7,862 | 7,557 | 7,758 |
| Transfers to affiliated systems |  | - | 24,957 | - |
| Total deductions |  | 543,873 | 505,398 | 435,684 |
| Increase in net assets |  | 1,926,044 | 1,106,309 | 1,505,990 |


|  | Contributory System |  | Public Safety System |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | 2005 | 2004 | 2006 | 2005 | 2004 |
| 20,271 | 20,657 | 18,587 | 75,033 | 66,132 | 61,357 |
| 144,012 | 88,388 | 117,340 | 250,813 | 148,071 | 192,784 |
| - | 19,565 | - | 3,284 | 4,257 | 4,002 |
| 164,283 | 128,610 | 135,927 | 329,130 | 218,460 | 258,142 |
| 58,546 | 57,100 | 56,992 | 82,499 | 74,041 | 66,329 |
| 1,789 | 1,800 | 2,945 | 562 | 1,026 | 960 |
| 576 | 578 | 618 | 1,028 | 985 | 978 |
| 6,481 | - | 15,787 | - | - | - |
| 67,392 | 59,478 | 76,342 | 84,089 | 76,052 | 68,267 |
| 96,891 | 69,132 | 59,585 | 245,041 | 142,408 | 189,876 |

Deductions from the Public Safety System net assets held in trust for benefits include retirement benefits and administrative expenses. For calendar year 2006, benefits amounted to $\$ 83.1$ million, an increase of $\$ 8.0$ million (10.6 percent) over calendar year 2005. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For calendar year

2006, the costs of administering the system totaled $\$ 1.0$ million, an increase of $\$ 43$ thousand ( 4.4 percent) from calendar year 2005.

An actuarial valuation of the Public Safety System assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system increased to 89.0

| 2006 | Firefighters System |  | 2006 | Judges System |  | Utah Governors and Legislators Retirement Plan |  |  | Total Defined Benefit Pension Plans |  |  | $\begin{array}{r} 2006 \\ \begin{array}{c} \text { Percent } \\ \text { Change } \end{array} \end{array}$ | $\begin{aligned} & 2005 \\ & \text { Percent } \\ & \text { Change } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2004 |  | 2005 | 2004 | 2006 | 2005 | 2004 | 2006 | 2005 | 2004 |  |  |
| 10,839 | 29,947 | 15,960 | 1,902 | 5,073 | 2,442 | 165 | 490 | 236 | 304,357 | 783,615 | 370,520 | (61.2)\% | 111.5\% |
| 856,397 | 734,111 | 670,439 | 141,487 | 121,152 | 111,060 | 13,431 | 12,117 | 11,673 | 21,861,318 | 18,656,953 | 16,936,900 | 17.2 | 10.2 |
| 85,858 | 93,688 | 91,478 | 14,185 | 15,462 | 15,153 | 1,346 | 1,547 | 1,593 | 2,191,701 | 2,381,012 | 2,310,958 | (8.0) | 3.0 |
| 79 | 118 | 161 | 13 | 20 | 27 | 1 | 2 | 3 | 2,032 | 3,010 | 4,073 | (32.5) | (26.1) |
| 953,173 | 857,864 | 778,038 | 157,587 | 141,707 | 128,682 | 14,943 | 14,156 | 13,505 | 24,359,408 | 21,824,590 | 19,622,451 | 11.6 | 11.2 |
| 85,858 | 93,688 | 91,478 | 14,185 | 15,462 | 15,153 | 1,346 | 1,547 | 1,593 | 2,191,701 | 2,381,012 | 2,310,958 | (8.0) | 3.0 |
| 93,539 | 78,114 | 48,581 | 15,103 | 12,892 | 8,046 | 1,434 | 1,290 | 846 | 2,338,078 | 1,985,429 | 1,227,399 | 17.8 | 61.8 |
| 179,397 | 171,802 | 140,059 | 29,288 | 28,354 | 23,199 | 2,780 | 2,837 | 2,439 | 4,529,779 | 4,366,441 | 3,538,357 | 3.7 | 23.4 |
| 773,776 | 686,062 | 637,979 | 128,299 | 113,353 | 105,483 | 12,163 | 11,319 | 11,066 | 19,829,629 | 17,458,149 | 16,084,094 | 13.6\% | 8.5\% |
|  | Firefighters System |  | Judges System |  |  | Utah Governors and Legislators Retirement Plan |  |  | Total Defined Benefit Pension Plans |  |  | 2006 | 2005 |
| 2006 | 2005 | 2004 | 2006 | 2005 | 2004 | 2006 | 2005 | 2004 | 2006 | 2005 | 2004 | Change | Change |
| 17,279 | 16,327 | 14,951 | 2,728 | 2,405 | 2,539 | - | - | - | 578,378 | 532,133 | 480,920 | 8.7\% | 10.6\% |
| 98,566 | 58,827 | 77,602 | 16,287 | 9,762 | 12,852 | 1,589 | 997 | 1,381 | 2,518,005 | 1,491,140 | 1.949,564 | 68.9 | (23.5) |
| 1,825 | 601 | 980 | 1,242 | 518 | 204 | 18 | 16 | 18 | 6,481 | 24,957 | 15,787 | (74.0) | 58.1 |
| 117,670 | 75,755 | 93,533 | 20,257 | 12,685 | 15,595 | 1,607 | 1,013 | 1,399 | 3,102,864 | 2,048,230 | 2,446,271 | 51.5 | (16.3) |
| 29,497 | 27,269 | 25,263 | 5,251 | 4,755 | 4,518 | 758 | 755 | 712 | 709,799 | 633,615 | 578,711 | 12.0 | 9.5 |
| 114 | 72 | 106 | - | - | - | - | - | 5 | 5,228 | 6,087 | 7,045 | (14.1) | (13.6) |
| 345 | 331 | 345 | 60 | 60 | 61 | 5 | 5 | 6 | 9,876 | 9,516 | 9,766 | 3.8 | (2.6) |
| - | - | - | - | - | - | - | - | - | 6,481 | 24,957 | 15,787 | (74.0) | 58.1 |
| 29,956 | 27,672 | 25,714 | 5,311 | 4,815 | 4,579 | 763 | 760 | 723 | 731,384 | 674,175 | 611,309 | 8.5 | 10.3 |
| 87,714 | 48,083 | 67,819 | 14,946 | 7,870 | 11,016 | 844 | 253 | 676 | 2,371,480 | 1,374,055 | 1,834,962 | 72.6\% | (25.1)\% |

percent from 88.3 percent at January 1, 2005. The amount by which the Public Safety System actuarial assets were under actuarial benefit liabilities was $\$ 201.4$ million at January 1,2006 , compared with being under funded by $\$ 201.9$ million at January 1, 2005. The increase in funded status as of the last actuarial valuation was a result of higher than expected investment returns over the previous three years.

## Firefighters System

The Firefighters System provides retirement benefits to covered firefighters of the State of Utah and local governments. Benefits of the system are funded by member and employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 amounted to $\$ 773.8$ million,
an increase of $\$ 87.7$ million ( 12.8 percent) from $\$ 686.1$ million at December 31, 2005.

Additions to the Firefighters System net assets held in trust for benefits consist of employer contributions, including insurance premium taxes, investment income and transfers. For calendar year 2006, member and employer contributions increased from $\$ 16.3$ million for calendar year 2005 to $\$ 17.3$ million, an increase of $\$ 952$ thousand ( 5.8 percent). Contributions increased because member contributions and insurance premium taxes increased. The system recognized a net investment gain of $\$ 98.6$ million for calendar year 2006 compared with net investment gain of $\$ 58.8$ million for calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

Deductions from the Firefighters System net assets held in trust for benefits include retirement benefits and administrative expenses. For calendar year 2006, benefits amounted to $\$ 29.6$ million, an increase of $\$ 2.3$ million ( 8.3 percent) over calendar year 2005. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For calendar year 2006, the costs of administering the system totaled \$345, an increase of $\$ 14$ thousand ( 4.2 percent) from calendar year 2005.

An actuarial valuation of the Firefighters System assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system decreased to 104.9 percent from 105.5 percent at January 1, 2005. The amount by which the Firefighters System actuarial assets were over actuarial benefit liabilities was $\$ 31.1$ million at January 1, 2006, compared with $\$ 31.8$ million at January 1, 2005. The decrease in funded status as of the last actuarial valuation was a result of negative actuarial experience.

## Judges System

The Judges System provides retirement benefits to judges in the State of Utah who are eligible to participate in the system. Benefits of the system are funded by employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 amounted to $\$ 128.3$ million, an increase of $\$ 14.9$ million (13.2 percent) from $\$ 113.4$ million at December 31, 2005.

Additions to the Judges System net assets held in trust for benefits consist of employer contributions, including court fees, investment income and transfers. For calendar year 2006, member and employer contributions increased from $\$ 2.4$ million for calendar year 2005 to $\$ 2.7$ million, an increase of $\$ 323$ thousand (13.4 percent). Contributions increased because the contribution rate and court fees increased. The system recognized a net investment gain of $\$ 1.2$ million for the calendar year 2006 compared with net investment gain of $\$ 9.8$ million for calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

Deductions from the Judges System net assets held in trust for benefits include retirement benefits and administrative expenses. For calendar year 2006, benefits amounted to $\$ 5.3$ million, an increase of $\$ 496$ thousand (10.4 percent) over calendar year 2005. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For calendar year 2006, the costs of administering the system totaled \$60 thousand, a slight increase over the preceding year.

An actuarial valuation of the Judges System assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system increased to 99.5 percent from 96.7 percent at January 1, 2005. The amount by which the Judges System actuarial assets were under actuarial benefit liabilities was $\$ 588$ thousand at January 1, 2006, compared with $\$ 3.4$ million over at January 1, 2005. The increase in funded status as of the last actuarial valuation was a result of higher than expected investment returns over the previous three years.

## Utah Governors and <br> Legislators Retirement Plan

The Governors and Legislators Retirement Plan provides retirement benefits to governors and legislators of the State of Utah. Benefits of the system are funded by employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2006 amounted to $\$ 12.2$ million, an increase of $\$ 844$ thousand ( 7.5 percent) from $\$ 11.3$ million at December 31, 2005.

Additions to the Governors and Legislative Retirement Plan net assets held in trust for benefits include investment income and transfers. No employer contributions were needed for this plan because of the current over funded status. The system recognized a net investment gain of $\$ 1.6$ million for calendar year 2006 compared with net investment gain of \$997 thousand for calendar year 2005. The increase in investment gain for 2006 compared to 2005 was due to the higher rate of return realized in 2006.

Deductions from the Governors and Legislators Retirement Plan net assets held in trust for benefits include retirement benefits and administrative expenses. For calendar year 2006, retirement benefits amounted to \$758 thousand, an increase of $\$ 3$ thousand ( 0.04 percent) from calendar year 2005. The increase in benefit payments was due to an increase in the number of benefit recipients. For calendar year 2006, the costs of administering the system totaled $\$ 5$ thousand, a slight increase over the preceding year.

An actuarial valuation of the Governors and Legislators Retirement Plan assets and benefit obligations is performed annually. At the date of the most recent actuarial valuation, January 1, 2006, the funded status of the system decreased to 118.0 percent from 122.0 percent at January 1, 2005. The amount by which the Governors and Legislators Retirement Plan actuarial assets were over actuarial benefit liabilities was $\$ 1.6$ million at January 1, 2006, compared with $\$ 1.9$ million at January 1, 2005. The decrease in funded status as of the last actuarial valuation was a result of the negative actuarial experience.

## Actuarial Valuations and Funding Progress

## Actuarial valuation of each defined benefit system is

 performed annually. At January 1, 2006, the date of the most recent actuarial valuation, the average funded ratio of the Systems was 93.2 percent. This was an increase from the Systems' January 1, 2005 valuation average funded ratio of 92.4 percent, an increase in funded status of 0.80 percent. As of December 31, 2006, the Systems' average funded ratio had increasedto 96.3 percent. This was an increase in the Systems' funded ratio of 3.1 percent for calendar year 2006. The funded ratio decrease for all systems was the result of negative actuarial experience.

At December 31, 2006 the Systems' unfunded actuarial accrued liability was $\$ 690.0$ million. This was a net decrease in the under funded position of $\$ 505.3$ million for the year. At December 31, 2006 the difference between the actuarial value of assets and market value of assets was $\$ 1.7$ billion in actuarially deferred gains. This was an increase of $\$ 693.4$ million in actuarially deferred gains from the $\$ 1.0$ billion in actuarially deferred gains at January 1, 2006. These actuarially deferred gains will be recognized by the actuary over the next four years.

## Analysis of the Defined Contribution Plans

## 401(k) Defined Contribution Plan

The 401(k) Plan is established under section 401(k) of the Internal Revenue Code. This plan provides supplemental retirement benefits for plan participants. The plan is funded by contributions and by investment earnings. The plan net assets held in trust for benefits at December 31, 2006 amounted to $\$ 2.4$ billion, an increase of \$284.1 million (13.5 percent) over net assets at December 31, 2005.

Additions to the 401(k) Plan net assets held in trust for benefits include contributions, rollovers, and investment income. For calendar year 2006, contributions increased from those of calendar year 2005 from \$182.7 million to $\$ 193.5$ million, an increase of $\$ 10.8$ million ( 5.9 percent). Contributions increased because of increased participation. The plan recognized a net investment gain of $\$ 226.7$ million for calendar year 2006 compared with a net investment gain of $\$ 142.8$ million for calendar year 2005.

Deductions from the 401(k) Plan net assets include participant and beneficiary refunds, and administrative expenses. For calendar year 2006, refunds amounted to $\$ 130.7$ million, an increase of $\$ 24.0$ million ( 22.5 percent) over calendar year 2005. The increase in refunds was due to an increase in withdrawals for calendar year 2006. For calendar year 2006, the costs of administering the plan amounted to $\$ 5.4$ million, an increase of $\$ 452$ thousand over calendar year 2005.

Benefit obligations of the $401(\mathrm{k})$ Defined Contribution Plan are equal to the member account balances, which are equal to net assets of the plan.

```
Defined Contribution
Plans Investment Option
Rates of Return for 2006
```



Defined Contribution
Comparative Annualized
Ratesof Return

| December 31, 2006 |  |  |
| :---: | :---: | :---: |
| Investment Option | 2006 | 2005 |
| Income Fund | 4.9\% | 4.2\% |
| Bond Fund. | 5.1 | 1.8 |
| Balanced Fund | 7.4 | 8.9 |
| Large Cap Stock Value Fund. | 18.4 | 9.2 |
| Large Cap Stock Index Fund | 15.5 | 4.6 |
| Large Cap Stock Growth Fund | 0.5 | 15.7 |
| International Fund | 20.3 | 19.8 |
| Small Cap Stock Fund. | 16.4 | 5.8 |
| Short Horizon Fund | 7.1 | 3.4 |
| Medium Horizon Fund | 10.6 | 7.2 |
| Long Horizon Fund | 13.6 | 9.6 |
| HRA Fund | 4.6 | - |
| Group Annuity Fund | 4.8 | 4.7 |

## 457 Defined Contribution Plan

The 457 Plan is established under Section 457(b) of the Internal Revenue Code. This plan provides supplemental retirement benefits for plan participants. The plan is funded by contributions and by investment earnings. The plan net assets held in trust for benefits at December 31, 2006 amounted to $\$ 258.8$ million, an increase of $\$ 28.8$ million (12.5 percent) over net assets at December 31, 2005.

Additions to the 457 Plan net assets held in trust for benefits include contributions and investment income. For calendar year 2006, contributions increased from those of calendar year 2005 from $\$ 22.0$ million to $\$ 23.3$ million or an increase of $\$ 1.3$ million ( 5.7 percent). Contributions increased because of increased participation. The plan recognized a net investment gain of $\$ 24.2$ million for calendar year 2006 compared with a net investment gain of $\$ 14.9$ million for the calendar year 2005.

Deductions from the 457 Plan net assets include participant and beneficiary refunds and administrative expenses. For calendar year 2006, refunds amounted to $\$ 18.1$ million, a decrease of $\$ 1.5$ million ( 7.6 percent) over calendar year 2005. The decrease in refunds was due to a decrease in withdrawals for calendar year 2006. For calendar year 2006, the costs of administering the plan amounted to $\$ 570$ thousand, an increase of $\$ 39$ thousand over calendar year 2005.

Benefit obligations of the 457 Defined Contribution Plan are equal to the member account balances, which are equal to net assets of the plan.


## Roth IRA Plan

The Roth IRA is a "deemed IRA" authorized by section 408(q) of the Internal Revenue Code, and governed by section 408A of the code. This plan allows participants to make after-tax contributions, while the earnings may be withdrawn tax-free (for qualified distributions). The plan net assets held in trust for benefits at December 31, 2006 amounted to $\$ 3.6$ million, an increase of $\$ 2.6$ million (249.4 percent) over net assets at December 31, 2005.

Additions to the Roth IRA Plan include contributions, transfers from other Roth IRAs, conversions from traditional IRAs, and investment earnings. For calendar year 2006, contributions increased from those of calendar year 2005 from $\$ 1.0$ million to $\$ 2.4$ million ( 133.5 percent). Contributions increased because of increased participation. The plan recognized a net investment gain of $\$ 283$ thousand for calendar year 2006 compared with a net investment gain of $\$ 53$ thousand for calendar year 2005.

Deductions from the Roth IRA Plan net assets include participant and beneficiary refunds and administrative expenses. For calendar year 2006, refunds amounted to $\$ 67$ thousand, an increase of $\$ 34$ thousand ( 103.0 percent) over calendar year 2005. For calendar year 2006, the costs of administering the plan amounted to $\$ 6$ thousand, an increase of $\$ 6$ thousand over calendar year 2005.

## Traditional IRA Plan

The traditional IRA is a "deemed IRA" authorized by section $408(q)$ of the Internal Revenue Code, and governed by section 408 of the code. This plan allows participants to make after-tax contributions and possibly deduct all or a portion of the contributions from their current taxable income. This plan also allows participants to consolidate many other eligible plan assets when they become eligible for rollover (such as 401(k), 457, and other IRAs). Participants may also convert traditional IRA

## Fiduciary Net Assets - Defined Contribution PIans

December 31
(dollars in thousands)

|  | 401(k) Plan |  |  |
| :---: | :---: | :---: | :---: |
|  | 2006 | 2005 | 2004 |
| Assets: |  |  |  |
| Cash and receivables | \$ 54,022 | 49,922 | 39,360 |
| Investments at fair value | 2,339,209 | 2,058,768 | 1,854,016 |
| Invested securities lending collateral | 58,796 | 68,422 | 52,879 |
| Total assets | 2,452,027 | 2,177,112 | 1,946,255 |

Liabilities:

| Securities lending liability | 58,796 | 68,422 | 52,879 | 5,204 | 5,553 | 5,315 | 115 | 25 | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment accounts and other payables | 4,675 | 4,228 | 2,821 | 255 | 505 | 250 | - | - | - |
| Total liabilities | 63,471 | 72,650 | 55,700 | 5,459 | 6,058 | 5,565 | 115 | 25 | - |
| Total net assets | \$2,388,556 | 2,104,462 | 1,890,555 | 258,815 | 230,031 | 213,271 | 3,588 | 1,027 | - |

## Changes in Fiduciary Net Assets -

Year Ended December 31
(dollars in thousands)

|  |  | 401(k) Plan |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2006 | 2005 | 2004 |
| Additions: |  |  |  |  |
| Contributions | \$ | 193,515 | 182,744 | 170,958 |
| Investment income |  | 226,668 | 142,760 | 152,410 |
| Total additions |  | 420,183 | 325,504 | 323,368 |
| Deductions: |  |  |  |  |
| Refunds |  | 130,718 | 106,678 | 81,611 |
| Administrative expenses |  | 5,371 | 4,919 | 4,577 |
| Total deductions |  | 136,089 | 111,597 | 86,188 |
| Increase in net assets | \$ | 284,094 | 213,907 | 237,180 |


|  |  | 457 Plan | Roth IRA Plan |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | 2005 | 2004 | 2006 | 2005 | 2004 |
| 23,282 | 22,033 | 17,368 | 2,351 | 1,007 | - |
| 24,210 | 14,891 | 17,118 | 283 | 53 | - |
| 47,492 | 36,924 | 34,486 | 2,634 | 1,060 | - |
| 18,138 | 19,633 | 16,937 | 67 | 33 | - |
| 570 | 531 | 497 | 6 | - | - |
| 18,708 | 20,164 | 17,434 | 73 | 33 | - |
| 28,784 | 16,760 | 17,052 | 2,561 | 1,027 | - |

funds into a Roth IRA. The plan net assets held in trust for benefits at December 31, 2006 amounted to $\$ 12.4$ million, an increase of $\$ 5.9$ million ( 89.6 percent) over net assets at December 31, 2005.

Additions to the traditional IRA Plan include contributions, rollovers, and investment earnings. For calendar year 2006, contributions decreased from those of calendar year 2005 from $\$ 6.5$ million to $\$ 6.1$ million ( 7.0 percent). Contributions decreased because of decreased rollovers. The plan recognized a net investment gain of $\$ 1.1$ million
for calendar year 2006 compared with a net investment gain of \$353 thousand for calendar year 2005.

Deductions from the traditional IRA Plan net assets include participant and beneficiary refunds and administrative expenses. For calendar year 2006, refunds amounted to $\$ 1.2$ million, an increase of $\$ 917$ thousand (291.1 percent) over calendar year 2005. For calendar year 2006, the costs of administering the plan amounted to $\$ 26$ thousand, an increase of $\$ 17$ thousand over calendar year 2005 .

Management's Discussion and Analysis (Continued)

| 2006 | Traditional IRA Plan |  | Health Reimbursement Arrangement (HRA) |  |  | Total Defined Contribution Plans |  |  | $\begin{gathered} 2006 \\ \begin{array}{c} 20 r c e n t \\ \text { Penange } \end{array} \\ \hline \end{gathered}$ | $\begin{array}{r} 2005 \\ \begin{array}{l} \text { Percent } \\ \text { Change } \end{array} \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005 | 2004 | 2006 | 2005 | 2004 | 2006 | 2005 | 2004 |  |  |
| 5 | 11 | - | 20 | - | - | 57,590 | 54,005 | 41,219 | 6.6\% | 31.0\% |
| 12,438 | 6,547 | - | 109 | - | - | 2,610,871 | 2,292,806 | 2,065,678 | 13.9 | 11.0 |
| 521 | 119 | - | - | - | - | 64,636 | 74,119 | 58,194 | (12.8) | 27.4 |
| 12,964 | 6,677 | - | 129 | - | - | 2,733,097 | 2,420,930 | 2,165,091 | 12.9 | 11.8 |
| 521 | 119 | - | - | - | - | 64,636 | 74,119 | 58,194 | (12.8) | 27.4 |
| 15 | 2 | - | - | - | - | 4,945 | 4,735 | 3,071 | 4.4 | 54.2 |
| 536 | 121 | - | - | - | - | 69,581 | 78,854 | 61,265 | (11.8) | 28.7 |
| 12,428 | 6,556 | - | 129 | - | - | 2,663,516 | 2,342,076 | 2,103,826 | 13.7\% | 11.3\% |
|  | Traditional IRA Plan |  | Health Reimbursement Arrangement (HRA) |  |  | Total Defined Contribution Plans |  |  | 2006 | 2005 |
| 2006 | 2005 | 2004 | 2006 | 2005 | 2004 | 2006 | 2005 | 2004 | Change | Change |
| 6,069 | 6,527 | - | 161 | - | - | 225,378 | 212,311 | 188,326 | 6.2\% | 12.7\% |
| 1,061 | 353 | - | 2 | - | - | 252,224 | 158,057 | 169,528 | 59.6 | (6.8) |
| 7,130 | 6,880 | - | 163 | - | - | 477,602 | 370,368 | 357,854 | 29.0 | 3.5 |
| 1,232 | 315 | - | 34 | - | - | 150,189 | 126,659 | 98,548 | 18.6 | 28.5 |
| 26 | 9 | - | - | - | - | 5,973 | 5,459 | 5,074 | 9.4 | 7.6 |
| 1,258 | 324 | - | 34 | - | - | 156,162 | 132,118 | 103,622 | 18.2 | 27.5 |
| 5,872 | 6,556 | - | 129 | - | - | 321,440 | 238,250 | 254,232 | 34.9\% | (6.3)\% |

## Health Reimbursement Arrangement

New in 2006 was the creation and implementation of a Health Reimbursement Arrangement (HRA) for retiring state employees. The HRA is a tax-advantaged health savings plan funded by employer contributions to help employees pay for qualified health care expenses incurred after retirement.

This plan was implemented during calendar year 2006 and the plan's net assets held in trust for benefits at December 31, 2006 amounted to $\$ 129$ thousand.

## Utah Retirement Systems

## Basic Financial Statements

## Statements of Fiduciary Net Assets- <br> Pension (and Other Employee Benefit) Trust Funds

December 31, 2006
With Comparative Totals
for December 31, 2005
(in thousands)

| for December 31, 2005 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Noncontributory System | Contributory System | Public Safety System | Firefighters System | Judges System | Utah Governors and Legislators Retirement Plan |
| Assets: |  |  |  |  |  |  |
| Cash | \$ 2,427 | 2 | 15 | 2 | 1 | 1 |
| Receivables: |  |  |  |  |  |  |
| Member contributions | - | 422 | 238 | 361 | - | - |
| Employer contributions | 29,237 | 618 | 3,452 | - | 46 | - |
| Court fees and fire insurance tax | - | - | - | - | 124 | - |
| Investments | 213,272 | 15,053 | 26,715 | 10,476 | 1,731 | 164 |
| Total receivables | 242,509 | 16,093 | 30,405 | 10,837 | 1,901 | 164 |
| Investments at fair value: |  |  |  |  |  |  |
| Short term securities, domestic | 1,640,866 | 115,809 | 205,538 | 80,597 | 13,316 | 1,264 |
| Short term securities, international | 83,841 | 5,917 | 10,502 | 4,118 | 680 | 65 |
| Debt securities, domestic | 2,885,835 | 203,678 | 361,483 | 141,747 | 23,419 | 2,223 |
| Debt securities, international | 749,280 | 52,882 | 93,856 | 36,803 | 6,080 | 577 |
| Equity investments, domestic | 5,114,861 | 360,996 | 640,694 | 251,231 | 41,507 | 3,940 |
| Equity investments, international | 2,704,389 | 190,870 | 338,757 | 132,835 | 21,946 | 2,083 |
| Absolute return | 955,173 | 67,414 | 119,647 | 46,917 | 7,751 | 736 |
| Private equity | 640,101 | 45,177 | 80,179 | 31,440 | 5,194 | 493 |
| Real estate | 2,655,646 | 187,430 | 332,650 | 130,441 | 21,550 | 2,046 |
| Mortgage loans | 5,461 | 386 | 685 | 268 | 44 | 4 |
| Investment contracts | - | - | - | - | - | - |
| Total investments | 17,435,453 | 1,230,559 | 2,183,991 | 856,397 | 141,487 | 13,431 |
| Invested securities lending collateral | 1,747,987 | 123,369 | 218,956 | 85,858 | 14,185 | 1,346 |
| Property and equipment at cost, net of accumulated depreciation | 1,622 | 114 | 203 | 79 | 13 | 1 |
| Total assets | 19,429,998 | 1,370,137 | 2,433,570 | 953,173 | 157,587 | 14,943 |


| Liabilities: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Securities lending collateral liability | 1,747,987 | 123,369 | 218,956 | 85,858 | 14,185 | 1,346 |
| Disbursements in excess of cash balance | 17,974 | 1,268 | 2,251 | 883 | 146 | 14 |
| Compensated absences, post employment benefits and insurance reserve | 11,080 | 782 | 1,388 | 544 | 90 | 9 |
| Investment accounts payable | 818,992 | 57,632 | 102,283 | 42,233 | 6,626 | 629 |
| Real estate liabilities | 1,015,482 | 71,670 | 127,200 | 49,879 | 8,241 | 782 |
| Total liabilities | 3,611,515 | 254,721 | 452,078 | 179,397 | 29,288 | 2,780 |

Net assets held in trust for pension benefits
(see supplemental schedules
$\begin{array}{lllllll}\text { of funding progress, page 68) } & \$ 15,818,483 & 1,115,416 & 1,981,492 & 773,776 & 128,299 & 12,163\end{array}$
The accompanying notes are an integral part of the financial statements.

| Defined Benefit <br> Pension Plans <br> Total Defined <br> Benefit <br> Pension Plans | 401(k) Plan | 457 Plan | $\begin{array}{r} \text { Roth } \\ \text { IRA Plan } \end{array}$ | Traditional IRA Plan | Defined Contribution Plans |  | Total Pension Trust Funds |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Health <br> Reimbursement Arrangement | Total Defined Contribution Plans |  |  |
|  |  |  |  |  |  |  | 2006 | 2005 |
| 2,448 | 5,596 | 446 | 30 | 5 | 20 | 6,097 | 8,545 | 8,088 |
| 1,021 | - | - | - | - | - | - | 1,021 | 976 |
| 33,353 | - | - | - | - | - | - | 33,353 | 28,977 |
| 124 | - | - | - | - | - | - | 124 | 142 |
| 267,411 | 48,426 | 3,067 | - | - | - | 51,493 | 318,904 | 799,437 |
| 301,909 | 48,426 | 3,067 | - | - | - | 51,493 | 353,402 | 829,532 |
| 2,057,390 | - | - | - | - | 109 | 109 | 2,057,499 | 1,172,613 |
| 105,123 | - | - | - | - | - | - | 105,123 | 151,274 |
| 3,618,385 | 741,381 | 79,540 | 917 | 4,920 | - | 826,758 | 4,445,143 | 4,204,973 |
| 939,478 | - | - | - | - | - | - | 939,478 | 865,295 |
| 6,413,229 | 1,266,084 | 130,831 | 1,992 | 5,495 | - | 1,404,402 | 7,817,631 | 7,614,105 |
| 3,390,880 | 301,944 | 31,068 | 649 | 2,023 | - | 335,684 | 3,726,564 | 3,922,554 |
| 1,197,638 | - | - | - | - | - | - | 1,197,638 |  |
| 802,584 | - | - | - | - | - | - | 802,584 | 611,589 |
| 3,329,763 | - | - | - | - | - | - | 3,329,763 | 2,353,273 |
| 6,848 | - | - | - | - | - | - | 6,848 | 6,864 |
| - | 29,800 | 14,118 | - | - | - | 43,918 | 43,918 | 47,219 |
| 21,861,318 | 2,339,209 | 255,557 | 3,558 | 12,438 | 109 | 2,610,871 | 24,472,189 | 20,949,759 |
| 2,191,701 | 58,796 | 5,204 | 115 | 521 | - | 64,636 | 2,256,337 | 2,455,131 |
| 2,032 | - | - | - | - | - | - | 2,032 | 3,010 |
| 24,359,408 | 2,452,027 | 264,274 | 3,703 | 12,964 | 129 | 2,733,097 | 27,092,505 | 24,245,520 |
| 2,191,701 | 58,796 | 5,204 | 115 | 521 | - | 64,636 | 2,256,337 | 2,455,131 |
| 22,536 | 515 | 71 | - | 5 | - | 591 | 23,127 | 14,094 |
| 13,893 | - | - | - | - | - | - | 13,893 | 11,629 |
| 1,028,395 | 4,160 | 184 | - | 10 | - | 4,354 | 1,032,749 | 1,103,089 |
| 1,273,254 | - | - | - | - | - | - | 1,273,254 | 861,352 |
| 4,529,779 | 63,471 | 5,459 | 115 | 536 | - | 69,581 | 4,599,360 | 4,445,295 |
| 19,829,629 | 2,388,556 | 258,815 | 3,588 | 12,428 | 129 | 2,663,516 | 22,493,145 | 19,800,225 |

## Utah Retirement Systems

## Basic Financial Statements <br> Statements of Changes in Fiduciary Net AssetsPension (and Other Employee Benefit) Trust Funds

Year Ended December 31, 2006 With Comparative Totals for Year Ended December 31, 2005
(inthousands)

| Noncontributory |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| System | Contributory <br> System | Public Safety <br> System | Firefighters <br> System | Judges <br> System | | Utah Governors |
| ---: |
| and Legislators |
| Retirement Plan |

Additions:

| Contributions: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Member | \$ 22,646 | 9,534 | 4,567 | 7,761 | 10 | - |
| Employer | 440,421 | 10,737 | 70,466 | - | 995 | - |
| Court fees and fire insurance tax | - | - | - | 9,518 | 1,723 | - |
| Total contributions | 463,067 | 20,271 | 75,033 | 17,279 | 2,728 | - |
| Investment income: |  |  |  |  |  |  |
| Net appreciation in fair value of investments | 1,616,573 | 116,013 | 202,046 | 79,402 | 13,121 | 1,280 |
| Interest, dividends and other investment income | 428,782 | 30,771 | 53,593 | 21,061 | 3,480 | 339 |
| Total income from investment activity | 2,045,355 | 146,784 | 255,639 | 100,463 | 16,601 | 1,619 |
| Less investment expenses | 44,441 | 3,190 | 5,553 | 2,183 | 361 | 35 |
| Net income from investment activity | 2,000,914 | 143,594 | 250,086 | 98,280 | 16,240 | 1,584 |
| Income from security lending activity | 5,824 | 418 | 727 | 286 | 47 | 5 |
| Net investment income | 2,006,738 | 144,012 | 250,813 | 98,566 | 16,287 | 1,589 |
| Transfers from affiliated systems | 112 | - | 3,284 | 1,825 | 1,242 | 18 |
| Total additions | 2,469,917 | 164,283 | 329,130 | 117,670 | 20,257 | 1,607 |
| Deductions: |  |  |  |  |  |  |
| Retirement benefits | 450,659 | 39,635 | 69,721 | 23,122 | 4,167 | 594 |
| Cost of living benefits | 82,589 | 18,002 | 12,237 | 5,806 | 1,084 | 164 |
| Supplemental retirement benefits | - | 909 | 541 | 569 | - | - |
| Refunds | 2,763 | 1,789 | 562 | 114 | - | - |
| Administrative expenses | 7,862 | 576 | 1,028 | 345 | 60 | 5 |
| Transfers to affiliated systems | - | 6,481 | - | - | - | - |
| Total deductions | 543,873 | 67,392 | 84,089 | 29,956 | 5,311 | 763 |
| Increase from operations | 1,926,044 | 96,891 | 245,041 | 87,714 | 14,946 | 844 |
| Net assets held in trust for pension benefits beginning of year | 13,892,439 | 1,018,525 | 1,736,451 | 686,062 | 113,353 | 11,319 |
| Net assets held in trust for pension benefits end of year | \$15,818,483 | 1,115,416 | 1,981,492 | 773,776 | 128,299 | 12,163 |

The accompanying notes are an integral part of the financial statements.
$\left.\begin{array}{rrrrrrrrr}\begin{array}{r}\text { Defined Benefit } \\ \text { Pension Plans }\end{array} & & & & & \text { Defined Contribution Plans }\end{array}\right)$

## Notes to the Basic Financial Statements



December 31, 2006

Note 1 -

## Description of Systems and Plans

A brief description of the Utah Retirement Systems
(Systems) and 401(k), 457, Roth and Traditional IRA
Plans (Plans), and Health Reimbursement Arrangement (HRA) follows. For a more complete description of plan provisions, membership and benefit statistics, see the Systems Highlights on pages 12 through 24 and Summaries of Plan Provisions on pages 122 through 129.

## A) General Information and Reporting Entity

General - The Utah Retirement Systems are comprised of the following pension trust funds:
i) the Public Employees Noncontributory Retirement System (Noncontributory System); the Public Employees Contributory Retirement System (Contributory System); and the Firefighters Retirement System which are multiple-employer, cost sharing, public employee retirement systems;
ii) the Public Safety Retirement System which is a mixed agent and cost-sharing, multiple-employer retirement system;
iii) the Judges Retirement System and the Utah Governors and Legislators Retirement Plan which are single employer service employee retirement systems; and
iv) five defined contribution plans comprised of the 401(k) Plan, 457 Plan, Roth and Traditional IRA Plans, and HRA:

These Systems and Plans cover employees of the State of Utah and participating local government and public education entities.

Reporting Entity - These basic financial statements cover all of the foregoing retirement systems and defined contribution plans administered by the Utah State Retirement Board (Board), the sole governing body for these Systems and Plans.

The Systems are established and governed by the respective sections of Title 49 of the Utah Code Annotated 1953, as amended. The Systems' defined benefit plans are amended statutorily by the State Legislature. The Utah State Retirement Office Act in Title 49 provides for the administration of the Systems and Plans under the direction of the Board, whose members are appointed by the Governor. The Plans are established under the authority of the same sections of the Utah Code Annotated 1953, as amended, as well as under Sections 401(k), 457, 408 and 408A of the Internal Revenue Code. The Plans may be amended by the Board within the parameters of the Internal Revenue Code. The Systems and Plans are fiduciary funds defined as pension (and other employee benefit) trust funds. Utah Retirement Systems are a component unit of the State of Utah.

# Utah Retirement Systems 

Notes to Basic Financial Statements
(Continued)
December 31, 2006

Summaryof Benefitsby System

|  | Noncontributory System | Contributory System | Public Safety <br> System Firefighters <br> System | Judges System |
| :---: | :---: | :---: | :---: | :---: |
| Final average salary is | Highest 3 years | Highest 5 years | Highest 3 years | Highest 2 years |
| Years of service required and/or age eligible for benefit | 30 years any age 25 years any age* 20 years age 60* 10 years age 62* 4 years age 65 | 30 years any age <br> 20 years age 60* <br> 10 years age 62* <br> 4 years age 65 | 20 years any age 10 years age 60 4 years age 65 | 25 years any age <br> 20 years age 55* <br> 10 years age 62 <br> 6 years age 70 |
| Benefit percent per year of service** | 2.0\% per year all years | 1.25\% per year to June 1975 <br> 2.00\% per year July 1975 to present | 2.5\% per year up to 20 years <br> 2.0\% per year over 20 years <br> Benefit cannot exceed 70\% of final average salary | 5.00\% first 10 years <br> 2.25\% second 10 years <br> 1.00\% over 20 years <br> Benefit cannot exceed $75 \%$ of final average salary |

Note: The Utah Governors and Legislators Retirement Plan benefits are explained in the second paragraph following this table.

* With actuarial reductions.
${ }^{* *}$ For members and retirees in the systems, prior to January 1, 1990, there may be a $3 \%$ benefit enhancement.


## B) Retirement and Death Benefits

Retirement Systems' benefits are specified by the statute listed in note 1 (A). The Retirement Systems are defined benefit plans wherein benefits are based on age and/or years of service and highest average salary. Various plan options within the Systems may be selected by retiring members. Some options require actuarial reductions based on attained age, age of spouse and similar actuarial factors. A brief summary of eligibility and benefits of the various Systems is shown in the table above.

The Utah Governors and Legislators Retirement Plan provides the following benefits. Former governors at age 65 receive $\$ 1,140$ per month per term. Legislators receive a benefit at age 65 with four or more years of service at the rate of $\$ 25.20$ per month per year of service. Retirement at age 62 with ten or more years of service will receive an actuarial reduction. Both the governors' and legislators' benefits are adjusted based on the CPI limited to $4 \%$ of the base benefit per year.

Death benefits for active and retired employees are in accordance with retirement statutes. Upon termination of employment, members of the Systems may leave their
retirement account intact for future benefits based on vesting qualification or withdraw the accumulated funds in their individual member account and forfeit service credits and rights to future benefits upon which the contributions were based.

## C) Defined Contribution Plans

The 401(k), 457, Roth and Traditional IRA Plans, and HRA administered by the Board are defined contribution plans. These Plans are available as supplemental plans to the basic retirement benefits of the Retirement Systems. Contributions may be made into the Plans subject to plan and Internal Revenue Code limitations by employees of employers sponsoring the Plans. Employer contributions may be made into the $401(\mathrm{k})$ and 457 Plans at rates determined by the employers and according to Utah Title 49. There are 354 employers participating in the 401(k) Plan and 154 employers participating in the 457 Plan. There are 132,383 plan participants in the 401(k) Plan, 14,937 participants in the 457 Plan, 714 participants in the Roth IRA Plan, 242 participants in the Traditional IRA Plan, and 183 in the HRA.

Utah Retirement Systems
Notes to Basic Financial Statements
(Continued)
December 31, 2006

Participating Members by System

|  | Noncontributory <br> System | Contributory <br> System | Public Safety <br> System | Firefighters <br> System | Judges <br> System | Utah Governors <br> and Legislators <br> Retirement Plan |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Number of participating: | 409 | 161 | 123 | 52 | 1 | 1 |
| Employers |  |  |  |  |  |  |
| Members: | 87,219 | 3,010 | 7,474 | 1,684 | 106 | 96 |
| Active | 27,273 | 1,448 | 1,469 | 99 | 10 | 95 |
| $\quad$ Terminated vested |  |  |  |  |  |  |
| Retirees and beneficiaries: | 28,154 | 5,852 | 3,449 | 1,013 | 89 | 222 |
| $\quad$ Service benefits | - | 3 | 14 | 72 | - | - |
| Disability benefits |  |  |  |  |  |  |

After termination of employment, benefits are paid out to individuals in lump-sum, or as periodic benefit payments, at the option of the participant based on individual account balances and plan provisions. The defined contribution Plans account balances are fully vested to the participants at the time of deposit.

Investments in the defined contribution Plans are individually directed and controlled by plan participants who direct the investment of their funds among several investment options of varying degrees of risk and earnings potential. Participants may transfer their funds between these options no more frequently than every seven days. There is also a $2 \%$ trading fee for investment transfers between core fund options more frequently than every thirty days. Investments of the Plans are reported at fair value.

## D) Contributions

As a condition of participation in the Systems, employers and/or employees are required to contribute certain percentages of salaries and wages as authorized by statute and specified by the Board. Employee contributions may be paid in part or in whole by the employer. Contributions in some Systems are also augmented by fees or insurance premium taxes. Contribution rates are listed in note 6.

Employee (member) contributions are placed into member accounts, and in systems where it is authorized, interest is credited to member accounts. Upon termination of employment, a member may withdraw their account balance, including interest which has been credited. Upon withdrawal a member forfeits the service credit which corresponds to the member contributions withdrawn. The noncontributory retirement systems have no member contributions flowing into them. However, where members had a balance transferred in or purchased service credit in the system, these balances and on-going interest, where authorized, are credited to individual member accounts which may be withdrawn upon the termination of employment.

In the $401(k)$ and 457 defined contribution plans, voluntary deferral of compensation within the limits of plan provisions may be made by employees. In addition to employee voluntary deferrals, employer contributions may be made into the Plans in behalf of employees. The recognition of deferred compensation, employer contributions and earnings on the accounts are deferred for income tax purposes until actually paid to the participant or beneficiary. The employee may also contribute to the Roth and traditional deemed IRAs where earnings may grow tax deferred and possibly tax free.

## E) Covered Employees

The Public Employees Noncontributory Retirement System (Noncontributory System) was established on July 1, 1986. All eligible employees of the State and school entities hired subsequent to that date are automatically members of the Noncontributory System. Local government entities had the option of adopting the new System or remaining with the Contributory System. All Contributory System members whose employers adopted the Noncontributory System were given the opportunity to transfer to the new System during limited window periods. All eligible new hires subsequent to adoption of the noncontributory plans are automatically members of that plan.

The Public Employees Contributory Retirement System (Contributory System) includes eligible public employees of the State of Utah and its political subdivisions including public education employees of those entities covered by the System. Members of this System are those who did not elect to transfer to the Public Employees Noncontributory Retirement System during the period when they were eligible to transfer or whose employers are not participants in the Noncontributory System.

The Public Safety Retirement System includes eligible state and local government employees directly involved in law enforcement (e.g., game wardens, prison guards, police officers and highway patrol officers). The Public Safety System consists of both contributory and noncontributory divisions. The noncontributory divisions were authorized by the Legislature effective July 1, 1989.

The Firefighters Retirement System includes eligible state and local government employees directly involved in fire fighting.

The Judges Retirement System includes justices and judges of the court as authorized by State Statutes.

The Utah Governors and Legislators Retirement Plan includes only governors and legislators of the State.

The Defined Contribution Plans may be utilized by employers adopting the Plans and by their employees.

At December 31, 2006 participating members by System are included in the table on page 48.


Note 2 -

## Summary of Significant Accounting Policies

The following are the significant accounting policies followed by the Systems and Plans:

## A) Method of Accounting

The Systems maintain records and accounts, and prepare financial statements using fund accounting principles and the accrual basis of accounting, under which benefits and expenses are recognized when due and payable and revenues are recorded in the accounting period in which they are earned and become measurable in accordance with the terms of each system and plan.

Utah Retirement Systems adhere to Governmental Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, GASB Statement No. 34, Basic Financial Statements and Management's Discussion and Analysis - for State and Local Governments, GASB Statement No. 37, Basic Financial Statements - and Management's Discussion and Analysis — or State and Local Governments:
Omnibus, GASB Statement No. 38, Certain Financial Statement Note Disclosures, GASB Statement No. 40,

## Utah Retirement Systems

Notes to Basic Financial Statements
(Continued)
December 31, 2006

Deposit and Investment Risk Disclosures, GASB Statement No. 44, Economic Condition Reporting: The Statistical Section, and GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions. Investments are presented at fair value. The actuarial accrued liability under the entry age actuarial funding method is presented in the Required Supplementary Information on page 68.

## B) Investments

By state statute all of the investment assets of the various Systems are pooled and invested in the common Pension Investment Trust Fund (Investment Fund). Each of the Systems has equity in the Investment Fund based on funds contributed and earnings allocated. Earnings of the Investment Fund are allocated based on the average month-end balances of each of the respective Systems. Individual investments in the Investment Fund are not specifically identified to the respective Systems (see note 3). For financial statement presentation, the Investment Fund assets, liabilities, revenues and expenses have been allocated to and presented in each respective system in the basic financial statements as required for investment pools.

Investments are presented at fair value and by investment manager classification. The fair value of investments is based on published market prices and quotations from major investment brokers at current exchange rates, as available. Many factors are considered in arriving at that value. Corporate debt securities are valued based on yields currently available on comparable securities of issuers with similar credit ratings.

Mortgages have been valued on an amortized cost basis which approximates market or fair value. The fair value of real estate investments has been estimated based on independent appraisals. Short term investments are reported at market value when published market prices and quotations are available, or at cost plus accrued interest, which approximates market or fair value. For investments where no readily ascertainable market value exists, management, in consultation with their investment advisors, have determined the fair values for the individual investments.

Approximately $11 \%$ of the net assets held in trust for pension benefits are invested in debt securities of the U.S. Government and its instrumentalities. Of the $11 \%$, approximately $3 \%$ are U.S. Government debt securities and approximately $8 \%$ are debt securities of the U.S. Government instrumentalities. The Systems and Plans have no investments of any commercial or industrial organization whose market value equals $5 \%$ or more of the Systems' net assets held in trust for pension benefits.

## C) Property and Equipment

Property and equipment are recorded at cost (see note 4), are depreciated utilizing the straight-line method, and are included in the assets of the Investment Fund. The schedule below summarizes the estimated useful life by class. The Systems policy is to capitalize all acquisitions of furniture and equipment with a unit cost of $\$ 1,000$ or more.

```
Buildings ........................................................... }40\mathrm{ years
Building improvements........................................ }10\mathrm{ years
Furniture and equipment.................................3-10 years
```


## D) Administrative Expenses

Expenses for the administration of the Systems and Plans are budgeted and approved by the Board. Systems expenses are paid from investment earnings. Plan expenses are paid from Plan assets.

## E) Federal Tax Status

The Systems and Plans are exempt from Federal income taxes under the Internal Revenue Code.

## F) Use of Estimates

Management of the Systems and Plans have made a number of estimates and assumptions relating to the reporting of assets and liabilities and the disclosure of contingent assets and liabilities to prepare these financial statements in conformity with accounting principles generally accepted in the United States of America. Actual results could differ from these estimates.

## Deposits and Investment Risk Disclosures



## A) Deposits

Custodial Credit Risk for Deposits is the risk that in the event of a bank failure, the Systems' and Plans' deposits may not be returned to them. The deposits are held in one financial institution with an insured balance of $\$ 100,000$. The deposits in the bank in excess of $\$ 100,000$ are uninsured and uncollateralized. Deposits are not collateralized nor are they required to be by state statue. The Systems and Plans do not have a deposit policy for custodial credit risk. Deposits are presented in the basic financial statements at cost plus accrued interest which is also the market or fair value.

At December 31, 2006, the carrying amount of deposits totaled approximately $\$(14,582,000)$ and the corresponding bank balance was $\$ 1,333,597$ of which \$1,233,597 was exposed to custodial credit risk.

## Cash Deposits

(inthousands)

## Cash

\$ 8,545
Disbursements in excess of cash balances
Total
$\$(14,582)$

## B) Investments

The bottom left table on page 52 shows the Systems' and Plans' investments by investment type.

## C) Credit Risk Debt Securities:

The Systems and Plans expect its domestic debt securities investment managers to maintain diversified portfolios by sector and by issuer by using the following guidelines:

- U.S. Government and Agency Securities - no restriction.
- Total portfolio quality shall maintain a minimum overall rating of " $A$ " (S\&P) or equivalent rating.
- Securities with a quality rating of below BBB- are considered below investment grade. No more than $5 \%$ of an investment manager's assets at market with a single issuer of $1 \%$ of the total portfolio can be below investment grade.
- Upon approval, a domestic debt securities investment manager may invest up to $10 \%$ of the portfolio in non-U.S. dollar denominated bonds.
- Upon approval, the international debt securities investment managers may hold up to $25 \%$ of the market value of their portfolios in securities rated below investment grade (S\&P index BBB- or Moody's index Baa3). The remaining assets shall have on average an investment grade rating.

The weighted quality rating average of the domestic debt securities, excluding pooled investments, at December 31,2006 is AAA and the fair value of below grade investments is $\$ 77,908,231$ or $1.75 \%$ of the domestic portfolio. The weighted quality rating average of the international debt securities investments, at December 31, 2006 is AA+ and the fair value of below grade investments is $\$ 18,266,246$ or $1.94 \%$ of the international portfolio.

## D) Custodial Credit Risk

Custodial credit risk for investments is the risk that, in the event of a failure of the counterparty, the Systems and Plans will not be able to recover the value of the invest-

## Utah Retirement Systems

Notes to Basic Financial Statements (Continued)
December 31, 2006
ment or collateral securities that are in the possession of an outside party. At December 31, 2006 the following table represents the investments that have custodial credit risk.

## Exposed to Custodial Credit Risk

|  | (inthousands) |
| :---: | :---: |
| Type of investment | Fair Value |
| Cash and cash equivalents | \$50,453 |

```
Exposure to Custodial
Credit Risk Not Determined:
```

| Type of investment | $\begin{array}{r} (i n \operatorname{thousand} \\ \text { Fair value } \end{array}$ |
| :---: | :---: |
| Common stock | \$ 2,388 |
| Cash and cash equivalents | (53) |
|  | \$ 2,335 |

## Investments

| at December 31. 2006 |  |
| :---: | :---: |
|  | Fair Value |
| Debt securities, domestic | \$ 3,637,704 |
| Debt securities, international | 851,478 |
| Equity securities, domestic | 6,099,207 |
| Equity securities, international | 3,064,742 |
| Short term securities pools | 2,162,621 |
| Mortgage loans: |  |
| Collateralized loans | 19 |
| Real estate notes | 6,829 |
| Real estate | 3,329,763 |
| Private equity (venture capital) | 802,584 |
| Absolute return | 1,197,638 |
| Guaranteed investment contracts | 43,918 |
| Equity securities, domestic (pooled) | 442,807 |
| Mutual fund, international | 335,685 |
| Mutual fund, balanced | 308,677 |
| Investments held by broker-dealers under securities lending program: |  |
| U.S. Government and agency securities | 727,365 |
| Corporate debt securities, domestic | 80,076 |
| Debt securities, international | 88,001 |
| Equity securities, domestic | 966,938 |
| Equity securities, international | 326,137 |
| Total investments | \$24,472,189 |
| Securities lending collateral pool | \$ 2,256,337 |

## E) Concentrations of Credit Risk

The Systems and Plans expect the domestic debt securities investment managers to maintain diversified portfolios by sector and by issuer using the following guidelines:

- AAA/Aaa Debt Securities - no more than 5\% of an investment manager's assets at market with a single issuer
- AA-/Aa3 Debt Securities or higher - no more than $4 \%$ of an investment manager's assets at market with a single issuer
- A-/A3 Debt Securities or higher - no more than 3\% of an investment manager's assets at market with a single issuer
- BBB-/Baa3 Debt Securities or higher - no more than $2 \%$ of an investment manager's assets at market with a single issuer

```
Debt Securities Investments
at Fair Value
```

| at December 31. 2006 | (inthousands) |  |  |
| :---: | :---: | :---: | :---: |
| Quality Rating | Domestic | International | Total |
| AAA | \$1,569,080 | 349,616 | 1,918,696 |
| AA+ | 21,175 | 2,445 | 23,620 |
| AA | 79,052 | 8,670 | 87,722 |
| AA- | 64,051 | 73,535 | 137,586 |
| A+ | 47,931 | 27,865 | 75,796 |
| A | 23,520 | 50,827 | 74,347 |
| A- | 28,798 | 49,399 | 78,197 |
| BBB+ | 57,112 | 39,503 | 96,615 |
| BBB | 75,896 | 68,465 | 144,361 |
| BBB- | 31,318 | 12,938 | 44,256 |
| BB+ | 7,941 | 1,446 | 9,387 |
| BB | 7,146 | 153 | 7,299 |
| BB- | 7,945 | - | 7,945 |
| B+ | - | 555 | 555 |
| B | 16,002 | - | 16,002 |
| B- | 11,961 | - | 11,961 |
| NR | 26,913 | 16,112 | 43,025 |
| Total credit risk debt securities | 2,075,841 | 701,529 | 2,777,370 |
| U.S. Government and Agencies | 1,486,753 | 40,989 | 1,527,742 |
| Pooled investments | 882,549 | 196,960 | 1,079,509 |
| Total debt securities investments | \$4,445,143 | 939,478 | 5,384,621 |

- For Debt Securities - no individual holding shall constitute more than $10 \%$ of the market value of outstanding debt of a single issuer with the exception of the U.S. Government or its agencies, or collateralized mortgage obligations.
- For Domestic Equity Securities - no individual holdings shall constitute more than $4 \%$ of the securities of any single issuer. Also, no more than $8 \%$ of an investment manager's assets shall be invested in the equity or REIT securities of any single issuer at market.
- For International Equity Securities - no more than 8\% of an investment manager's assets shall be invested in the equity or REIT securities of any single issuer at market.

At December 31, 2006 there were no single issuer investments that exceeded the above guidelines.

```
Debt Securities Investments,
Domestic
```

at December 31. 2006

| Investment | $t h \circ u$ | ds) |
| :---: | :---: | :---: |
|  | Fair Value | Effective Weighted Duration |
| Asset backed securities | \$ 166,924 | 1.13 |
| Commercial mortgage-backed | 196,910 | 3.56 |
| Common stock | 34 | NA |
| Convertible equity | 2,505 | NA |
| Corporate bonds | 529,971 | 4.52 |
| Corporate convertible bonds | 192 | NA |
| Fixed income | 826,758 | NA |
| Fixed income derivatives - futures | 481,521 | 5.46 |
| Fixed income derivatives - options | (215) | NA |
| Fixed income futures | $(481,521)$ | NA |
| Government agencies | 202,874 | 3.28 |
| Government bonds | 465,446 | 8.30 |
| Government mortgage backed securities | 1,452,791 | 3.94 |
| Index linked government bonds | 115,371 | 4.88 |
| Municipal/provincial bonds | 1,347 | 13.11 |
| Non-government backed C.M.O.s | 465,274 | 2.27 |
| Other fixed income | 18,961 | NA |
| Total debt securities investments, domestic | \$4,445,143 | 2.91 |

## F) Interest Rate Risk

The Systems and Plans manage their exposure to fair value loss arising from increasing interest rates by complying to the following policy:

- For domestic debt securities managers, an individual debt securities investment manager's portfolio shall have an effective duration between $75-125 \%$ of the effective duration of the appropriate index.
- The international debt securities investment managers shall maintain an effective duration of their portfolio between $50-150 \%$ of the appropriate index.

Duration is a measure of a debt investment's exposure to fair value changes arising from changes in interest rates. It uses the present value of cash flows, weighted for those cash flows as a percentage of the investments full price.

```
Debt Securities Investments,
International
```

at December 31. 2006

| (dollars in | thous a n d s) |
| :--- | ---: | ---: | ---: |
| Effective |  |
| Weighted |  |
| Duration |  |$|$

## Utah Retirement Systems

## Notes to Basic <br> Financial Statements (Continued)

December 31, 2006

The Systems and Plans compare an investment's effective duration against the Lehman Brothers Aggregate Index for domestic debt securities and the Lehman Brothers Global Aggregate Index for international debt securities. The index range at December 31, 2006 is $3.35-5.58$ for domestic debt securities and $2.65-7.95$ for international debt securities. At December 31, 2006, no individual debt security investment manager's portfolio was outside of the policy guidelines. At December 31, 2006 the foregoing tables show the investments by investment type, amount and the effective weighted duration.

## G) Foreign Currency Risk

The Systems and Plans expect the International Securities Investment Managers to maintain diversified portfolios by sector and by issuer using the following guidelines:

- International investment managers invest in fixed income instruments and equity instruments of corporations headquartered outside of the United States unless specifically authorized within the investment managers' contract.
- Domestic investment managers are allowed to invest in international corporations traded in American Depository Receipts (ADR).
- Portfolios should be adequately diversified to limit foreign currency and security risk.

Risk of loss arises from changes in currency exchange rates. The Systems' and Plans' exposure to foreign currency risk is shown to the right.

## Foreign Currency Risk

| International Investment Securities at Fair Value at December 31, 2006 |  | (inthousands) |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Currency | Equity | Debt | Short Term | Total |
| Argentine peso | \$ - | 555 | 5 | 560 |
| Australian dollar | 68,001 | 8,221 | 333 | 76,555 |
| Brazilian real | 10,360 | 2,735 | - | 13,095 |
| British pound sterling | 540,229 | 81,862 | (427) | 621,664 |
| Canadian dollar | 51,275 | 13,104 | 447 | 64,826 |
| Cayman Islands dollar | - | 2,720 | - | 2,720 |
| Chilean peso | 742 | 896 | - | 1,638 |
| Chinese yuan renminbi | 3,984 | - | - | 3,984 |
| Danish krone | 16,206 | 2,823 | - | 19,029 |
| El Salvadoran colon | - | 420 | - | 420 |
| Estonian kroon | 1,937 | - | - | 1,937 |
| Euro | 685,612 | 159,330 | 26,875 | 871,817 |
| Hong Kong dollar | 55,167 | - | (927) | 54,240 |
| Hungarian forint | - | 926 | - | 926 |
| Japanese yen | 484,668 | 68,679 | 5,796 | 559,143 |
| Kazakhstani tenge | - | 579 | - | 579 |
| Malaysian ringgit | 5,437 | - | - | 5,437 |
| Mexican peso | 3,047 | 23,540 | 826 | 27,413 |
| New Zealand dollar | 1,567 | - | 10 | 1,577 |
| Norwegian krone | 13,727 | - | - | 13,727 |
| Panamanian balboa | 1,906 | 2,277 | - | 4,183 |
| Polish zloty | - | 10,312 | - | 10,312 |
| Qatari riyal | - | 1,106 | - | 1,106 |
| Russian Federation ruble | - | 1,567 | - | 1,567 |
| Singaporan dollar | 14,432 | 14,473 | 285 | 29,190 |
| South African rand | 1,412 | - | - | 1,412 |
| South Korean won | 25,770 | 4,730 | 43 | 30,543 |
| Swedish krona | 43,880 | 35,700 | 657 | 80,237 |
| Swiss franc | 176,834 | - | 657 | 177,491 |
| Taiwanese new dollar | 9,315 | - | - | 9,315 |
| Thai baht | - | 4,466 | - | 4,466 |
| United Arab Emirates dirham | - | 474 | - | 474 |
| Venezuelan bolivar | 5,097 | - | - | 5,097 |
| Pooled International investments | 1,427,357 | 196,960 |  | 1,624,317 |

Total securities
subject to foreign
currency risk
$3,647,962 \quad 638,455 \quad 34,580 \quad 4,320,997$
United States dollars (securities held by international $\begin{array}{lllll}\text { investment managers) } & 78,602 & 301,023 & 70,543 & 450,168\end{array}$

Total international
investment securities $\$ 3,726,564 \quad 939,478 \quad 105,123 \quad 4,771,165$
Total ADR* international securities traded in US dollars held by domestic advisors $\quad \$ 206,045 \quad 70,305 \quad 20,057 \quad 296,407$

[^1]
## Utah Retirement Systems

Notes to Basic Financial Statements
(Continued)
December 31, 2006

## H) Security Lending

The Systems and Plans participate in a security lending program as authorized by Board policy, whereby securities are transferred to an independent broker or dealer in exchange for collateral in the form of cash, government securities and irrevocable bank letters of credit equal to approximately $102 \%$ of the market value of the domestic securities on loan and $105 \%$ of the market value of the international securities on loan, with a simultaneous agreement to return the collateral for the same securities in the future. The custodial bank is the agent for the securities lending program. Securities under loan are maintained in the financial records, and corresponding liabilities are recorded for the market value of the collateral received.

At year end there was no credit risk exposure to borrowers because the collateral exceeded the amount borrowed. The securities on loan at year end were $\$ 2,188,516,000$ and the collateral received for those securities on loan was $\$ 2,256,337,000$. Under the terms of the lending agreement, the Systems and Plans are indemnified against loss should the lending agent be unable to recover borrowed securities and distributions due to borrower insolvency or failure of the lending agent to properly evaluate the creditworthiness of the borrower. In addition, the Systems and Plans are indemnified against loss should the lending agent fail to demand adequate and appropriate collateral on a timely basis. All securities loaned can be terminated on demand by either the Systems and Plans or the borrower. Cash collateral is invested in the lending agent's short term investment pool.

The short term investment pool guidelines specify that a minimum of $20 \%$ of the invested cash collateral is to be available each business day and the dollar weighted average maturity of holdings should not exceed 60 days. The relationship between the maturities of the short term investment pool and the Systems' and Plans' loans is affected by the maturities of the securities loans made by other entities that use the agent's pool, which the Systems and Plans cannot determine. Since the securities lending collateral is in a pool maintained by the custodial bank, the Systems and Plans do not have the ability to pledge or sell the securities, and it is not necessary to report the total income and expenses of securities lending.

## I) Derivative Financial Instruments

The Systems and Plans invest in derivative financial investments as authorized by Board policy. Derivatives are financial arrangements between two parties whose payments are based on, or "derived" from, the performance of some agreed-upon benchmark. At December 31, 2006 the Systems and Plans had four types of derivative financial instruments: futures, currency forwards, options, and swaps.

Futures represent commitments to purchase (asset) or sell (liability) securities at a future date and at a specified price. Futures contracts are traded on organized exchanges (exchange traded) thereby minimizing the Systems' and Plans' credit risk. The net change in the futures contracts value is settled daily in cash with the exchanges. Net gains or losses resulting from the daily settlements are included with trading account securities gains (losses) in the Statement of Changes in Fiduciary Net Assets. At December 31, 2006 the Systems' and Plan's investments had the following futures balances:

Value Covered by Contract
Long - cash and cash equivalent
-futures
. $\$ 203,440,338$
Short — cash and cash equivalent
-futures .............................................. $(177,873,550)$
Long-equity futures .1,142,833,635
Short-equity futures $(114,859,549)$
Long-debt securities futures .554,670,942
Short-debt securities futures .$(73,150,031)$

## Currency forwards represent forward foreign

 exchange contracts that are entered into in order to hedge the exposure to changes in foreign currency exchange rate on the foreign currency dominated portfolio holdings. A forward foreign exchange contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. The gain or loss arising from the difference between the original contracts and the closing of such contracts is included in the net realized gains or losses on foreign currency related transactions. At December 31, 2006 the Systems' and Plans' investments included the following currency forwards balances:
# Utah Retirement Systems 

Notes to Basic Financial Statements
(Continued)
December 31, 2006

Currency forwards
(pending foreign exchange purchases).....\$1,286,407,970
Currency forwards (pending foreign exchange sales)
.............. $(1,286,816,499)$
Options represent or give buyers the right, but not the obligation, to buy or sell an asset at a preset price over a specified period. The option's price is usually a small percentage of the underlying asset's value. As a writer of financial options, the Systems and Plans receive a premium at the outset of the agreement and bear the risk of an unfavorable change in the price of the financial instrument underlying the option. As a purchaser of financial options, the Systems and Plans pay a premium at the outset of the agreement and the counterparty bears the risk of an unfavorable change in the price of the financial instrument underlying the option. At December 31, 2006 the Systems' and Plans' investments had the following option balances:

Value Covered by Contract
Cash and cash equivalent purchased call options . $\$ 679,663$
Cash and cash equivalent purchased put options. 168,894
Fixed income written put options......................... $(620,425)$
Fixed income written call options. 404,990

The Systems and Plans have entered into various swap agreements in an attempt to manage their exposure to interest rate risk. Interest rate risk represents the exposure to fair value losses arising from the future changes in prevailing market interest rates. Swaps represent an agreement between two or more parties to exchange sequences of cash flows over a period in the future. At the end of the year the Systems had two different types of swap arrangements: interest rate swaps and credit default swaps. In the most common type of interest rate swap arrangement, one party agrees to pay fixed interest payments on designated dates to a counter party who, in turn, agrees to make return interest payments that float with some reference rate. The interest rate swaps allowed the Systems to effectively convert most of their long term variable interest rate credit facility loans into fixed interest rate loans, thereby mitigating some of their interest rate risk. The credit default swaps protects the rental cash flows on one of the Systems' real estate investments in case the major tenant defaults on its lease contract. Gains and losses on swaps are determined based on market values and are recorded in the Statement of Changes in Plan Net Assets. At December 31, 2006 the Systems investments had the following swap market value balances as shown in the table to the right.

## J) Investment Payables

The investment accounts payable are comprised of investment advisor fees payable of $\$ 11,292,000$, administrative expenses payable of $\$ 8,192,000$, investment purchases payable of $\$ 1,004,971,000$ and various real estate payables of $\$ 8,294,000$.

## K) Investment Compliance Officer

The Systems and Plans have an investment compliance officer on staff who reports his/her findings directly to the Board. The investment compliance officer monitors all of the investments made by the investment managers to determine that the investments were made in accordance with the investment policies which were approved by the Board.

Utah Retirement Systems
Notes to Basic Financial Statements (Continued)
December 31, 2006

Swaps

| Outstanding Notational Amount <br> (Base Used to Calculate Interest) |  | Maturity |
| :--- | ---: | ---: | ---: | ---: |
| Date |  |  |$\quad$ Fair Value

[^2]

Note 4 -

## Property and Equipment

Property and equipment consist of the amounts shown in the following table as of December 31, 2006 and 2005. There were no significant leases as of December 31, 2006 or 2005.

Property and Equipment

|  | 2006 | 2005 |
| :---: | :---: | :---: |
| Land | \$ 1,779 | 1,779 |
| Buildings and building improvements | 11,241 | 11,098 |
| Furniture and equipment | 3,196 | 3,170 |
| Total property and equipment | 16,216 | 16,047 |


| Less accumulated depreciation: |  |  |
| :---: | ---: | ---: |
| Buildings and <br> building improvements | 6,120 | 5,741 |
| Furniture and equipment | 2,834 | 2,594 |
| Total accumulated depreciation | 8,954 | 8,335 |
| Less operating reserves | 5,230 | 4,702 |
| Net property and equipment | $\$ 2,032$ | 3,010 |

Note 5 -

## Actuarial Values and Methods

## A) Actuarial Asset Valuation

The actuarial value of assets is used in determining the funding progress of the Retirement Systems.

The actuarial value of assets is based on a smoothed expected income investment rate. Investment income in excess or shortfall of the expected $8 \%$ rate on fair value is smoothed over a five-year period with $\mathbf{2 0 \%}$ of a year's excess or shortfall being recognized each year beginning with the current year.

This smoothed actuarial value of assets utilized by the actuary in determining the actuarial funding status of the retirement systems is also used in establishing the contribution rates necessary to accumulate needed assets to pay benefits when due.

The following calculations were utilized in determining the actuarial value of assets as of January 1, 2006, and December 31, 2006, and the next table shows the smoothed actuarial value of assets for each System.

## B) Actuarial Accrued Liability

The actuarial accrued liability for the Systems is presented in the Required Supplementary Information Schedule of Funding Progress on page 68 and 69 of this report.

# Utah Retirement Systems 

Notes to Basic Financial Statements
(Continued)
December 31, 2006

## Calculation of Actuarial Value of Assets

| (dollarsinthousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1. Fair value of assets <br> 2. Deferral to smooth asset values based on (excess)/shortfall of expected investment income for: |  |  |  | \$17,458,149 |
|  |  |  |  |  |
| Year | Total (Excess)/ Shortfall | $\begin{aligned} & \text { Percent } \\ & \text { Deferred } \end{aligned}$ | Amount Deferred |  |
| a. 2005 | \$ (199,197 | 80\% | \$ $(159,358)$ |  |
| b. 2004 | $(804,065)$ | 60\% | $(482,440)$ |  |
| c. 2003 | $(2,007,188)$ | 40\% | $(802,875)$ |  |
| d. 2002 | 2,009,531 | 20\% | 401,905 |  |
| e. 2001 | 1,765,658 | 0\% | 0 |  |
| f. Total | ferred gains |  |  | (1,042,768) |
| 3. Actuarial available | value of assets for benefits |  |  | \$16,415,381 |


| 1. Fair value of assets <br> 2. Deferral to smooth asset values based on (excess)/shortfall of expected investment income for: |  |  |  | \$19,829,629 |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Year | Total (Excess)/ Shortfall | $\begin{aligned} & \text { Percent } \\ & \text { Deferred } \end{aligned}$ | Amount Deferred |  |
| a. 2006 | \$ (1,116,942) | 80\% | \$(893,554) |  |
| b. 2005 | $(199,197)$ | 60\% | $(119,519)$ |  |
| c. 2004 | $(804,065)$ | 40\% | $(321,626)$ |  |
| d. 2003 | $(2,007,188)$ | 20\% | $(401,439)$ |  |
| e. 2002 | 2,009,531 | 0\% | 0 |  |
| f. Total d | deferred gains |  |  | $(1,736,138)$ |
| 3. Actuarial available | value of assets for benefits |  |  | \$18,093,491 |

Actuarial value of assets can not exceed $120 \%$ of the fair value of assets or below $80 \%$ of the fair value of assets.

## C) Actuarial Cost Method and Assumptions

The Board engages an independent firm of actuaries to estimate the present value of actuarial accrued liability for the purpose of determining actuarial accrued liabilities for active and terminated members, retired individuals and beneficiaries, and for the determination of contribution rates (note 6).

Actuarial accrued liabilities are future periodic payments including lump-sum distributions that are
attributable to the service employees have rendered to date and the plan provisions of the various systems. The present value of actuarial accrued liabilities are calculated based on the entry age actuarial cost method with benefits based on projected salary increases.

A schedule of the actuarial assumptions used in the actuarial report dated January 1, 2006 is presented in Notes to Required Supplementary Information on page 71 .

| January 1, 2006 | (in thousands) |  |  | $\underset{\substack{\text { Firefighters } \\ \text { system }}}{ }$ |  |  | $\begin{gathered} \text { Totala All } \\ \text { Systems } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Calculation of Net Assets Available Based on Five Year Expected Investment Income | Noncontributory System | Contributory System | Public Safety System |  |  |  |  |
| 1. Net assets available for benefits at fair value | \$13,896,550 | 1,014,414 | 1,736,451 | 686,062 | 113,353 | 11,319 | 17,458,149 |
| 2. Deferral to smooth asset values based on (excess)/shortfall of expected investment income on fair value | $(827,188)$ | $(62,874)$ | $(103,429)$ | $(41,566)$ | $(6,979)$ | (732) | $(1,042,768)$ |
| 3. Actuarial value of assets available for benefits | \$13,069,362 | 951,540 | 1,633,022 | 644,496 | 106,374 | 10,587 | 16,415,381 |

Note 6 -

## Actuarially Determined Contribution Requirements and Contributions Made

Employer contribution rates consist of (1) an amount for normal cost, the estimated amount necessary to finance benefits earned by the members during the current year, and (2) an amount for amortization of the unfunded or excess funded actuarial accrued liability over an open 20 year amortization period. These rates are determined using the entry age actuarial cost method with a supplemental present value and the same actuarial assumptions that were used to calculate the actuarial accrued liability in the Schedules of Funding Progress on pages 68 and 69.

The schedule below summarizes contribution rates in effect at December 31, 2006.

Contributions made by employers and members were in accordance with actuarially computed funding requirements. Fire insurance premium taxes and court fees are considered as part of employer contributions in the schedule shown at right for the Firefighters and Judges Systems,
respectively. These contribution rates also include rates for a $3 \%$ benefit enhancement which is funded by the State. For contribution rate purposes the actuary evaluates the assets of the Systems based on a five-year smoothed expected return wherein $20 \%$ of a year's excess or shortfall of expected return is recognized each year for five years.

The actuary recommended some increases and some decreases in contribution rates which became effective July 1, 2006.

Information with regard to contributions to the Retirement Systems for the year ended December 31, 2006 is indicated in the schedule on page 70.

Member contributions in the 401(k), 457, Roth and Traditional IRA Plans, and Health Reimbursement Arrangement (HRA) total \$225,217,000, which in combination with the member contributions made in the Retirement Systems total \$269,735,000.

There are no funding requirements in the 401(k), 457, Roth and Traditional IRA Plans, and HRA other than deposit of employee contributions or contributions for the employee by the employer.

| January 1, 2006 | Contribution Rates as a Percent of Covered Payroll |  |  |
| :---: | :---: | :---: | :---: |
| System | Member | Employer | Other |
| Noncontributory | - | 11.59-14.22\% | - |
| Contributory | 6.00\% | 7.58-9.73 | - |
| Public Safety: Noncontributory | - | 19.99-35.71 | - |
| Contributory | 10.50-13.74 | 11.01-22.99 | - |
| Firefighters: Division A | 10.84 | 0.00 | 12.08\% |
| Division B | 8.72 | 0.00 | 12.08 |
| Judges: Noncontributory | - - | 9.79 | 18.04 |
| Contributory | 2.00 | 7.79 | 18.04 |
| Governors and Legislators | - | - | - |

## Utah Retirement Systems

Notes to Basic Financial Statements
(Continued)
December 31, 2006


## Required Contributions

| System | Contribution Requirements |  |  |  |  |  | Contributions Made |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Normal Cost |  | Unfunded Cost (assets in excess) |  | $\begin{array}{r} \text { Total } \\ \text { Required } \\ \text { Contri- } \\ \text { butions } \\ \hline \end{array}$ | $\begin{gathered} \text { Total } \\ \begin{array}{c} \text { Actual } \\ \text { Contri- } \\ \text { butions } \end{array} \end{gathered}$ | Member |  | Employer |  |  |
|  | Amount | ercent of Covered Payroll | Amount | Percent of Covered Payrol |  |  | Amount | ercent of Covered Payroll | Amount | ercent of Covered Payroll | Covered Payroll |
| Noncontributory | \$420,118 | 12.63\% | \$42,949 | 1.29\% | \$463,067 | \$463,067 | \$22,646 | 0.68\% | \$440,421 | 13.24\% | \$3,326,392 |
| Contributory | 15,184 | 11.35 | 5,087 | 3.80 | 20,271 | 20,271 | 9,534 | 7.12 | 10,737 | 8.02 | 133,812 |
| Public Safety | 62,981 | 19.89 | 12,052 | 3.81 | 75,033 | 75,033 | 4,567 | 1.44 | 70,466 | 22.25 | 316,662 |
| Firefighters | 10,329 | 11.65 | $(2,568)$ | (2.90) | 7,761 | 7,761 | 7,761 | 8.75 | - | 0.00 | 88,682 |
| Judges | 864 | 7.08 | 141 | 1.16 | 1,005 | 10 | 10 | 0.08 | 995 | 8.16 | 12,195 |
| Governors and Legislators | - | 0.00 | - | 0.00 | - | - |  | 0.00 | - | 0.00 | 880 |
| Total | \$509,476 |  | \$57,661 |  | \$567,137 | \$566,142 | \$44,518 |  | \$522,619 |  | \$3,878,603 |

## Note 7 -

## Transfers To or From Affiliated System

Asset transfers to or from affiliated systems are for the purpose of spreading employer contribution costs across same employer and same class of employee group and to record transfers of benefits and corresponding assets where employees transfer from one system to another. Benefit transfers usually are between contributory and noncontributory systems as allowed during authorized transfer windows established by statute or as otherwise authorized.

## Note 8 -

## Supplemental Benefits

In the past, the Utah State legislature appropriated funds as supplemental retirement benefits to be paid to qualified participants who have previously retired under the Contributory System. These benefits, already granted, are now and will continue to be funded through contribution rates unless otherwise provided by the legislature.

Note 9 -

## Litigation

The Systems are involved in various claims and legal actions arising in the ordinary course of business in the opinion of management and legal counsel, the ultimate disposition of these matters will not have a material adverse effect on the Systems' financial position as a whole.

## Commitments

At December 31, 2006, the Systems had committed
 to fund certain private equity partnerships and real estate projects for an amount of $\$ 3,803,051,517$. Funding of $\$ 2,522,053,607$ had been provided by December 31, 2006 leaving an unfunded commitment as of December 31, 2006 of $\$ 1,280,997,910$ which will be funded over the next five years.

## Pension Plan <br> Participation

Defined Benefit Plans - Utah Retirement Systems contributes to the State and School Noncontributory Retirement System, a cost-sharing multiple-employer defined benefit pension plan administered by Utah Retirement Systems (Systems). Utah Retirement Systems provides refunds, retirement benefits, annual cost of living adjustments and death benefits to plan members and beneficiaries in accordance with retirement statutes.

The Systems are established and governed by the respective sections of Chapter 49 of the Utah Code Annotated 1953 as amended. The Utah State Retirement Act in Chapter 49 provides for the administration of the Utah Retirement Systems and Plans under the direction of the Utah State Retirement Board (Board) whose members are appointed by the Governor. The Systems issue a publicly available financial report that includes financial statements and required supplementary information for the State and School Noncontributory Retirement System. A copy of the report may be obtained by writing to the Utah Retirement Systems, 540 East 200 South, Salt Lake City, UT 84102 or by calling 1-800-365-8772.

Funding Policy: In the State and School Noncontributory Retirement System, the Utah Retirement Systems is required to contribute $14.22 \%$ of its annual covered salary. The contribution rates are the actuarial determined rates. The contributions were equal to the requirements of the Systems, are authorized by statute, and specified by the Board.

The Utah Retirement Systems' contributions to the State and School Noncontributory Retirement System for the years ending December 31, 2006, 2005, and 2004 were $\$ 1,119,681, \$ 1,185,475$, and $\$ 1,035,931$ respectively. The contributions were equal to the required contributions for each year.

Defined Contribution Plans - Utah Retirement Systems also participates in four defined contribution plans, the 401(k), 457, Roth and Traditional IRA Plans.

401(k) Plan -The Utah Retirement Systems offers its employees a 401(k) plan to supplement retirement benefits accrued by participants in the Systems. Employees covered by the State and School Noncontributory Retirement System have a contribution of $1.5 \%$ of covered salaries automatically made by Utah Retirement Systems. Employees participating in the Systems can make

additional contributions through payroll deduction to the 401(k) plan up to specified limits. Contributions and earnings may be withdrawn by the employee upon termination or may be used as supplemental income upon retirement. The employer 401(k) contributions for the years ended December 31, 2006, 2005, 2004 are $\$ 298,411, \$ 318,409$, and $\$ 292,707$, respectively; the employee contributions for the years ending December 31, 2006, 2005, 2004 are: $\$ 439,105, \$ 438,087$, and $\$ 421,800$, respectively. The 401(k) plan funds are fully vested to the participants at the time of deposit. Plan assets are administered and held by Utah Retirement Systems.

457 Plan -The Utah Retirement Systems also offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all employees, permits them to defer a portion of their salary until future years. Employees are eligible to voluntarily participate from the date of employment and are vested immediately upon participating. Employee contributions to the Section 457 plan for the years ended December 31, 2006, 2005, 2004 are: $\$ 273,499, \$ 269,628$, and \$269,033 respectively.

Roth and Traditional IRAs - Utah Retirement Systems offers it employees two tax-advantaged savings plans authorized by section 408 of the Internal Revenue Code. Employees are eligible to participate from the date of employment and are vested immediately upon participating. For the year ended 2006 and 2005 the Roth IRA employee contributions were $\$ 38,244$ and $\$ 32,433$ respectively. For the year ended 2006 and 2005 the traditional IRA employee contributions were $\$ 4,725$ and \$5,983 respectively.


Note 12 -

## Post Employment Healthcare Plan

## Plan Description

The Utah Retirement Office contributes to a noncontributory defined benefit post employment healthcare plan to provide postemployment insurance benefits for retired employees of the Utah Retirement Office. This plan was established in 2005. The Utah Retirement Employees Post Employment Healthcare Plan, (UREPEHP), is an agent multiple employer post employment healthcare plan administered by The Utah Retirement Office.

Assets and liabilities of the plan are identified separately for each employer. Plan assets may be used only for the payment of benefits to the members of that system, in accordance with the terms of the plan. UREPEHP issues a publicly available financial report that includes financial statements and required supplementary information for UREPEHP. A copy of the report may be obtained by writing the Utah Retirement Office, 560 E. 200 S., Salt Lake City, UT 84102 or by calling 1-800-365-8772.

## Funding Policy

The contribution requirements of Utah Retirement Employees Post Employment Healthcare Plan are determined by the Plan and approved by the Board. Utah Retirement Office is required to contribute the annual

## Utah Retirement Systems

Notes to Basic Financial Statements
December 31, 2006
required contribution (ARC), an actuarially determined rate in accordance with the parameters of GASB Statement 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and amortize any unfunded actuarial liabilities (or funding excess) over an open twenty year period using the level percent of active member payroll method. The current contribution rate is 2.53 percent of annual covered salaries and wages.

## Annual Costs

For the calendar year ending December 31, 2006 the annual cost (expense) of $\$ 294,000$ for UREPEHP was equal to the ARC. The net Other Post Employment Benefits (OPEB) obligation for 2006 was as follows:

| Year <br> Ended | Annual <br> Required <br> Contributions | Percentage <br> Contributed | Net OPEB <br> Obligation |
| :--- | ---: | :---: | ---: |
| $12 / 31 / 05$ | $\$ 220,000$ | $100 \%$ | $\$ 0$ |
| $12 / 31 / 06$ | 294,000 | 100 | 0 |

## Funded Status and Funding Progress

The funded status of the plan as of December 31, 2006, was as follows:

| Actuarial accrued liability (AAL) | $\$ 5,614,000$ |
| :--- | ---: |
| Actuarial value of plan assets | $4,065,000$ |
| Unfunded actuarial accrued liability (UAAL) | $\$ 1,549,000$ |
| Funded ratio <br> $\quad$ (actuarial value of plan assets/AAL) <br> Covered salaries and wages <br> $\quad$ (active plan members) | $72 \%$ |
| UAAL as a percentage of covered salaries <br> and wages | $\$ 8,463,000$ |

Actuarial valuations of the ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status and the annual required contributions are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress below, presented

## Schedule of Funding Progress

| Division | (dollars in thousands) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Date |  |  | $(3)$ Unfunded AAL $(\mathrm{UAAL})$ (2) - (1) | $\begin{array}{r} \text { (4) } \\ \text { Funding } \\ \text { Ratios } \\ (1) /(2) \end{array}$ | (5) Annual Covered Payroll |  |
| URS Employees* | 12/31/04 | \$3,089 | 4,913 | 1,824 | 62.9\% | \$8,124 | 22.5\% |
|  | 12/31/05 | 3,506 | 5,289 | 1,783 | 66.3 | 8,709 | 20.5 |
|  | 12/31/06 | 4,085 | 5,636 | 1,551 | 72.5 | 8,463 | 18.3 |

*Additional years will be added as they become available.

## Schedule of Required Contributions

|  | $(d \circ$ I/ars in thousands) <br> Annual |  |  |
| :--- | ---: | :---: | ---: |
| Year Ended* $^{*}$ | Required Contributions |  |  |
| $12 / 31 / 05$ | $\$ 220$ | $100 \%$ | $\$ 0$ |
| $12 / 31 / 06$ | 294 | 100 | 0 |

[^3]as required supplementary information, shows the actuarial value of plan assets compared to the actuarial accrued liabilities for benefits.

## Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation. The actuarial methods and assumptions used include techniques that are designed to reduce short term volatility in actuarial accrued liabilities consistent with the long term perspective of the calculations.

In the December 31, 2005 actuarial valuation, the entry age actuarial cost method was used. The actuarial assumptions included an 8.0 percent investment rate of return (net of administrative expenses) and an annual healthcare cost trend rate of 15.0 percent initially, reduced by decrements to an ultimate rate of 4.75 percent after 12 years. Both rates include a 3.0 percent inflation assumption. The actuarial value of UREPEHP is the current market value of the fund's assets. The actuarial accrued liability was computed using likely health benefits to be paid to retirees and to be paid active employees after their service that were discounted using the investment return, health cost increase and various mortality assumptions.


Note 13 -

## Compensated

 Absences, Post Employment Benefitsand Insurance Reserve

The compensated absences liability for Utah Retirement Office employees at December 31, 2006, is $\$ 2,872,000$. This represents the amount of unused, leave to be paid to employees upon termination. At December 31, 2006 the insurance reserve was $\$ 6,268,000$. The insurance reserve coverage is explained in Note 15, Risk Management.


## Note 14 - <br> Required Supplementary Information

The historical trend information designed to provide Information about the Utah Retirement Systems' progress made in accumulating sufficient assets to pay benefits when due is required supplementary information. Required supplementary information is included immediately following the notes to the financial statements on pages 68 through 71. Other supplementary information presented in succeeding sections of this report is for the benefit of statement users and is not a required part of the basic financial statements.

Note 15 -
Risk

## Management

Most risks of loss to which the Systems, Plans and Investment Fund are exposed, other than routine investment losses, are covered under commercial insurance policies. Risks in excess of coverage limits or large deductible, and otherwise uninsured losses, are retained by the Systems, Plans or Investment Fund through the insurance reserve. There have been no reductions of insurance coverage from coverages of the previous year in any of the categories of risk. Coverages are increased or decreased commensurate with real estate acquisitions or dispositions. During the past three calendar years, no loss settlements exceeded insurance coverages beyond immaterial deductible amounts. The insurance reserve was established by the board from investment earnings as authorized by statue.

## Note 16 - <br> Real Estate Liabilities

The real estate liabilities consist of six credit facility (lines of credit) loans, eight real estate notes and one mortgage loan. These loans and notes bear various interest rates and will be repaid over the next 11 years. Except for the Granite Park Mortgage which is secured by real estate, the rest of the liabilities are secured by the total investment portfolio. As mentioned in Note 3, page 56, the Systems and Plans entered into various interest rate swap agreements that effectively changed credit facility liabilities from variable interest rates to fixed interest rates. As of December 31, 2006 there are $\$ 1.175$ billion in credit facility debt, $\$ 80.7$ million in private placement notes, and a $\$ 17.6$ million mortgage. Using interest rates as of December 31, 2006, principal and interest requirements of the debt and net swap payments for the term of the debt and swap are as follows.

Utah Retirement Systems
Notes to Basic Financial Statements (Continued)
December 31, 2006


## Real Estate Liabilities



| Year Ending December 31, | Total Principal Payments | Total Interest Payments* | $\underset{\substack{\text { Total Swap } \\ \text { Payments** }}}{ }$ | Total Net Payments |
| :---: | :---: | :---: | :---: | :---: |
| 2007 | \$353,257 | 59,838 | $(5,411)$ | 407,684 |
| 2008 | 3,424 | 50,650 | $(5,379)$ | 48,695 |
| 2009 | 3,600 | 50,474 | $(5,392)$ | 48,682 |
| 2010 | 103,784 | 50,046 | $(5,119)$ | 148,711 |
| 2011 | 748,979 | 15,208 | $(4,051)$ | 760,136 |
| 2012-2016 | 48,329 | 9,987 | $(6,113)$ | 52,203 |
| 2017-2021 | 11,883 | 752 | $(1,730)$ | 10,905 |

*Interest calculated using December 31, 2006 one month LIBOR for variable interest loans
**Interest rate swaps listed on page 57; swap payments calculated using December 31, 2006 one month $\operatorname{LIBOR}$.

# Required Supplementary Information Schedules of Funding Progress 

| System | Date | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | (2) <br> Actuarial Accrued Liability (AAL) Entry Age | $\begin{array}{r} \text { (3) } \\ \text { Unfunded } \\ \text { AAL } \\ \text { (UAAL) } \\ (2)-(1) \end{array}$ | $\begin{array}{r} (4) \\ \text { Funded } \\ \text { Ratios } \\ (1) /(2) \end{array}$ | $\begin{array}{r} \text { (5) } \\ \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array}$ | $\begin{array}{r} \text { (6) } \\ \text { UAAL as } \\ \text { a } \% \text { of } \\ \text { Covered } \\ \text { Payroll } \\ \text { (3)/(5) } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory <br> Retirement <br> System | 1/01/98 | \$ 6,922,583 | 7,654,335 | 731,752 | 90.4\% | \$2,200,988 | 33.2\% |
|  | 1/01/99 | 7,931,193 | 8,335,731 | 404,538 | 95.1 | 2,365,650 | 17.1 |
|  | 1/01/00 | 9,237,447 | 9,006,308 | $(231,139)$ | 102.6 | 2,499,087 | (9.2) |
|  | 1/01/01 | 10,361,333 | 9,933,514 | $(427,819)$ | 104.3 | 2,659,200 | (16.1) |
|  | 1/01/02 | 11,104,334 | 10,806,024 | $(298,310)$ | 102.8 | 2,832,060 | (10.5) |
|  | 1/01/03 | 10,848,586 | 11,764,353 | 915,767 | 92.2 | 2,926,449 | 31.3 |
|  | 1/01/04 | 11,657,525 | 12,351,310 | 693,785 | 94.4 | 2,959,347 | 23.4 |
|  | 1/01/05 | 12,212,437 | 13,235,444 | 1,023,007 | 92.3 | 3,084,317 | 33.2 |
|  | 1/01/06 | 13,069,362 | 14,018,540 | 949,178 | 93.2 | 3,165,504 | 30.0 |
|  | 12/31/06 | 14,438,278 | 14,980,827 | 542,549 | 96.4 | 3,326,392 | 16.3 |
| Contributory <br> Retirement <br> System | 1/01/98 | \$ 809,388 | 880,499 | 71,111 | 91.9\% | \$ 138,231 | 51.4\% |
|  | 1/01/99 | 840,215 | 891,983 | 51,768 | 94.2 | 137,042 | 37.8 |
|  | 1/01/00 | 878,190 | 894,484 | 16,294 | 98.2 | 137,561 | 11.8 |
|  | 1/01/01 | 924,573 | 935,799 | 11,226 | 98.8 | 141,067 | 8.0 |
|  | 1/01/02 | 927,523 | 948,912 | 21,389 | 97.7 | 142,882 | 15.0 |
|  | 1/01/03 | 899,290 | 976,918 | 77,628 | 92.1 | 142,325 | 54.5 |
|  | 1/01/04 | 913,949 | 982,569 | 68,620 | 93.0 | 139,470 | 49.2 |
|  | 1/01/05 | 933,974 | 1,013,836 | 79,862 | 92.1 | 139,362 | 57.3 |
|  | 1/01/06 | 951,540 | 1,027,309 | 75,769 | 92.6 | 137,730 | 55.0 |
|  | 12/31/06 | 1,013,102 | 1,060,414 | 47,312 | 95.5 | 133,812 | 35.4 |
| Public Safety Retirement System | 1/01/98 | \$ 867,151 | 952,100 | 84,949 | 91.1\% | \$ 195,464 | 43.5\% |
|  | 1/01/99 | 988,800 | 1,034,147 | 45,347 | 95.6 | 212,414 | 21.3 |
|  | 1/01/00 | 1,146,331 | 1,105,166 | $(41,165)$ | 103.7 | 226,057 | (18.2) |
|  | 1/01/01 | 1,286,996 | 1,206,876 | $(80,120)$ | 106.6 | 247,985 | (32.3) |
|  | 1/01/02 | 1,376,466 | 1,366,134 | $(10,332)$ | 100.8 | 260,783 | (4.0) |
|  | 1/01/03 | 1,349,435 | 1,458,491 | 109,056 | 92.5 | 268,478 | 40.6 |
|  | 1/01/04 | 1,448,888 | 1,556,758 | 107,870 | 93.1 | 278,402 | 38.7 |
|  | 1/01/05 | 1,524,904 | 1,726,785 | 201,881 | 88.3 | 293,797 | 68.7 |
|  | 1/01/06 | 1,633,022 | 1,834,452 | 201,430 | 89.0 | 298,756 | 67.4 |
|  | 12/31/06 | 1,809,198 | 1,964,009 | 154,811 | 92.1 | 316,662 | 48.9 |

See accompanying notes to required supplementary information.

## Utah Retirement Systems

Required Supplementary Information (Continued)
Schedules of Funding Progress (Continued)

| System | Date | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | (2) <br> Actuaria Accrued Liability (AAL) Entry Age | $\begin{array}{r} \text { (3) } \\ \text { Unfunded } \\ \text { AAL } \\ \text { (UALL) } \\ (2)-(1) \end{array}$ | $\begin{array}{r} \text { (4) } \\ \text { Funded } \\ \text { Ratios } \\ (1) /(2) \end{array}$ | $\begin{array}{r} \text { (5) } \\ \begin{array}{c} \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array} \end{array}$ | $\begin{aligned} & \text { (6) } \\ & \text { UAL as } \\ & \text { a \% of of } \\ & \text { Covered } \\ & \text { Payroll } \\ & \text { (3)/(5) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Firefighters | 1/01/98 | \$376,178 | 384,975 | 8,797 | 97.7\% | \$51,287 | 17.2\% |
| Retirement | 1/01/99 | 423,405 | 407,703 | $(15,702)$ | 103.9 | 54,326 | (28.9) |
| System | 1/01/00 | 483,374 | 419,157 | $(64,217)$ | 115.3 | 57,561 | (111.6) |
|  | 1/01/01 | 536,503 | 455,456 | $(81,047)$ | 117.8 | 63,274 | (128.1) |
|  | 1/01/02 | 569,151 | 491,274 | $(77,877)$ | 115.9 | 67,192 | (115.9) |
|  | 1/01/03 | 553,589 | 521,164 | $(32,425)$ | 106.2 | 71,354 | (45.4) |
|  | 1/01/04 | 589,502 | 549,378 | $(40,124)$ | 107.3 | 75,619 | (53.1) |
|  | 1/01/05 | 610,688 | 578,891 | $(31,797)$ | 105.5 | 79,638 | (39.9) |
|  | 1/01/06 | 644,496 | 614,359 | $(30,137)$ | 104.9 | 84,061 | (35.9) |
|  | 12/31/06 | 705,051 | 655,264 | $(49,787)$ | 107.6 | 88,682 | (56.1) |
| Judges | 1/01/98 | \$ 59,373 | 62,406 | 3,033 | 95.1\% | \$ 9,286 | 32.7\% |
| Retirement | 1/01/99 | 67,998 | 67,211 | (787) | 101.2 | 9,388 | (8.4) |
| System | 1/01/00 | 78,130 | 68,134 | $(9,996)$ | 114.7 | 10,104 | (98.9) |
|  | 1/01/01 | 87,139 | 73,962 | $(13,177)$ | 117.8 | 10,397 | (126.7) |
|  | 1/01/02 | 92,649 | 85,987 | $(6,662)$ | 107.7 | 10,927 | (61.0) |
|  | 1/01/03 | 90,904 | 90,573 | (331) | 100.4 | 11,173 | (3.0) |
|  | 1/01/04 | 97,412 | 97,902 | 490 | 99.5 | 10,888 | 4.5 |
|  | 1/01/05 | 100,814 | 104,210 | 3,396 | 96.7 | 11,646 | 29.2 |
|  | 1/01/06 | 106,374 | 106,962 | 588 | 99.5 | 11,594 | 5.1 |
|  | 12/31/06 | 116,879 | 114,018 | $(2,861)$ | 102.5 | 12,195 | (23.5) |
| Utah Governors and Legislators Retirement Plan | 1/01/98 | \$ 9,318 | 6,998 | $(2,320)$ | 133.2\% | \$ 468 | (495.7)\% |
|  | 1/01/99 | 9,988 | 7,278 | $(2,710)$ | 137.2 | 468 | (579.1) |
|  | 1/01/00 | 10,946 | 8,253 | $(2,693)$ | 132.6 | 468 | (575.4) |
|  | 1/01/01 | 11,569 | 7,908 | $(3,661)$ | 146.3 | 464 | (789.0) |
|  | 1/01/02 | 11,710 | 8,182 | $(3,528)$ | 143.1 | 556 | (634.5) |
|  | 1/01/03 | 10,719 | 8,706 | $(2,013)$ | 123.1 | 556 | (362.1) |
|  | 1/01/04 | 10,905 | 8,812 | $(2,093)$ | 123.8 | 556 | (376.4) |
|  | 1/01/05 | 10,650 | 8,727 | $(1,923)$ | 122.0 | 556 | (345.9) |
|  | 1/01/06 | 10,587 | 8,974 | $(1,613)$ | 118.0 | 887 | (181.8) |
|  | 12/31/06 | 10,983 | 8,922 | $(2,061)$ | 123.1 | 860 | (239.7) |

See accompanying notes to required supplementary information.

## Utah Retirement Systems

## Required Supplementary Information <br> (Continued)

## Schedules of Employer Contributions

(dollarsinthousands)

| System | Employer Contributions |  |  | System | Employer Contributions |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Year } \\ & \text { Ended } \end{aligned}$ | $\begin{array}{r} \text { Annual } \\ \text { Required } \\ \text { Contributions } \end{array}$ | Percentage Contributed |  | $\begin{array}{r} \text { Year } \\ \text { Ended } \end{array}$ | $\begin{array}{r} \text { Annual } \\ \text { Required } \\ \text { Contributions } \end{array}$ | Percentage Contributed |
| Noncontributory | 1997 | \$294,937 | 100\% | Firefighters | 1997 | \$7,388 | 100\% |
| Retirement | 1998 | 318,635 | 100 | Retirement | 1998 | 6,937 | 100 |
| System | 1999 | 338,704 | 100 | System | 1999 | 5,737 | 100 |
|  | 2000 | 352,339 | 100 |  | 2000 | 6,755 | 100 |
|  | 2001 | 331,951 | 100 |  | 2001 | 8,354 | 100 |
|  | 2002 | 291,256 | 100 |  | 2002 | 9,454 | 100 |
|  | 2003 | 314,511 | 100 |  | 2003 | 9,059 | 100 |
|  | 2004 | 369,109 | 100 |  | 2004 | 8,659 | 100 |
|  | 2005 | 406,795 | 100 |  | 2005 | 9,601 | 100 |
|  | 2006 | 440,421 | 100 |  | 2006 | 9,518 | 100 |
| Contributory Retirement System | 1997 | \$ 10,651 | 100\% | Judges | 1997 | \$3,206 | 100\% |
|  | 1998 | 10,729 | 100 | Retirement | 1998 | 3,704 | 100 |
|  | 1999 | 10,840 | 100 | System | 1999 | 3,318 | 100 |
|  | 2000 | 10,484 | 100 |  | 2000 | 3,422 | 100 |
|  | 2001 | 8,480 | 100 |  | 2001 | 3,053 | 100 |
|  | 2002 | 6,735 | 100 |  | 2002 | 2,853 | 100 |
|  | 2003 | 7,297 | 100 |  | 2003 | 2,490 | 100 |
|  | 2004 | 9,564 | 100 |  | 2004 | 2,531 | 100 |
|  | 2005 | 10,357 | 100 |  | 2005 | 2,397 | 100 |
|  | 2006 | 10,737 | 100 |  | 2006 | 4,010 | 100 |
| Public Safety <br> Retirement System | 1997 | \$ 34,217 | 100\% | Governors and Legislators Retirement Plan | 1997 | \$ 0 | 100\% |
|  | 1998 | 40,099 | 100 |  | 1998 | 0 | 100 |
|  | 1999 | 45,110 | 100 |  | 1999 | 0 | 100 |
|  | 2000 | 49,353 | 100 |  | 2000 | 0 | 100 |
|  | 2001 | 46,113 | 100 |  | 2001 | 0 | 100 |
|  | 2002 | 42,264 | 100 |  | 2002 | 0 | 100 |
|  | 2003 | 46,655 | 100 |  | 2003 | 0 | 100 |
|  | 2004 | 56,319 | 100 |  | 2004 | 0 | 100 |
|  | 2005 | 61,326 | 100 |  | 2005 | 0 | 100 |
|  | 2006 | 70,466 | 100 |  | 2006 | 0 | 100 |

See accompanying notes to required supplementary information.

## Notes to Required Supplementary Information

December 31, 2006

## Schedules of Funding Progress

The information contained in the schedule of funding progress is based on the actuarial study dated January 1, 2006 and calendar year 2006 activity. The actuarial accrued liability is presented based on the report generated by that study conducted by Gabriel, Roeder, Smith \& Company. The actuarial
value of assets for that date is based on a smoothed expected investment income rate. Investment income in excess or shortfall of the expected $8 \%$ return on fair value is smoothed over a five-year period with $20 \%$ of a year's excess or shortfall being recognized each year beginning with the current year. The calculations for this smoothing process are disclosed in note 5 of the notes to the basic financial statements on page 59.

## Schedules of Employer Contributions



The required employer contributions and percent of those contributions actually made are presented in the schedule.

## Actuarial 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 valuations follows.

Additional Actuarial Information

|  | Noncontributory | Contributory | Public Safety | Firefighters | Judges | Governors and Legislators |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation date | 1/1/06 | 1/1/06 | 1/1/06 | 1/1/06 | 1/1/06 | 1/1/06 |
| Actuarial cost method | Entry Age | Entry Age | Entry Age | Entry Age | Entry Age | Entry Age |
| Amortization method | Level Percent of Payroll | Level Percent of Payroll | Level Percent of Payroll | Level Percent of Payroll | Level Percent of Payroll | Level Dollar Amount |
| Amortization period | Open Group <br> 20 Year Open Period | Open Group <br> 20 Year Open Period | Open Group 20 Year Open Period | Open Group 20 Year Open Period | Open Group <br> 20 Year Open Period | Open Group 20 Year Open Period |

## Actuarial asset valuation

 method (All Systems under same method.)
## Actuarial assumptions:

Investment rate of return Projected salary increases Inflation rate Post retirement cost-of-living adjustment

Based on the total fair value income of investments with the excess or shortfall of actual investment income over or under the expected investment return smoothed over five years. One-fifth of the excess or shortfall is recognized each year for five years.

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $8 \%$ | $8 \%$ | $8 \%$ | $8 \%$ | $8 \%$ | $8 \%$ |
| $4.75-15.00 \%$ | $4.75-15.00 \%$ | $4.75-10.75 \%$ | $4.75-11.75 \%$ | $4.75 \%$ | None |
| $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |
| $3.00 \%$ | $3.00 \%$ | $2.50 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |

N O TE: All post retirement cost-of-living adjustments are noncompounding and are based on the original benefit except for Judges, which is a compounding benefit. The cost-of-living adjustments are also limited to the actual CPI increase for the year, although unused CPI increases not met may be carried forward to subsequent years.

## Noncontributory Retirement System

## Schedules of Fiduciary Net AssetsPension Trust Fund by Division

December 31, 2006
With Comparative Totals for December 31, 2005


## Noncontributory Retirement System

# Schedules of Changes in Fiduciary Net AssetsPension Trust Fund by Division 

Year Ended December 31, 2006
With Comparative Totals for Year Ended December 31, 2005
(in thousands)

|  | LocalGovernment | $\begin{aligned} & \text { State and } \\ & \text { School } \end{aligned}$ | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2006 | 2005 |
| Additions: |  |  |  |  |
| Contributions: |  |  |  |  |
| Member | \$ 5,091 | 17,555 | 22,646 | 19,817 |
| Employer | 85,715 | 354,706 | 440,421 | 406,795 |
| Total contributions | 90,806 | 372,261 | 463,067 | 426,612 |
| Investment income: |  |  |  |  |
| Net appreciation in fair value of investments | 272,825 | 1,343,748 | 1,616,573 | 867,967 |
| Interest, dividends and other investment income | 72,364 | 356,418 | 428,782 | 348,554 |
| Total income from investment activity | 345,189 | 1,700,166 | 2,045,355 | 1,216,521 |
| Less investment expenses | 7,500 | 36,941 | 44,441 | 36,893 |
| Net income from investment activity | 337,689 | 1,663,225 | 2,000,914 | 1,179,628 |
| Income from security lending activity | 983 | 4,841 | 5,824 | 5,467 |
| Net investment income | 338,672 | 1,668,066 | 2,006,738 | 1,185,095 |
| Transfers from affiliated systems | $(1,662)$ | 1,774 | 112 | - |
| Total additions | 427,816 | 2,042,101 | 2,469,917 | 1,611,707 |
| Deductions: |  |  |  |  |
| Retirement benefits | 63,139 | 387,520 | 450,659 | 397,759 |
| Cost of living benefits | 10,962 | 71,627 | 82,589 | 71,936 |
| Refunds | 482 | 2,281 | 2,763 | 3,189 |
| Administrative expenses | 1,287 | 6,575 | 7,862 | 7,557 |
| Transfers to affiliated systems | - | - | - | 24,957 |
| Total deductions | 75,870 | 468,003 | 543,873 | 505,398 |
| Increase from operations | 351,946 | 1,574,098 | 1,926,044 | 1,106,309 |
| Net assets held in trust for pension benefits beginning of year | 2,331,840 | 11,560,599 | 13,892,439 | 12,786,130 |
| Net assets held in trust for pension benefits end of year | \$2,683,786 | 13,134,697 | 15,818,483 | 13,892,439 |

## Noncontributory Retirement System

## Schedules of Funding Progress by Division

(dollarsinthousands)

| Division | Date | $(1)$ Actuarial Value of Assets | (2) <br> Actuaria Accrued Liability Entry Age | $\begin{array}{r} (3) \\ \text { Unfunded } \\ A A L \\ \text { (UAAL) } \\ (2)-(1) \end{array}$ | $\begin{aligned} & \text { (4) } \\ & \text { Funded } \\ & \text { Ratios } \\ & \text { (1)/(2) } \end{aligned}$ | $\begin{array}{r} \text { (5) } \\ \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array}$ | (6) <br> UAAL as a \% of Covered Payroll (3)/(5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory Local Government | 1/01/98 | \$ 1,083,991 | 1,101,505 | 17,514 | 98.4\% | \$ 443,169 | 4.0\% |
|  | 1/01/99 | 1,252,949 | 1,217,362 | $(35,587)$ | 102.9 | 478,195 | (7.4) |
|  | 1/01/00 | 1,470,043 | 1,342,091 | $(127,952)$ | 109.5 | 511,311 | (25.0) |
|  | 1/01/01 | 1,660,838 | 1,515,951 | $(144,887)$ | 109.6 | 555,112 | (26.1) |
|  | 1/01/02 | 1,790,398 | 1,667,820 | $(122,578)$ | 107.3 | 583,682 | (21.0) |
|  | 1/01/03 | 1,766,403 | 1,842,886 | 76,483 | 95.8 | 617,784 | 12.4 |
|  | 1/01/04 | 1,916,701 | 1,985,092 | 68,391 | 96.6 | 648,410 | 10.5 |
|  | 1/01/05 | 2,027,791 | 2,213,427 | 95,636 | 95.5 | 680,620 | 14.1 |
|  | 1/01/06 | 2,193,880 | 2,295,475 | 101,595 | 95.6 | 718,228 | 14.1 |
|  | 12/31/06 | 2,453,220 | 2,488,515 | 35,295 | 98.6 | 758,583 | 4.7 |
| Noncontributory State and School | 1/01/98 | \$ 5,838,592 | 6,552,830 | 714,238 | 89.1\% | \$1,757,819 | 40.6\% |
|  | 1/01/99 | 6,678,244 | 7,118,369 | 440,125 | 93.8 | 1,887,455 | 23.3 |
|  | 1/01/00 | 7,767,404 | 7,664,217 | $(103,187)$ | 101.3 | 1,987,776 | (5.2) |
|  | 1/01/01 | 8,700,495 | 8,417,563 | $(282,932)$ | 103.4 | 2,104,088 | (13.4) |
|  | 1/01/02 | 9,313,936 | 9,138,204 | $(175,732)$ | 101.9 | 2,248,378 | (7.8) |
|  | 1/01/03 | 9,082,183 | 9,921,467 | 839,284 | 91.5 | 2,308,665 | 36.4 |
|  | 1/01/04 | 9,740,824 | 10,366,218 | 625,394 | 94.0 | 2,310,937 | 27.1 |
|  | 1/01/05 | 10,184,646 | 11,112,017 | 927,371 | 91.7 | 2,403,697 | 38.6 |
|  | 1/01/06 | 10,875,482 | 11,723,065 | 847,583 | 92.8 | 2,447,276 | 34.6 |
|  | 12/31/06 | 11,985,058 | 12,492,312 | 507,254 | 95.9 | 2,567,809 | 19.8 |
| Total <br> Noncontributory <br> Retirement <br> System | 1/01/98 | \$ 6,922,583 | 7,654,335 | 731,752 | 90.4\% | \$2,200,988 | 33.2\% |
|  | 1/01/99 | 7,931,193 | 8,335,731 | 404,538 | 95.1 | 2,365,650 | 17.1 |
|  | 1/01/00 | 9,237,447 | 9,006,308 | $(231,139)$ | 102.6 | 2,499,087 | (9.2) |
|  | 1/01/01 | 10,361,333 | 9,933,514 | $(427,819)$ | 104.3 | 2,659,200 | (16.1) |
|  | 1/01/02 | 11,104,334 | 10,806,024 | $(298,310)$ | 102.8 | 2,832,060 | (10.5) |
|  | 1/01/03 | 10,848,586 | 11,764,353 | 915,767 | 92.2 | 2,926,449 | 31.3 |
|  | 1/01/04 | 11,657,525 | 12,351,310 | 693,785 | 94.4 | 2,959,347 | 23.4 |
|  | 1/01/05 | 12,212,437 | 13,235,444 | 1,023,007 | 92.3 | 3,084,317 | 33.2 |
|  | 1/01/06 | 13,069,362 | 14,018,540 | 949,178 | 93.2 | 3,165,504 | 30.0 |
|  | 12/31/06 | 14,438,278 | 14,980,827 | 542,549 | 96.4 | 3,326,392 | 16.3 |

## Schedules of Employer Contributions by Division

(dollarsinthousands)

| Division | $\begin{gathered} \text { Year } \\ \text { Ended } \end{gathered}$ | Employer Contributions |  |
| :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} \text { Annual } \\ \text { Required } \\ \text { Contributions } \end{array}$ | Percentage Contributed |
| Noncontributory Local Government | 1997 | \$ 46,053 | 100\% |
|  | 1998 | 50,947 | 100 |
|  | 1999 | 55,110 | 100 |
|  | 2000 | 58,626 | 100 |
|  | 2001 | 54,274 | 100 |
|  | 2002 | 52,143 | 100 |
|  | 2003 | 60,097 | 100 |
|  | 2004 | 70,010 | 100 |
|  | 2005 | 79,179 | 100 |
|  | 2006 | 85,715 | 100 |
| Noncontributory State and School | 1997 | \$248,884 | 100\% |
|  | 1998 | 267,688 | 100 |
|  | 1999 | 283,594 | 100 |
|  | 2000 | 293,713 | 100 |
|  | 2001 | 277,677 | 100 |
|  | 2002 | 239,113 | 100 |
|  | 2003 | 254,414 | 100 |
|  | 2004 | 299,099 | 100 |
|  | 2005 | 327,616 | 100 |
|  | 2006 | 354,706 | 100 |
| Total <br> Noncontributory <br> Retirement <br> System | 1997 | \$294,937 | 100\% |
|  | 1998 | 318,635 | 100 |
|  | 1999 | 338,704 | 100 |
|  | 2000 | 352,339 | 100 |
|  | 2001 | 331,951 | 100 |
|  | 2002 | 291,256 | 100 |
|  | 2003 | 314,511 | 100 |
|  | 2004 | 369,109 | 100 |
|  | 2005 | 406,795 | 100 |
|  | 2006 | 440,421 | 100 |

## Contributory Retirement System

## Schedules of Fiduciary Net AssetsPension Trust Fund by Division

December 31, 2006
With Comparative Totals for December 31, 2005

|  | $\begin{array}{r} \text { Local } \\ \text { Government } \end{array}$ | $\begin{aligned} & \text { State and } \\ & \text { School } \end{aligned}$ | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2006 | 2005 |
| Assets: |  |  |  |  |
| Cash | \$ 1 | 1 | 2 | 2 |
| Receivables: |  |  |  |  |
| Member contributions | 181 | 241 | 422 | 441 |
| Employer contributions | 227 | 391 | 618 | 595 |
| Investments | 4,760 | 10,293 | 15,053 | 43,986 |
| Total receivables | 5,168 | 10,925 | 16,093 | 45,022 |
| Investments at fair value: |  |  |  |  |
| Short term securities, domestic | 36,620 | 79,189 | 115,809 | 68,459 |
| Short term securities, international | 1,871 | 4,046 | 5,917 | 8,832 |
| Debt securities, domestic | 64,406 | 139,272 | 203,678 | 200,572 |
| Debt securities, international | 16,722 | 36,160 | 52,882 | 50,518 |
| Equity investments, domestic | 114,152 | 246,844 | 360,996 | 372,728 |
| Equity investments, international | 60,356 | 130,514 | 190,870 | 214,622 |
| Absolute return | 21,317 | 46,097 | 67,414 | - |
| Private equity | 14,286 | 30,891 | 45,177 | 35,706 |
| Real estate | 59,268 | 128,162 | 187,430 | 137,389 |
| Mortgage loans | 122 | 264 | 386 | 401 |
| Total investments | 389,120 | 841,439 | 1,230,559 | 1,089,227 |
| Invested securities lending collateral | 39,011 | 84,358 | 123,369 | 139,007 |
| Property and equipment at cost, net of accumulated depreciation | 36 | 78 | 114 | 176 |
| Total assets | 433,336 | 936,801 | 1,370,137 | 1,273,434 |
| Liabilities: |  |  |  |  |
| Securities lending collateral liability | 39,011 | 84,358 | 123,369 | 139,007 |
| Disbursements in excess of cash balance | 401 | 867 | 1,268 | 791 |
| Compensated absences, post employment benefits and insurance reserve | 247 | 535 | 782 | 679 |
| Investment accounts payable | 18,224 | 39,408 | 57,632 | 64,145 |
| Real estate liabilities | 22,663 | 49,007 | 71,670 | 50,287 |
| Total liabilities | 80,546 | 174,175 | 254,721 | 254,909 |
| Net assets held in trust for pension benefits | \$352,790 | 762,626 | 1,115,416 | 1,018,525 |

## Contributory Retirement System

## Schedules of Changes in Fiduciary Net AssetsPension Trust Fund by Division

Year Ended December 31, 2006
With Comparative Totals for Year Ended December 31, 2005

|  | LocalGovernment | State and School | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2006 | 2005 |
| Additions: |  |  |  |  |
| Contributions: |  |  |  |  |
| Member | \$ 4,217 | 5,317 | 9,534 | 10,300 |
| Employer | 4,509 | 6,228 | 10,737 | 10,357 |
| Total contributions | 8,726 | 11,545 | 20,271 | 20,657 |
| Investment income: |  |  |  |  |
| Net appreciation in fair value of investments | 36,286 | 79,727 | 116,013 | 64,735 |
| Interest, dividends and other investment income | 9,624 | 21,147 | 30,771 | 25,996 |
| Total income from investment activity | 45,910 | 100,874 | 146,784 | 90,731 |
| Less investment expenses | 998 | 2,192 | 3,190 | 2,751 |
| Net income from investment activity | 44,912 | 98,682 | 143,594 | 87,980 |
| Income from security lending activity | 131 | 287 | 418 | 408 |
| Net investment income | 45,043 | 98,969 | 144,012 | 88,388 |
| Transfers from affiliated systems | - | - | - | 19,565 |
| Total additions | 53,769 | 110,514 | 164,283 | 128,610 |
| Deductions: |  |  |  |  |
| Retirement benefits | 9,747 | 29,888 | 39,635 | 37,508 |
| Cost of living benefits | 3,495 | 14,507 | 18,002 | 18,479 |
| Supplemental retirement benefits | 112 | 797 | 909 | 1,113 |
| Refunds | 439 | 1,350 | 1,789 | 1,800 |
| Administrative expenses | 181 | 395 | 576 | 578 |
| Transfers to affiliated systems | 205 | 6,276 | 6,481 | - |
| Total deductions | 14,179 | 53,213 | 67,392 | 59,478 |
| Increase from operations | 39,590 | 57,301 | 96,891 | 69,132 |
| Net assets held in trust for pension benefits beginning of year | 313,200 | 705,325 | 1,018,525 | 949,393 |
| Net assets held in trust for pension benefits end of year | \$352,790 | 762,626 | 1,115416 | 1,018,525 |

## Contributory Retirement System

## Schedules of Funding Progress by Division

| Division | Date |  | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | (2) <br> Actuaria Accrued Liability (AAL) Entry Age | (3) Unfunded AAL (UALL) $(2)-(1)$ | $\begin{array}{r} \text { (4) } \\ \text { Funded } \\ \text { RRatios } \\ \text { (1)/(2) } \end{array}$ | $\begin{array}{r} \text { (5) } \\ \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array}$ | (6) <br> UAAL as a \% of Covered (3)/(5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contributory Local Government | 1/01/98 | \$ | 207,641 | 226,233 | 18,592 | 91.8\% | \$ 52,444 | 35.5\% |
|  | 1/01/99 |  | 219,415 | 232,061 | 12,646 | 94.6 | 52,448 | 24.1 |
|  | 1/01/00 |  | 236,830 | 239,601 | 2,771 | 98.8 | 53,388 | 5.2 |
|  | 1/01/01 |  | 253,681 | 256,676 | 2,995 | 98.8 | 56,007 | 5.3 |
|  | 1/01/02 |  | 260,569 | 266,365 | 5,796 | 97.8 | 56,444 | 10.3 |
|  | 1/01/03 |  | 254,370 | 280,435 | 26,065 | 90.7 | 57,595 | 45.3 |
|  | 1/01/04 |  | 263,839 | 289,001 | 25,162 | 91.3 | 57,965 | 43.4 |
|  | 1/01/05 |  | 280,286 | 307,221 | 26,935 | 91.2 | 58,482 | 46.1 |
|  | 1/01/06 |  | 295,061 | 322,986 | 27,925 | 91.4 | 60,616 | 46.1 |
|  | 12/31/06 |  | 321,722 | 340,557 | 18,835 | 94.5 | 61,441 | 30.7 |
| Contributory State and School | 1/01/98 | \$ | 601,747 | 654,266 | 52,519 | 92.0\% | \$ 85,787 | 61.2\% |
|  | 1/01/99 |  | 620,800 | 659,922 | 39,122 | 94.1 | 84,594 | 46.2 |
|  | 1/01/00 |  | 641,360 | 654,883 | 13,523 | 97.9 | 84,173 | 16.1 |
|  | 1/01/01 |  | 670,892 | 679,123 | 8,231 | 98.8 | 85,060 | 9.7 |
|  | 1/01/02 |  | 666,954 | 682,547 | 15,593 | 97.7 | 86,438 | 18.0 |
|  | 1/01/03 |  | 644,920 | 696,483 | 51,563 | 92.6 | 84,730 | 60.9 |
|  | 1/01/04 |  | 650,110 | 693,568 | 43,458 | 93.7 | 81,505 | 53.3 |
|  | 1/01/05 |  | 653,688 | 706,615 | 52,927 | 92.5 | 80,880 | 65.4 |
|  | 1/01/06 |  | 656,479 | 704,323 | 47,844 | 93.2 | 77,114 | 62.0 |
|  | 12/31/06 |  | 691,380 | 719,857 | 28,477 | 96.0 | 72,371 | 39.3 |
| Total <br> Contributory <br> Retirement System | 1/01/98 | \$ | 809,388 | 880,499 | 71,111 | 91.9\% | \$138,231 | 51.4\% |
|  | 1/01/99 |  | 840,215 | 891,983 | 51,768 | 94.2 | 137,042 | 37.8 |
|  | 1/01/00 |  | 878,190 | 894,484 | 16,294 | 98.2 | 137,561 | 11.8 |
|  | 1/01/01 |  | 924,573 | 935,799 | 11,226 | 98.8 | 141,067 | 8.0 |
|  | 1/01/02 |  | 927,523 | 948,912 | 21,389 | 97.7 | 142,882 | 15.0 |
|  | 1/01/03 |  | 899,290 | 976,918 | 77,628 | 92.1 | 142,325 | 54.5 |
|  | 1/01/04 |  | 913,949 | 982,569 | 68,620 | 93.0 | 139,470 | 49.2 |
|  | 1/01/05 |  | 933,974 | 1,013,836 | 79,862 | 92.1 | 139,362 | 57.3 |
|  | 1/01/06 |  | 951,540 | 1,027,309 | 75,769 | 92.6 | 137,730 | 55.0 |
|  | 12/31/06 |  | 1,013,102 | 1,060,414 | 47,312 | 95.5 | 133,812 | 35.4 |

## Contributory Retirement System

## Schedules of Employer Contributions by Division

(dollarsinthousands)

| Division | $\begin{gathered} \text { Year } \\ \text { Ended } \end{gathered}$ | Employer Contributions |  |
| :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} \text { Annual } \\ \text { Required } \\ \text { Contributions } \end{array}$ | Percentage Contributed |
| Contributory Local Government | 1997 | \$ 3,332 | 100\% |
|  | 1998 | 3,393 | 100 |
|  | 1999 | 3,530 | 100 |
|  | 2000 | 3,524 | 100 |
|  | 2001 | 2,926 | 100 |
|  | 2002 | 2,441 | 100 |
|  | 2003 | 2,881 | 100 |
|  | 2004 | 3,822 | 100 |
|  | 2005 | 4,238 | 100 |
|  | 2006 | 4,509 | 100 |
| Contributory State and School | 1997 | \$ 7,319 | 100\% |
|  | 1998 | 7,336 | 100 |
|  | 1999 | 7,310 | 100 |
|  | 2000 | 6,960 | 100 |
|  | 2001 | 5,554 | 100 |
|  | 2002 | 4,294 | 100 |
|  | 2003 | 4,416 | 100 |
|  | 2004 | 5,742 | 100 |
|  | 2005 | 6,119 | 100 |
|  | 2006 | 6,228 | 100 |
| Total <br> Contributory <br> Retirement <br> System | 1997 | \$10,651 | 100\% |
|  | 1998 | 10,729 | 100 |
|  | 1999 | 10,840 | 100 |
|  | 2000 | 10,484 | 100 |
|  | 2001 | 8,480 | 100 |
|  | 2002 | 6,735 | 100 |
|  | 2003 | 7,297 | 100 |
|  | 2004 | 9,564 | 100 |
|  | 2005 | 10,357 | 100 |
|  | 2006 | 10,737 | 100 |

## Public Safety Retirement System

## Schedules of Fiduciary Net AssetsPension Trust Fund by Division

## December 31, 2006

With Comparative Totals for December 31, 2005

|  | (inthousands) |  | Salt Lake City |
| :---: | :---: | :---: | :---: |
|  | State of Utah Public Safety | Other Division A (with Social Security) |  |
| Assets: |  |  |  |
| Cash | \$ 2 | 2 | 2 |
| Receivables: |  |  |  |
| Member contributions | 3 | 139 | 1 |
| Employer contributions | 1,079 | 1,526 | 334 |
| Investments | 9,642 | 10,968 | 2,442 |
| Total receivables | 10,724 | 12,633 | 2,777 |
| Investments at fair value: |  |  |  |
| Short term securities, domestic | 74,182 | 84,386 | 18,785 |
| Short term securities, international | 3,790 | 4,312 | 960 |
| Debt securities, domestic | 130,465 | 148,413 | 33,037 |
| Debt securities, international | 33,874 | 38,534 | 8,578 |
| Equity investments, domestic | 231,237 | 263,048 | 58,556 |
| Equity investments, international | 122,263 | 139,082 | 30,960 |
| Absolute return | 43,182 | 49,123 | 10,935 |
| Private equity | 28,938 | 32,919 | 7,328 |
| Real estate | 120,059 | 136,575 | 30,402 |
| Mortgage loans | 247 | 281 | 63 |
| Total investments | 788,237 | 896,673 | 199,604 |
| Invested securities lending collateral | 79,025 | 89,896 | 20,011 |
| Property and equipment at cost, net of accumulated depreciation | 73 | 83 | 19 |
| Total assets | 878,061 | 999,287 | 222,413 |
| Liabilities: |  |  |  |
| Securities lending collateral liability | 79,025 | 89,896 | 20,011 |
| Disbursements in excess of cash balance | 813 | 924 | 206 |
| Compensated absences, post employment benefits and insurance reserve | 501 | 570 | 127 |
| Investment accounts payable | 36,916 | 41,994 | 9,348 |
| Real estate liabilities | 45,909 | 52,224 | 11,625 |
| Total liabilities | 163,164 | 185,608 | 41,317 |
| Net assets held in trust for pension benefits | \$714,897 | 813,679 | 181,096 |


| Ogden | Provo | Logan | Bountiful | $\begin{array}{r} \text { Other } \\ \text { Division B } \\ \text { (without } \\ \text { Social Security) } \end{array}$ | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 2006 | 2005 |
| 2 | 1 | 2 | 2 | 2 | 15 | 15 |
| - | 24 | 17 | - | 54 | 238 | 235 |
| 58 | 27 | 35 | 25 | 368 | 3,452 | 2,802 |
| 655 | 436 | 250 | 219 | 2,103 | 26,715 | 74,936 |
| 713 | 487 | 302 | 244 | 2,525 | 30,405 | 77,973 |
| 5,040 | 3,354 | 1,926 | 1,686 | 16,179 | 205,538 | 116,628 |
| 258 | 171 | 98 | 86 | 827 | 10,502 | 15,045 |
| 8,865 | 5,897 | 3,386 | 2,966 | 28,454 | 361,483 | 341,696 |
| 2,302 | 1,531 | 879 | 770 | 7,388 | 93,856 | 86,062 |
| 15,712 | 10,452 | 6,000 | 5,257 | 50,432 | 640,694 | 634,982 |
| 8,308 | 5,527 | 3,173 | 2,779 | 26,665 | 338,757 | 365,632 |
| 2,934 | 1,952 | 1,121 | 982 | 9,418 | 119,647 | - |
| 1,966 | 1,308 | 751 | 658 | 6,311 | 80,179 | 60,828 |
| 8,158 | 5,427 | 3,115 | 2,729 | 26,185 | 332,650 | 234,056 |
| 17 | 11 | 6 | 6 | 54 | 685 | 682 |
| 53,560 | 35,630 | 20,455 | 17,919 | 171,913 | 2,183,991 | 1,855,611 |
| 5,370 | 3,572 | 2,051 | 1,796 | 17,235 | 218,956 | 236,815 |
| 5 | 3 | 2 | 2 | 16 | 203 | 300 |
| 59,650 | 39,693 | 22,812 | 19,963 | 191,691 | 2,433,570 | 2,170,714 |
| 5,370 | 3,572 | 2,051 | 1,796 | 17,235 | 218,956 | 236,815 |
| 55 | 37 | 21 | 18 | 177 | 2,251 | 1,346 |
| 34 | 23 | 13 | 11 | 109 | 1,388 | 1,157 |
| 2,508 | 1,669 | 958 | 839 | 8,051 | 102,283 | 109,276 |
| 3,119 | 2,075 | 1,191 | 1,044 | 10,013 | 127,200 | 85,669 |
| 11,086 | 7,376 | 4,234 | 3,708 | 35,585 | 452,078 | 434,263 |
| 48,564 | 32,317 | 18,578 | 16,255 | 156,106 | 1,981,492 | 1,736,451 |

## Public Safety Retirement System

## Schedules of Changes in Fiduciary Net AssetsPension Trust Fund by Division

Year Ended December 31, 2006
With Comparative Totals for Year Ended December 31, 2005

|  | State of Utah Public Safety | Other Division A (with Social Security) | Salt Lake City |
| :---: | :---: | :---: | :---: |
| Additions: |  |  |  |
| Contributions: |  |  |  |
| Member | \$ 195 | 2,496 | 144 |
| Employer | 24,269 | 28,146 | 8,292 |
| Total contributions | 24,464 | 30,642 | 8,436 |
| Investment income: |  |  |  |
| Net appreciation in fair value of investments | 73,112 | 82,843 | 18,532 |
| Interest, dividends and other investment income | 19,393 | 21,974 | 4,915 |
| Total income from investment activity | 92,505 | 104,817 | 23,447 |
| Less investment expenses | 2,010 | 2,277 | 509 |
| Net income from investment activity | 90,495 | 102,540 | 22,938 |
| Income from security lending activity | 263 | 298 | 67 |
| Net investment income | 90,758 | 102,838 | 23,005 |
| Transfers from affiliated systems | 2,434 | (908) | 362 |
| Total additions | 117,656 | 132,572 | 31,803 |
| Deductions: |  |  |  |
| Retirement benefits | 27,584 | 24,663 | 8,371 |
| Cost of living benefits | 4,744 | 4,037 | 2,160 |
| Supplemental retirement benefits | 293 | 152 | 64 |
| Refunds | - | 397 | - |
| Administrative expenses | 368 | 403 | 112 |
| Total deductions | 32,989 | 29,652 | 10,707 |
| Increase from operations | 84,667 | 102,920 | 21,096 |
| Net assets held in trust for pension benefits beginning of year | 630,230 | 710,759 | 160,000 |
| Net assets held in trust for pension benefits end of year | \$714,897 | 813,679 | 181,096 |


| Ogden | Provo | Logan | Bountiful |  | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 2006 | 2005 |
| 18 | 645 | 214 | - | 855 | 4,567 | 4,806 |
| 1,381 | 634 | 366 | 327 | 7,051 | 70,466 | 61,326 |
| 1,399 | 1,279 | 580 | 327 | 7,906 | 75,033 | 66,132 |
| 5,054 | 3,307 | 1,903 | 1,654 | 15,641 | 202,046 | 108,447 |
| 1,341 | 877 | 505 | 439 | 4,149 | 53,593 | 43,551 |
| 6,395 | 4,184 | 2,408 | 2,093 | 19,790 | 255,639 | 151,998 |
| 139 | 91 | 52 | 45 | 430 | 5,553 | 4,610 |
| 6,256 | 4,093 | 2,356 | 2,048 | 19,360 | 250,086 | 147,388 |
| 18 | 12 | 7 | 6 | 56 | 727 | 683 |
| 6,274 | 4,105 | 2,363 | 2,054 | 19,416 | 250,813 | 148,071 |
| (305) | (84) | 23 | 209 | 1,553 | 3,284 | 4,257 |
| 7,368 | 5,300 | 2,966 | 2,590 | 28,875 | 329,130 | 218,460 |
| 2,557 | 1,171 | 700 | 484 | 4,191 | 69,721 | 62,608 |
| 482 | 275 | 100 | 82 | 357 | 12,237 | 10,859 |
| 19 | 9 | 1 | 3 | - | 541 | 574 |
| 22 | 91 | - | - | 52 | 562 | 1,026 |
| 28 | 18 | 9 | 8 | 82 | 1,028 | 985 |
| 3,108 | 1,564 | 810 | 577 | 4,682 | 84,089 | 76,052 |
| 4,260 | 3,736 | 2,156 | 2,013 | 24,193 | 245,041 | 142,408 |
| 44,304 | 28,581 | 16,422 | 14,242 | 131,913 | 1,736,451 | 1,594,043 |
| 48,564 | 32,317 | 18,578 | 16,255 | 156,106 | 1,981,492 | 1,736,451 |

Public Safety Retirement System

## Schedules of Funding Progress by Division

(dollarsinthousands)

| Division | Date | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | $\begin{array}{r} \text { (2) } \\ \begin{array}{c} \text { Actuarial } \\ \text { Acrued } \\ \text { Liability } \\ \text { (AALL } \\ \text { Entry Age } \end{array} \end{array}$ | $\begin{array}{r} \text { (3) } \\ \text { Unfunded } \\ \text { AAL } \\ \text { (UALL) } \\ (2)-(1) \end{array}$ | $\begin{array}{r} \text { (4) } \\ \text { Funded } \\ \text { Ratios } \\ \text { (1)/(2) } \end{array}$ | $\begin{gathered} \text { (5) } \\ \begin{array}{c} \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array} \end{gathered}$ | 6) <br> UAAL as a \% of Covered (3)/(5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Safety State of Utah | 1/01/98 | \$318,711 | 363,551 | 44,840 | 87.7\% | \$ 69,652 | 64.4\% |
|  | 1/01/99 | 363,057 | 391,061 | 28,004 | 92.8 | 74,094 | 37.8 |
|  | 1/01/00 | 419,682 | 415,815 | $(3,867)$ | 100.9 | 77,352 | (5.0) |
|  | 1/01/01 | 470,153 | 452,131 | $(18,022)$ | 104.0 | 83,674 | (21.5) |
|  | 1/01/02 | 501,970 | 508,897 | 6,927 | 98.6 | 88,523 | 7.8 |
|  | 1/01/03 | 491,499 | 536,944 | 45,445 | 91.5 | 90,782 | 50.1 |
|  | 1/01/04 | 526,545 | 565,809 | 39,264 | 93.1 | 91,540 | 42.9 |
|  | 1/01/05 | 554,342 | 630,095 | 75,753 | 88.0 | 97,654 | 77.6 |
|  | 1/01/06 | 592,472 | 656,157 | 63,685 | 90.3 | 94,611 | 67.3 |
|  | 12/31/06 | 652,239 | 698,379 | 46,140 | 93.4 | 100,368 | 46.0 |
| Public Safety Other Division A (with Social Security) | 1/01/98 | \$352,448 | 344,437 | $(8,011)$ | 102.3\% | \$ 79,944 | (10.0)\% |
|  | 1/01/99 | 402,408 | 380,864 | $(21,544)$ | 105.7 | 89,257 | (24.1) |
|  | 1/01/00 | 467,856 | 407,837 | $(60,019)$ | 114.7 | 97,056 | (61.8) |
|  | 1/01/01 | 526,386 | 450,645 | $(75,741)$ | 116.8 | 109,941 | (68.9) |
|  | 1/01/02 | 564,325 | 518,791 | $(45,534)$ | 108.8 | 115,482 | (39.4) |
|  | 1/01/03 | 553,911 | 558,141 | 4,230 | 99.2 | 118,507 | 3.6 |
|  | 1/01/04 | 594,020 | 603,281 | 9,261 | 98.5 | 125,617 | 7.4 |
|  | 1/01/05 | 625,506 | 669,261 | 43,755 | 93.5 | 132,238 | 33.1 |
|  | 1/01/06 | 668,555 | 718,533 | 49,978 | 93.0 | 136,367 | 36.6 |
|  | 12/31/06 | 743,225 | 774,356 | 31,131 | 96.0 | 145,274 | 21.4 |
| Public Safety Salt Lake City | 1/01/98 | \$ 90,670 | 130,903 | 40,233 | 69.3\% | \$ 16,069 | 250.4\% |
|  | 1/01/99 | 101,349 | 136,236 | 34,887 | 74.4 | 16,355 | 213.3 |
|  | 1/01/00 | 115,568 | 143,223 | 27,655 | 80.7 | 17,224 | 160.6 |
|  | 1/01/01 | 127,803 | 148,910 | 21,107 | 85.8 | 17,883 | 118.0 |
|  | 1/01/02 | 135,031 | 158,626 | 23,595 | 85.1 | 18,579 | 127.0 |
|  | 1/01/03 | 129,690 | 168,084 | 38,394 | 77.2 | 19,305 | 198.9 |
|  | 1/01/04 | 138,148 | 176,136 | 37,988 | 78.4 | 20,380 | 186.4 |
|  | 1/01/05 | 142,134 | 187,740 | 45,606 | 75.7 | 20,672 | 220.6 |
|  | 1/01/06 | 150,347 | 200,080 | 49,733 | 75.1 | 22,778 | 218.3 |
|  | 12/31/06 | 165,100 | 210,688 | 45,588 | 78.4 | 24,330 | 187.4 |
| Public Safety Ogden | 1/01/98 | \$ 27,838 | 31,691 | 3,853 | 87.8\% | \$ 3,899 | 98.8\% |
|  | 1/01/99 | 31,038 | 34,191 | 3,153 | 90.8 | 4,126 | 76.4 |
|  | 1/01/00 | 35,220 | 36,839 | 1,619 | 95.6 | 4,442 | 36.4 |
|  | 1/01/01 | 38,652 | 38,128 | (524) | 101.4 | 4,513 | (11.6) |
|  | 1/01/02 | 40,505 | 40,331 | (174) | 100.4 | 4,763 | (3.7) |
|  | 1/01/03 | 38,568 | 42,649 | 4,081 | 90.4 | 5,059 | 80.7 |
|  | 1/01/04 | 40,214 | 44,245 | 4,031 | 90.9 | 5,120 | 78.7 |
|  | 1/01/05 | 40,288 | 47,666 | 7,378 | 84.5 | 5,167 | 142.8 |
|  | 1/01/06 | 41,541 | 49,440 | 7,899 | 84.0 | 4,842 | 163.1 |
|  | 12/31/06 | 44,077 | 50,926 | 6,849 | 86.6 | 5,130 | 133.5 |
| Public Safety Provo | 1/01/98 | \$ 14,904 | 18,311 | 3,407 | 81.4\% | \$ 3,532 | 96.5\% |
|  | 1/01/99 | 16,906 | 20,036 | 3,130 | 84.4 | 3,740 | 83.7 |
|  | 1/01/00 | 19,601 | 21,478 | 1,877 | 91.3 | 4,069 | 46.1 |
|  | 1/01/01 | 22,045 | 23,608 | 1,563 | 93.4 | 4,446 | 35.2 |
|  | 1/01/02 | 23,568 | 25,176 | 1,608 | 93.6 | 4,365 | 36.8 |
|  | 1/01/03 | 22,875 | 26,434 | 3,559 | 86.5 | 4,512 | 78.9 |
|  | 1/01/04 | 24,546 | 28,009 | 3,463 | 87.6 | 4,482 | 77.3 |
|  | 1/01/05 | 25,302 | 30,072 | 4,770 | 84.1 | 4,402 | 108.4 |
|  | 1/01/06 | 26,857 | 32,359 | 5,502 | 83.0 | 4,626 | 118.9 |
|  | 12/31/06 | 29,473 | 34,282 | 4,809 | 86.0 | 4,504 | 106.8 |

Public Safety Retirement System
Schedules of Funding Progress by Division (Continued)
(dollarsin $t h o u s a n d s)$

| Division | Date |  | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | (2) <br> Actuarial Accrued Liability (AAL) Entry Age | $\begin{array}{r} \text { (3) } \\ \text { Unfunded } \\ \text { AAL } \\ \text { (UALL) } \\ (2)-(1) \end{array}$ | $\begin{array}{r} \text { (4) } \\ \text { Funded } \\ \text { Ratios } \\ (1) /(2) \end{array}$ |  | $\begin{array}{r} \text { (5) } \\ \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array}$ | (6) <br> UAAL as a \% of Covered (3)/(5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Public Safety Logan | 1/01/98 | \$ | 8,397 | 8,358 | (39) | 100.5\% | \$ | 1,671 | (2.3)\% |
|  | 1/01/99 |  | 9,542 | 9,066 | (476) | 105.3 |  | 1,800 | (26.4) |
|  | 1/01/00 |  | 11,086 | 9,898 | $(1,188)$ | 112.0 |  | 2,019 | (58.8) |
|  | 1/01/01 |  | 12,462 | 11,221 | $(1,241)$ | 111.1 |  | 2,131 | (58.2) |
|  | 1/01/02 |  | 13,375 | 12,422 | (953) | 107.7 |  | 2,199 | (43.3) |
|  | 1/01/03 |  | 13,099 | 13,685 | 586 | 95.7 |  | 2,312 | 25.3 |
|  | 1/01/04 |  | 13,826 | 14,599 | 773 | 94.7 |  | 2,372 | 32.6 |
|  | 1/01/05 |  | 14,510 | 16,234 | 1,724 | 89.4 |  | 2,467 | 69.9 |
|  | 1/01/06 |  | 15,432 | 16,885 | 1,453 | 91.4 |  | 2,308 | 63.0 |
|  | 12/31/06 |  | 16,938 | 17,940 | 1,002 | 94.4 |  | 2,434 | 41.2 |
| Public Safety Bountiful | 1/01/98 | \$ | 7,402 | 8,310 | 908 | 89.1\% | \$ | 1,246 | 72.9\% |
|  | 1/01/99 |  | 8,157 | 8,959 | 802 | 91.0 |  | 1,327 | 60.4 |
|  | 1/01/00 |  | 9,369 | 9,444 | 75 | 99.2 |  | 1,384 | 5.4 |
|  | 1/01/01 |  | 10,439 | 10,101 | (338) | 103.3 |  | 1,442 | (23.4) |
|  | 1/01/02 |  | 11,148 | 10,484 | (664) | 106.3 |  | 1,518 | (43.7) |
|  | 1/01/03 |  | 10,958 | 11,170 | 212 | 98.1 |  | 1,601 | 13.2 |
|  | 1/01/04 |  | 11,809 | 11,640 | (169) | 101.5 |  | 1,653 | (10.2) |
|  | 1/01/05 |  | 12,384 | 12,337 | (47) | 100.4 |  | 1,621 | (2.9) |
|  | 1/01/06 |  | 13,392 | 13,966 | 574 | 95.9 |  | 1,724 | 33.3 |
|  | 12/31/06 |  | 14,838 | 15,047 | 209 | 98.6 |  | 1,649 | 12.7 |
| Public Safety Other Division B (without Social Security) | 1/01/98 | \$ | 46,781 | 46,539 | (242) | 100.5\% | \$ | 19,451 | (1.2) \% |
|  | 1/01/99 |  | 56,343 | 53,734 | $(2,609)$ | 104.9 |  | 21,715 | (12.0) |
|  | 1/01/00 |  | 67,949 | 60,632 | $(7,317)$ | 112.1 |  | 22,511 | (32.5) |
|  | 1/01/01 |  | 79,056 | 72,132 | $(6,924)$ | 109.6 |  | 23,955 | (28.9) |
|  | 1/01/02 |  | 86,544 | 91,407 | 4,863 | 94.7 |  | 25,354 | 19.2 |
|  | 1/01/03 |  | 88,835 | 101,384 | 12,549 | 87.6 |  | 26,400 | 47.5 |
|  | 1/01/04 |  | 99,780 | 113,039 | 13,259 | 88.3 |  | 27,238 | 48.7 |
|  | 1/01/05 |  | 110,438 | 133,380 | 22,942 | 82.8 |  | 29,576 | 77.6 |
|  | 1/01/06 |  | 124,426 | 147,032 | 22,606 | 84.6 |  | 31,500 | 71.8 |
|  | 12/31/06 |  | 143,308 | 162,391 | 19,083 | 88.2 |  | 32,973 | 57.9 |
| Total <br> Public Safety <br> Retirement System | 1/01/98 | \$ | 867,151 | 952,100 | 84,949 | 91.1\% |  | \$195,464 | 43.5\% |
|  | 1/01/99 | 988,800 |  | 1,034,147 | 45,347 | 95.6 |  | 212,414 | 21.3 |
|  | 1/01/00 |  | 1,146,331 | 1,105,166 | $(41,165)$ | 103.7 |  | 226,057 | (18.2) |
|  | 1/01/01 |  | 1,286,996 | 1,206,876 | $(80,120)$ | 106.6 |  | 247,985 | (32.3) |
|  | 1/01/02 |  | 1,376,466 | 1,366,134 | $(10,332)$ | 100.8 |  | 260,783 | (4.0) |
|  | 1/01/03 |  | 1,349,435 | 1,458,491 | 109,056 | 92.5 |  | 268,478 | 40.6 |
|  | 1/01/04 |  | 1,448,888 | 1,556,758 | 107,870 | 93.1 |  | 278,402 | 38.7 |
|  | 1/01/05 |  | 1,524,904 | 1,726,785 | 201,881 | 88.3 |  | 293,797 | 68.7 |
|  | 1/01/06 |  | 1,633,022 | 1,834,452 | 201,430 | 89.0 |  | 298,756 | 67.4 |
|  | 12/31/06 |  | 1,809,198 | 1,964,009 | 154,811 | 92.1 |  | 316,662 | 48.9 |

Public Safety Retirement System

## Schedules of Employer Contributions by Division

(dollarsin thousands)

| Division | YearEnded | Employer Contributions |  |
| :---: | :---: | :---: | :---: |
|  |  | Annual Required Contributions | Percentage Contributed |
| Public Safety | 1997 | \$14,310 | 100\% |
| State of Utah | 1998 | 16,515 | 100 |
|  | 1999 | 17,888 | 100 |
|  | 2000 | 19,250 | 100 |
|  | 2001 | 17,990 | 100 |
|  | 2002 | 16,476 | 100 |
|  | 2003 | 17,406 | 100 |
|  | 2004 | 20,923 | 100 |
|  | 2005 | 21,340 | 100 |
|  | 2006 | 24,269 | 100 |
| Public Safety | 1997 | \$10,755 | 100\% |
| Other Division A | 1998 | 13,448 | 100 |
| (with Social Security) | 1999 | 15,611 | 100 |
|  | 2000 | 17,700 | 100 |
|  | 2001 | 16,326 | 100 |
|  | 2002 | 14,639 | 100 |
|  | 2003 | 16,980 | 100 |
|  | 2004 | 21,426 | 100 |
|  | 2005 | 24,049 | 100 |
|  | 2006 | 28,146 | 100 |
| Public Safety | 1997 | \$ 5,222 | 100\% |
| Salt Lake City | 1998 | 5,482 | 100 |
|  | 1999 | 5,986 | 100 |
|  | 2000 | 6,286 | 100 |
|  | 2001 | 6,052 | 100 |
|  | 2002 | 5,633 | 100 |
|  | 2003 | 6,182 | 100 |
|  | 2004 | 6,405 | 100 |
|  | 2005 | 7,424 | 100 |
|  | 2006 | 8,292 | 100 |
| Public Safety | 1997 | \$ 899 | 100\% |
| Ogden | 1998 | 1,003 | 100 |
|  | 1999 | 1,133 | 100 |
|  | 2000 | 1,122 | 100 |
|  | 2001 | 1,070 | 100 |
|  | 2002 | 976 | 100 |
|  | 2003 | 986 | 100 |
|  | 2004 | 1,158 | 100 |
|  | 2005 | 1,170 | 100 |
|  | 2006 | 1,381 | 100 |
| Public Safety | 1997 | \$ 423 | 100\% |
| Provo | 1998 | 479 | 100 |
|  | 1999 | 537 | 100 |
|  | 2000 | 562 | 100 |
|  | 2001 | 485 | 100 |
|  | 2002 | 433 | 100 |
|  | 2003 | 455 | 100 |
|  | 2004 | 543 | 100 |
|  | 2005 | 565 | 100 |
|  | 2006 | 634 | 100 |

Public Safety Retirement System
Schedules of Employer Contributions by Division (Continued)

| Division | $\begin{aligned} & \text { Year } \\ & \text { Ended } \end{aligned}$ | Employer Contributions |  |
| :---: | :---: | :---: | :---: |
|  |  | Annual Required Contributions | Percentage |
| Public Safety | 1997 | \$ 96 | 100\% |
| Logan | 1998 | 131 | 100 |
|  | 1999 | 162 | 100 |
|  | 2000 | 162 | 100 |
|  | 2001 | 109 | 100 |
|  | 2002 | 78 | 100 |
|  | 2003 | 132 | 100 |
|  | 2004 | 221 | 100 |
|  | 2005 | 271 | 100 |
|  | 2006 | 366 | 100 |
| Public Safety | 1997 | \$ 230 | 100\% |
| Bountiful | 1998 | 277 | 100 |
|  | 1999 | 320 | 100 |
|  | 2000 | 340 | 100 |
|  | 2001 | 320 | 100 |
|  | 2002 | 291 | 100 |
|  | 2003 | 298 | 100 |
|  | 2004 | 310 | 100 |
|  | 2005 | 339 | 100 |
|  | 2006 | 327 | 100 |
| Public Safety | 1997 | \$ 2,282 | 100\% |
| Other Division B | 1998 | 2,764 | 100 |
| (without Social Security) | 1999 | 3,473 | 100 |
|  | 2000 | 3,931 | 100 |
|  | 2001 | 3,761 | 100 |
|  | 2002 | 3,738 | 100 |
|  | 2003 | 4,216 | 100 |
|  | 2004 | 5,333 | 100 |
|  | 2005 | 6,168 | 100 |
|  | 2006 | 7,051 | 100 |
| Total | 1997 | \$34,217 | 100\% |
|  | 1998 | 40,099 | 100 |
| Retirement System | 1999 | 45,110 | 100 |
|  | 2000 | 49,353 | 100 |
|  | 2001 | 46,113 | 100 |
|  | 2002 | 42,264 | 100 |
|  | 2003 | 46,655 | 100 |
|  | 2004 | 56,319 | 100 |
|  | 2005 | 61,326 | 100 |
|  | 2006 | 70,466 | 100 |

## Firefighters Retirement System

## Schedules of Fiduciary Net AssetsPension Trust Fund by Division

December 31, 2006
With Comparative Totals for December 31, 2005


## Firefighters Retirement System

## Schedules of Changes in Fiduciary Net AssetsPension Trust Fund by Division

Year Ended December 31, 2006
With Comparative Totals for Year Ended December 31, 2005

|  | $\begin{array}{r} \text { Division A } \\ \text { (with } \\ \text { Social Security } \end{array}$ | $\begin{array}{r} \text { Division B } \\ \text { (without } \\ \text { Social Security) } \\ \hline \end{array}$ | Total All Divisions |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2006 | 2005 |
| Additions: |  |  |  |  |
| Contributions: |  |  |  |  |
| Member | \$ 1,955 | 5,806 | 7,761 | 6,726 |
| Fire insurance tax | 2,153 | 7,365 | 9,518 | 9,601 |
| Total contributions | 4,108 | 13,171 | 17,279 | 16,327 |
| Investment income: |  |  |  |  |
| Net appreciation in fair value of investments | 9,061 | 70,341 | 79,402 | 43,085 |
| Interest, dividends and other investment income | 2,403 | 18,658 | 21,061 | 17,302 |
| Total income from investment activity | 11,464 | 88,999 | 100,463 | 60,387 |
| Less investment expenses | 249 | 1,934 | 2,183 | 1,831 |
| Net income from investment activity | 11,215 | 87,065 | 98,280 | 58,556 |
| Income from security lending activity | 33 | 253 | 286 | 271 |
| Net investment income | 11,248 | 87,318 | 98,566 | 58,827 |
| Transfers from affiliated systems | 932 | 893 | 1,825 | 601 |
| Total additions | 16,288 | 101,382 | 117,670 | 75,755 |
| Deductions: |  |  |  |  |
| Retirement benefits | 2,182 | 20,940 | 23,122 | 21,405 |
| Cost of living benefits | 335 | 5,471 | 5,806 | 5,252 |
| Supplemental retirement benefits | 25 | 544 | 569 | 612 |
| Refunds | 31 | 83 | 114 | 72 |
| Administrative expenses | 41 | 304 | 345 | 331 |
| Total deductions | 2,614 | 27,342 | 29,956 | 27,672 |
| Increase from operations | 13,674 | 74,040 | 87,714 | 48,083 |
| Net assets held in trust for pension benefits beginning of year | 76,788 | 609,274 | 686,062 | 637,979 |
| Net assets held in trust for pension benefits end of year | \$90,462 | 683,314 | 773,776 | 686,062 |

## Firefighters Retirement System

## Schedules of Funding Progress by Division

(dollarsinthousands)

| Division | Date | $\begin{array}{r} \text { (1) } \\ \text { Actuarial } \\ \text { Value of } \\ \text { Assets } \end{array}$ | (2) <br> Actuarial Accrued Liability (AAL) Entry Age | $\begin{array}{r} \text { (3) } \\ \text { Unfunded } \\ \text { AAL } \\ (\text { (UALL) } \\ (2)-(1) \end{array}$ | $\begin{array}{r} (4) \\ \text { Funded } \\ \text { Ratios } \\ \text { Rat)/(2) } \end{array}$ | $\begin{array}{r} \text { (5) } \\ \text { Annual } \\ \text { Covered } \\ \text { Payroll } \end{array}$ | (6) <br> UAAL as a \% of Covered Payroll (3)/(5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Firefighters | 1/01/98 | \$ 42,528 | 37,464 | $(5,064)$ | 113.5\% | \$ 7,968 | (63.6)\% |
| Division A | 1/01/99 | 48,851 | 40,479 | $(8,372)$ | 120.7 | 9,375 | (89.3) |
| (with Social Security) | 1/01/00 | 56,976 | 42,464 | $(14,512)$ | 134.2 | 10,944 | (132.6) |
|  | 1/01/01 | 49,688 | 38,955 | $(10,733)$ | 127.6 | 9,733 | (110.3) |
|  | 1/01/02 | 54,345 | 46,108 | $(8,237)$ | 117.9 | 12,070 | (68.2) |
|  | 1/01/03 | 55,202 | 51,170 | $(4,032)$ | 107.9 | 13,423 | (30.0) |
|  | 1/01/04 | 60,889 | 56,399 | $(4,490)$ | 108.0 | 14,524 | (30.9) |
|  | 1/01/05 | 65,260 | 62,802 | $(2,458)$ | 103.9 | 15,490 | (15.9) |
|  | 1/01/06 | 72,396 | 73,109 | 713 | 99.0 | 18,344 | 3.9 |
|  | 12/31/06 | 82,969 | 81,804 | $(1,165)$ | 101.4 | 20,076 | (5.8) |
| Firefighters | 1/01/98 | \$333,650 | 347,511 | 13,861 | 96.0\% | \$43,319 | 32.0\% |
| Division B | 1/01/99 | 374,554 | 367,224 | $(7,330)$ | 102.0 | 44,951 | (16.3) |
| (without Social Security) | 1/01/00 | 426,398 | 376,693 | $(49,705)$ | 113.2 | 46,617 | (106.6) |
|  | 1/01/01 | 486,815 | 416,501 | $(70,314)$ | 116.9 | 53,541 | (131.3) |
|  | 1/01/02 | 514,806 | 445,166 | $(69,640)$ | 115.6 | 55,122 | (126.3) |
|  | 1/01/03 | 498,387 | 469,994 | $(28,393)$ | 106.0 | 57,931 | (49.0) |
|  | 1/01/04 | 528,613 | 492,979 | $(35,634)$ | 107.2 | 61,095 | (58.3) |
|  | 1/01/05 | 545,428 | 516,089 | $(29,339)$ | 105.7 | 64,148 | (45.7) |
|  | 1/01/06 | 572,100 | 541,250 | $(30,850)$ | 105.7 | 65,717 | (46.9) |
|  | 12/31/06 | 622,082 | 573,460 | $(48,622)$ | 108.5 | 68,606 | (70.9) |
| Total | 1/01/98 | \$376,178 | 384,975 | 8,797 | 97.7\% | \$51,287 | 17.2\% |
| Firefighters | 1/01/99 | 423,405 | 407,703 | $(15,702)$ | 103.9 | 54,326 | (28.9) |
| Retirement | 1/01/00 | 483,374 | 419,157 | $(64,217)$ | 115.3 | 57,561 | (111.6) |
| System | 1/01/01 | 536,503 | 455,456 | $(81,047)$ | 117.8 | 63,274 | (128.1) |
|  | 1/01/02 | 569,151 | 491,274 | $(77,877)$ | 115.9 | 67,192 | (115.9) |
|  | 1/01/03 | 553,589 | 521,164 | $(32,425)$ | 106.2 | 71,354 | (45.4) |
|  | 1/01/04 | 589,502 | 549,378 | $(40,124)$ | 107.3 | 75,619 | (53.1) |
|  | 1/01/05 | 610,688 | 578,891 | $(31,797)$ | 105.5 | 79,638 | (39.9) |
|  | 1/01/06 | 644,496 | 614,359 | $(30,137)$ | 104.9 | 84,061 | (35.9) |
|  | 12/31/06 | 705,051 | 655,264 | $(49,787)$ | 107.6 | 88,682 | (56.1) |

## Utah Retirement Systems

## Schedules of Employer Contributions by Division

(dollarsinthousands)

| Division | $\begin{gathered} \text { Year } \\ \text { Ended } \end{gathered}$ | Employer Contributions |  |
| :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} \text { Annual } \\ \text { Required } \\ \text { Contributions } \end{array}$ | Percentage Contributed |
| Firefighters | 1997 | \$ 691 | 100 |
| Division A | 1998 | 758 | 100 |
| (with Social Security) | 1999 | 813 | 100 |
|  | 2000 | 1,290 | 100 |
|  | 2001 | 1,489 | 100 |
|  | 2002 | 1,791 | 100 |
|  | 2003 | 1,748 | 100 |
|  | 2004 | 1,687 | 100 |
|  | 2005 | 2,098 | 100 |
|  | 2006 | 2,153 | 100 |
| Firefighters | 1997 | \$6,697 | 100 |
| Division B | 1998 | 6,179 | 100 |
| (without Social Security) | 1999 | 4,924 | 100 |
|  | 2000 | 5,465 | 100 |
|  | 2001 | 6,865 | 100 |
|  | 2002 | 7,663 | 100 |
|  | 2003 | 7,311 | 100 |
|  | 2004 | 6,972 | 100 |
|  | 2005 | 7,503 | 100 |
|  | 2006 | 7,365 | 100 |
| Total | 1997 | \$7,388 | 100 |
| Firefighters | 1998 | 6,937 | 100 |
| Retirement | 1999 | 5,737 | 100 |
| System | 2000 | 6,755 | 100 |
|  | 2001 | 8,354 | 100 |
|  | 2002 | 9,454 | 100 |
|  | 2003 | 9,059 | 100 |
|  | 2004 | 8,659 | 100 |
|  | 2005 | 9,601 | 100 |
|  | 2006 | 9,518 | 100 |

## Utah Retirement Systems

## Schedules of Administrative and Investment Expenses

December 31, 2006
(in thousands)

|  | Defined Benefit Pension Plans | Investment Trust Fund | $\begin{array}{r} \text { Defined } \\ \text { Contribution } \\ \text { Plans } \end{array}$ | Total |
| :---: | :---: | :---: | :---: | :---: |
| Personal services: |  |  |  |  |
| Salaries and wages | \$3,638 | 1,080 | 2,999 | 7,717 |
| Employee benefits | 1,567 | 423 | 1,505 | 3,495 |
| Total personal services | 5,205 | 1,503 | 4,504 | 11,212 |
| Professional services: |  |  |  |  |
| Audit | 110 | - | 22 | 132 |
| Actuarial services | 165 | - | - | 165 |
| General counsel | 600 | 44 | 6 | 650 |
| Banking services | 57 | - | - | 57 |
| Security handling expense | - | 738 | 169 | 907 |
| Investment advisor fees | - | 52,520 | 2,746 | 55,266 |
| Other consulting services | 79 | 600 | 181 | 860 |
| Total professional services | 1,011 | 53,902 | 3,124 | 58,037 |
| Communications: |  |  |  |  |
| Telephone | 81 | 41 | 138 | 260 |
| Postage | 546 | - | 334 | 880 |
| Total communications | 627 | 41 | 472 | 1,140 |
| Rentals: |  |  |  |  |
| Office space | 1,071 | 93 | 74 | 1,238 |
| Total rentals | 1,071 | 93 | 74 | 1,238 |
| Miscellaneous: |  |  |  |  |
| Data processing | 109 | 115 | 332 | 556 |
| Professional development | 292 | 101 | 15 | 408 |
| Contractual services | 397 | 1 | 107 | 505 |
| Supplies and maintenance | 199 | 2 | - | 201 |
| Insurance and bonding premiums | 317 | 4 | 56 | 377 |
| Subscription expense | 11 | 1 | 1 | 13 |
| Office supplies | 305 | - | 34 | 339 |
| Depreciation expense | 332 | - | - | 332 |
| Total miscellaneous | 1,962 | 224 | 545 | 2,731 |
| Total administrative and investment expenses | \$9,876 | 55,763 | 8,719 | 74,358 |
| Allocation of administrative expenses: |  |  |  |  |
| Noncontributory Retirement System | \$7,862 | - | - | 7,862 |
| Contributory Retirement System | 576 | - | - | 576 |
| Public Safety Retirement System | 1,028 | - | - | 1,028 |
| Firefighters Retirement System | 345 | - | - | 345 |
| Judges Retirement System | 60 | - | - | 60 |
| Utah Governors and Legislators Retirement Plan | 5 | - | - | 5 |
| 401(k) Plan | - | - | 5,371 | 5,371 |
| 457 Plan | - | - | 570 | 570 |
| Roth IRA Plan | - | - | 6 | 6 |
| Traditional IRA Plan | - | - | 26 | 26 |
| Health Reimbursement Arrangement (HRA) | - | - | - | - |
| Total administrative expenses | 9,876 | - | 5,973 | 15,849 |
| Investment administrative expense | - | 3,243 | - | 3,243 |
| Investment advisor fees: |  |  |  |  |
| Investment Fund | - | 52,520 | - | 52,520 |
| 401(k) Plan | - | - | 2,481 | 2,481 |
| 457 Plan | - | - | 250 | 250 |
| Roth IRA Plan | - | - | 2 | 2 |
| Traditional IRA Plan | - |  | 13 | 13 |
| Health Reimbursement Arrangement (HRA) | - | - | - | - |
| Total investment advisor fees | - | 52,520 | 2,746 | 58,509 |
| Total administrative and investment expense allocations | \$9,876 | 55,763 | 8,719 | 74,358 |

## 2006

Utah Retirement Systems

Comprehensive Annual Financial Report


## Section

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# Defined Benefit Investments 

## Report on <br> Investment Activity

The economy continued to do well in 2006 with a
Gross Domestic Product of $3.3 \%$ for the year. Most asset classes were positive with the equity asset classes, both domestic and international, in double digits. Real Estate Investment Trusts (RETs) had another exceptional year with the National Association of Real Estate Investment Trusts (NAREIT) index returning over $35 \%$. Fixed income investments trailed with the Lehman

## Brothers Aggregate only returning 4.3\%. The Federal

Reserve's policy on interest rates remained stable while job creation continued its strong growth with 1.8 million jobs created in the year. Certainly equities benefited in the fourth quarter of the year from declining oil prices. The Treasury yield curve began the year with a slightly positive shape as measured between two year notes and thirty year bonds. By the end of the year, the curve was flat with two year notes and thirty year bonds both yielding $4.8 \%$. As in 2005, the markets continued a period of low volatilety creating challenges for active domestic and international equity managers to add excess returns above their benchmarks. The dollar continued its slide. The tradeweighted index was down $5.2 \%$. Inflation continued to remain subdued at $2.5 \%$ as measured by the Consumer Price Index.

The U.S. equity market as measured by the S\&P 500 was up $15.8 \%$ for 2006. The international equity market as measured by the Europe Australia Asia Far East (EAFE) index and the Morgan Stanley Capital International (MCSI) Emerging Markets Free-Unhedged index returned $26.3 \%$ and $32.6 \%$ respectively. Real Estate as measured
by the National Council of Real Estate Investment Fiduciares (NCREIF) was up 16.6\%.

The Utah Retirement Systems (Systems) posted a very strong $14.8 \%$ return for the year. The Systems' gain was helped by its exposure to international equities, both developed and emerging, small cap stocks (both domestic and international), real estate and private equity. In fact, all asset classes produced positive returns. Active management strategies continued to add value net of fees. The Systems' three-year return was $12.4 \%$, down as compared to last year's $16 \%$ number. However, the five-year return continued to increase to $10.5 \%$ as compared to the five year return a year ago of $6.5 \%$. (One of those years includes a bear market.) Over the past ten years, the Systems' portfolio has returned over 9\%, exceeding its actuarial goal of 8\%

During 2006, we continued to further diversity the portfolio into additional active strategies to lower overall market risk. We will continue to diversity the portfolio in 2007 and 2008. However, we expect to maintain our overall return assumption.

As I stated last year, we have been well served by a diversified portfolio. Different asset classes perform well or poorly just about every year. However, this year was an exception in that all asset classes performed relatively well. Because we are a long term investor, we've experienced good years and bad ones. At some time in the future, we will probably report a negative year as we did during the bear market of the beginning of this decade. However, the portfolio is statistically sound and will be able to weather any temporary setbacks. We will continue to provide our participants with the retirement security they need through professional investment.


Bruce H. Cundick, Chief Investment Officer

# Defined Benefit Investments <br> Investment Highlights (Continued) 

## Outline of Investment Policies

## The governing body of the Utah Retirement Systems

## (Systems) is the seven member Utah State Retirement

Board (Board). The Board is composed of the Utah State
Treasurer, who serves as an ex-officio member, and six trustees who are appointed by the Governor. Four board members are appointed for their investment expertise, and two members are appointed to represent employee and employer interests.

The Board has statutory authority to pool pension assets in the Utah Retirement Investment Fund (Fund). Statutes also establish that this Fund shall be invested in accordance with the "prudent person rule". The prudent person rule requires all members of the Board and investment staff to discharge their duties solely in the interest of Systems' participants and beneficiaries and with the care, skill, prudence and diligence which they would exercise in the conduct of their own affairs. To this end a Statement of Investment Policy and Performance Objectives has been created for the Fund and adopted by the Board. The purpose of this Statement is to:

- Outline the expected return and risk profile for the Fund;
- Establish the target asset allocation mix and acceptable rebalancing ranges;
- Describe plan and manager policies and objectives for performance evaluation;
- Communicate investment performance standards to investment managers.

The primary investment objectives are to preserve Fund assets and generate an appropriate level of riskadjusted return to meet future pension obligations.

The Systems periodically complete an asset allocation and liability study to determine the optimal portfolio diversification to meet those obligations.

The Systems' investment portfolio includes strategic, long term commitments in the following asset classes: Domestic Equities, Domestic Debt Securities, International Equities, International Debt Securities, Real Estate, Private Equity, and Absolute Return. Asset allocation is reviewed in conjunction with the plan liabilities at least every five years.

The Board's policy is to establish a long-term strategic asset allocation that manages overall expected portfolio risk (volatility) and maximizes expected return without unduly constraining the discretionary, tactical decisionmaking process of the investment managers.

To implement the asset allocation plan, the Executive Director, supported by the Board, staff and consultant, selects appropriate money management experts to invest the Fund assets. This selection process includes the creation of specific search criteria, completion and documentation of analysis and due diligence on potential candidates, and interviews completed by the staff and/or Board. It is not the staff or Board's intention to be involved with the day-to-day decisions made by external investment managers. Internal investment staff also manage segments of the portfolio.

All managers must acknowledge a co-fiduciary status to the Fund. All managers are expected to communicate with the staff at least quarterly.

Managers' portfolios are evaluated both against appropriate market indices and similar manager style groups. The investment policy outlines appropriate benchmarks.

Investment return calculations are prepared using a time-weighted rate of return based on Performance Presentation Standards of the CFA Institute (CFAI), formerly known as AIMR.

## Defined Benefit Investments

Investment Highlights (Continued)

## 2006 Investment Summary

|  | 2006 <br> Beginning <br> Fair Value | Purchases | Sales and <br> Redemptions | Increase <br> (Decrease) <br> in Fair Value | 2006 <br> Ending <br> Fair Value | Percent <br> of Total <br> Fair Value |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Short term securities, domestic | $\$ 1,172,613$ | $30,375,516$ | $29,490,739$ | - | $2,057,390$ | $9.41 \%$ |
| Short term securities, international | 151,274 | $16,408,948$ | $16,449,935$ | $(5,164)$ | 105,123 | 0.48 |
| Debt securities, domestic | $3,435,532$ | $17,483,138$ | $17,293,027$ | $(7,258)$ | $3,618,385$ | 16.55 |
| Debt securities, international | 865,295 | 825,550 | 774,528 | 23,161 | 939,478 | 4.30 |
| Equities, domestic | $6,384,323$ | $4,956,751$ | $5,117,727$ | 189,882 | $6,413,229$ | 29.34 |
| Equities, international | $3,676,190$ | $1,479,162$ | $1,930,284$ | 165,812 | $3,390,880$ | 15.51 |
| Absolute return | - | $5,146,354$ | $3,963,463$ | 14,747 | $1,197,638$ | 5.48 |
| Private equity | 611,589 | 345,800 | 217,038 | 62,233 | 802,584 | 3.67 |
| Real estate | $2,353,273$ | $1,173,927$ | 448,731 | 251,294 | $3,329,763$ | 15.23 |
| Mortgage loans | 6,864 | - | 16 | - | 6,848 | 0.03 |
| Totals | $\$ 18,656,953$ | $78,195,146$ | $75,685,488$ | 694,707 | $21,861,318$ | $100.00 \%$ |



## Defined Benefit Investments

Investment Highlights (Continued)

## Ten-Year Total Pension Investment Rates of Return



(1) Smoothed Expected Rate of Return consists of investment income in excess or shortfall of the expected $8 \%$ on fair value smoothed over a five-year period with $20 \%$ of a year's excess or shortfall being recognized each year beginning with the current year.
(2) Fair Value Rate of Return consists of cash income plus gains and losses due to changes in fair value, whether realized or unrealized (before deduction of investment fees). (For 2006, 14.42 net of fees.)
(3) Actuarial Assumed Interest Rate is the assumed rate of return on the fair value of assets, and is used in establishing retirement contribution rates and in determining current benefit reserve requirements.

## Defined Benefit Investments

Investment Highlights (Continued)

## Comparative Investment Results (1)(2)(3)

Year Ended December 31, 2006

| Investment Option <br> Comparative Index | 1 Year | 3 Year | 5 Year | 10 Year |
| :--- | :--- | :--- | :--- | :--- |
| Domestic Equity | $14.49 \%$ | $11.61 \%$ | $9.24 \%$ | $9.64 \%$ |
| Russell 3000 Index | 15.72 | 11.19 | 7.17 | 8.64 |
| International Equity | 26.87 | 21.56 | 17.92 | 8.71 |
| International Equity Benchmark | 27.27 | 21.71 | 17.05 | 8.17 |

Benchmark consisting of:
80\% MSCI EAFE Index
10\% MSCI Emerging Markets Index
10\% Citigroup Extended Markets Index World ex-US

| Domestic Debt Securities | 4.03 | 3.76 | 4.53 | 5.68 |
| :--- | ---: | ---: | ---: | ---: |
| Lehman Brothers Aggregate Index | 4.33 | 3.70 | 5.06 | 6.24 |
| International Debt Securities | 9.23 | 5.47 | 10.18 | 5.94 |
| Lehman Brothers Global Aggregate Index | 6.64 | 3.63 | 7.85 | 5.52 |
| Real Estate | 26.45 | 21.92 | 15.71 | 13.32 |
| Real Estate Benchmark | 18.34 | 17.69 | 14.19 | 12.82 |

Benchmark consisting of: 90\% NCREIF Real Estate Index 10\% NAREIT Index

| Private Equity | 17.07 | 23.86 | 12.30 | 11.19 |
| :--- | ---: | ---: | ---: | ---: |
| Private Equity Benchmark | 19.00 | 14.47 | 10.45 | 11.92 |
| Benchmark consisting of: |  |  |  |  |
| $\quad$ 85\% Russell 3000 Index $+3.5 \%$ |  |  |  |  |
| $\quad$ 15\% Russell 3000 Index + 2.0\% |  |  |  |  |
| Absolute Return — Strategic | 2.52 | NA $^{*}$ | NA $^{*}$ | NA $^{*}$ |
| Treasury Bills + 6\% | 10.85 | 9.07 | 8.43 | 9.81 |
| Short Term | 4.84 | 2.99 | 2.78 | 4.74 |
| Treasury Bills | 4.85 | 3.07 | 2.43 | 3.81 |
| Total Fund | 14.77 | 12.65 | 10.70 | 9.07 |
| Fund Benchmark | 15.32 | 11.98 | 9.56 | 8.63 |

Benchmark consisting of:
35\% Russell 3000 Index
20\% Lehman Brothers Aggregate Index
18\% International Equity Benchmark
10\% Real Estate Benchmark
7\% Private Equity Benchmark
5\% Lehman Brothers Globle Aggregate Index
5\% Treasury Bills + 6\%

| CAI Public Fund - Large Database Medium | 14.53 | 11.55 | 9.46 | 9.01 |
| :--- | ---: | ---: | ---: | ---: |
| Inflation | $\mathbf{2 . 5 3}$ | $\mathbf{3 . 0 7}$ | $\mathbf{2 . 7 1}$ | $\mathbf{2 . 4 6}$ |

(1) Callan Associates Inc.
(2)Total rates of return include cash income plus gains and losses due to changes in fair value, whether realized or unrealized.
(3)Investment return calculations were prepared using a time-weighted return in accordance with the Performance Presentation Standards of the CFA Institute (CFAI), formerly known as AIMR.
*Not available.

## Defined Benefit Investments

Investment Highlights (Continued)

## List of Largest Assets Held

December 31, 2006

| Description | Shares | Fair Value |
| :---: | :---: | :---: |
| General Electric Co. | 3,112,153 | \$115,803,213 |
| Citigroup Inc. | 1,658,380 | 92,371,766 |
| Microsoft Corp. | 2,691,391 | 80,364,935 |
| Procter \& Gamble Co. | 1,223.849 | 78,656,775 |
| Bank of America Corp. | 1,454,326 | 77,646,465 |
| CISCO Systems Inc. | 2,579,442 | 70,496,150 |
| Pfizer Inc. | 2,333,490 | 60,437,391 |
| American International Group Inc. | 834,209 | 59,779,417 |
| JP Morgan Chase \& Co. | 1,235,705 | 59,684,552 |
| Johnson \& Johnson | 884,480 | 55,752,570 |
| Largest Debt Securities Holdings (By Fair Value) <br> Description | Par Value | Fair Value |
| FNMA Single Family Mortgage 5\% 30 Years Settles January Rating AAA | \$272,600,000 | 263,144,051 |
| FNMA 30 Year Pass-Throughs 6\% 30 Years Settles January Rating AAA. | 96,950,000 | 97,586,186 |
| FNMA 30 Year Pass-Throughs 5.5\% 30 Years Settles January Rating AAA. | 72,700,000 | 71,836,688 |
| FNMA 15 Year Pass-Throughs 5\% 15 Years Settles January Rating AAA. | 63,000,000 | 61,917,156 |
| FNMA 30 Year Pass-Throughs 6.5\% 30 Years Settles January Rating AAA.. | 58,720,000 | 59,821,000 |
| US Treasury Bonds 6.75\% Due 08/15/2026 Rating AAA. | 47,066,000 | 57,894,851 |
| FNMA 15 Year Pass-Throughs 5.5\% 15 Years Settles January Rating AAA.. | 56,900,000 | 56,882,247 |
| US Treasury Notes 4.625\% Due 11/30/2008 Rating AAA | 50,800,000 | 50,615,444 |
| GNMA 30 Year Single Family Pass-Throughs (SF) 6\% 30 Years Settles January Rating AAA | 48,840,000 | 49,511,550 |
| US Treasury Bonds 4.5\% Due 02/15/2006 Rating AAA. | 48,598,000 | 46,213,685 |

## Defined Benefit Investments

Investment Highlights (Continued)

## Schedules of Fees and Commissions

| Broker Commission Fees |  |
| :--- | ---: |
| Year Ended December 31, 2006 | Total Commission Fees |
| Broker | 704 |
| Credit Lyonin Securities Asia | 2,216 |
| Credit Suisse First Boston | 116,269 |
| Goldman Sachs \& Co. | 12,068 |
| Instinet - France | 3,317 |
| Instinet | 31,722 |
| Instinet U.K. Limited London | 915 |
| Investment Technology Group (ITG) | 153,656 |
| Investment Technology Group Dublin | 230,378 |
| Jefferies \& Company | 9,183 |
| Merrill Lynch Fenner \& Smith | 89,464 |
| Nomura Securities New York | 21,373 |
| Pershing Limited London | 213 |
| Pershing Securities LTD | 143,763 |
| Quantex, New York | 110 |
| UBS AG (London Equities) | 5,549 |
| UBS Securities Asia | 4,311 |
| USB Warburg (Hong Kong) LTD | 58 |
| UBS Warburg Securities LTD Taiwan | $\$ 825,269$ |
| Total |  |

## Schedule of Investment Fees and Commissions

Year Ended December 31, 2006

| Investment advisor fees: |  |
| :--- | ---: |
| Equity securities, domestic | $\$ 9,208,886$ |
| Equity securities, international | $15,631,600$ |
| Debt securities, domestic | $4,776,941$ |
| Debt securities, international | $3,626,360$ |
| Private equity | $16,335,944$ |
| Real estate | $1,130,465$ |
| Absolute return | $1,809,884$ |
| Total investment advisor fees | $52,520,080$ |
| Investment brokerage fees | 825,269 |
| Total fees and commissions | $\$ 53,345,349$ |

## Defined Benefit Investments <br> Investment Highlights (Continued)

## Investment Professionals

| Abbott Capital Management, LLC | Cornerstone Real Estate Advisors LLC |
| :---: | :---: |
| 1211 Avenue of the Americas | One Financial Plaza |
| Suite 4300 | Suite 1700 |
| New York, NY 10036 | Hartford, CT 06103 |
| AEW Capital | Cottonwood Partners |
| Management L.P. | 2855 East Cottonwood |
| World Trade Center East | Parkway |
| Two Seaport Lane | Suite 560 |
| Boston, MA 02110-2021 | Salt Lake City, UT 84121 |
| Alliance Bernstein | Credit Suissee |
| 1345 Avenue of the Americas | 11 Madison Avenue |
| New York, NY 10105 | New York, NY 10010 |
| Arnhold \& S. Bleichroeder Advisors, Inc. | Dimensional Fund Advisors, Inc. |
| 1345 Avenue of the Americas | 1299 Ocean Avenue |
| New York, NY 10105 | Santa Monica, CA 90401 |
| BlackRock Asset Management 40 East 52nd Street New York, NY 10022 | Goldman, Sachs \& Company |
|  | 85 Broad Street |
|  | New York, NY 10004 |
|  | Goldman Sachs |
| Black Rock Realty Advisors | Asset Management |
| 300 Campus Drive | 32 Old Slip |
| Florham Park, NJ 07932 | New York, NY 10005 |
| BNA Realty Advisors | Hancock Timber |
| 3550 N Central Avenue | Resources Group |
| Suite 1025 | 99 High Street |
| Phoenix, AZ 85012 | Boston, MA 02110 |
| Brandes Investment <br> Partners L.P. <br> 11988 El Camino Real <br> Suite 500 <br> San Diego, CA 92130 | Hart Realty Advisors, Inc. |
|  | One Mill Pond Lane |
|  | Simsbury, CT 06070 |
|  |  |
|  | Henderson Global Investors One Financial Plaza |
| Capital Guardian Trust Co. 135 South State College Blvd. Brea, CA 92821 | Hartford, CT 06103 |
|  | ING Clarion |
|  | 230 Park Avenue |
| Capital International | New York, NY 10169 |
| 333 South Hope Street |  |
| Los Angeles, CA 90071 | 1360 Peachtree Street |
| CB Richard Ellis Investors | Suite 100 |
| 515 South Flower Street | Atlanta, GA 30309 |
| 31st Floor |  |
| Los Angeles, CA 90071 | 466 Lexington Avenue New York, NY 10017 |

Cornerstone Real Estate
Advisors LLC
ne Financial Plaza

Hartford, CT 06103
Cottonwood Partners
855 East Cottonwood Parkway
Suite 560
City, UT 8412

11 Madison Avenue
New York, NY 10010
Dimensional Fund
Advisors, Inc.
299 Ocean Avenue

Goldman, Sachs \& Company
85 Broad Street
oldman Sachs
Asset Management
old Slip

Hancock Timber
Resources Group
99 High Street
Boston, MA 02110
Hart Realty Advisors, Inc.
One Mill Pond Lane
Simsbury, CT 06070
Henderson Global Investors
One Financial Plaza

NG Clarion
230 Park Avenue
York, NY 10169

Inco Peachtre Street

Suite 100
Atlanta, GA 30309
ennison Associates, LLC

New York, NY 10017

JP Morgan Fleming Asset Management 227 West Monroe
Chicago, IL 60606
Lazard Freres \& Co., LLC
30 Rockefeller Plaza
New York, NY 10020
Lord Abbett
90 Hudson Street
Jersey City, NJ 07302
Mazama Capita
One SW Columbia Street
Suite 1500
Portland, OR 97258
Mondrian Investment
Partners Limited
10 Gresham Street
Fifth Floor
London ECZV 7JD, UK
Morgan Stanley
Asset Management
1221 Avenue of the Americas
5th Floor
New York, NY 10020
OPUS Group, LLC
P.O. Box 59110

Minneapolis, MN 55459
Pathway Capital
Management, LLC
5 Park Plaza, Suite 300
Irvine, CA 92614
Portfolio Advisors
9 Old Kings Highway
South Darien, CT 06820
Schneider Capital
Management
460 East Swedesford Road
Suite 1080
Wayne, PA 19087
Security Capital
European Realty
Batchworth House
Batchworth Place Church St.
Rickmansworth, Hertfordshire
WD31JE, England

State Street Global Advisors State Street Financial Center One Lincoln Street
Boston, MA 02111
The Praedium Group LLC
825 Third Avenue, 36th Floor
New York, NY 10022
USAA Real Estate Company
9830 Colonnade Blvd.
Suite 600
San Antonio, TX 78230
Waddell \& Reed Asset
Management Group
6300 Lamar Avenue
Shawnee Mission, KS 66201
Wasatch Advisors, Inc.
150 Social Hall Avenue
Suite 400
Salt Lake City, UT 84111
Western Asset
Management Co.
385 East Colorado Blvd.
Suite 1000
Pasadena, CA 91101

## Utah Retirement Systems Consultants

Albourne America LLC
One Ferry Building
Suite 280
San Francisco, CA 94111
Callan Associates Inc.
101 California Street
Suite 3500
San Francisco, CA 94111
Russell Implementation
Services, Inc.
909 A Street
Tacoma, WA 98402
The Northern Trust Company
50 South LaSalle Street
Chicago, IL 60675

# Defined Contributions Investments 

## Investment Highlights

## Introduction

Utah Retirement Systems' 401(k), 457, Roth and Traditional IRA Plans are tax-advantaged retirement savings programs authorized under sections $401(\mathrm{k}), 457$ and 408 of the Internal Revenue Code. These plans are available to employees of the state, local government and public education employers throughout Utah.

The participants of the plans have a choice of eleven core investment funds and a brokerage window in which their monies may be invested. Each participant may choose one or a combination of the core funds. In addition, there is a Group Annuity Fund that is closed to contributions, but where current balances still exist. The table at the bottom left shows the total investments in the various investment options. The asset graph below shows the asset distribution at December 31, 2006.

## Defined Contributions <br> Plan Investments

(in thousands)
Investment Options
Total

| Income Fund | 592,330 |
| :--- | ---: |
| Bond Fund | 80,977 |
| Balanced Fund | 308,677 |
| Large Cap Stock Value Fund | 191,138 |
| Large Cap Stock Index Fund | 416,645 |
| Large Cap Stock Growth Fund | 97,536 |
| International Fund | 237,131 |
| Small Cap Stock Fund | 168,380 |
| Brokerage Window | 15,484 |
| Short Horizon Fund | 69,338 |
| Medium Horizon Fund | 140,307 |
| Long Horizon Fund | 248,901 |
| HRA Fund | 109 |
| Group Annuity Fund |  |
| (closed to contributions) | 43,918 |
| Total | $\$ 2,610,871$ |

## Defined Contributions Investments

December 31, 2006
(1) Income Fund (22.7\%)
(2) Bond Fund (3.1\%)
(3) Balanced Fund (11.8\%)
(4)

Large Cap Stock Value Fund (7.3\%)
(5) Large Cap Stock Index Fund (16.0\%)

6Large Cap Stock Growth Fund (3.7\%)International Fund (9.1\%)
8 Small Cap Stock Fund (6.4\%)Brokerage Window (0.6\%)
10 Short Horizon Fund (2.7\%)
11 Medium Horizon Fund (5.4\%)
12 Long Horizon Fund (9.5\%)
13 HRA Fund ( $0.0 \%)^{*}$


14 Group Annuity Fund (1.7\%)
*Rounded figure, actual percentage is .004\%

## Defined Contributions Investments

Investment Highlights
(Continued)

2006 Investment Summary and Investment Administrative Fees

| (dollars <br> Fund |  |  | $s a n d s \text {, }$ <br> Purchases | Sales and Redemptions |  | $\begin{array}{r} 2006 \\ \text { Ending } \\ \text { Fair Value } \end{array}$ | Percent of Total Fair Value | $\begin{gathered} \text { Invest- } \\ \text { ment } \\ \text { Feees } \end{gathered}$ | Admin- istrative Fees | $\begin{aligned} & \text { Total } \\ & \text { Fees } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Fund | \$ | 557,832 | 64,684 | 53,174 | 22,988 | 592,330 | 22.69\% | 0.12\% | 0.23\% | 0.35\% |
| Bond Fund |  | 77,322 | 12,182 | 11,405 | 2,878 | 80,977 | 3.10 | 0.36 | 0.23 | 0.59 |
| Balanced Fund |  | 299,263 | 10,359 | 15,706 | 14,761 | 308,677 | 11.82 | 0.36 | 0.23 | 0.59 |
| Large Cap Stock Value Fund |  | 141,845 | 36,950 | 12,015 | 24,358 | 191,138 | 7.32 | 0.42 | 0.23 | 0.65 |
| Large Cap Stock Index Fund |  | 377,846 | 14,087 | 24,129 | 48,841 | 416,645 | 15.96 | 0.03 | 0.23 | 0.26 |
| Large Cap Stock Growth Fund |  | 111,858 | 12,985 | 23,288 | $(4,019)$ | 97,536 | 3.74 | 0.31 | 0.23 | 0.54 |
| International Fund |  | 173,069 | 46,763 | 16,074 | 33,373 | 237,131 | 9.08 | 0.35 | 0.23 | 0.58 |
| Small Cap Stock Fund |  | 144,081 | 29,907 | 21,939 | 16,331 | 168,380 | 6.45 | 0.41 | 0.23 | 0.64 |
| Brokerage Window |  | - | 17,076 | 1,097 | (495) | 15,484 | 0.59 | NA | 0.23 | 0.23 |
| Short Horizon Fund |  | 60,408 | 14,633 | 7,814 | 2,111 | 69,338 | 2.66 | 0.29 | 0.23 | 0.52 |
| Medium Horizon Fund |  | 108,914 | 26,925 | 7,004 | 11,472 | 140,307 | 5.37 | 0.31 | 0.23 | 0.54 |
| Long Horizon Fund |  | 193,149 | 34,502 | 4,983 | 26,233 | 248,901 | 9.53 | 0.28 | 0.23 | 0.51 |
| HRA Fund |  | - | 143 | 34 | - | 109 | 0.00 | 0.37 | 0.23 | 0.60 |
| Group Annuity Fund (closed to contributions) |  | 47,219 | - | 3,430 | 129 | 43,918 | 1.69 | 1.13 | 0.23 | 1.36 |
| Totals |  | ,292,806 | 321,196 | 202,092 | 198,961 | 2,610,871 | 100.00\% |  |  |  |

## Investment and Administrative Expenses

There are no front-end load, redemption, or other hidden fees associated with these plans; although Beneficial Life Insurance Company may impose a penalty on transfers from the Group Annuity Fund. All costs reflected in the table above are deducted from earnings prior to posting to participant accounts and do not appear as separate items on participant statements.

The administrative fee for the brokerage window account is a flat rate of $\$ 25$ per quarter. Investment fees and broker commissions are paid by the participant according to the trading and securities selected within the brokerage window.

By administering the defined contribution plans internally rather than through a third party, expenses are kept at very low levels to maximize earnings to each participant. The table above shows these expenses to be nominal when compared to much higher fees on most annuities, mutual funds and insurance contracts.

An annual account maintenance fee of $\$ 15$ is assessed to inactive accounts with combined 401(k), 457, Roth and Traditional IRA Plan balances of less than $\$ 5,000$. There may also be special service fees for loans and short term trading.

The investments described are not FDIC insured; not deposits or obligations of, or guaranteed by, any financial institution; and not guaranteed by the Utah Retirement Systems or any government agency.

The past performance of any of these funds does not guarantee future results.

Utah Retirement Systems' employees are not registered securities advisors. They cannot offer investment advice or make recommendations. Because the participants make the investment decisions about their accounts, the plans' sponsor, trustees, and others associated with the investments may be relieved of liability for investment performance.

## Defined Contributions Investments

Investment Highlights (Continued)

## Defined Contribution Plans Comparative <br> Annualized Ratesof Return

Year Ended December 31, 2006

| Investment Option Comparative Index | 1 Year | Annualized |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 3 Year | 5 Year | 10 Year |
| Income Fund | 4.88\% | 4.15\% | 4.36\% | 5.28\% |
| Treasury Bills Index | 4.85 | 3.07 | 2.43 | 3.81 |
| Ryan Lab 3 Yr GIC Index | 3.77 | 3.47 | 4.19 | 5.25 |
| Bond Fund | 5.15 | 3.45 | 5.29 | NA* |
| Lehman Aggregate Bond Index | 4.33 | 3.70 | 5.06 | 6.24 |
| Balanced Fund | 7.41 | 8.71 | 6.84 | 7.91 |
| Balanced Index (1) | 11.14 | 7.77 | 6.09 | 8.01 |
| Large Cap Stock Value Fund | 18.38 | 15.43 | 12.65 | NA* |
| Russell 1000 Value Index | 22.25 | 15.09 | 10.86 | 11.00 |
| Large Cap Stock Index Fund | 15.53 | 10.11 | 5.93 | 7.89 |
| S\&P 500 Index | 15.79 | 10.44 | 6.19 | 8.42 |
| Large Cap Stock Growth Fund | 0.54 | 7.70 | 1.29 | NA* |
| Russell 1000 Growth Index | 9.07 | 6.87 | 2.69 | 5.44 |
| International Fund | 20.30 | 18.10 | 13.61 | 10.53 |
| MSCI EAFE Index | 26.34 | 19.93 | 14.98 | 7.71 |
| Small Cap Stock Fund | 16.37 | 13.12 | 12.11 | NA* |
| Russell 2000 Index | 18.37 | 13.56 | 11.39 | 9.44 |
| Short Horizon Fund | 7.11 | 5.12 | 5.79 | NA* |
| Short Horizon Index (2) | 7.98 | 5.51 | 5.59 | 6.55 |
| Medium Horizon Fund | 10.56 | 8.88 | 7.61 | NA* |
| Medium Horizon Index (3) | 12.24 | 9.00 | 7.66 | 7.61 |
| Long Horizon Fund | 13.63 | 11.52 | 8.88 | NA* |
| Long Horizon Index (4) | 16.34 | 11.79 | 8.97 | 8.14 |
| HRA Fund | 4.56 | NA* | NA* | NA* |
| Treasury Bills Index | 4.85 | 3.07 | 2.43 | 3.81 |
| Group Annuity Fund (5) | 4.77 | 4.73 | 5.00 | 5.63 |
| Treasury Bills Index | 4.85 | 3.07 | 2.43 | 3.81 |

Past performance does notguaranteefutureresults.

[^4]
## Investment Professionals

## Defined Contribution Plans Investment Professionals

Alliance Bernstein 1345 Avenue of the Americas New York, NY 10105 (Balanced Fund, Large Cap Stock Growth Fund)
Ameriprise Trust Company 50900 AXP Financial Center Minneapolis, MN 55474 (Income Fund)

Beneficial Life Insurance Co. Beneficial Life Tower 36 South State Street Salt Lake City, UT 84136 (Group Annuity Fund)
Capital Guardian Trust Co. 333 South Hope Street Los Angeles, CA 90071 (International Fund)

Charles Schwab
101 Montgomery Street
San Francisco, CA 94104
(Brokerage Window)
Dimensional Fund Advisors, Inc.
1299 Ocean Avenue Santa Monica, CA 90401
(Small Cap Stock Fund)
Dodge \& Cox
555 California Street 40th Floor
San Francisco, CA 94104
(Bond Fund, Large Cap Stock
Value Fund, Balanced Fund)
Northern Trust
50 S. LaSalle Street
Chicago, IL 60603
(HRA Fund)
Utah Retirement Systems
560 East 200 South
Salt Lake City, UT 84102
(Large Cap Stock Index Fund)

Funding Progress with Funding Ratios


## 2006

Utah Retirement Systems

Comprehensive Annual Financial Report

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# Actuary's Certification Letter 

Gabriel Roeder Smith \& Company

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August 10, 2006

Utah State Retirement Board<br>560 East 200 South<br>Salt Lake City, UT 84102

## Dear Members of the Board

## Subject: Certification of 2006 Actuarial Valuation

This report describes the current actuarial condition of the Utah Retirement Systems (URS), determines the calculated employer contribution rates, and analyzes changes in these contribution rates. Valuations are prepared annually, as of January 1 , the first day of the URS plan year.

Under URS statutes, the Board of Trustees must certify employer contribution rates annually. These rates are determined actuarially, based on the Board's funding policy. Contribution rates determined by a given actuarial valuation become effective eighteen months after the valuation date. I.e., the rates determined by this January 1, 2006 actuarial valuation will be used by the Board when certifying the employer contribution rates for the year beginning July 1, 2007 and ending June 30, 2008. If new legislation is enacted between the valuation date and the date the contribution rates become effective, the Board may adjust the calculated rates before certifying them, in order to reflect this new legislation. Such adjustments are based on information supplied by the actuary.

## Financing objectives and funding policy

In setting contribution rates, the Board's principal objectives have been:

- To set rates so that the unfunded actuarial accrued liability (UAAL) will be amortized over a 20 -year period from the current valuation date.
- To set rates so that they remain relatively level over time.

To accomplish this, the Board's funding policy requires that the employer contribution rate be at least equal to the sum of the employer normal cost rate
(which pays the current year's cost) and an amortization rate which results in the amortization of the UAAL over twenty years in installments which increase at the assumed rate of growth in payroll for URS. The current assumed rate of growth in payroll for URS is 4.0\%.

The Board uses an open 20-year amortization period. In other words, a 20-year amortization period is used in each valuation, rather than having the period decrease to 19, 18, etc.

Under this policy, the objective of maintaining relatively level contribution rates over time is achieved in normal conditions such as consistent market conditions.

In 2004, the Utah Legislature approved an act (HB83) that allows the Board to set the employer contribution rate at the prior year's rate, if the rate otherwise would decrease and if the funded ratio is less than $110 \%$. In such a case, the rate set by the Board would be higher than the actuarially determined contribution rate. The object of this legislation is to enhance the Board's ability to maintain more-level contribution rates while targeting a $100 \%-110 \%$ funded level. The Board has followed this policy since 2004, so for some funds, the recommended contribution rate is larger than the actuarially determined rate.

## Progress toward realization of financing objectives

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches 100\%.

For all systems combined, the funded ratio increased from $92.4 \%$ to $93.2 \%$. Most of the individual funds have ratios over $90 \%$, and only the $3 \%$ Substantial

Substitute Fund, the Salt Lake City Noncontributory Public Safety Fund, and the Logan Noncontributory Public Safety Fund have funded ratios less than $80 \%$. It should be pointed out that the funded ratio for all systems combined was $76.9 \%$ in 1990. Significant progress has been made over the last sixteen years, even though a number of benefit increases have been granted during that time, and even though the 3\% substantial substitute was added as a URS liability. If market value had been used in the calculation instead of actuarial value, the aggregate funded ratio for all funds combined would have been $99.1 \%$, compared to $96.5 \%$ in the prior year, and $91.7 \%$ two years ago.

## Benefit provisions

The benefit provisions reflected in this valuation are those which were in effect on January 1, 2006, or which were adopted by the end of the 2006 legislative session and are effective on or before July 1, 2007.

No significant pieces of legislation impacting the benefit provisions of URS were enacted during the 2005 legislative session.

## Assumptions and methods

The Board, in consultation with the actuary, sets the actuarial assumptions and methods used in the valuation. Current Board policy is to perform an experience study every three years. In connection with the appropriate valuation, the actuary conducts a thorough review of plan experience for the preceding five years, and then makes recommendations to the Board.

The current actuarial assumptions and methods are the same as used for the prior evaluation. These assumptions and methods were adopted effective January 1 , 2005. The next experience analysis is scheduled for 2008.

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.

It is our opinion that the recommended assumptions
are internally consistent and are reasonably based on past and anticipated future experience of the System. The actuarial assumptions and methods used in this report comply with the parameters for disclosure that appear in GASB 25.

## Data

Member data for retired, active and inactive members was supplied as of December 31, 2005 by the URS staff. We did not audit this data, but we did apply a number of tests to the data, and we concluded that it was reasonable and consistent with the prior year's data. The staff also supplied asset information as of December 31, 2005.

## Certification

We certify that the information presented herein is accurate and fairly portrays the actuarial position of URS as of January 1, 2006. We prepared the accompanying Summary of Actuarial Assumptions and Methods, but the URS staff prepared the other supporting schedules in this section and the trend tables in the financial section based on information supplied in our report. The staff rolls forward to December 31 the actuarial liabilities supplied in our report as of January 1, and the staff computes the actuarial value of assets as of December 31. These procedures have been reviewed by us and found reasonable.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of Utah state law and, where applicable, the Internal Revenue Code, ERISA, and the Statements of the Governmental Accounting Standards Board. The undersigned are independent actuaries and consultants. Mr. Carter and Mr. Conradi are Enrolled Actuaries and Members of the American Academy of Actuaries, and they both meet the qualification standards of the American Academy of Actuaries, and all three are experienced in performing valuations for large public retirement systems.

Sincerely,
Gabriel Roeder Smith \& Company


Gabriel Roeder Smith \& Company

# Summary of Actuarial Assumptions and Methods 

December 31, 2006

## a) The actuarial valuation was prepared using

 the entry age actuarial cost method. As described in the certification letter, the contribution rates are set based on the board's funding policy, which states the contribution rate will not be less than the amount needed to amortize the unfunded actuarial accrued liability of each System over a 20-year period from the valuation date (January 1, 2006).In calculating this minimum, amortization payments are designed to remain level as a percent of payroll, and payroll is assumed to increase $4 \%$ per year. Under this method, actuarial gains and losses are identified and amortized as part of the unfunded actuarial accrued liability over a 20 -year period

b)The future investment earnings of the assets of the Systems are assumed to accrue at an annual rate of $8.0 \%$, compounded annually. This rate is made up of a $3.0 \%$ assumed inflation rate and a 5.0\% assumed real rate of return. This assumption was adopted January 1, 2000.

c)The total rates of assumed annual salary increase are shown on the actuarial schedule on page 112. The rates include increases due to promotion and longevity and a $4.75 \%$ per annum rate of increase in the general wage level of the membership. Salaries of judges are assumed to increase at $4.00 \%$. Most of these assumptions were adopted January 1, 2001. (Rates for public safety members were adopted January 1, 2002, and rates for judges were adopted January 1, 2005.)

d)Post retirement benefit increases are based on the Consumer Price Index, limited by the provisions of each System. For members of the Public Safety Retirement System, annual increases are assumed to be $2.5 \%$. All other Systems' annual increases are assumed to be 3.0\%. Increases are based on the member's original retirement allowance except in the Judges Retirement System where increases are compounded. For current retirees who have received cumulative COLAs less than the total of annual CPI increases since retirement, higher COLAs are assumed, subject to the annual maximum ( $2.5 \%$ for Public Safety and $4 \%$ for all other Systems), as long as the member has "banked" CPI increases left.

e)Except for educators, tables of mortality rates for members retired for service and beneficiaries were developed from standard mortality tables. The mortality basis is dependent upon the member's class and gender as shown to the right. Most of these rates were adopted January 1, 2002. Rates for educators and uniformed officers were adopted January 1, 2005. Mortality rates for active members and retired educators were developed from actual experience of that group.

# Summary of Actuarial Assumptions and Methods (Continued) 

As of January 1, 2006


## Retired Member Mortality

## Class of Member

## Educators

## Men <br> EDUM

Women
EDUF
Public Safety and Firefighters

Local Government, Public

## Employees and All Beneficiaries

Men ......................................................................................................
Women (0)

EDUM = Constructed mortality table based on actual experience of male educators

EDUF = Constructed mortality table based on actual experience of female educators
UP94M (xx) = 1994 Uninsured Pensioners Mortality Table for Males adjusted xx years. UP94F ( $x x$ ) = 1994 Uninsured Pensioners Mortality Table for Females adjusted xx years.

f)Mortality among disabled members is based on a special 1981 Disability Table developed by a previous actuary from the Systems' experience. Rates for males are based on a 2-year set forward and rates for females are based on a 2-year setback. These rates were modified January 1, 2002.

g)Other demographic assumptions regarding retirement, mortality, disablement and termination from employment are illustrated in the following actuarial schedules.

The retirement assumptions illustrated are for members of the Systems who are eligible to retire with 30 years of service. The rates vary by age and service groupings.

Except for firefighters, rates of assumed termination from employment at any age are assumed to vary during the first five years of employment. The rates of termination illustrated are for members in their first or in their sixth or subsequent year of service; rates at intermediate points fall between the two sets illustrated. Rates for firefighters vary only by years of service and not by age. All rates have been shown for the firefighters. All terminating members who are not eligible for vested benefits are assumed to withdraw their contributions immediately. Vested members are assumed to withdraw their contributions and forfeit the right to further benefits at the rates illustrated.

h)The Retirement Board uses the expected rate of return method for calculating the actuarial value of assets. This method is based on the total earnings of the commingled investments and spreads the excess/shortfall of actual investment returns over or under the expected return over five years. One-fifth of the excess/shortfall is recognized each year. The actuarial values of assets under this method were calculated and reported to us by the Systems' staff.

i)All of the actuarial assumptions were renewed or adopted by the Retirement Board in 2005, as recommended by the actuary.

Summary of Actuarial Assumptions and Methods (Continued)
As of January 1, 2006

|  | $\begin{array}{r} \text { Retirement } \\ \text { Age } \end{array}$ | Percent Retiring Within Next Year Among Active Members |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Male |  |  | Eligible for Retirement |  |  |  |
|  |  |  |  |  | State and School Division |  | Female | Governors and Legislators Retirement Plan |
|  |  | State and School Division |  | $\begin{array}{r} \text { Local } \\ \text { Government } \\ \text { Division } \end{array}$ |  |  |  |  |
|  |  | Educators | $\begin{array}{r} \text { Public } \\ \text { Employees } \end{array}$ |  | Educators | $\begin{array}{r} \text { Public } \\ \text { Employees } \end{array}$ | Government Division |  |
| Noncontributory | 55 | 25.00\% | 18.00\% | 22.00\% | 30.00\% | 20.00\% | 35.00\% | 0.00\% |
| and Contributory | 56 | 25.00 | 18.00 | 22.00 | 30.00 | 20.00 | 35.00 | 0.00 |
| Retirement Systems | 57 | 25.00 | 18.00 | 22.00 | 30.00 | 20.00 | 35.00 | 0.00 |
| Adopted January 1, 2005 | 58 | 25.00 | 18.00 | 22.00 | 30.00 | 20.00 | 35.00 | 0.00 |
|  | 59 | 25.00 | 18.00 | 22.00 | 30.00 | 20.00 | 35.00 | 0.00 |
|  | 60 | 35.00 | 23.00 | 25.00 | 50.00 | 40.00 | 40.00 | 0.00 |
|  | 61 | 35.00 | 23.00 | 15.00 | 50.00 | 30.00 | 25.00 | 0.00 |
|  | 62 | 65.00 | 40.00 | 50.00 | 70.00 | 60.00 | 45.00 | 100.00 |
|  | 63 | 35.00 | 35.00 | 30.00 | 50.00 | 40.00 | 30.00 | 100.00 |
|  | 64 | 35.00 | 30.00 | 30.00 | 50.00 | 30.00 | 30.00 | 100.00 |
|  | 65 | 70.00 | 50.00 | 50.00 | 60.00 | 45.00 | 50.00 | 100.00 |
|  | 66 | 30.00 | 35.00 | 30.00 | 35.00 | 25.00 | 30.00 | 100.00 |
|  | 67 | 30.00 | 20.00 | 30.00 | 35.00 | 25.00 | 30.00 | 100.00 |
|  | 68 | 30.00 | 20.00 | 30.00 | 35.00 | 25.00 | 30.00 | 100.00 |
|  | 69 | 30.00 | 20.00 | 30.00 | 35.00 | 25.00 | 30.00 | 100.00 |
|  | 70 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |


|  | Retirement Age |  | Percent Retiring Within Next Year Among Active Members Eligible for Retirement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Retirement Age | Retirement |  |  |
| Public Safety | 45 | 30.00\% | 52 | 33.00\% | 59 | 35.00\% |
| Retirement System | 46 | 30.00 | 53 | 33.00 | 60 | 38.00 |
| Adopted January 1, 2005 | 47 | 30.00 | 54 | 33.00 | 61 | 38.00 |
|  | 48 | 30.00 | 55 | 35.00 | 62 | 38.00 |
|  | 49 | 30.00 | 56 | 35.00 | 63 | 38.00 |
|  | 50 | 33.00 | 57 | 35.00 | 64 | 38.00 |
|  | 51 | 33.00 | 58 | 35.00 | 65 | 100.00 |
|  |  |  | Percent Retiring Within Next Year Among Active Members Eligible for Retirement |  |  |  |
|  | $\begin{array}{r} \text { Retirement } \\ \text { Age } \end{array}$ |  | $\begin{array}{r} \text { Retirement } \\ \text { Age } \end{array}$ |  | Retirement Age |  |
|  |  |  |  |  |  |  |
| Firefighters | 45 | 14.00\% | 52 | 16.00\% | 59 | 18.00\% |
| Retirement System | 46 | 14.00 | 53 | 16.00 | 60 | 24.00 |
| Adopted January 1, 2005 | 47 | 14.00 | 54 | 16.00 | 61 | 24.00 |
|  | 48 | 14.00 | 55 | 18.00 | 62 | 24.00 |
|  | 49 | 14.00 | 56 | 18.00 | 63 | 24.00 |
|  | 50 | 16.00 | 57 | 18.00 | 64 | 24.00 |
|  | 51 | 16.00 | 58 | 18.00 | 65 | 100.00 |


|  |  |  | Percent Retiring Within Next Year Among Active Members Eligible for Retirement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Retirement |  | Retirement Age |  | Retirement |  |
| Judges | 60 | 30.00\% | 64 | 30.00\% | 68 | 30.00\% |
| Retirement System | 61 | 30.00 | 65 | 30.00 | 69 | 30.00 |
| Adopted January 1, 2005 | 62 | 30.00 | 66 | 30.00 | 70 | 100.00 |
|  | 63 | 30.00 | 67 | 30.00 |  |  |

Summary of Actuarial Assumptions and Methods (continued)
As of January 1, 2006

|  |  |  | Other | er Termination of | mployment Percen | of Active Mem | bers Separating W | Next Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Male |  |  | Female | Governors |
|  |  | State and Sc | chool Division |  | State and Sc | ool Division |  | and |
|  | Age | Educators | $\begin{array}{r} \text { Public } \\ \text { Employees } \end{array}$ | Government Division | Educators | $\begin{array}{r} \text { Public } \\ \text { Employees } \end{array}$ | $\begin{gathered} \text { Government } \\ \text { Division } \end{gathered}$ | Retirement Plan |
| During the First Year of Service |  |  |  |  |  |  |  |  |
| Noncontributory | 25 | 14.98\% | 35.36\% | 18.84\% | 22.57\% | 30.44\% | 27.66\% | 10.00\% |
| and Contributory | 30 | 12.68 | 29.03 | 15.88 | 15.87 | 27.40 | 25.72 | 10.00 |
| Retirement Systems | 35 | 11.95 | 25.25 | 13.73 | 12.28 | 24.11 | 23.52 | 10.00 |
| Adopted January 1, 2000 | 40 | 11.30 | 22.79 | 12.35 | 11.87 | 20.88 | 21.25 | 10.00 |
|  | 45 | 11.52 | 20.67 | 11.84 | 11.35 | 18.08 | 19.22 | 10.00 |
|  | 50 | 13.43 | 18.41 | 12.28 | 10.24 | 16.10 | 17.99 | 10.00 |
|  | 55 | 17.64 | 15.90 | 13.83 | 8.34 | 15.24 | 18.25 | 10.00 |
|  | 60 | 18.53 | 13.22 | 14.52 | 8.77 | 15.79 | 20.66 | 10.00 |
| During the Sixth and Subsequent Years |  |  |  |  |  |  |  |  |
| Noncontributory | 25 | 6.29\% | 11.85\% | 8.15\% | 13.04\% | 18.70\% | 13.16\% | 10.00\% |
| and Contributory | 30 | 4.30 | 8.32 | 6.05 | 8.38 | 11.87 | 8.95 | 10.00 |
| Retirement Systems | 35 | 2.90 | 5.78 | 4.63 | 5.21 | 7.56 | 6.18 | 10.00 |
| Adopted January 1, 2000 | 40 | 2.08 | 4.10 | 3.81 | 3.47 | 5.26 | 4.73 | 10.00 |
|  | 45 | 1.62 | 3.04 | 3.34 | 2.74 | 4.05 | 4.22 | 10.00 |
|  | 50 | 1.25 | 2.43 | 3.11 | 2.45 | 3.43 | 4.21 | 10.00 |
|  | 55 | 0.93 | 2.42 | 3.36 | 2.43 | 3.34 | 4.32 | 10.00 |
|  | 60 | 0.98 | 3.24 | 3.52 | 2.55 | 3.75 | 4.43 | 10.00 |
|  | Age |  | During the First Yea |  | During the Sixth nd Subsequent $Y$ |  |  |  |
| Public Safety | 25 |  | 9.56\% |  | 6.16\% |  |  |  |
| Retirement System | 30 |  | 9.12 |  | 4.17 |  |  |  |
| Adopted January 1, 2000 | 35 |  | 10.02 |  | 2.74 |  |  |  |
|  | 40 |  | 12.18 |  | 1.82 |  |  |  |
|  | 45 |  | 15.42 |  | 1.35 |  |  |  |
|  | 50 |  | 19.61 |  | 1.15 |  |  |  |
|  | 55 |  | 24.57 |  | 1.14 |  |  |  |
|  | 60 |  | 30.22 |  | 1.25 |  |  |  |


|  | Years of Service | Years of Service |  |  |
| :--- | :---: | :--- | :---: | :--- |
| Firefighters | 0 | $7.0 \%$ | 9 | $2.0 \%$ |
| Retirement System | 1 | 6.0 | 10 | 1.5 |
| Adopted January 1, 2005 | 2 | 5.0 | 11 | 1.5 |
|  | 3 | 4.0 | 12 | 1.5 |
|  | 4 | 3.0 | 13 | 1.5 |
|  | 5 | 2.0 | 14 | 1.5 |
|  | 6 | 2.0 | $15+$ | 0.0 |
|  | 7 | 2.0 |  |  |

Judges
Retirement System
None assumed.

Summary of Actuarial Assumptions and Methods (continued)
As of January 1, 2006



## Analysis of Financial Experience

As of December 31
(in thousands)

| System | $\begin{aligned} & \text { January 1, } 2005 \\ & \text { Unfunded Actuarial } \\ & \text { Accrued Liability } \end{aligned}$ | Amortization Payments | $\begin{gathered} \text { (Gain) } \\ \text { Loss } \end{gathered}$ | $\begin{array}{r} \text { Liability } \\ \text { Asset } \\ \text { (Gain) } \end{array}$ | $\begin{array}{r} \text { Changes in } \\ \text { Actuarial } \\ \text { Assumptions } \end{array}$ | Change in Benefit Provisions | $\begin{gathered} \text { Asset } \\ \text { Transfers } \end{gathered}$ | nuary 1, 2006 Unfunded Actuarial Accrued Liability |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory | \$1,023,007 | $(1,684)$ | $(140,986)$ | 72,691 | - | - | $(3,850)$ | 949,178 |
| Contributory | 79,862 | 11,790 | $(30,980)$ | 11,247 | - | - | 3,850 | 75,769 |
| Public Safety | 201,881 | 9,896 | $(19,187)$ | 8,840 | - | - | - | 201,430 |
| Firefighters | $(31,797)$ | 888 | $(3,419)$ | 4,191 | - | - | - | $(30,137)$ |
| Judges | 3,396 | 884 | $(4,274)$ | 582 | - | - | - | 588 |
| Utah Governors and Legislators | $(1,923)$ | (28) | 189 | 149 | - | - | - | $(1,613)$ |

## Member and Employer Contribution Rates

As of December 31

| System | Year | Contributory |  |  | Noncontributory |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Member | Employer | Employer | Employer | Employer |
| Noncontributory and Contributory Retirement System |  |  | $\begin{array}{r} \text { State } \\ \text { and School } \end{array}$ | Local Government | $\begin{array}{r} \text { State } \\ \text { and School } \end{array}$ | Local Government |
|  | 1997 | 6.00\% | 9.67\% | 6.50\% | 14.16\% | 10.51\% |
|  | 1998 | 6.00 | 9.67 | 6.73 | 14.16 | 10.74 |
|  | 1999 | 6.00 | 9.67 | 6.73 | 14.16 | 10.74 |
|  | 2000 | 6.00 | 9.19 | 6.31 | 13.68 | 10.32 |
|  | 2001 | 6.00 | 5.91 | 4.19 | 10.40 | 8.20 |
|  | 2002 | 6.00 | 5.91 | 4.68 | 10.40 | 8.69 |
|  | 2003 | 6.00 | 7.21 | 5.61 | 11.70 | 9.62 |
|  | 2004 | 6.00 | 8.89 | 7.08 | 13.38 | 11.09 |
|  | 2005 | 6.00 | 8.89 | 7.08 | 13.38 | 11.09 |
|  | 2006 | 6.00 | 9.73 | 7.58 | 14.22 | 11.59 |
|  |  | Division A (with Social Security) |  | Division B (without Social Security) |  | All Divisions Fire Insurance |
|  |  | Member | Employer | Member | Employer | Premium Tax |
| Firefighters <br> Retirement System | 1997 | 13.31\% | —\% | 16.71\% | 6.43\% | 8.19\% |
|  | 1998 | 13.31 | - | 16.71 | 4.74 | 8.48 |
|  | 1999 | 13.31 | - | 16.71 | 0.54 | 8.60 |
|  | 2000 | 10.20 | - | 15.50 | - | 8.71 |
|  | 2001 | 6.77 | - | 8.43 | - | 8.28 |
|  | 2002 | 7.82 | - | 7.83 | - | 8.88 |
|  | 2003 | 8.21 | - | 7.83 | - | 10.35 |
|  | 2004 | 8.61 | - | 7.83 | - | 12.16 |
|  | 2005 | 8.61 | - | 7.83 | - | 12.16 |
|  | 2006 | 10.84 | - | 8.72 | - | 12.08 |
|  |  | Judges |  |  |  |  |
|  |  | Contributory |  | Noncontributory | Court Fees | Governors and Legislative |
|  |  | Member | Employer | Employer |  | Appropriation |
| Judges Retirement System | 1997 | 8.00\% | 12.21\% | 20.21\% | 24.11\% | \$ - |
|  | 1998 | 8.00 | 11.00 | 19.00 | 22.86 | - |
|  | 1999 | 8.00 | 7.39 | 15.39 | 21.16 | - |
| Utah Governors and Legislators Retirement Plan | 2000 | 8.00 | 7.10 | 15.10 | 20.29 | - |
|  | 2001 | 5.55 | - | 5.55 | 18.93 | - |
|  | 2002 | 4.92 | - | 4.92 | 18.40 | - |
|  | 2003 | 7.08 | - | 7.08 | 18.06 | - |
|  | 2004 | 2.00 | 5.14 | 7.14 | 19.69 | - |
|  | 2005 | 2.00 | 6.26 | 8.26 | 19.19 | - |
|  | 2006 | 2.00 | 7.79 | 9.79 | 18.04 | - |

Member and Employer Contribution Rates
(Continued)
As of December 31


## Solvency Tests

| System | Date | (1) Active Members Contributions | Retired and Beneficiaries | 3) Active <br> Member (Employer Financed Portion) |
| :---: | :---: | :---: | :---: | :---: |
| Noncontributory | 1/01/98 | \$ 977,799 | 2,547,911 | 4,128,625 |
| Retirement | 1/01/99 | 981,227 | 2,888,469 | 4,466,035 |
| Retirement | 1/01/00 | 974,082 | 3,019,704 | 5,012,522 |
| System | 1/01/01 | 962,724 | 3,404,486 | 5,566,304 |
|  | 1/01/02 | 971,496 | 3,751,586 | 6,082,942 |
|  | 1/01/03 | 955,624 | 4,171,062 | 6,637,667 |
|  | 1/01/04 | 878,125 | 4,587,481 | 6,885,704 |
|  | 1/01/05 | 850,926 | 5,051,930 | 7,332,588 |
|  | 1/01/06 | 822,236 | 5,504,555 | 7,691,749 |
|  | 12/31/06 | 757,482 | 6,473,933 | 7,749,412 |
| Contributory | 1/01/98 | \$ 197,833 | 499,390 | 183,276 |
| Retirement | 1/01/99 | 214,828 | 478,808 | 198,347 |
| System | 1/01/00 | 231,996 | 451,865 | 210,623 |
| System | 1/01/01 | 247,491 | 447,521 | 240,787 |
|  | 1/01/02 | 267,963 | 425,956 | 254,993 |
|  | 1/01/03 | 285,260 | 416,552 | 275,106 |
|  | 1/01/04 | 283,694 | 409,430 | 289,445 |
|  | 1/01/05 | 296,155 | 407,905 | 309,776 |
|  | 1/01/06 | 307,907 | 408,420 | 310,982 |
|  | 12/31/06 | 318,213 | 436,508 | 305,693 |
| Public Safety | 1/01/98 | \$ 86,500 | 394,325 | 471,275 |
| Retirement | 1/01/99 | 87,640 | 448,200 | 498,307 |
| System | 1/01/00 | 87,169 | 485,980 | 532,017 |
| System | 1/01/01 | 85,774 | 540,074 | 581,028 |
|  | 1/01/02 | 85,106 | 610,272 | 670,756 |
|  | 1/01/03 | 84,479 | 669,736 | 704,276 |
|  | 1/01/04 | 81,121 | 742,358 | 733,279 |
|  | 1/01/05 | 94,259 | 827,157 | 805,369 |
|  | 1/01/06 | 91,737 | 921,115 | 821,600 |
|  | 12/31/06 | 91,172 | 1,003,517 | 869,320 |
| Firefighters | 1/01/98 | \$ 60,314 | 189,904 | 134,757 |
| Retirement | 1/01/99 | 65,671 | 204,540 | 137,492 |
| System | 1/01/00 | 70,055 | 212,537 | 136,565 |
| System | 1/01/01 | 73,003 | 240,403 | 142,050 |
|  | 1/01/02 | 76,510 | 257,301 | 157,463 |
|  | 1/01/03 | 78,253 | 270,842 | 172,069 |
|  | 1/01/04 | 79,177 | 289,194 | 181,007 |
|  | 1/01/05 | 81,754 | 306,927 | 190,210 |
|  | 1/01/06 | 82,292 | 329,322 | 202,745 |
|  | 12/31/06 | 85,157 | 355,502 | 214,605 |
| Judges | 1/01/98 | \$ 7,419 | 34,607 | 20,380 |
| Retirement | 1/01/99 | 7,603 | 36,433 | 23,175 |
| System | 1/01/00 | 7,990 | 35,621 | 24,523 |
| System | 1/01/01 | 8,025 | 38,603 | 27,334 |
|  | 1/01/02 | 8,355 | 40,022 | 37,610 |
|  | 1/01/03 | 8,639 | 40,800 | 41,134 |
|  | 1/01/04 | 7,873 | 47,713 | 42,316 |
|  | 1/01/05 | 8,058 | 48,904 | 47,248 |
|  | 1/01/06 | 7,893 | 51,524 | 47,545 |
|  | 12/31/06 | 8,210 | 54,663 | 51,145 |
| Utah Governors and Legislators Retirement Plan | 1/01/98 | \$ 224 | 4,467 | 2,307 |
|  | 1/01/99 | 215 | 4,715 | 2,348 |
|  | 1/01/00 | 204 | 5,573 | 2,476 |
|  | 1/01/01 | 204 | 5,081 | 2,623 |
|  | 1/01/02 | 203 | 5,079 | 2,900 |
|  | 1/01/03 | 187 | 5,212 | 3,307 |
|  | 1/01/04 | 178 | 5,044 | 3,590 |
|  | 1/01/05 | 169 | 4,989 | 3,569 |
|  | 1/01/06 | 147 | 5,268 | 3,559 |
|  | 12/31/06 | 159 | 5,023 | 3,740 |


| Actuarial Accrued Liabilities | Actuarial Valueof Assets |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (4) <br> Total Actuarial Accrued Liabilities |  | Portion of Actuarial Accrued Liabilities Covered by Assets |  |  |  |
|  |  | (1) | (2) | (3) | (4) |
| 7,654,335 | 6,922,583 | 100\% | 100\% | 82\% | 90\% |
| 8,335,731 | 7,931,193 | 100 | 100 | 91 | 95 |
| 9,006,308 | 9,237,447 | 100 | 100 | 100 | 103 |
| 9,933,514 | 10,361,333 | 100 | 100 | 100 | 104 |
| 10,806,024 | 11,104,334 | 100 | 100 | 100 | 103 |
| 11,764,353 | 10,848,586 | 100 | 100 | 86 | 92 |
| 12,351,310 | 11,657,525 | 100 | 100 | 90 | 94 |
| 13,235,444 | 12,212,437 | 100 | 100 | 86 | 92 |
| 14,018,540 | 13,069,362 | 100 | 100 | 88 | 93 |
| 14,980,827 | 14,438,278 | 100 | 100 | 93 | 96 |
| 880,499 | 809,388 | 100\% | 100\% | 61\% | 92\% |
| 891,983 | 840,215 | 100 | 100 | 74 | 94 |
| 894,484 | 878,190 | 100 | 100 | 92 | 98 |
| 935,799 | 924,573 | 100 | 100 | 95 | 99 |
| 948,912 | 927,523 | 100 | 100 | 92 | 98 |
| 976,918 | 899,290 | 100 | 100 | 72 | 92 |
| 982,569 | 913,949 | 100 | 100 | 76 | 93 |
| 1,013,836 | 933,974 | 100 | 100 | 74 | 92 |
| 1,027,309 | 951,540 | 100 | 100 | 76 | 93 |
| 1,060,414 | 1,013,102 | 100 | 100 | 85 | 96 |
| 952,100 | 867,151 | 100\% | 100\% | 82\% | 91\% |
| 1,034,147 | 988,800 | 100 | 100 | 91 | 96 |
| 1,105,166 | 1,146,331 | 100 | 100 | 100 | 104 |
| 1,206,876 | 1,286,996 | 100 | 100 | 100 | 107 |
| 1,366,134 | 1,376,466 | 100 | 100 | 100 | 101 |
| 1,458,491 | 1,349,435 | 100 | 100 | 85 | 93 |
| 1,556,758 | 1,448,888 | 100 | 100 | 85 | 93 |
| 1,726,785 | 1,524,904 | 100 | 100 | 75 | 88 |
| 1,834,452 | 1,633,022 | 100 | 100 | 75 | 89 |
| 1,964,009 | 1,809,198 | 100 | 100 | 82 | 92 |
| 384,975 | 376,178 | 100\% | 100\% | 93\% | 98\% |
| 407,703 | 423,405 | 100 | 100 | 100 | 104 |
| 419,157 | 483,374 | 100 | 100 | 100 | 115 |
| 455,456 | 536,503 | 100 | 100 | 100 | 118 |
| 491,274 | 569,151 | 100 | 100 | 100 | 116 |
| 521,164 | 553,589 | 100 | 100 | 100 | 106 |
| 549,378 | 589,502 | 100 | 100 | 100 | 107 |
| 578,891 | 610,688 | 100 | 100 | 100 | 105 |
| 614,359 | 644,496 | 100 | 100 | 100 | 105 |
| 655,264 | 705,051 | 100 | 100 | 100 | 108 |
| 62,406 | 59,373 | 100\% | 100\% | 85\% | 95\% |
| 67,211 | 67,998 | 100 | 100 | 100 | 101 |
| 68,134 | 78,130 | 100 | 100 | 100 | 115 |
| 73,962 | 87,139 | 100 | 100 | 100 | 118 |
| 85,987 | 92,649 | 100 | 100 | 100 | 108 |
| 90,573 | 90,904 | 100 | 100 | 100 | 100 |
| 97,902 | 97,412 | 100 | 100 | 99 | 99 |
| 104,210 | 100,814 | 100 | 100 | 93 | 97 |
| 106,962 | 106,374 | 100 | 100 | 99 | 99 |
| 114,018 | 116,879 | 100 | 100 | 100 | 103 |
| 6,998 | 9,318 | 100\% | 100\% | 100\% | 133\% |
| 7,278 | 9,988 | 100 | 100 | 100 | 137 |
| 8,253 | 10,946 | 100 | 100 | 100 | 133 |
| 7,908 | 11,569 | 100 | 100 | 100 | 146 |
| 8,182 | 11,710 | 100 | 100 | 100 | 143 |
| 8,706 | 10,719 | 100 | 100 | 100 | 123 |
| 8,812 | 10,905 | 100 | 100 | 100 | 124 |
| 8,727 | 10,650 | 100 | 100 | 100 | 122 |
| 8,974 | 10,587 | 100 | 100 | 100 | 118 |
| 8,922 | 10,983 | 100 | 100 | 100 | 123 |

## Schedules of Active Member Valuation Data

Year Ended December 31

| System | Year | Number of Participating Employers | $\begin{gathered} \text { Active } \\ \text { Members } \end{gathered}$ | $\begin{aligned} & \text { Annual } \\ & \text { Payroll } \end{aligned}$ |  | Active Members |  | Inflation Increase (CPI) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Average Pay | Percent Increase |  |
| Noncontributory Retirement System | 1997 | 344 | 75,599 |  | 200,988,000 | 30,013 | 5.01\% | 1.70\% |
|  | 1998 | 349 | 77,512 |  | 365,650,000 | 31,063 | 3.50 | 1.60 |
|  | 1999 | 356 | 81,132 |  | 499,087,000 | 31,577 | 1.65 | 2.70 |
|  | 2000 | 367 | 81,894 |  | 659,200,000 | 32,744 | 3.70 | 3.40 |
|  | 2001 | 374 | 81,383 |  | 832,060,000 | 34,581 | 5.61 | 1.60 |
|  | 2002 | 376 | 82,486 |  | ,926,449,000 | 35,481 | 2.60 | 2.40 |
|  | 2003 | 380 | 83,156 |  | ,959,347,000 | 35,806 | 0.92 | 1.90 |
|  | 2004 | 391 | 85,046 |  | ,084,317,000 | 36,643 | 2.34 | 3.30 |
|  | 2005 | 401 | 85,637 |  | 165,504,000 | 37,633 | 2.70 | 3.40 |
|  | 2006 | 409 | 87,219 |  | ,326,392,000 | 37,786 | 0.41 | 2.50 |
| Contributory Retirement System | 1997 | 209 | 4,522 | \$ | 138,231,000 | 30,860 | 6.12\% | 1.70\% |
|  | 1998 | 167 | 4,287 |  | 137,042,000 | 32,296 | 4.65 | 1.60 |
|  | 1999 | 165 | 4,101 |  | 137,561,000 | 33,791 | 4.63 | 2.70 |
|  | 2000 | 163 | 3,972 |  | 141,067,000 | 35,218 | 4.22 | 3.40 |
|  | 2001 | 164 | 3,760 |  | 142,882,000 | 37,627 | 6.84 | 1.60 |
|  | 2002 | 164 | 3,649 |  | 142,325,000 | 38,784 | 3.07 | 2.40 |
|  | 2003 | 161 | 3,493 |  | 139,470,000 | 39,666 | 2.27 | 1.90 |
|  | 2004 | 161 | 3,393 |  | 139,362,000 | 40,821 | 2.91 | 3.30 |
|  | 2005 | 161 | 3,198 |  | 137,730,000 | 41,758 | 2.30 | 3.40 |
|  | 2006 | 161 | 3,010 |  | 133,812,000 | 43,005 | 2.99 | 2.50 |
| Public Safety Retirement System | 1997 | 115 | 6,041 | \$ | 195,464,000 | 32,885 | 4.63\% | 1.70\% |
|  | 1998 | 115 | 6,380 |  | 212,414,000 | 33,842 | 2.91 | 1.60 |
|  | 1999 | 115 | 6,631 |  | 226,057,000 | 34,819 | 2.89 | 2.70 |
|  | 2000 | 116 | 6,839 |  | 247,985,000 | 36,166 | 3.87 | 3.40 |
|  | 2001 | 116 | 6,905 |  | 260,783,000 | 37,705 | 4.26 | 1.60 |
|  | 2002 | 119 | 6,966 |  | 268,478,000 | 39,004 | 3.45 | 2.40 |
|  | 2003 | 117 | 7,041 |  | 278,402,000 | 39,579 | 1.47 | 1.90 |
|  | 2004 | 119 | 7,173 |  | 293,797,000 | 40,300 | 1.82 | 3.30 |
|  | 2005 | 120 | 7,239 |  | 298,756,000 | 40,737 | 1.08 | 3.40 |
|  | 2006 | 123 | 7.474 |  | 316,662,000 | 42,356 | 3.98 | 2.50 |
| Firefighters Retirement System | 1997 | 33 | 1,281 | \$ | 51,287,000 | 39,695 | 4.29\% | 1.70\% |
|  | 1998 | 35 | 1,349 |  | 54,326,000 | 40,419 | 1.82 | 1.60 |
|  | 1999 | 38 | 1,386 |  | 57,561,000 | 42,178 | 4.35 | 2.70 |
|  | 2000 | 39 | 1,452 |  | 63,274,000 | 43,403 | 2.90 | 3.40 |
|  | 2001 | 39 | 1,498 |  | 67,192,000 | 44,895 | 3.44 | 1.60 |
|  | 2002 | 40 | 1,538 |  | 71,354,000 | 46,548 | 3.68 | 2.40 |
|  | 2003 | 43 | 1,568 |  | 75,619,000 | 48,132 | 3.40 | 1.90 |
|  | 2004 | 44 | 1,591 |  | 79,638,000 | 49,863 | 3.60 | 3.30 |
|  | 2005 | 48 | 1,636 |  | 84,061,000 | 50,471 | 1.22 | 3.40 |
|  | 2006 | 52 | 1,684 |  | 88,682,000 | 51,549 | 2.14 | 2.50 |
| Judges <br> Retirement System | 1997 | 1 | 102 | \$ | 9,286,000 | 92,532 | 2.42\% | 1.70\% |
|  | 1998 | 1 | 104 |  | 9,388,000 | 95,531 | 3.24 | 1.60 |
|  | 1999 | 1 | 106 |  | 10,104,000 | 97,562 | 2.13 | 2.70 |
|  | 2000 | 1 | 104 |  | 10,397,000 | 100,396 | 2.90 | 3.40 |
|  | 2001 | 1 | 105 |  | 10,924,000 | 104,298 | 3.89 | 1.60 |
|  | 2002 | 1 | 103 |  | 11,173,000 | 106,010 | 1.64 | 2.40 |
|  | 2003 | 1 | 106 |  | 10,888,000 | 106,613 | 0.57 | 1.90 |
|  | 2004 | 1 | 106 |  | 11,646,000 | 107,237 | 0.59 | 3.30 |
|  | 2005 | 1 | 108 |  | 11,594,000 | 110,539 | 3.08 | 3.40 |
|  | 2006 | 1 | 106 |  | 12,195,000 | 112,350 | 1.64 | 2.50 |
| Utah Governors and Legislators Retirement Plan | 1997 | 1 | 90 | \$ | 468,000 | 5,419 | 16.11\% | 1.70\% |
|  | 1998 | 1 | 91 |  | 468,000 | 5,440 | 0.39 | 1.60 |
|  | 1999 | 1 | 94 |  | 468,000 | 5,437 | (0.06) | 2.70 |
|  | 2000 | 1 | 88 |  | 464,000 | 5,533 | 1.77 | 3.40 |
|  | 2001 | 1 | 92 |  | 556,000 | 6,422 | 16.07 | 1.60 |
|  | 2002 | 1 | 91 |  | 556,000 | 6,454 | 0.50 | 2.40 |
|  | 2003 | 1 | 97 |  | 556,000 | 6,388 | (1.02) | 1.90 |
|  | 2004 | 1 | 95 |  | 556,000 | 5,400 | (15.47) | 3.30 |
|  | 2005 | 1 | 88 |  | 887,000 | 8,955 | 65.83 | 3.40 |
|  | 2006 | 1 | 96 |  | 860,000 | 7,649 | (14.58) | 2.50 |

## Schedules of Retirants and Beneficiaries

Year Ended December 31

| System | Year | Number | $\begin{aligned} & \text { Number } \\ & \text { Removed } \end{aligned}$ | Retiranta Beneficiaries | Annual Allowances | \% Increase <br> in Annual <br> Allowances | $\begin{array}{r} \text { Average } \\ \text { Annual } \\ \text { Allowances } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory Retirement System | 1997 | 1,429 | 78 | 13,223 | \$186,262,000 | 15.66\% | \$13,668 |
|  | 1998 | 1,482 | 106 | 14,599 | 213,752,000 | 14.76 | 14,184 |
|  | 1999 | 1,716 | 119 | 16,196 | 243,829,000 | 14.07 | 14,577 |
|  | 2000 | 1,709 | 150 | 17,755 | 276,878,000 | 13.55 | 15,120 |
|  | 2001 | 1,577 | 167 | 19,165 | 311,311,000 | 12.44 | 15,756 |
|  | 2002 | 1,737 | 236 | 20,666 | 348,230,000 | 11.86 | 16,351 |
|  | 2003 | 1,805 | 256 | 22,215 | 386,791,000 | 11.07 | 16,884 |
|  | 2004 | 1,803 | 244 | 23,774 | 424,897,000 | 9.85 | 17,126 |
|  | 2005 | 2,212 | 276 | 25,710 | 469,695,000 | 10.54 | 17,731 |
|  | 2006 | 2,728 | 284 | 28,154 | 533,248,000 | 13.53 | 18,387 |
| Contributory Retirement System | 1997 | 69 | 545 | 9,753 | \$ 63,884,000 | (0.95)\% | \$ 5,916 |
|  | 1998 | 70 | 585 | 9,238 | 62,249,000 | (2.56) | 6,168 |
|  | 1999 | 88 | 578 | 8,748 | 61,141,000 | (1.78) | 6,423 |
|  | 2000 | 101 | 557 | 8,292 | 60,317,000 | (1.35) | 6,742 |
|  | 2001 | 98 | 542 | 7,848 | 59,575,000 | (1.23) | 7,078 |
|  | 2002 | 120 | 566 | 7,402 | 59,497,000 | (0.13) | 7,490 |
|  | 2003 | 122 | 582 | 6,942 | 57,863,000 | (2.75) | 7,865 |
|  | 2004 | 140 | 564 | 6,518 | 56,992,000 | (1.51) | 8,039 |
|  | 2005 | 178 | 521 | 6,175 | 57,100,000 | 0.19 | 8,799 |
|  | 2006 | 187 | 510 | 5,852 | 58,546,000 | 2.53 | 9,503 |
| Public Safety Retirement System | 1997 | 123 | 8 | 1,932 | \$ 30,972,000 | 9.74\% | \$14,868 |
|  | 1998 | 169 | 15 | 2,086 | 34,374,000 | 10.98 | 15,360 |
|  | 1999 | 160 | 22 | 2,224 | 38,549,000 | 12.15 | 16,248 |
|  | 2000 | 151 | 4 | 2,371 | 42,769,000 | 10.95 | 16,974 |
|  | 2001 | 271 | 53 | 2,589 | 48,607,000 | 13.65 | 17,743 |
|  | 2002 | 162 | 30 | 2,721 | 53,962,000 | 11.02 | 18,801 |
|  | 2003 | 183 | 26 | 2,878 | 59,941,000 | 11.08 | 19,796 |
|  | 2004 | 204 | 35 | 3,047 | 66,329,000 | 10.66 | 20,816 |
|  | 2005 | 252 | 31 | 3,268 | 74,041,000 | 11.63 | 21,724 |
|  | 2006 | 212 | 31 | 3,449 | 82,499,000 | 11.42 | 22,977 |
| Firefighters Retirement System | 1997 | 43 | 9 | 710 | \$ 14,321,000 | 11.12\% | \$16,896 |
|  | 1998 | 32 | 6 | 736 | 15,741,000 | 9.92 | 18,180 |
|  | 1999 | 42 | 5 | 773 | 16,955,000 | 7.71 | 18,853 |
|  | 2000 | 53 | 1 | 825 | 18,738,000 | 10.52 | 19,717 |
|  | 2001 | 52 | 10 | 867 | 20,778,000 | 10.89 | 20,928 |
|  | 2002 | 32 | 14 | 885 | 22,288,000 | 7.27 | 22,131 |
|  | 2003 | 40 | 4 | 921 | 23,520,000 | 5.53 | 22,573 |
|  | 2004 | 30 | 18 | 933 | 25,263,000 | 7.41 | 24,257 |
|  | 2005 | 53 | 12 | 974 | 27,269,000 | 7.94 | 25,319 |
|  | 2006 | 44 | 5 | 1,013 | 29,497,000 | 8.17 | 26,430 |
| Judges Retirement System | 1997 | 5 | 1 | 73 | \$ 2,690,000 | 8.82\% | \$35,796 |
|  | 1998 | 3 | 3 | 73 | 3,002,000 | 11.60 | 39,912 |
|  | 1999 | 1 | 1 | 73 | 3,160,000 | 5.26 | 42,032 |
|  | 2000 | 2 | - | 75 | 3,322,000 | 5.13 | 43,018 |
|  | 2001 | 4 | 1 | 78 | 3,659,000 | 10.14 | 45,547 |
|  | 2002 | 1 | 2 | 77 | 3,804,000 | 3.96 | 48,014 |
|  | 2003 | 8 | 2 | 83 | 4,361,000 | 14.64 | 51,023 |
|  | 2004 | 2 | 1 | 84 | 4,518,000 | 3.62 | 52,243 |
|  | 2005 | 5 | 1 | 88 | 4,755,000 | 5.25 | 52,465 |
|  | 2006 | 3 | 2 | 89 | 5,251,000 | 10.43 | 57,325 |
| Utah Governors and Legislators Retirement Plan | 1997 | 12 | 2 | 210 | \$ 519,000 | 2.98\% | \$ 2,400 |
|  | 1998 | 7 | 4 | 213 | 538,000 | 3.66 | 2,460 |
|  | 1999 | 13 | 5 | 221 | 583,000 | 8.36 | 2,556 |
|  | 2000 | 5 | 7 | 219 | 662,000 | 13.55 | 2,649 |
|  | 2001 | 10 | - | 229 | 691,000 | 4.38 | 2,606 |
|  | 2002 | 7 | 5 | 231 | 708,000 | 2.46 | 2,648 |
|  | 2003 | 3 | 11 | 223 | 726,000 | 2.54 | 2,817 |
|  | 2004 | 6 | 8 | 221 | 712,000 | (1.93) | 2,804 |
|  | 2005 | 12 | 3 | 230 | 755,000 | 6.04 | 2,851 |
|  | 2006 | 3 | 11 | 222 | 758,000 | 0.40 | 2,983 |

Noncontributory Retirement System

## Summary of Plan Provisions

## Noncontributory Retirement System

## Vesting

## Service <br> Retirement

```
Service Benefit Number of years of service x 2.0% x FAS*.
Formula *FAS (Final Average Salary) = highest three years' earnings converted to a monthly average.
    Yearly salary increases are limited to 10% plus a COLA determined by the CPI.
```

Cost of
Living Allowance

## Death Benefits

Up to 4\% annually on the original retirement benefit.
Eligible after one year.

An active member's death benefit consists of an insurance payment equal to $75 \%$ of the highest annual salary with a minimum of $\$ 1,000$ and a refund of transferred contributions plus interest. The spouse of a deceased member is eligible for a monthly benefit if they have been married for at least six months and the member meets age and service qualifications or has 15 or more years of service credit.

An inactive member's death benefit for someone with fewer than ten years of service consists of a refund of transferred contributions plus interest. For those with ten or more years of service credited to their account prior to July 1, 1987 and who have not withdrawn their contributions, the benefit is the same as for active members.

A retired member's death benefit depends on the retirement option selected at retirement. No death benefit is available without a reduced retirement benefit.

Refunds A terminated member who transferred from the Contributory Retirement System is eligible for a $100 \%$ refund of transferred member contributions plus interest. There is a 60 -day refund processing period after the last day of paid employment.

Contribution Rates
(as of 12-31-06)

A redeposit with interest may be made in monthly installments, by a lump-sum payment, or by direct transfer from a qualified plan. A redeposit must be completed prior to retirement. Service credit is restored when the redeposit is completed.

Employer rate for State \& School (Level A) is $14.22 \%$ of covered salary and $11.59 \%$ for Local Government (Level B).

Up to 8\% on member accounts transferred from the Contributory Retirement System.

## Contributory Retirement System

## Summary of Plan Provisions

## Contributory Retirement System

Description

## Membership Eligibility

Requirement
The Public Employees Contributory Retirement System includes eligible public employees of the State of Utah and its political subdivisions including public education employees of those entities covered by the System. An employee is qualified for membership in the Contributory System if his or her employer participates in the System and the employee works at least 20 hours per week and receives benefits normally provided by his or her employer as approved by the Retirement Board, teachers who teach half-time, and classified school employees who work an average of 20 hours per week or more regardless of benefits provided.

Vesting Retirement benefit becomes vested upon the member's completion of 4 years of qualifying service. Eligible member contributions and interest thereon vest immediately.

## Service Retirement

## Service Benefit Formula

| Age | Years of Service | Allowance Reduction $\dagger$ |
| :---: | :---: | :---: |
| Any age. | 30 | None |
| 60-61 | 20. | ar before age 65 |
| 62-64 | .10...... | ar before age 65 |
| 65. |  | None |

+With fewer than 30 years of service from any combination of Utah Retirement Systems, retiring before age 65 will reduce the monthly benefit by 3\% for each year between ages 60 and 65 .

1) Number of years of service before $7-1-75 \times 1.25 \% \times$ FAS* .
2) Number of years of service after $6-30-75 \times 2.0 \% \times$ FAS**

## Cost of Living Allowance

3) Plan 1 allowance $=$ total of 1 and 2 .
*FAS (Final Average Salary) $=$ highest five years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.

## Death Benefits

## Refunds

## Redeposits

## Contribution Rates <br> (as of 12-31-06)

## Interest

Up to 4\% annually on the original retirement benefit.
Eligible after one year.

An active member's death benefit consists of an insurance payment equal to $75 \%$ of the highest annual salary with a minimum of $\$ 1,000$ and a refund of contributions plus interest. The spouse of a deceased member is eligible for a monthly benefit if they have been married for at least six months and the member meets age and service qualifications, or has 25 years of service.

An inactive member's death benefit for someone with fewer than ten years of service consists of a refund of contributions plus interest. For those with ten or more years of service credited to their account prior to July 1, 1987 and who have not withdrawn their contributions, the benefit is the same as for active members.

A retired member's death benefit depends on the retirement option selected at retirement. No death benefit is available without a reduced retirement benefit.

A terminated member is eligible for a $100 \%$ refund of member contributions plus interest. There is a 60 -day refund processing period after the last day of paid employment.

A redeposit with interest may be made in monthly installments, by a lump-sum payment, or by direct transfer from a qualified plan. A redeposit must be completed prior to retirement. Service credit is restored when the redeposit is completed.

Member contribution rate is $6.00 \%^{*}$ of covered salary. Employer rate for State and School (Level A) is $9.73 \%$ of covered salary and $7.58 \%$ for Local Government (Level B).
*Employers have the option of paying all or part of member contributions on behalf of their employees.
Up to 8\% on member accounts.

## Public Safety Retirement System

## Summary of Plan Provisions

## Public Safety Retirement System

Description Requirement

## Membership <br> Eligibility

## Eligible member contributions vest immediately.

| Service | Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: | :---: |
| Retirement | Any age | 20 | None |
|  | 60 ........ | . 10 | None |
|  |  |  | None |

## Service Benefit

 Formula1) $2.5 \% \times$ FAS* $\times$ years of service up to 20 years.
2) $2.0 \% \times$ FAS* $\times$ years of service over 20 years.

The Public Safety Retirement System includes eligible state and local government employees directly involved in law enforcement. The Public Safety System consists of the Contributory and Noncontributory divisions. Employees are qualified for membership in the Public Safety System if: (1) they are regularly scheduled to work and be compensated for 2,080 hours a year in a recognized public safety department; (2) they have completed a certified training program; (3) their primary duty is as a peace officer, correctional officer or special function officer; and (4) in the course of employment their life or personal safety is at risk.

Vesting Retirement benefit becomes vested upon the member's completion of 4 years of service credit.
3) Monthly benefit $=$ total of 1 and 2 .** $^{* *}$
*FAS (Final Average Salary) = highest three years' earnings converted to a monthly average. Yearly salary increases are limited to $10 \%$ plus a COLA determined by the CPI.
**Benefits paid cannot exceed $70 \%$ of FAS.
$\begin{array}{ll}\text { Cost of } & \text { Up to } 2.5 \% \text { annually on original retirement benefit. } \\ \text { Living Allowance } & \text { Eligible after one year. }\end{array}$

## Public Safety Retirement System <br> Summary of Plan Provisions (Continued)

## Public Safety Retirement System

Description

## Contribution Rates

(as of 12-31-06)

## Interest

Requirement
Division A (with Social Security)
If death is in the line of duty, the benefit to the surviving spouse is $\$ 1,000$ plus a monthly benefit of $30 \%$ of the final average salary. In the noncontributory system only, if the member has 20 years of service credit, the spouse's benefit is the same as for a retired member. If death is not in the line of duty, the benefit is $\$ 1,000$ or a refund of contributions for members with fewer than 10 years of service. For more than 10 years of service, the benefit to the surviving spouse is $\$ 500$ plus a monthly benefit of $2 \%$ of the final average salary for each year of service to a maximum of $30 \%$ of the final average salary. If there is no spouse, the settlement is a $100 \%$ refund of vested contributions payable to the beneficiary, or $\$ 500$, whichever is greater. Dependent children receive no additional benefits. A retired member's death benefit to the surviving spouse is $65 \%$ of the monthly benefit

## Division B (without Social Security)

If death is in the line of duty, the benefit to the surviving spouse is $\$ 1,500$ plus a monthly benefit of $37.5 \%$ of the final average salary. Each unmarried child under 18 or dependent unmarried mentally or physically disabled child receives $\$ 50$ per month if the member had two or more years of service. If death is not in the line of duty, the benefit is a refund of contributions plus $50 \%$ of the last 12 months of salary for members with fewer than two years of service. For members with more than two years of service, the benefit is the same as that for death in the line of duty. If there is no spouse, the settlement is a $100 \%$ refund of vested contributions payable to the beneficiary, or $\$ 500$, whichever is greater. A retired member's death benefit to a surviving spouse is $65 \%$ of the monthly benefit. An unmarried child under 18 or dependent unmarried mentally or physically disabled child receives $\$ 50$ per month.

A terminated member is eligible for a $100 \%$ refund of member contributions.
There is a 60-day refund processing period after the last day of paid employment.
A redeposit with interest may be made in monthly installments, by a lump-sum payment, or by direct transfer from a qualified plan. A redeposit must be completed prior to retirement. Service credit is restored when the redeposit is completed.

## Noncontributory Option

Employer rates for Division A are: State units 26.75\%; Bountiful 19.99\%; and other units 22.38\% of covered salary. Employer rates for Division B are: Salt Lake City 35.71\%; Ogden 30.44\%, Logan $25.48 \%$ and all other units $25.49 \%$ of covered salary.

## Contributory Option

Member rates in Division A are: State units 12.29\%; and all other units $12.29 \%$ of covered salary. Member rates in Division B are: Salt Lake City 13.74\%; Logan 11.13\%; Provo 13.54\%; and other units $10.50 \%$ of covered salary.*

Employer rates for Division A are: State units 15.46\%; and other law enforcement units 11.01 \% of covered salary. Employer rates for Division B are: Salt Lake City 22.99\%; Logan $14.61 \%$; Provo $15.57 \%$; and other units $15.69 \%$ of covered salary.
*Employers have the option of paying all or part of member contributions on behalf of their employees.

Up to $8 \%$ on member accounts.

## Firefighters Retirement System

## Summary of Plan Provisions

## Firefighters Retirement System

## Description

## Membership <br> Eligibility

## Vesting <br> Retirement benefit becomes vested upon the member's completion of 4 years of service credit.

Service
Retirement

## Service Benefit Formula

Requirement
The Firefighters Retirement System includes eligible state and local government employees directly involved in fire fighting and whose duties are classified as hazardous. If an employer does not classify the duties as hazardous, the employee will be enrolled in either the Public Employees Contributory or Noncontributory Retirement System. Employees are qualified for membership in the Firefighters System if they are regularly scheduled to work and be compensated for 2,080 hours a year in a regular constituted fire department and are regularly assigned to hazardous duty. Although volunteer firefighters who are on the rolls of a regularly constituted fire department do not contribute to the System and are not eligible for service retirement benefits, they or their beneficiaries receive benefits based on the salary of the lowest paid firefighters in a first-class city if they are disabled or killed in the line of duty. Eligible member contributions vest immediately.

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| Any age | 20 | None |
| 60 | 10 | None |
| 65 | 4 | Non |

1) $2.5 \% \times$ FAS* $\times$ years of service up to 20 years
2) $2.0 \% \times$ FAS* $\times$ years of service over 20 years.
3) Monthly benefit = total of 1 and 2.**
*FAS (Final Average Salary) = highest three years' earnings converted to a monthly average. Yearly salary increases are limited to 10\% plus a COLA determined by the CPI.
**Benefits paid cannot exceed $70 \%$ of FAS, but cannot be less than $\$ 500$.

## Cost of <br> Living Allowance

Disability Benefits

Up to 4.0\% annually on original retirement benefit.
Eligible after one year.

If disability is in the line of duty, the benefit is $50 \%$ of the final average salary with no minimum age or service requirements. If disability is not in the line of duty, the benefit is a refund of contributions for members with fewer than five years of service. For members with more than five years of service, the benefit is the same as that for disability incurred in the line of duty. Benefits are suspended while receiving Workers Compensation.

## Firefighters Retirement System

Summary of Plan Provisions (Continued)

## Firefighters Retirement System (Cont.)

| Description | Requirement |
| :--- | :--- |
| Death Benefits | Division A (with Social Security) |

If death is in the line of duty, the benefit to the surviving spouse is $\$ 1,500$ plus a monthly benefit of $30 \%$ of final average salary. If death is in the line of duty, and the member has 20 or more years of service credit, the spouse's benefit is the same as for a retired member. Total benefits cannot exceed $70 \%$ of the final average salary.

If death is not in the line of duty, the benefit is $\$ 1,000$ or a refund of contributions for members with fewer than 10 years of service. For members with more than 10 years of service, the benefit to the surviving spouse consists of $\$ 500$ plus a monthly benefit of $2 \%$ of the final average salary for each year of service to a maximum of $30 \%$ of the final average salary.

## Division B (without Social Security)

If death is in the line of duty, the benefit to the surviving spouse is $\$ 1,500$ plus a monthly benefit of $37.5 \%$ of the final average salary. Each unmarried child under 21 or dependent unmarried mentally or physically disabled child receives $\$ 75$ per month if the member had five or more years of service. If death is in the line of duty, and the member has 20 or more years of service credit, the spouse's benefit is the same as for a retired member.

If death is not in the line of duty, the benefit is a refund of contributions plus $50 \%$ of the last 12 months of salary for members with fewer than five years of service. For members with more than five years of service, the benefit is the same as that for death in the line of duty. If there is no spouse, the settlement is a $100 \%$ refund of vested contributions payable to the beneficiary, or $\$ 500$, whichever is greater. Total benefits cannot exceed $70 \%$ of the final average salary.

A retired member's death benefit to a surviving spouse is $75 \%$ of the monthly benefit with a minimum monthly payment of $\$ 350$. An unmarried child under 21 or dependent unmarried mentally or physically disabled child receives $\$ 75$ per month.

Refunds

Redeposits

Contribution Rates
(as of 12-31-06)

A terminated member is eligible for a 100\% refund of member contributions. There is a 60-day refund processing period after the last day of paid employment.

A redeposit with interest may be made in monthly installments, by a lump-sum payment, or by direct transfer from a qualified plan. A redeposit must be completed prior to retirement. Service credit is restored when the redeposit is completed.

Member rate in Division A is $10.84 \%$ of covered salary. Member rate in Division B is $8.72 \%$ of covered salary.* Employer rate in Division A is $0.00 \%$ and in Division B is $0.00 \%$ of covered salary. A fire insurance premium tax equal to $12.08 \%$ of salaries is also an additional part of the employer contribution rates.

Fire insurance premium taxes are collected by the Utah State Treasurer for the Firefighters Retirement System to help fund retirement benefits.
*Employers have the option of paying all or part of member contributions on behalf of their employees.
Interest
Member contributions receive no interest.

## Judges Retirement System

## Summary of Plan Provisions

## Judges Retirement System

## Description

Membership
Eligibility

## Vesting

Service Retirement

Requirement
The Judges Retirement System includes justices and judges of the courts of record as authorized in state statutes.

Retirement benefit becomes vested upon the member's completion of 6 years of service credit. Eligible member contributions and interest thereon vest immediately.

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| Any age | . 25 | None |
| 55 | . 20 | tuarial reduction |
| 62 | 10 | None |
| 70 |  |  |

Service Benefit Formula

Cost of Living Allowance

## Death Benefits

Refunds A terminated member is eligible for a $100 \%$ refund of member contributions plus interest. There is a 60 -day refund processing period after the last day of paid employment.

## Contribution Rates

(as of 12-31-06)

Interest

A redeposit with interest may be made in monthly installments, by a lump-sum payment, or by direct transfer from a qualified plan. A redeposit must be completed prior to retirement. Service credit is restored when the redeposit is completed.

Noncontributory Option - Employer rate includes 9.79\% of covered salary and 18.04\% from court fees.

Contributory Option - Member rate is $2.00 \%$ of covered salary. Employer rate includes 7.79\% of covered salary and 18.04\% from court fees.

Up to 8\% on member accounts.

## Utah Governors and Legislators Retirement Plan <br> Summary of Plan Provisions

## Utah Governors and Legislators Retirement Plan

Description

## Membership <br> Eligibility

## Vesting

Service
Retirement

## Service Benefit Formula

Cost of Living Allowance

## Death Benefits

Contribution Rates (as of 12-31-06)

Requirement
The Utah Governors and Legislators Retirement Plan includes only governors and legislators of the State of Utah.

Retirement benefit becomes vested upon the member's completion of 4 years of service credit.

| Age | Years of Service | Allowance Reduction |
| :---: | :---: | :---: |
| 65 | 4 | None |
| 62 | 10 | ar before age 65 |

## Governors

$\$ 500$ per month per term increased semi-annually up to $2 \%$ based on the CPI. The amount as of 12-31-06 is $\$ 1,160$ per term.

## Legislators

$\$ 10$ per month per each year of service as a legislator increased semi-annually up to $2 \%$ based on the CPI. The amount as of $12-31-06$ is $\$ 25.60$.

Up to 4\% annually on the original retirement benefit.
Eligible after one year.

An active or retired member's death benefit to a spouse consists of a monthly pension equal to $50 \%$ of the retirement allowance paid, or to which the member would have been entitled to upon reaching age 65, if the member has four or more years of service as a governor or legislator. The deceased member and surviving spouse must have been married at least six months.

There are currently no required contributions to the Utah Governors and Legislative Retirement Plan.

## Changes in Plan Provisions

The following retirement-related bills were passed by the 2006 Utah Legislature:

## Public Employees Retirement System

## HB 209 Partial Lump-Sum Option (PLSO)

Allows a member to choose either 12 or 24 months of his/her retirement benefit as a one-time lump-sum payment at retirement with an actuarial reduction of the remaining lifetime benefit.

## HB 346 State Employee Retirement Exclusion

Allows certain employees of the governor's office of economic development and legislative leadership offices to exempt from coverage under the Public Employees' Contributory/ Noncontributory Retirement System; makes technical changes.

## Public Safety Retirement System

## HB 269 Retirement System Continuity

Allows employees in the Public Safety Retirement System who are reassigned to the Department of Technology Services or to the Department of Human Resource Management to remain in the same retirement system.


## General

## HB 11 Retirement Office Amendments

- Clarifies the purchase of service credit provisions:
-Defines conditions under which certain purchases of service are permissible.
-Requires that purchase payments be made to the retirement system in which the member is currently enrolled;
- Includes public employment in a US territory;
- Requires that a court ordered distribution of benefits be made within 12 months following the death of the member;
- Requires that a United States Bureau of Labor Statistics Consumer Price Index average shall be used in calculating annual cost-of-living adjustments.


## HB 224 (SUB) Retirement System Participation

Allows continuing retirement coverage for employees of a private corporation if they are transferred to a subsidiary or another company; allows such companies to continue or withdraw from retirement participation.

# Defined Contribution Plans 

## Summary of <br> Plan Provisions

## Introduction

The 401(k), 457, Roth and Traditional IRA Plans administered by the Board are Defined Contribution Savings Plans. These Plans are available as supplemental plans to the basic retirement benefits of the Retirement

Systems. These Plans are voluntary tax-advantaged retirement savings programs authorized under sections 401(k), 457(b), and 408 of the Internal Revenue Code and are available to state, local government, and education employees throughout Utah whose employers have adopted the plans.

## Goals and Objectives

The purpose of these plans is to allow public employees throughout Utah to adequately prepare themselves for retirement by investing a portion of their income in one or more of these supplemental retirement plans.

It has long been recognized that in order for people to experience the comfortable and rewarding retirement they desire, they cannot rely entirely upon Social Security and their employer provided retirement. Employees must take the initiative to personally put aside a portion of their salary into some type of long term savings plan. These tax-advantaged plans provide exceptional vehicles to accomplish the goal of a well balanced retirement plan. Employees who begin participating in these plans early in their careers can accumulate sizeable assets by the time they retire.

## Employer Contributions

In addition to accepting employee contributions, the $401(\mathrm{k})$ and 457 plans also accept employer contributions on behalf of their employees. All state and public education employees participating in the Noncontributory Retirement System receive an amount equal to 1.5\% of their salary in the 401(k) Plan. All local government employers also have the option of contributing to the 401 (k) and 457 Plans on behalf of their employees. Many contribute amounts in excess of the $1.5 \%$ the State contributes. Some employers match employee contributions.

## Social Security Substitute

Local governments that have exempted themselves from Social Security coverage and have part-time, temporary, or seasonal employees, who are not participating in a qualifying retirement system, must cover these employees with a substitute plan.

Employers may use the $401(k) / 457$ Plans as a qualifying retirement system for these employees, but must contribute a minimum of $7.5 \%$ of salary to the Plan(s) in their behalf for it to be considered a "qualifying system." The employer may contribute the $7.5 \%$ themselves, or they may require their employees to pay a portion or all of it.

## Summary of Plan Provisions

## Deferral Limits

401 (k)—Limited in 2006 to an annual maximum of $\$ 15,000$. Employer contributions and employee deferrals combined could not exceed the lesser of $\$ 44,000$ or $100 \%$ of compensation.
457-Limited to an annual maximum of $\$ 15,000$ or $100 \%$ of includable compensation.

Roth and Traditional IRA-Limited to an annual maximum of $\$ 4,000$ into all IRAs owned by the participant.

## Coordination of Deferrals

401(k)—Deferrals to the 401(k) and 403(b) plans must be coordinated.

457-Contributions to the 457 must be coordinated with all 457 plans offered by the employer.

Roth and Traditional IRA-All IRA contributions must be coordinated.

## Defined Contribution Plans

## Summary of Plan Provisions

## Catch-up Provisions

401(k)—An additional \$5,000 for participants 50 or older during the year.

457-An additional $\$ 5,000$ for participants age 50 or older during the year. There is an additional "special catch-up" provision for individuals who are within four years of retirement eligibility. It allows participants to double their contributions to a 457 plan during the three years immediately proceeding the year they qualify for retirement. However, the special catch-up is limited to unused deferrals allowed in previous years.
Roth and Traditional IRA—An additional \$1,000 for participants 50 or older.

## Withdrawals

401(k)—Allowable upon termination of employment, age 59 ½, retirement, disability, death, or hardship caused by immediate and heavy financial needs.
457-Allowable upon termination of employment, age $701 / 2$, retirement, death, or severe unforeseeable financial emergencies.

Roth and Traditional IRA—Allowable at any time, but with possible tax penalties if withdrawn prior to age $591 / 2$.

## Rollovers

401(k)—Allowable from other eligible retirement plans, or to other eligible retirement plans upon termination of employment or other qualifying events. May be either a direct rollover by the Plan or by the participant within 60 days after distribution.

457-Allowable to other eligible retirement plan or from another 457 plan.

Roth and Traditional IRA—Allowable from other eligible retirement plans or to other eligible plans (depending on acceptance of receiving plan).

## Vesting

401(k)—Fully vested.
457-Fully vested.
Roth and Traditional IRA—Fully vested.

## Loans

401(k) and 457-Available up to 50\% of member account balance, to a maximum of $\$ 50,000$. Only one outstanding loan allowed, per plan.

Roth and Traditional IRA-Not available.

## Short Term Trading Fees

Each time money managers purchase or redeem stocks and bonds there are trading costs involved. Because of the costs generated by frequent or short term trading, it became necessary to impose a short term trading fee. Individuals who transfer any or all of their current account between core investment options more often than once every 30 days, are charged $2 \%$ of the amount transferred for each additional trade. Each transfer starts a new 30 day period.

## Investment Transfer Options

Changes in deferral amounts and in the investment options for future contributions may be made at any time. Participants may make one transfer of accumulated balances within each plan no more frequently than every seven calendar days.

## 2006 Core Investment Options

## Income Fund

The Income Fund is a stable value option which invests in a diversified portfolio consisting of U.S. government securities, mortgages, corporate bonds, guaranteed investment contracts, and short term funds. This fund is the most conservative of the investment options and offers the most stable return.

## Bond Fund

The Bond Fund invests in a diversified portfolio consisting of U.S. government securities, mortgages, corporate bonds, and short term funds.

## Balanced Fund

The Balanced Fund invests in a portfolio consisting of approximately $60 \%$ stocks, and $40 \%$ bonds. This fund is considered less risky than most stock investments but has higher risk than most fixed income investments.

## Large Cap Stock Value Fund

The Large Cap Stock Value Fund invests in a diversified portfolio of common stocks that appear to be undervalued by the stock market but have a favorable outlook for long term growth.

## Large Cap Stock Index Fund

The Large Cap Stock Index Fund invests in stocks included in the Standard \& Poor's 500 Index and is similarly weighted. This fund represents a broad range of industries in the U.S. economy.

## Defined Contribution Plans

## Summary of Plan Provisions

## Large Cap Stock Growth Fund

The Large Cap Stock Growth Fund emphasizes capital appreciation and seeks to identify companies with future relative earnings strength at a reasonable valuation.

## International Fund

The International Fund invests primarily in stocks of companies outside of the United States. This fund offers international diversification, but adds currency risk and country risk not found in a U.S. fund. Accordingly, the risk and return potential of this fund is considered greater than a large cap U.S. fund.

## Small Cap Stock Fund

The Small Cap Stock Fund invested in a broad crosssection of U.S. small companies whose size (market capitalization) falls within the smallest $8 \%$ of the market universe. The market universe is comprised of companies listed on the NYSE, AMEX, and NASDAQ.

## Brokerage Window

The brokerage window is a self-directed brokerage account available through Charles Schwab. The brokerage account offers a wide variety of investment options with varying degrees of risk. The brokerage window allows the participant to choose from mutual funds, stocks, bonds, and exchange traded funds (ETFs).

## Horizon Funds

A Horizon Fund asset allocation is designed to help those who want to diversify their investment. If they select one of the three Horizon Funds, contributions will be allocated to the investment options according to the following table. The Horizon Funds will generally rebalance quarterly if target ranges are exceeded. Utah Retirement Systems reserves the right to change these percentages as needed.

The Short Horizon Fund is designed for investors expecting to withdraw their funds within five years. This fund provides a relatively conservative investment with a more stable rate of return. However, with reduced market risk there is usually a lower rate of return over the long term.

The Medium Horizon Fund is designed for investors planning to withdraw their funds in five to ten years. This fund emphasizes moderate risk and moderate earnings potential. It has more risk than the Short Horizon Fund, but less than the Long Horizon Fund.

Horizon Funds Asset Allocations

|  | Short <br> Horizon <br> Fund | Medium <br> Horizon <br> Fund | Long <br> Horizon <br> Fund |
| :--- | ---: | ---: | ---: |
| Income Fund | $15 \%$ | - | - |
| Bond Fund | 55 | 45 | 20 |
| Large Cap Stock Value Fund | 5 | 10 | 10 |
| Large Cap Stock Index Fund | 5 | 15 | 25 |
| Large Cap Stock Growth Fund | 5 | 10 | 10 |
| International Fund | 10 | 15 | 25 |
| Small Cap Stock Fund | 5 | 5 | 10 |
| Total | $100 \%$ | 100 | 100 |

The Long Horizon Fund is designed for investors with ten or more years to invest before withdrawing their funds. The fund offers the potential for higher returns over a long period of time. There is higher market risk with this horizon fund, along with higher potential returns.

## Health Reimbursement Arrangement

The Health Reimbursement Arrangement (HRA) is a tax-advantaged health savings plan funded by employer contributions to pay for qualified health care expenses incurred after retirement.

Eligibility - Benefits are eligible for the retiree, spouse, and dependents as defined by the Internal Revenue Service.

Contributions - HRA rules require that all contributions be made by the employer and are determined by the employer's personnel policies. Contributions are generally from unused sick leave or other leave.

Refunds, Administration and Fees - Money is available until all the funds are used. Any money remaining in the account rolls over from year to year. For a comprehensive list of eligible expenses, see IRS Publication 502, Medical and Dental Expenses.

Contributions are placed in an interest bearing account managed by Northern Trust. Investment management and administrative fee totaling $0.6 \%$ are deducted from earnings. There is also a $\$ 2.50$ monthly fee for the benefit card and claims processing.

The historical rates of returns for each investment fund are found on page 105.ed
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## Schedules of Changes in Fund Balance -

 Defined Benefit Systems| Year Ended December 31 <br> System | (dollars in thousands) |  |  |  | Total Employer Contributions |  | Contributions as a Percent of Covered Payroll | Net InvestmentIncome |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Year |  | Beginning Net Assets | Member Contributions | $\begin{array}{r} \text { Employer } \\ \text { Contributions } \end{array}$ | $\begin{array}{r} \text { Court Fees/ } \\ \text { Fire Insurance Tax } \end{array}$ |  |  |
| Noncontributory Retirement System | 1997 | \$ | 6,510,470 | 7,301 | 294,937 | - | 13.40\% | \$1,047,207 |
|  | 1998 |  | 7,712,364 | 7,698 | 318,635 | - | 13.47 | 734,399 |
|  | 1999 |  | 8,572,101 | 10,829 | 338,704 | - | 13.55 | 1,421,401 |
|  | 2000 |  | 0,111,101 | 11,518 | 352,339 | - | 13.25 | 186,787 |
|  | 2001 |  | 0,423,745 | 10,969 | 331,951 | - | 11.72 | $(5,44,848)$ |
|  | 2002 |  | 9,905,802 | 12,496 | 291,256 | - | 9.95 | $(788,906)$ |
|  | 2003 |  | 9,073,766 | 11,517 | 314,511 | - | 10.63 | 2,315,577 |
|  | 2004 |  | 1,280,140 | 14,377 | 369,109 | - | 11.97 | 1,547,605 |
|  | 2005 |  | 12,786,130 | 19,817 | 406,795 | - | 12.85 | 1,185,095 |
|  | 2006 |  | 13,892,439 | 22,646 | 440,421 | - | 13.24 | 2,006,738 |
| Contributory Retirement System | 1997 | \$ | 912,390 | 8,537 | 10,651 | - | 7.71\% | \$ 133,286 |
|  | 1998 |  | 943,494 | 8,399 | 10,729 | - | 7.83 | 84,692 |
|  | 1999 |  | 954,147 | 8,525 | 10,840 | - | 7.43 | 17,543 |
|  | 2000 |  | 1,030,515 | 8,464 | 10,484 | - | 7.43 | 17,543 |
|  | 2001 |  | 946,420 | 8,604 | 8,480 | - | 5.93 | $(47,761)$ |
|  | 2002 |  | 843,982 | 8,923 | 6,735 | - | 4.73 | $(64,251)$ |
|  | 2003 |  | 716,132 | 8,673 | 7,297 | - | 5.23 | 186,339 |
|  | 2004 |  | 889,808 | 9,023 | 9,564 | - | 6.86 | 117,340 |
|  | 2005 |  | 949,393 | 10,300 | 10,357 | - | 7.52 | 88,388 |
|  | 2006 |  | 1,018,525 | 9,534 | 10,737 | - | 8.02 | 144,012 |
| Public Safety Retirement System | 1997 | \$ | 831,262 | 4,345 | 34,217 | - | 17.51\% | \$ 132,490 |
|  | 1998 |  | 970,857 | 4,463 | 40,099 | - | 18.88 | 92,284 |
|  | 1999 |  | 1,073,781 | 3,900 | 45,110 | - | 19.96 | 177,027 |
|  | 2001 |  | 1,261,920 | 4,132 3,976 | 49,113 46,113 | - | 19.90 17.68 | 23,226 $(67,688)$ |
|  | 2002 |  | 1,229,903 | 4,258 | 42,264 | - | 15.74 | $(97,816)$ |
|  | 2003 |  | 1,124,549 | 4,448 | 46,655 | - | 16.76 | 288,126 |
|  | 2004 |  | 1,404,167 | 5,038 | 56,319 | - | 19.17 | 192,784 |
|  | 2005 |  | 1,594,043 | 4,806 | 61,326 | - | 20.53 | 148,071 |
|  | 2006 |  | 1,736,451 | 4,567 | 70,466 | - | 22.25 | 250,813 |
| Firefighters Retirement System | 1997 | \$ | 362,555 | 8,358 | 2,836 | 4,552 | 14.41\% | \$ 57,541 |
|  | 1998 |  | 421,184 | 8,771 | 2,546 | 4,391 | 12.77 | 39,699 |
|  | 1999 |  | 460,190 | 9,352 | 1,221 | 4,516 | 9.97 | 75,242 |
|  | 2000 |  | 532,783 | 9,617 | 140 | 6,615 | 10.68 | 9,733 |
|  | 2001 |  | 540,822 | 7,549 | - | 8,354 | 12.43 | $(28,038)$ |
|  | 2002 |  | 508,565 | 5,800 | - | 9,454 | 13.25 | $(40,198)$ |
|  | 2003 |  | 461,323 | 6,055 | - | 9,059 | 11.98 | 117,392 |
|  | 2004 |  | 570,160 | 6,292 | - | 8,659 | 10.87 | 77,602 |
|  | 2005 |  | 637,979 | 6,726 | - | 9,601 | 11.42 | 58,827 |
|  | 2006 |  | 686,062 | 7,761 | - | 9,518 | 10.73 | 98,566 |
| Judges <br> Retirement System | 1997 | \$ | 55,757 | 462 | 1,305 | 1,901 | 34.53\% | \$ 8,933 |
|  | 1998 |  | 66,299 | 15 | 1,792 | 1,912 | 39.45 | 6,260 |
|  | 1999 |  | 73,650 | 8 | 1,637 | 1,681 | 32.84 | 12,048 |
|  | 2000 |  | 85,921 | 8 | 1,476 | 1,946 | 32.91 | 1,571 |
|  | 2001 |  | 87,731 | 7 | 1,007 | 2,046 | 27.94 | $(4,559)$ |
|  | 2002 |  | 82,760 | 5 | 472 | 2,381 | 25.53 | $(6,564)$ |
|  | 2003 |  | 75,753 | 103 | 551 | 1,939 | 22.87 | 19,417 |
|  | 2004 |  | 94,467 | 8 | 723 | 1,808 | 21.73 | 12,852 |
|  | 2005 |  | 105,483 | 8 | 792 | 1,605 | 20.67 | 9,762 |
|  | 2006 |  | 113,353 | 10 | 995 | 1,723 | 22.29 | 16,287 |
| Utah Governors and Legislators Retirement Plan |  | \$ | 9,561 | - | - | - | —\% | \$ 1,481 |
|  | 1998 |  | 10,531 | - | - | - | - | 973 |
|  | 1999 |  | 10,976 | - | - | - | - | 1,757 |
|  | 2000 |  | 12,159 11,724 | 二 | - | - | 二 | 218 |
|  | 2002 |  | 10,448 | - | - | - | - | (806) |
|  | 2003 |  | 8,932 | - | - | - | - | 2,202 |
|  | 2004 |  | 10,390 | - | - | - | - | 1,381 |
|  | 2005 |  | 11,066 | - | - | - | - | 997 |
|  | 2006 |  | 11,319 | - | - | - | - | 1,589 |


| Transfers from Systems | Total Additions | Benefit Payments | Refunds | Administrative \& Actuarial Expense | Transfers to Systems | Total Deductions | Changes in Net Assets | Ending <br> Net Assets |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50,333 | 1,399,778 | 186,262 | 4,995 | 6,323 | 304 | 197,884 | 1,201,894 | 7,712,364 |
| 27,219 | 1,087,951 | 213,752 | 4,500 | 6,460 | 3,502 | 228,214 | 859,737 | 8,572,101 |
| 28,034 | 1,798,968 | 243,829 | 4,343 | 7,093 | 4,703 | 259,968 | 1,539,000 | 10,111,101 |
| 51,020 | 601,664 | 276,878 | 5,292 | 6,850 | - | 289,020 | 312,644 | 10,423,745 |
| 5,255 | $(196,673)$ | 311,311 | 3,264 | 6,695 | - | 321,270 | $(517,943)$ | 9,905,802 |
| 12,166 | $(472,988)$ | 348,230 | 3,715 | 7,103 | - | 359,048 | $(832,036)$ | 9,073,766 |
| 10,583 | 2,641,605 | 386,791 | 3,310 | 8,124 | 37,006 | 435,231 | 2,206,374 | 11,280,140 |
| 10,583 | 1,941,674 | 424,897 | 3,029 | 7,758 | - | 435,684 | 1,505,990 | 12,786,130 |
|  | 1,611,707 | 469,695 | 3,189 | 7,557 | 24,957 | 505,398 | 1,106,309 | 13,892,439 |
| 112 | 2,469,917 | 533,248 | 2,763 | 7,862 | - | 543,873 | 1,926,044 | 15,818,483 |
| - | 152,474 | 63,884 | 4,735 | 794 | 51,957 | 121,370 | 31,104 | 943,494 |
| 1,735 | 105,555 | 62,249 | 4,168 | 743 | 27,742 | 94,902 | 10,653 | 954,147 |
| 1,770 | 169,929 | 61,141 | 4,232 | 789 | 27,399 | 93,561 | 76,368 | 1,030,515 |
| - | 36,491 | 60,317 | 5,040 | 680 | 54,549 | 120,586 | $(84,095)$ | 946,420 |
| - | $(30,677)$ | 59,575 | 3,087 | 654 | 8,445 | 71,761 | $(102,438)$ | 843,982 |
| - | $(48,593)$ | 59,497 | 3,716 | 624 | 15,420 | 79,257 | $(127,850)$ | 716,132 |
| 33,263 | 235,572 | 57,863 | 3,358 | 675 | 15,787 | 61,896 | 173,676 | 889,808 |
|  | 135,927 | 56,992 | 2,945 | 618 | 15,787 | 76,342 | 59,585 | 949,393 |
| 19,565 | 128,610 | 57,100 | 1,800 | 578 | , | 59,478 | 69,132 | 1,018,525 |
| - | 164,283 | 58,546 | 1,789 | 576 | 6,481 | 67,392 | 96,891 | 1,115,416 |
| 918 | 171,970 | 30,972 | 611 | 792 | - | 32,375 | 139,595 | 970,857 |
| 1,938 | 138,784 | 34,374 | 639 | 803 | 44 | 35,860 | 102,924 | 1,073,781 |
| 2,305 | 228,342 | 38,549 | 731 | 916 | 7 | 40,203 | 188,139 | 1,261,920 |
| 2,027 | 78,738 | 42,769 | 971 | 840 | - | 44,580 | 34,158 | 1,296,078 |
| 1,416 | $(16,183)$ | 48,607 | 542 | 843 | - | 49,992 | $(66,175)$ | 1,229,903 |
| 1,956 | $(49,338)$ | 53,962 | 1,155 | 899 | - | 56,016 | $(105,354)$ | 1,124,549 |
| 2,002 | 341,231 | 59,941 | 666 | 1,006 | - | 61,613 | 279,618 | 1,404,167 |
| 4,002 | 258,143 | 66,329 | 960 | 978 | - | 68,267 | 189,876 | 1,594,043 |
| 4,257 | 218,460 | 74,041 | 1,026 | 985 | - | 76,052 | 142,408 | 1,736,451 |
| 3,284 | 329,130 | 82,499 | 562 | 1,028 | - | 84,089 | 245,041 | 1,981,492 |
| 311 | 73,598 | 14,321 | 298 | 331 | 19 | 14,969 | 58,629 | 421,184 |
| 432 | 55,839 | 15,741 | 274 | 325 | 493 | 16,833 | 39,006 | 460,190 |
| 466 | 90,797 | 16,955 | 292 | 361 | 596 | 18,204 | 72,593 | 532,783 |
| 1,303 | 27,408 | 18,738 | 312 | 319 | - | 19,369 | 8,039 | 540,822 |
| 1,517 | $(10,618)$ | 20,778 | 543 | 318 | - | 21,639 | $(32,257)$ | 508,565 |
| 735 | $(24,209)$ | 22,288 | 422 | 323 | - | 23,033 | $(47,242)$ | 461,323 |
| 625 | 133,131 | 23,520 | 414 | 360 | - | 24,294 | 108,837 | 570,160 |
| 980 | 93,533 | 25,263 | 106 | 345 | - | 25,714 | 67,819 | 637,979 |
| 601 | 75,755 | 27,269 | 72 | 331 | - | 27,672 | 48,083 | 686,062 |
| 1,825 | 117,670 | 29,497 | 114 | 345 | - | 29,956 | 87,714 | 773,776 |
| 754 | 13,375 | 2,690 | 8 | 55 | 80 | 2,833 | 10,542 | 66,299 |
| 427 | 10,406 | 3,002 | - | 53 | - | 3,055 | 7,351 | 73,650 |
| 116 | 15,490 | 3,160 | - | 59 | - | 3,219 | 12,271 | 85,921 |
| 183 | 5,184 | 3,322 | - | 52 | - | 3,374 | 1,810 | 87,731 |
| 239 | $(1,260)$ | 3,659 | - | 52 | - | 3,711 | $(4,971)$ | 82,760 |
| 560 | $(3,146)$ | 3,804 | - | 57 | - | 3,861 | $(7,007)$ | 75,753 |
| 1,128 | 23,138 | 4,361 | - | 63 | - | 4,424 | 18,714 | 94,467 |
| 204 | 15,595 | 4,518 | - | 61 | - | 4,579 | 11,016 | 105,483 |
| 518 | 12,685 | 4,755 | - | 60 | - | 4,815 | 7,870 | 113,353 |
| 1,242 | 20,257 | 5,251 | - | 60 | - | 5,311 | 14,946 | 128,299 |
| 15 | 1,496 | 519 | 1 | 6 | - | 526 | 970 | 10,531 |
| 16 | 989 | 538 | - | 6 | - | 544 | 445 | 10,976 |
| 17 | 1,774 | 583 | 2 | 6 | - | 591 | 1,183 | 12,159 |
| 16 | 234 | 662 | 1 | 6 | - | 669 | (435) | 11,724 |
| 18 | (577) | 691 | 2 | 6 | - | 699 | $(1,276)$ | 10,448 |
| 3 | (803) | 708 | - | 5 | - | 713 | $(1,516)$ | 8,932 |
| - | 2,202 | 726 | - | 6 | 12 | 744 | 1,458 | 10,390 |
| 18 | 1,399 | 712 | 5 | 6 | - | 723 | 676 | 11,066 |
| 16 | 1,013 | 755 | - | 5 | - | 760 | 253 | 11,319 |
| 18 | 1,607 | 758 | - | 5 | - | 763 | 844 | 12,163 |

## Schedules of Changes in Fund Balance Defined Contribution Plans

Year Ended December 31
(in thousands)

| System | Year | Beginning Net Assets | Contributions | Net Investment Income / (Loss) | Total Additions |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 401(k) Plan | 1997 | \$ 615,343 | 98,509 | 118,234 | 216,743 |
|  | 1998 | 802,991 | 113,422 | 131,470 | 244,892 |
|  | 1999 | 1,011,435 | 124,948 | 170,375 | 295,323 |
|  | 2000 | 1,259,441 | 137,563 | $(55,001)$ | 82,562 |
|  | 2001 | 1,276,732 | 145,557 | $(34,051)$ | 111,506 |
|  | 2002 | 1,330,045 | 160,267 | $(109,790)$ | 50,477 |
|  | 2003 | 1,312,764 | 161,212 | 249,313 | 410,525 |
|  | 2004 | 1,653,375 | 170,958 | 152,410 | 323,368 |
|  | 2005 | 1,890,555 | 182,744 | 142,760 | 325,504 |
|  | 2006 | 2,104,462 | 193,515 | 226,668 | 420,183 |
| 457 Plan | 1997 | \$ 171,502 | 7,002 | 28,494 | 35,496 |
|  | 1998 | 194,542 | 5,824 | 28,186 | 34,010 |
|  | 1999 | 211,287 | 6,856 | 31,340 | 38,196 |
|  | 2000 | 234,988 | 5,983 | $(9,061)$ | $(3,078)$ |
|  | 2001 | 215,605 | 5,935 | $(5,395)$ | 540 |
|  | 2002 | 199,518 | 10,353 | $(13,325)$ | $(2,972)$ |
|  | 2003 | 171,561 | 13,812 | 29,193 | 43,005 |
|  | 2004 | 196,219 | 17,368 | 17,118 | 34,486 |
|  | 2005 | 213,271 | 22,033 | 14,891 | 36,924 |
|  | 2006 | 230,031 | 23,282 | 24,210 | 47,492 |
| Roth IRA Plan* | 2005 | \$ - | 1,007 | 53 | 1,060 |
|  | 2006 | 1,027 | 2,351 | 282 | 2,633 |
| Traditional IRA | 2005 | \$ - | 6,527 | 353 | 6,880 |
| Plan* | 2006 | 6,556 | 6,069 | 1,061 | 7,130 |
| HRA Plan* | 2006 | \$ | 161 | 2 | 163 |
| All Defined Contribution Plans | 1997 | \$ 786,845 | 105,511 | 146,728 | 252,239 |
|  | 1998 | 997,533 | 119,246 | 159,656 | 278,902 |
|  | 1999 | 1,222,722 | 131,804 | 201,715 | 333,519 |
|  | 2000 | 1,494,429 | 143,546 | $(64,062)$ | 79,484 |
|  | 2001 | 1,492,337 | 151,492 | $(39,446)$ | 112,046 |
|  | 2002 | 1,529,563 | 170,620 | $(123,115)$ | 47,505 |
|  | 2003 | 1,484,325 | 175,024 | 278,506 | 453,530 |
|  | 2004 | 1,849,584 | 188,326 | 169,528 | 357,854 |
|  | 2005 | 2,103,826 | 212,311 | 158,057 | 370,368 |
|  | 2006 | 2,342,076 | 225,378 | 252,223 | 477,601 |

*This plan has existed for less than 10 years.

| Refunds | Administrative Expenses | $\begin{array}{r} \text { Net Transfers } \\ \text { Between } \\ \text { Affiliated Funds } \end{array}$ | $\begin{array}{r} \text { Total } \\ \text { Deductions } \end{array}$ | Changes in Net Assets | $\begin{array}{r} \text { Ending } \\ \text { Net Assets } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27,678 | 1,446 | (29) | 29,095 | 187,648 | 802,991 |
| 34,383 | 2,079 | (14) | 36,448 | 208,444 | 1,011,435 |
| 44,682 | 2,632 | 3 | 47,317 | 248,006 | 1,259,441 |
| 61,898 | 3,373 | - | 65,271 | 17,291 | 1,276,732 |
| 54,819 | 3,374 | - | 58,193 | 53,313 | 1,330,045 |
| 63,908 | 3,850 | - | 67,758 | $(17,281)$ | 1,312,764 |
| 65,785 | 4,129 | - | 69,914 | 340,611 | 1,653,375 |
| 81,611 | 4,577 | - | 86,188 | 237,180 | 1,890,555 |
| 106,678 | 4,919 | - | 111,597 | 213,907 | 2,104,462 |
| 130,718 | 5,371 | - | 136,089 | 284,094 | 2,388,556 |
| 12,101 | 355 | - | 12,456 | 23,040 | 194,542 |
| 16,819 | 446 | - | 17,265 | 16,745 | 211,287 |
| 13,989 | 506 | - | 14,495 | 23,701 | 234,988 |
| 15,747 | 558 | - | 16,305 | $(19,383)$ | 215,605 |
| 16,129 | 498 | - | 16,627 | $(16,087)$ | 199,518 |
| 24,498 | 487 | - | 24,985 | $(27,957)$ | 171,561 |
| 17,877 | 470 | - | 18,347 | 24,658 | 196,219 |
| 16,937 | 497 | - | 17,434 | 17,052 | 213,271 |
| 19,633 | 531 | - | 20,164 | 16,760 | 230,031 |
| 18,138 | 570 | - | 18,708 | 28,784 | 258,815 |
| 33 | - | - | 33 | 1,027 | 1,027 |
| 67 | 6 | - | 73 | 2,560 | 3,587 |
| 315 | 9 | - | 324 | 6,556 | 6,556 |
| 1,232 | 26 | - | 1,258 | 5,872 | 12,428 |
| 34 | - | - | 34 | 129 | 129 |
| 39,779 | 1,801 | (29) | 41,551 | 210,688 | 997,533 |
| 51,202 | 2,525 | (14) | 53,713 | 225,189 | 1,222,722 |
| 58,671 | 3,138 | 3 | 61,812 | 271,707 | 1,494,429 |
| 77,645 | 3,931 | - | 81,576 | $(2,092)$ | 1,492,337 |
| 70,948 | 3,872 | - | 74,820 | 37,226 | 1,529,563 |
| 88,406 | 4,337 | - | 92,743 | $(45,238)$ | 1,484,325 |
| 83,662 | 4,599 | - | 88,261 | 365,269 | 1,849,594 |
| 98,548 | 5,074 | - | 103,622 | 254,232 | 2,103,826 |
| 126,659 | 5,459 | - | 132,118 | 238,250 | 2,342,076 |
| 150,189 | 5,973 | - | 156,162 | 321,439 | 2,663,515 |

## Schedules of Benefit Deductions by Type

Year Ended December 31
(inthousands

| System | Year | Service and Disability Benefits | $\begin{aligned} & \text { Cost of } \\ & \text { Living } \\ & \text { Lenefits } \end{aligned}$ | $\underset{\substack{\text { Supplemental } \\ \text { Benefits }}}{\text { Stan }}$ | $\begin{array}{r} \text { Total } \\ \text { Benefits } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory <br> Retirement <br> System | 1997 | \$159,169 | 27,093 | - | 186,262 |
|  | 1998 | 182,013 | 31,739 | - | 213,752 |
|  | 1999 | 207,798 | 36,031 | - | 243,829 |
|  | 2000 | 236,377 | 40,501 | - | 276,878 |
|  | 2001 | 265,102 | 46,209 | - | 311,311 |
|  | 2002 | 294,735 | 53,495 | - | 348,230 |
|  | 2003 | 327,972 | 58,819 | - | 386,791 |
|  | 2004 | 360,819 | 64,078 | - | 424,897 |
|  | 2005 | 397,759 | 71,936 | - | 469,695 |
|  | 2006 | 450,659 | 82,589 | - | 533,248 |
| Contributory Retirement System | 1997 | \$ 39,784 | 20,085 | 4,015 | 63,884 |
|  | 1998 | 38,276 | 20,419 | 3,554 | 62,249 |
|  | 1999 | 37,371 | 20,647 | 3,123 | 61,141 |
|  | 2000 | 36,662 | 20,929 | 2,726 | 60,317 |
|  | 2001 | 36,714 | 20,528 | 2,333 | 59,575 |
|  | 2002 | 37,256 | 20,292 | 1,949 | 59,497 |
|  | 2003 | 36,520 | 19,719 | 1,624 | 57,863 |
|  | 2004 | 36,620 | 19,041 | 1,331 | 56,992 |
|  | 2005 | 37,508 | 18,479 | 1,113 | 57,100 |
|  | 2006 | 39,635 | 18,002 | 909 | 58,546 |
| Public Safety Retirement System | 1997 | \$ 25,741 | 4,347 | 884 | 30,972 |
|  | 1998 | 28,600 | 4,923 | 851 | 34,374 |
|  | 1999 | 32,245 | 5,494 | 810 | 38,549 |
|  | 2000 | 35,900 | 6,105 | 764 | 42,769 |
|  | 2001 | 41,084 | 6,801 | 722 | 48,607 |
|  | 2002 | 45,588 | 7,689 | 685 | 53,962 |
|  | 2003 | 50,653 | 8,638 | 650 | 59,941 |
|  | 2004 | 56,047 | 9,670 | 612 | 66,329 |
|  | 2005 | 62,608 | 10,859 | 574 | 74,041 |
|  | 2006 | 69,721 | 12,237 | 541 | 82,499 |
| Firefighters Retirement | 1997 | \$ 10,836 | 2,510 | 975 | 14,321 |
|  | 1998 | 11,987 | 2,821 | 933 | 15,741 |
|  | 1999 | 12,950 | 3,116 | 889 | 16,955 |
|  | 2000 | 14,496 | 3,403 | 839 | 18,738 |
|  | 2001 | 16,207 | 3,775 | 796 | 20,778 |
|  | 2002 | 17,314 | 4,223 | 751 | 22,288 |
|  | 2003 | 18,270 | 4,552 | 698 | 23,520 |
|  | 2004 | 19,757 | 4,851 | 655 | 25,263 |
|  | 2005 | 21,405 | 5,252 | 612 | 27,269 |
|  | 2006 | 23,122 | 5,806 | 569 | 29,497 |
| Judges <br> Retirement System | 1997 | \$ 2,216 | 474 | - | 2,690 |
|  | 1998 | 2,464 | 538 | - | 3,002 |
|  | 1999 | 2,590 | 570 | - | 3,160 |
|  | 2000 | 2,704 | 618 | - | 3,322 |
|  | 2001 | 2,965 | 694 | - | 3,659 |
|  | 2002 | 3,009 | 795 | - | 3,804 |
|  | 2003 | 3,508 | 853 | - | 4,361 |
|  | 2004 | 3,624 | 894 | - | 4,518 |
|  | 2005 | 3,784 | 971 | - | 4,755 |
|  | 2006 | 4,167 | 1,084 | - | 5,251 |
| Utah Governors and Legislators Retirement Plan | 1997 | \$ 399 | 120 | - | 519 |
|  | 1998 | 411 | 127 | - | 538 |
|  | 1999 | 450 | 133 | - | 583 |
|  | 2000 | 520 | 142 | - | 662 |
|  | 2001 | 547 | 144 | - | 691 |
|  | 2002 | 556 | 152 | - | 708 |
|  | 2003 | 572 | 154 | - | 726 |
|  | 2004 | 559 | 153 | - | 712 |
|  | 2005 | 595 | 160 | - | 755 |
|  | 2006 | 594 | 164 | - | 758 |

Schedules of Retired Members by Type of Benefit Option
December 31, 2006

| System | Amount of Monthly Benefit | 1 | 2 | 3 | 4 | 5 | Number of Retirees by Benefit Option |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | 6 | 7 | 8 | 9 |
| Noncontributory | \$1-1,000 | 5,603 | 753 | 1,459 | 225 | 1,964 | 708 | - | - | - |
| Retirement | 1,001-2,000 | 2,660 | 488 | 1,264 | 208 | 1,579 | 675 | - | - | - |
| System | 2,001-3,000 | 2,092 | 417 | 1,652 | 268 | 1,913 | 722 | - | - | - |
|  | 3,001-4,000 | 783 | 149 | 755 | 164 | 569 | 230 | - | - | - |
|  | 4,001-5,000 | 155 | 31 | 198 | 56 | 125 | 67 | - | - | - |
|  | over-5,000 | 59 | 8 | 88 | 20 | 32 | 15 | - | - | - |
| Contributory | \$1-1,000 | 2,109 | 1,025 | 364 | 83 | 369 | 157 | - | - | - |
| Retirement | 1,001-2,000 | 577 | 229 | 217 | 67 | 188 | 83 | - | - | - |
| System | 2,001-3,000 | 116 | 43 | 68 | 15 | 51 | 19 | - | - | - |
|  | 3,001-4,000 | 24 | 13 | 7 | 1 | 6 | 9 | - | - | - |
|  | 4,001-5,000 | 1 | 2 | 5 | - | - | - | - | - | - |
|  | over-5,000 | - | 2 | 1 | - | - | 1 | - | - | - |
| Public Safety | \$1-1,000 | - | - | - | - | - | - | - | 479 | - |
| Retirement | 1,001-2,000 | - | - | - | - | - | - | - | 1,143 | - |
| System | 2,001-3,000 | - | - | - | - | - | - | - | 1,214 | - |
|  | 3,001-4,000 | - | - | - | - | - | - | - | 458 | - |
|  | 4,001-5,000 | - | - | - | - | - | - | - | 126 | - |
|  | over-5,000 | - | - | - | - | - | - | - | 29 | - |
| Firefighters | \$1-1,000 | - | - | - | - | - | - | - | 50 | - |
| Retirement | 1,001-2,000 | - | - | - | - | - | - | - | 208 | - |
| System | 2,001-3,000 | - | - | - | - | - | - | - | 424 | - |
|  | 3,001-4,000 | - | - | - | - | - | - | - | 262 | - |
|  | 4,001-5,000 | - | - | - | - | - | - | - | 59 | - |
|  | over-5,000 | - | - | - | - | - | - | - | 10 | - |
| Judges | \$1-1,000 | - | - | - | - | - | - | 2 | - | - |
| Retirement | 1,001-2,000 | - | - | - | - | - | - | 2 | - | - |
| System | 2,001-3,000 | - | - | - | - | - | - | 5 | - | 2 |
|  | 3,001-4,000 | - | - | - | - | - | - | 2 | - | - |
|  | 4,001-5,000 | - | - | - | - | - | - | 2 | - | 2 |
|  | over-5,000 | - | - | - | - | - | - | 38 | - | 34 |
| Utah Governors | \$1-1,000 | - | - | - | 218 | - | - | - | - | - |
| and Legislators | 1,001-2,000 | - | - | - | 1 | - | - | - | - | - |
| Retirement Plan* | 2,001-3,000 | - | - | - | 3 | - | - | - | - | - |
|  | 3,001-4,000 | - | - | - | - | - | - | - | - | - |
|  | 4,001-5,000 | - | - | - | - | - | - | - | - | - |
|  | over-5,000 | - | - | - | - | - | - | - | - | - |

1-A maximum monthly benefit for the retiree's life. No benefit to a beneficiary.
2-A reduced lifetime benefit to the retiree. A beneficiary receives the balance in retiree's account after the monthly annuity payments are deducted.
3-A reduced lifetime benefit to a retiree and a lifetime benefit equal to the retiree's benefit payable to the retiree's lawful spouse at the time of retirement.
4-A reduced lifetime benefit to the retiree and a lifetime benefit equal to half of the retiree's benefit to the retiree's lawful spouse at the time of retirement.

5-Approximately $95 \%$ of the benefit in type 3 and the same lifetime benefit for retiree's lawful spouse at the time of retirement. Benefit reverts to $100 \%$ at time of spouse's death.
6-Approximately $98 \%$ of the benefit in type 4 and a lifetime benefit for equal to half of the retiree's for retiree's lawful spouse at the time of the retirement. Benefit reverts to $100 \%$ at time of spouse's death.

7- Normal retirement for age and service and a lifetime benefit of $65 \%$ of the retiree's benefit to the retiree's lawful spouse at the time of the retiree's death.

8- Normal retirement for age and service and a lifetime benefit of $75 \%$ of the retiree's benefit to the retiree's lawful spouse at the time of the retiree's death.
9- Normal retirement for age and service and a lifetime benefit of $75 \%$ of the retiree's benefit to the retiree's lawful spouse at the time of the retirement.

* Utah Governors and Legislators Retirement Plan provides a normal lifetime pension to the retiree and $50 \%$ of the retiree's benefit to the retiree's lawful spouse at the time of death if the retiree had four or more years of service.


## Schedules of Average Benefit Payments

December 31


## Schedules of Average Benefit Payments

(Continued)
December 31


## Schedules of Active Members by Age and Gender

Year Ended December 31, 2006

| System | Ages | Male | Female | Total | System | Ages | Male | male Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Noncontributory Retirement System | ry Under 20 | 155 | 1,567 | 1,722 | Firefighters | Under 20 | 1 | 1 | 2 |
|  | 20 to 29 | 4,068 | 8,361 | 12,429 | Retirement | 20 to 29 | 260 | 15 | 275 |
|  | 30 to 39 | 7,161 | 9,987 | 17,148 | System | 30 to 39 | 657 | 25 | 682 |
|  | 40 to 49 | 8,096 | 14,346 | 22,442 |  | 40 to 49 | 413 | 14 | 427 |
|  | 50 to 54 | 4,399 | 9,319 | 13,718 |  | 50 to 54 | 171 | 4 | 175 |
|  | 55 to 59 | 3,899 | 8,040 | 11,939 |  | 55 to 59 | 94 | 1 | 95 |
|  | 60 to 69 | 2,694 | 4,659 | 7,353 |  | 60 to 69 | 28 | - | 28 |
|  | 70 and Older | 252 | 216 | 468 |  | 70 and Older | - | - | - |
|  | Total | 30,724 | 56,495 | 87,219 |  | Total | 1,624 | 60 | 1,684 |
| Contributory Retirement System | Under 20 | 3 | 13 | 16 | Judges | Under 20 | - | - | - |
|  | 20 to 29 | 55 | 63 | 118 | Retirement | 20 to 29 | - | - | - |
|  | 30 to 39 | 96 | 75 | 171 | System | 30 to 39 | 1 | - | 1 |
|  | 40 to 49 | 432 | 436 | 868 |  | 40 to 49 | 11 | 6 | 17 |
|  | 50 to 54 | 354 | 387 | 741 |  | 50 to 54 | 22 | 4 | 26 |
|  | 55 to 59 | 294 | 373 | 667 |  | 55 to 59 | 27 | 5 | 32 |
|  | 60 to 69 | 170 | 233 | 403 |  | 60 to 69 | 24 | 6 | 30 |
|  | 70 and Older | 10 | 16 | 26 |  | 70 and Older | - | - | - |
|  | Total | 1,414 | 1,596 | 3,010 |  | Total | 85 | 21 | 106 |
| Public Safety Retirement System | Under 20 | - | 1 | 1 | Governors | Under 20 | - | - | - |
|  | 20 to 29 | 1,342 | 159 | 1,501 | and Legislators | s 20 to 29 | - | - | - |
|  | 30 to 39 | 2,652 | 357 | 3,009 | Retirement | 30 to 39 | 9 | 3 | 12 |
|  | 40 to 49 | 1,565 | 276 | 1,841 | Plan | 40 to 49 | 17 | 3 | 20 |
|  | 50 to 54 | 486 | 90 | 576 |  | 50 to 54 | 17 | 5 | 22 |
|  | 55 to 59 | 333 | 47 | 380 |  | 55 to 59 | 15 | 5 | 20 |
|  | 60 to 69 | 131 | 27 | 158 |  | 60 to 69 | 13 | 6 | 19 |
|  | 70 and Older | 8 | - | 8 |  | 70 and Older | 3 | - | 3 |
|  | Total | 6,517 | 957 | 7,474 |  | Total | 74 | 22 | 96 |

## Schedules of Retirees by Age and Gender

Year Ended December 31, 2006

| System | Ages | Male | Femal | To |
| :---: | :---: | :---: | :---: | :---: |
| Noncontributory Retirement System | Under 55 | 335 | 475 | 810 |
|  | 55 to 59 | 1,023 | 909 | 1,932 |
|  | 60 to 64 | 2,008 | 2,583 | 4,591 |
|  | 65 to 69 | 2,846 | 4,202 | 7,048 |
|  | 70 to 74 | 2,633 | 3,640 | 6,273 |
|  | 75 to 79 | 1,960 | 2,638 | 4,598 |
|  | 80 to 84 | 1,025 | 1,381 | 2,406 |
|  | 85 to 89 | 173 | 284 | 457 |
|  | 90 to 94 | 13 | 23 | 36 |
|  | 95 to 100 | 1 | 2 | 3 |
|  | Over 100 | - | - | - |
|  | Total | 12,017 | 16,137 | 28,154 |
| Contributory Retirement System | Under 55 | 33 | 49 | 82 |
|  | 55 to 59 | 48 | 50 | 98 |
|  | 60 to 64 | 119 | 190 | 309 |
|  | 65 to 69 | 156 | 315 | 471 |
|  | 70 to 74 | 123 | 267 | 390 |
|  | 75 to 79 | 206 | 420 | 626 |
|  | 80 to 84 | 422 | 845 | 1,267 |
|  | 85 to 89 | 510 | 1,133 | 1,643 |
|  | 90 to 94 | 197 | 594 | 791 |
|  | 95 to 100 | 40 | 130 | 170 |
|  | Over 100 | - | 5 | 5 |
|  | Total | 1,854 | 3,998 | 5,852 |
| Public Safety Retirement System | Under 55 | 649 | 190 | 839 |
|  | 55 to 59 | 546 | 106 | 652 |
|  | 60 to 64 | 529 | 103 | 632 |
|  | 65 to 69 | 366 | 97 | 463 |
|  | 70 to 74 | 289 | 82 | 371 |
|  | 75 to 79 | 154 | 97 | 463 |
|  | 80 to 84 | 81 | 59 | 140 |
|  | 85 to 89 | 38 | 35 | 73 |
|  | 90 to 94 | 7 | 15 | 22 |
|  | 95 to 100 | 1 | 5 | 6 |
|  | Over 100 | - | - | - |
|  | Total | 2,660 | 789 | 3,449 |



## Schedules of Principal Participating Employers

Year Ended December 31, 2006

| Rank | Employer | Active <br> Members | Percent of <br> Total Active <br> Members |
| ---: | :--- | ---: | :---: |
| Noncontributory Retirement System |  |  |  |
| 1 | State of Utah | 16,664 | $19.11 \%$ |
| 2 | Jordan School District | 5,448 | 6.25 |
| 3 | Granite School District | 5,363 | 6.15 |
| 4 | Davis School District | 5,187 | 5.95 |
| 5 | Alpine School District | 4,697 | 5.39 |
| 6 | University of Utah | 4,480 | 5.14 |
| 7 | Salt Lake County | 2,909 | 3.34 |
| 8 | Salt Lake School District | 2,689 | 3.08 |
| 9 | Weber School District | 2,670 | 3.06 |
| 10 | Nebo School District | 2,917 | 2.52 |
|  | Other | 34,917 | 40.03 |
| Total | 87,219 | $100.00 \%$ |  |


| Contributory Retirement System |  |  |
| ---: | ---: | :---: |
| 1 State of Utah | 508 | $16.88 \%$ |
| 2 | University of Utah | 216 |
| 3 Uintah County | 214 | 7.18 |
| 4 | South Jordan City | 185 |
| 5 | Granite School District | 162 |
| 6 | 5.15 |  |
| 6 | Salt Lake City Corp. | 156 |
| 7 | Salt Lake County | 5.18 |
| 8 | Jordan School District | 107 |
| 9 | 86 | 3.55 |
| Salt Lake School District | 83 | 2.86 |
| 10 | Duchesne County | 79 |
|  | Other | 1,214 |
|  | 40.33 |  |
| Total | 3,010 | $100.00 \%$ |


| Rank | Employer | $\begin{array}{r} \text { Active } \\ \text { Members } \end{array}$ | Percent of Total Active Members |
| :---: | :---: | :---: | :---: |
| Public Safety Retirement System |  |  |  |
| 1 | State of Utah | 2,468 | 33.02\% |
| 2 | Salt Lake County | 763 | 10.21 |
| 3 | Salt Lake City Corp. | 448 | 5.99 |
| 4 | Weber County Corp. | 291 | 3.89 |
| 5 | Utah County | 223 | 2.98 |
| 6 | Davis County | 199 | 2.66 |
| 7 | West Valley City | 159 | 2.13 |
| 8 | Ogden City Corp. | 114 | 1.51 |
| 9 | Sandy City | 109 | 1.46 |
| 10 | Washington County | 107 | 1.43 |
|  | Other | 2,594 | 34.71 |
|  | Total | 7,474 | 100.00\% |
| Firefighters Retirement System |  |  |  |
| 1 | Salt Lake City Corp. | 330 | 19.60\% |
| 2 | Unified Fire Authority | 229 | 17.76 |
| 3 | Ogden City Corp. | 106 | 6.29 |
| 4 | West Valley City | 88 | 5.23 |
| 5 | Provo City Corp | 77 | 4.57 |
| 6 | Park City Fire Service | 75 | 4.45 |
| 7 | City of West Jordan | 73 | 4.33 |
| 8 | Sandy City | 72 | 4.28 |
| 9 | Orem City | 54 | 3.21 |
| 10 | Murray City | 51 | 3.03 |
|  | Other | 459 | 27.26 |
|  | Total | 1,684 | 100.00\% |
| Judges Retirement System |  |  |  |
|  | State of Utah | 106 | 100.00\% |
| Utah Governors and Legislators Retirement Plan |  |  |  |
|  | State of Utah | 105 | 100.00\% |

## Schedule of Utah Retirement Office Employees

Year Ended December 31, 2006

|  | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Number of Employees | 119 | 129 | 134 | 135 | 142 | 148 | 156 | 160 | 156 | 154 |

## Schedule of Participating Employers

$$
\begin{aligned}
& \mathrm{N}=\text { Public Employees Retirement System — Noncontributory } \\
& \mathrm{C}=\text { Public Employees Retirement System — Contributory } \\
& \text { PS }=\text { Public Safety Retirement System } \\
& \text { F }=\text { Firefighters Retirement System } \\
& \text { D }=457 \text { Plan } \\
& \text { K }=401(\mathrm{k}) \text { Plan }
\end{aligned}
$$

Employer
N C PS F D K

## School Districts and Education Employers

| Academy for Math, Engineering and Science | N |  |  |  | K |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Alpine School District | N | C |  | D | K |
| American Leadership Academy | N |  |  |  | K |
| Beaver School District | N |  |  |  | K |
| Box Elder School District | N | C |  | D | K |
| Cache School District | N | C |  | D | K |
| Carbon School District | N | C |  | D | K |
| College of Eastern Utah | N | C |  | D | K |
| Daggett School District | N | C |  | D | K |
| Davis School District | N | C |  | D | K |
| Davis Applied Technology College | N |  |  |  | K |
| Dixie College | N | C | PS |  | K |
| Duchesne School District | N | C |  | D | K |
| East Hollywood High School | N |  |  |  | K |
| Emery School District | N | C |  | D | K |
| Garfield School District. | N | C |  |  | K |
| Grand School District | N | C |  |  | K |
| Granite School District | N | C |  | D | K |
| Intech Collegiate High School | N |  |  |  | K |
| Iron School District. | N | C |  | D | K |
| Jordan School District | N | C |  | D | K |
| Juab School District. | N | C |  | D | K |
| Kane School District | N | C |  | D | K |
| Logan School District | N | C |  | D | K |
| Millard School District | N | C |  |  | K |
| Morgan School District | N |  |  | D | K |
| Murray School District | N | C |  | D | K |
| Nebo School District | N | C |  | D | K |
| Noah Webster Academy Inc | N |  |  |  | K |
| North Sanpete School District | N | C |  | D | K |
| North Summit School District | N | C |  | D | K |
| Ogden School District | N | C |  | D | K |
| Park City School District | N | C |  | D | K |
| Piute School District. | N | C |  |  | K |
| Provo School District | N | C |  | D | K |
| Rich School District | N | C |  |  | K |
| Salt Lake Arts Academy | N |  |  |  |  |
| Salt Lake Community College | N | C |  | D | K |
| Salt Lake School District. | N | C |  | D | K |
| San Juan School District | N | C |  | D | K |
| Sevier School District. | N | C |  | D | K |
| Snow College. | N | C |  | D | K |
| South Sanpete School District | N | C |  | D | K |
| South Summit School District. | N |  |  |  | K |
| Southern Utah University. | N | C | PS |  | K |
| Thomas Edison Charter School | N |  |  |  | K |
| Tintic School District | N | C |  |  | K |
| Tooele School District | N | C |  | D | K |
| Uintah School District | N | C |  |  |  |



| Employer | N | C | PS | F | D |
| :--- | :--- | :--- | :--- | :--- | :--- |

Employer

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |

Employer

## Other Government Entities

| Ash Creek Special Service District |  |  |  | D | K |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ashley Valley Sewer Management Board.... | N |  |  |  |  |
| Ashley Valley Water \& Sewer. | N |  |  |  |  |
| Bear Lake Special Service District | N |  |  |  | K |
| Bear River Association of Governments. | N |  |  | D | K |
| Bear River Health District | N | C |  | D | K |
| Bear River Mental Health | N |  |  | D | K |
| Bear River Water Conservancy | N |  |  |  | K |
| Beaver County Special Service District | N |  |  |  | K |
| Beaver Valley Hospital. | N |  |  |  | K |
| Benchland Water Compnay | N |  |  |  | K |
| Bona Vista Water Improvement | N |  |  | D | K |
| Bountiful Water District | N |  |  | D | K |
| Box Elder County Mosquito District | N |  |  |  | K |
| Cache Metro Planning Organization | N |  |  |  |  |
| Castle Valley Special Service District | N | C |  |  | K |
| Cedar City Housing Authority | N |  |  |  |  |
| Cedar City Library | N | C |  |  | K |
| Central Davis Sewer | N |  |  | D | K |
| Central Utah Public Health | N |  |  |  | K |
| Central Utah Water District | N |  |  | D | K |
| Central Weber Sewer District | N | C |  | D | K |
| Children's Aid Society-Utah | N |  |  |  | K |
| Copperton Improvement District | N |  |  |  | K |
| Cottonwood Improvement District | N |  |  | D | K |
| Davis \& Weber County Canal |  | C |  |  | K |
| Davis Behavioral Health | N |  |  | D | K |
| Davis County Mosquito Abatement | N |  |  |  | K |
| Davis County Housing |  | C |  |  | K |
| Davis County Solid Waste Manageme | N |  |  | D | K |
| DDI Advantage |  | C |  |  | K |
| Duchesne County Mosquito District |  | C |  |  |  |
| Duchesne County Water Conservancy District. | N |  |  |  |  |
| East Duchesne Culinary |  |  |  |  |  |
| Water Imp District | N |  |  |  | K |
| Emery County Nursing Home |  | C |  | D | K |
| Emery County Recreation |  |  |  |  |  |
| Special Service District | N |  |  |  | K |
| Emery Water Conservancy District | N |  |  |  | K |
| Five-County Association of Governments | N | C |  | D | K |
| Four Corners Mental Health | N | C |  | D | K |
| Grand County Solid Waste Managemen | N |  |  |  | K |
| Grand County Water Conservancy District .. | N |  |  |  |  |
| Granger-Hunter Improvement District. | N |  |  | D | K |
| Gunnison Valley Hospital | N | C |  |  | K |
| Heber Light \& Power | N |  |  | D | K |
| Heber Valley Historic Railroad Authority | N |  |  |  | K |
| Heber Valley Special District | N |  |  |  |  |
| Hooper Water Improvement District | N |  |  |  |  |
| Housing Authority of Carbon | N |  |  |  | K |
| Housing Authority of Ogden City | N |  |  |  |  |
| Housing Authority of SLC | N | C |  |  | K |
| Housing Authority of SL County . | N |  |  |  |  |
| Jordan Valley Water Conservancy District .... | N | C |  | D | K |
| Jordanelle Special Service District | N |  |  |  | K |
| Kane Water Conservancy District | N |  |  |  |  |
| Kearns Improvement District | N | C |  |  | K |
| Leeds Area Special Service District |  |  | F |  |  |
| Maesar Water District | N |  |  |  | K |
| Magna Mosquito Abatement | N |  |  |  | K |
| Metro Water District-SLC | N |  |  | D | K |
| Midvalley Improvement District | N |  |  |  |  |
| Midway Sanitation District. | N |  |  |  | K |
| Moab Valley Fire District. | N |  | F |  | K |



| Employer |  | N | C | PS | F | D |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Employer

## Inactive Units with Retirees

American Fork Hospital
Bay Area Refuse Disposal
Bingham City
Box Elder County Nursing Home
Carbon County Hospital
Carbon Nursing Home
Coalville Health Center
Dixie Center at St. George
Dixie Hospital
Emery Medical Center
Four Corners Regional Hospital

## Genola Town

Grand Co. Road Special Service Dist.
Hiawatha Town
Honeyville Town
I. W. Allen Hospital

Juab County Hospital
Marysvale Town
Metro Water District - Provo
Midvale Wastewater Treatment
Morgan County Library
Mountain America Credit Union
Payson City Hospital

## Pioneer Care Center

Reg 2 Law Enforcement Plan Agency
Salt Lake County Fair
San Juan County Hospital
Six-County Economic Development
Snow College South
Sugarhouse Park Authority
Tooele Valley Hospital
Trail Incorporated
U of U Research Institute USU Community Credit Union
Uintah Basin Counsel Inc
Uintah Basin Medical Center
Uintah County Council on Aging
Uintah County Hospital
Utah Local Governments Trust
Utah Partnership for Education Economics
Wasatch County Hospital
Wasatch County Special Service Area I
Weber County Hospital
Weber Economic Development Corporation
West Millard Hospital

# Utah Retirement Systems A Highlight History 

1907 The Legislature authorizes the organization of local teacher retirement associations.

1908 Salt Lake City institutes the first teacher retirement commission. Ogden follows in 1933 and Provo in 1934.

1919 First statewide pension plan for all full-time paid and volunteer firemen. Actuarially unsound, the system would be transferred to the Retirement Office in 1965.

1921 First police pension plans in Salt Lake, Ogden, Provo and Logan. Actuarially unsound, these plans would be transferred to the Public Safety Retirement System in 1969.
1927 The Prison and Industrial School Guards Retirement System is enacted. Industrial school guards join the teachers retirement system in 1937. Prison guards transfer to the Public Safety Retirement System in 1970.

1934 The Utah Education Association prepares a teacher retirement plan to present to the Legislature. This plan will form much of the basis for a new retirement system.

1937 First statewide teachers retirement system. Seven member board hires Ray L. Lillywhite as the first executive secretary.
1943 Utah Supreme Court rules that a retiree's statutory retirement benefit cannot be reduced, affirming the principle of vested rights. The Court would later affirm that a vested retirement benefit may not be reduced without providing a "substantial substitute".

1947 The State Officers' and Employees' Retirement System is created with a $3 \%$ contribution rate each by employee and employer.
Teachers in local systems are required to join the State Teachers Retirement System.

1948 The Utah Supreme Court permits service credit for prior service in parochial schools.

1949 The State Officers and Employees Retirement System is renamed The Public Employees Retirement System; it will cover all public employees and judges. Retirement benefit ceiling is $\$ 100$ a month.

1952 Ray Lillywhite resigns; Leonard W. McDonald is hired as 2nd executive secretary of the Teachers Retirement System.

1953 The short-lived Teachers Retirement System is liquidated in favor of Social Security.

1954 The Teachers Retirement System is replaced by the Utah School Employees Retirement System and integrated with Social Security to preserve its solvency. Local teacher retirement associations are terminated.
1957 Minimum monthly retirement benefit is $\$ 85$.

1959 The Utah State Public Employees Association is formed with the intent to produce a comprehensive plan for a statewide public employee retirement system.

1961 The Public Employees Retirement System is created with a seven member board.

The public employees and teachers retirement systems retain separate boards but unite under a single administrator and office.

1963 Creation of a single board for all retirement systems is the crowning achievement in Utah public retirement history and the birth of today's Utah Retirement Systems.
1967 The heretofore separate school and public retirement systems are consolidated into a single Utah State Retirement System.

1969 The Utah Public Safety Retirement Act covers all public safety employees engaged full time in hazardous duty. Benefits would be uniform in each jurisdiction, but contribution rates would vary.

1971 Members gain a salary deferral program.

1975 Current service formula rises from $1.25 \%$ to $2 \%$. The cost-of-living ceiling rises to $4 \%$.

1976 Leonard W. McDonald retires. Bert D. Hunsaker becomes executive director.

1977 Governor Scott Matheson dedicates the new Leonard W. McDonald Building for the Utah Retirement Systems.

1979 Board gains custody of the retirement fund and greater investment authority.

1982 The court affirms that the Board is independent of the executive department and has authority to hire its own legal counsel.

## Utah Retirement Systems - A Highlight History

The Retirement Board sees its first actuarial surplus as new investments prove their worth; hires a full time investment manager.

The Public Employees Noncontributory Retirement System debuts: Employers pay all contributions; 3 -year final average salary; State and education employers pay $1.5 \%$ of salary into URS' 401(k) plan. Employees forfeit access to contributions, but the new system portends a superior career retirement.

25-and-out" retirement incentive plan permits public employees to retire after 25 years with no actuarial reduction, and increases to $2 \%$ the value of each year of service credit. Over 3000 employees take advantage of its 6-month window.

1989 The U.S. Supreme Court rules that if federal retirement benefits are taxable, then state-provided retirement benefits cannot be exempt. Legislature grants a $3 \%$ substantial substitute benefit for affected members.

Bert Hunsaker steps down. Dee Williams becomes executive director.

The Public Safety Noncontributory Retirement System is created.

The Systems' assets nearly quadruple from $\$ 1$ billion to $\$ 3.85$ billion during the 1980s.

1990 Public Employees Noncontributory Retirement members receive 2\% for all years of service.
1994 URS begins dividing pension, death, and DC benefits after court rules that a former spouse may be awarded death and retirement benefits, whether or not the spouse remarries.

Members with 25 years of service in the Public Employees Noncontributory System may buy future service credit to permit immediate retirement.

1996 URS recovers $100 \%$ of member assets originally invested in Guaranteed Investment Contracts which failed when Confederation Life Insurance Company of Canada was declared insolvent in August, 1994.
1997 Judges Noncontributory Retirement System is created.
The URS DC video receives a Telly Award - the commercial equivalent of an "Oscar" for motion pictures; URS' publication for retirees, Cycles, places 2nd worldwide among corporate and institutional newsletters.

Legislature affirms the Board's authority to define provisions and terms of the retirement code.
1998 The 401(k) plan launches a bold marketing program to help members better map a retirement investment strategy. Investment options are enhanced and expanded.
State employees at retirement may defer $25 \%$ of accumulated sick leave to the $401(\mathrm{k})$ plan, convert it to paid-up health or Medicare supplement insurance or take it as cash.

1999 Members may buy up to 5 years of future service credit, even if it exceeds the years required to retire.

Leonard W. McDonald, director of the Utah Retirement Systems 1952-1976 and to whom much of the structure of the Systems can be attributed, dies.
Dee Williams retires. Robert V. Newman becomes executive director.

Systems assets rise from \$3.85 billion to over $\$ 13$ billion during the 1990s.

2000 401(k) plan participants may now apply for a fixed rate loan for any purpose of up to $50 \%$ of his or her 401(k) account balance.

2001 A value stock fund joins the menu of $D C$ investment options.

URS web site calculators invite members to estimate pension benefits and compute potential 401(k)/457 earnings.
2002 The Olympic Winter Games are staged in Salt Lake City. URS adopts telecommuting.

457 plan permits deferrals up to $100 \%$ of includable compensation; offers a new catch-up feature; drops irrevocable withdrawal decisions; allows rollovers to any acceptant 457, 403(b), 401(k), or IRA; allows use for URS pension redeposits or to buy URS service credit.

Internet-based personal retirement account manager, myURS, allows members to view and transfer account balances, alter deferrals, estimate payouts, integrate Social Security benefits, and more.

2003 To protect $401(\mathrm{k})$ and 457 investors from the costs of others' adverse trading activities, URS restricts frequent trading privileges. Systems assets are $\$ 14.2$ billion.

2004 Ray L. Lillywhite, executive secretary of the Teachers Retirement System from 1937 to 1952, dies.
2005 Legislature repeals 1998 benefit allowing $25 \%$ of a state employee's accumulated sick leave to be converted to other retirement benefits.
2006 Members gain a partial lump-sum payment option (PLSO) at retirement.

## Systems and Plans Statistical Highlights

Year Ended December 31

| Utah Retirement Systems | Noncontributory |  | Contributory | Public Safety | Firefighters | Judges | Governors and Legislators | Averages And Totals All Systems |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Membership Information |  |  |  |  |  |  |  |  |
| Total Membership |  | 142,646 | 10,310 | 12,392 | 2,796 | 205 | 413 | 168,762 |
| Active |  | 87,219 | 3,010 | 7,474 | 1,684 | 106 | 96 | 99,589 |
| Terminated vested |  | 27,273 | 1,448 | 1,469 | 99 | 10 | 95 | 30,394 |
| Retired |  | 28,154 | 5,852 | 3,449 | 1,013 | 89 | 222 | 38,779 |
| 2006 Active Members |  | 87,219 | 3,010 | 7,474 | 1,684 | 106 | 96 | 99,589 |
| Average age |  | 44.9 | 51.2 | 38.7 | 39.5 | 56.0 | 52.1 | 44.5 |
| Average years of service |  | 10.1 | 19.7 | 8.8 | 10.5 | 11.1 | 5.8 | 10.3 |
| Average annual salary | \$ | 37,786 | 43,005 | 42,356 | 51,549 | 112,350 | 7,649 | 38,570 |
| 2006 Retirees |  |  |  |  |  |  |  |  |
| Number |  | 2,728 | 187 | 212 | 44 | 3 | 3 | 3,177 |
| Average age |  | 61.4 | 59.9 | 53.0 | 54.8 | 63.5 | 64.6 | 60.7 |
| Average years of service |  | 23.5 | 25.7 | 23.1 | 26.2 | 31.9 | 8.4 | 23.7 |
| Final average annual salary | \$ | 44,421 | 38,185 | 51,244 | 61,215 | 107,400 | 4,595 | 44,763 |
| Average annual benefit | \$ | 20,982 | 18,804 | 29,000 | 37,038 | 90,754 | 2,479 | 21,660 |
| Average annual benefit -all retirees | \$ | 18,387 | 9,503 | 22,977 | 26,430 | 57,325 | 2,983 | 17,666 |

## Financial Information

| (in thousands) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contributions | \$ | 463,067 | 20,271 | 75,033 | 17,279 | 2,728 |  | 578,378 |
| Investment income |  | 2,006,738 | 144,012 | 250,813 | 98,566 | 16,287 | 1,589 | 2,518,005 |
| Pension benefits |  | 536,011 | 60,335 | 83,061 | 29,611 | 5,251 | 758 | 715,027 |
| Net assets at market value |  | 15,818,483 | 1,115,416 | 1,981,492 | 773,776 | 128,299 | 12,163 | 19,829,629 |
| Actuarial Information <br> Funding Progress <br> (dollars in thousands) |  |  |  |  |  |  |  |  |
| Actuarial value of assets | \$14,438,278 |  | 1,013,102 | 1,809,198 | 705,051 | 116,879 | 10,983 | 18,093,491 |
| Actuarial accrued liability | \$14,980,827 |  | 1,060,414 | 1,964,009 | 655,264 | 114,018 | 8,922 | 18,783,454 |
| Unfunded actuarial accrued liability | \$ | 542,549 | 47,312 | 154,811 | $(49,787)$ | $(2,861)$ | $(2,061)$ | 689,963 |
| Funded ratios |  | 96.4\% | 95.5\% | 92.1\% | 107.6\% | 102.5\% | 123.1\% | 96.3\% |


| Defined Contribution Plans |  | 401(k) | 457 | Roth IRA | Traditional | Health <br> Reimbursement Arrangemen (HRA) (HRA) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Membership Information |  |  |  |  |  |  |  |
| Number of active employees eligible to participate |  | 95,329 | 82,603 | 99,589 | 99,589 | 183 |  |
| Employee contributions (excluding employer contributions): |  |  |  |  |  |  |  |
| Number of employees contributing |  | 44,765 | 6,729 | 427 | 22 | NA |  |
| Percent of eligible employees contributing |  | 47.0\% | 8.1\% | 0.4\% | 0.0\% | NA |  |
| Average percent of salary deferred by employees |  | 6.2\% | 7.8\% | 4.2\% | 3.8\% | NA |  |
| Total participants |  | 132,382 | 14,937 | 714 | 242 | 183 |  |
| Average participant account balance | \$ | 18,043 | 17,327 | 5,025 | 51,355 | 705 |  |
| Financial Information |  |  |  |  |  |  |  |
| Changes in Net Assets |  |  | $t h o u$ | $n d s$ ) |  |  | Total |
| Contributions | \$ | 193,515 | 23,282 | 2,351 | 6,069 | 161 | 225,378 |
| Net investment income |  | 226,668 | 24,210 | 283 | 1,061 | 2 | 252,224 |
| Refunds |  | 130,718 | 18,138 | 67 | 1,232 | 34 | 150,189 |
| Net assets at market value |  | ,388,556 | 258,815 | 3,588 | 12,428 | 129 | 2,663,516 |

## Utah Retirement Systems

560 East 200 South
Salt Lake City
Utah 84102-2021
www.urs.org



[^0]:    Average annual
    benefit -
    all retirees
    \$9,503

[^1]:    *American Depository Receipts

[^2]:    *London Interbank Offered Rate (LIBOR)

[^3]:    *Additional years will be added as they become available.

[^4]:    All fund returns are reported net of investment management fees and administrative fees. All returns for periods greater than one year are annualized.

    Investment return calculations were prepared using a time-weighted return in accordance with the Performance Presentation Standards of the CFA Institute (CFAI), formerly known as AIMR. Comparative indexes below reflect current asset allocation targets.
    (1) Balanced Index: 60\% S\&P 500 Index, $40 \%$ Lehman Brothers Aggregate Bond Index
    (2) Short Horizon Index: 15\% Treasury Bills, 55\% LB Aggregate Bond, 15\% S\&P 500, 10\% MSCI EAFE, 5\% Russell 2000
    (3) Medium Horizon Index: 45\% LB Aggregate Bond, $35 \%$ S\&P 500, $15 \%$ MSCI EAFE, 5\% Russell 2000
    (4) Long Horizon Index: 20\% LB Aggregate Bond, $45 \%$ S\&P 500, $25 \%$ MSCI EAFE, 10\% Russell 2000
    (5) The Group Annuity Fund is closed to future contributions. Returns prior to 1998 represent performance of the 401(k) Group Annuity Fund.
    *This fund has been available less than the number of years indicated.

