# Utah Retirement Systems A Component Unit of the State of Utah

**Comprehensive Annual Financial Report** 

For the Year Ended December 31, 2005



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

## 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 31,2004

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.

Carla E ferge President Jeffrey L. Eases



Public Pension Coordinating Council Public Pension Standards 2005 Award

Presented to

#### **Utah Retirement Systems**

In recognition of meeting professional standards for plan design and administration as set forth in the Public Pension Standards.

Presented by the Public Pension Coordinating Council, a confederation of National Association of State Retirement Administrators (NASRA) National Conference on Public Employee Retirement Systems (NCPERS) National Council on Teacher Retirement (NCTR)

> Alan H. Winkle Program Administrator

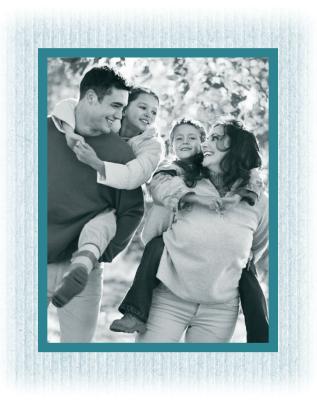
Cover Photo: James N. Taylor, Maintenance Manager, Wasatch Integrated Waste Management, Layton

# Utah Retirement Systems

A Component Unit of the State of Utah

## 2005 Comprehensive Annual Financial Report

For the Year Ended December 31, 2005



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

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

#### 2005 Comprehensive Annual Financial Report

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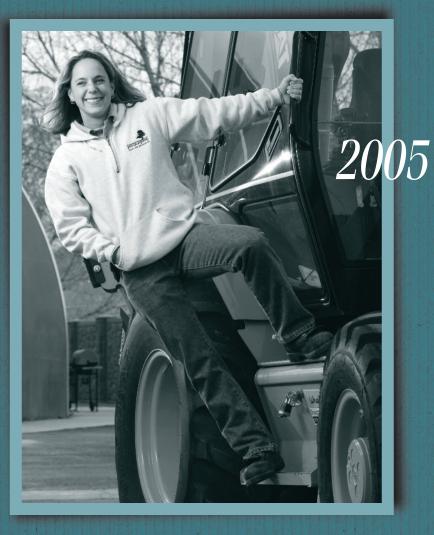
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(Inside back cover)

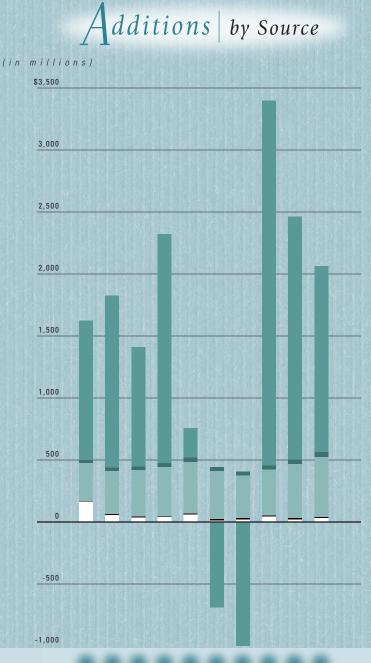
Utah Retirement Systems Comprehensive Annual Financial Report

# ntroductory Section



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10 Administrative Staff and Professional Consultants
12 Systems' Highlights

#### All Retirement Systems



96	97	98	99	00	01	02	03	04	05	

(in million:	s ) 1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Net Investment Income (Loss)	\$1,118	1,381	958	1,836	239	(693)	(999)	2.929	1.950	1,491	
<ul> <li>Member Contribution</li> </ul>		29	29	33	34	31	31	2,323	35	42	
<ul> <li>Employer Contributi</li> </ul>		344	374	397	414	388	341	369	436	479	
<ul> <li>Court Fees and Fire Insurance Tax</li> </ul>	6	6	6	6	8	10	12	11	10	11	
Transfers from Syst	ems 158	52	32	33	55	8	15	37	16	25	
Totals	\$1,612	1,812	1,399	2,305	750	(256)	(600)	3,377	2,446	2,048	

# Letter of Transmittal

# UTAH STATE RETIREMENT BOARD

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

March 8, 2006

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

#### Dear Board Members:

We are pleased to present the 2005 Comprehensive Annual Financial Report of the Utah Retirement Systems (Systems) and 401(k), 457, Roth and Traditional IRA Plans (Plans), a component unit of the State of Utah, administered by the Utah State Retirement Board (Board) for calendar year 2005. 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.

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, and GASB Statement No. 45, Accounting and Financial Reporting for Employers for Postemployment Benefits Plans Other Than Pension. 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 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 120 through 127. 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 2005 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 certification, an outline of actuarial assumptions and methods, and other actuarial statistics. The Statistical Section contains tables of significant data pertaining to the Systems.

## Letter of Transmittal (Continued)

#### **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 96 of this report.

#### For the Future

During 2005, 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 goingconcern 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 66. The current funded ratios range from 88% to 122%.

#### Investments

The target investment portfolio mix at fair value as of the end of 2005 is 25% debt securities, 48% equities, 7% private equity, 10% real estate and 10% absolute return. The 25% debt securities target is comprised of 20% domestic and 5% international instruments. The 48% equities target is comprised of 35% domestic and 13%

## Letter of Transmittal (Continued)

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, 2005, 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, 2004. 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 21 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 2005 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,

Robert Ko Kellersberger

Robert K. Kellersberger, CGFM, Controller

Court V. Mu

Robert V. Newman, Executive Director

# 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

March 8, 2006

Dear members of the Retirement Systems:

As I report on the activities and programs of the Utah Retirement Systems for 2005, I'm pleased to note that over 36,000 retirees now enjoy monthly benefits from the Retirement Systems, and nearly 98,000 working members of the Systems are earning future retirement benefits.

As Board members we serve as trustees to ensure that members' interests are properly safeguarded. We have the responsibility and mandate to provide retirement benefits to eligible members for the valued service they've rendered to the public. Thanks to far-sighted actuarial funding principles established over several decades by governors, legislatures and boards, the outlook for the Systems is positive. Benefits to retired members will continue to be paid in timely fashion, and working members of the retirement systems can be assured of receiving promised retirement benefits upon completion of their careers.

#### Financial markets continued positive in 2005

Despite concerns of rising inflation, ever higher oil and industrial commodity prices, and rising short-term interest rates, investment returns for 2005 were ultimately gratifying. Thanks to investment returns of 8.96%, assets of the Retirement Systems increased by more than \$1.37 billion to a new high of more than \$17.46 billion. Over the past ten years, the Systems have returned better than 9.04%, against the actuarial goal of 8%.

#### 401(k), 457, Roth and Traditional IRA plans assets top \$2 billion

During 2005 the Systems introduced two new IRAs to members — the Roth and Traditional. The financial flexibility they present to our members has been a key element in their initial popularity. I'm pleased to report that member contributions to these new plans, as well as to the 401(k) and 457 plans, continue to grow. Account balances in these plans grew by some \$238 million in 2005 reaching a total net asset value of more than \$2.34 billion. While participants' individual rates of return varied according to their choices among the eleven available investment options, most participants were rewarded with investment gains.

Taken together, the defined benefit plans and the defined contribution plans contributed more than \$1.61 billion to the total net assets of the systems, carrying total net assets to a new high of \$19.8 billion. As the economy continues to demonstrate its economic resilience going into 2006, I believe the Systems are well positioned to take advantage of its opportunities.

#### **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 and appreciation to Executive Director Robert Newman and his staff for their excellent management of the Systems.

Sincerely,

John I Junt

John L. Lunt, President, Utah State Retirement Board



## Executive Director

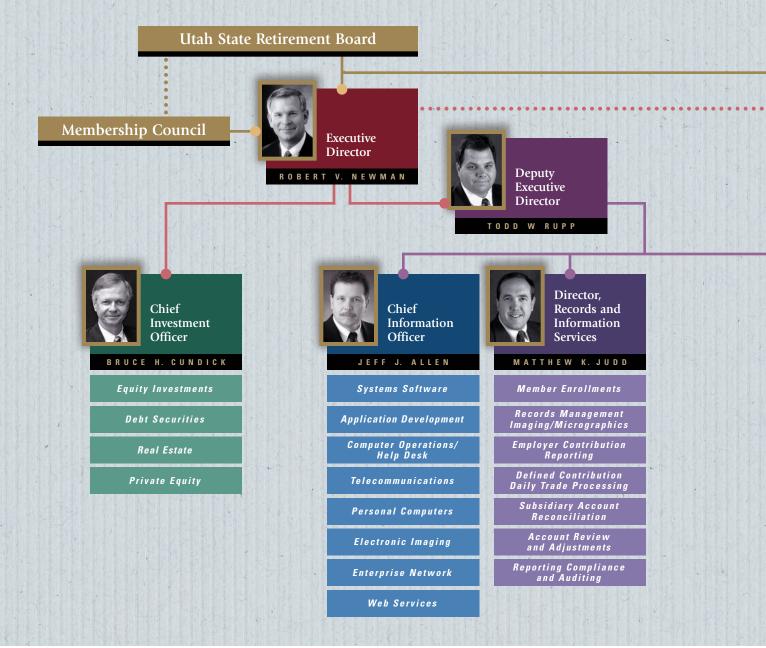


**Robert V. Newman** 

## Membership Council

Member	Represents
<b>Ms. Elaine Tzourtzouklis*</b> Chairperson	Represents Utah Education Association
Mr. Marty Peterson* Vice-Chairperson	Represents Professional Firefighters of Utah
Mr. Kent J. Abel*	Represents Utah Retired School Employees Association
Mr. G. Steven Baker*	Represents Utah Association of Counties
Ms. Patti Wayman*	Represents Utah Public Employees Association
Honorable Judith M. Billings	Represents Utah Judicial Council
Mr. Dean Drew	Represents Utah Public Employees Association
Officer Mike Galieti	Represents Utah Peace Officers Association
Mr. Tom Hardy	Represents Utah League of Cities and Towns
Mr. Russell S. Judd	Represents Utah Education Association
Ms. Pat Rusk	Represents Utah Education Association
Mr. James Tarbet	Represents Utah Association of Retired Public Employees
Ms. Patricia Thompson	Represents Utah School Employees Association
* 5	

# 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

**Don G. Pugmire** Director, Human Resources Judy C. Lund Director, Retirement

**Craige D. Stone** Director, Defined Contribution Plans and Education/Marketing



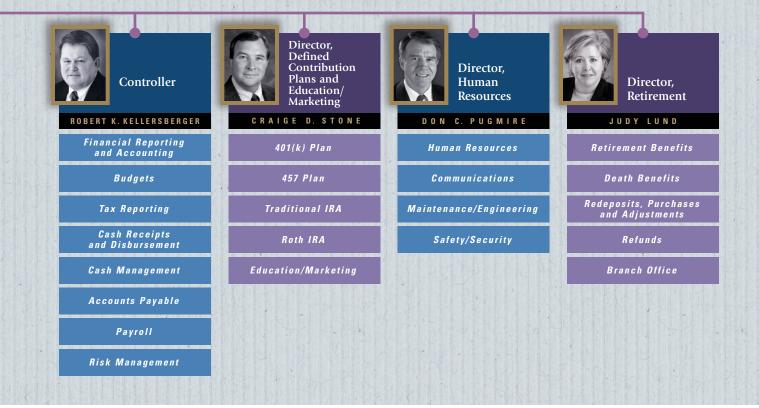
Director, Internal Audit

STEVEN M. WEST

#### **Professional Services**

Actuary • Auditor Legal • Consultants Investment Advisors Medical Director

Detail for professional service providers is shown below. Investment professionals are presented on pages 98 and 101.



## Professional Consultants

#### Actuary

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

#### Auditor

Deloitte & Touche LLP Certified Public Accountants Suite 1800, 50 South Main Salt Lake City, UT 84144

#### 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

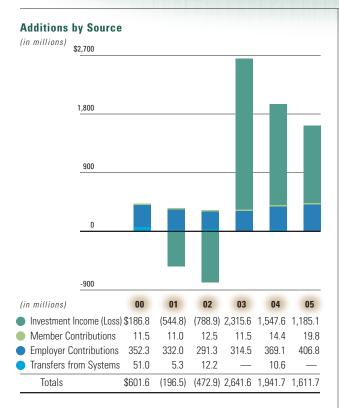
# Noncontributory | System Highlights

# 2005 Composite Picture

137,375
85,637
26,028
25,710
85,637
\$37,633

2005 Retirees	
Number Average age	
Average age Average years of service	
a second se	
Average annual benefit	\$19,210
Average annual benefit — all retir	

Photo: Becky Reese Cheerleading Coach Bear River High School, Garland 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.



#### **Service Retirement**

Age	Years of Service	Allowance Reduction
Any age		None
Any age	25	Full actuarial before age 60
60-61	20	3% each year before age 65
62-64		3% each year before age 65
65	4	None

#### Service Benefit Formula

Number of years of service x 2.00% x 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.

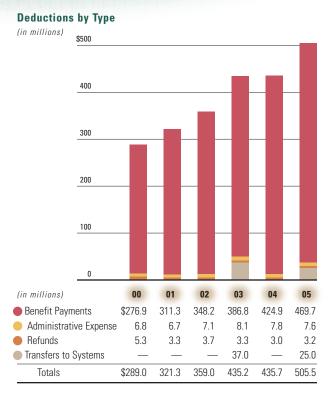
#### **Cost of Living Allowance**

Up to 4% annually on original retirement benefit.

#### Contribution Rates (as of 12-31-2005)

Employer rate for the State and School Division (Level A) is 13.38% of covered salary and 11.09% for the Local Government Division (Level B).

For more detail see Summary of Plan Provisions on page 120.



#### Funding Progress with Funded Ratios

(dollars in millions)



# Contributory | System Highlights

# 2005 Contributory Composite Picture

Total Membership	10,810
Active	3,198
Active Terminated vested	1,437
Terminated vested Retired	6,175
2005 Active Members	
2005 Active Weinbers	
Average age Average years of service	
Average years of service Average annual salary	\$41,758

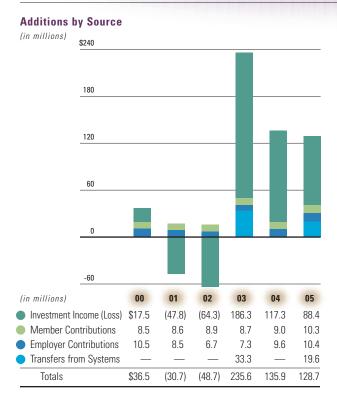
#### 2005 Retirees

		II retiroos	
Average annual be	nefit	••••••	\$17,005
Final average annu	al Sala		¢17 889
Final average annu	al cala	<b>n</b> v	.\$36,876
the second s	rvice		
Average age			<b>DE 4</b>
Average age	••••		60.6
Number			178
			1 7 0

Average annual benefit — all retirees .....\$8,799



Photo: Santina Valente Parks Lead Worker South Jordan The 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.



#### **Service Retirement**

Age	Years of Service	Allowance Reduction
Any age		None
60-61		3% each year before age 65
62-64		3% each year before age 65
65	4	None

#### **Service Benefit Formula**

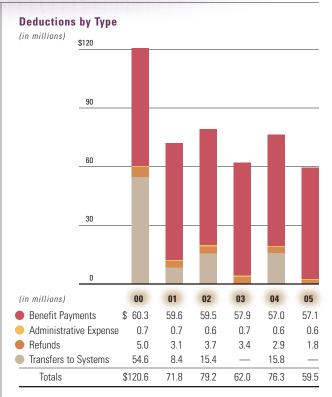
- 1. Number of years of service before 7-1-75 x 1.25% x FAS\*.
- 2. Number of years of service after 6-30-75 x 2.00% x FAS\*.
- 3. Plan 1 allowance = total of 1 and 2.
- \* FAS (Final Average Salary) = highest five years' earnings converted to a monthly average. Yearly salary increases are limited to 10% plus a COLA determined by the CPI.
- \*\* If FAS is \$500 or less the formula is 1.15% for each year of service before 7-1-67

#### **Cost of Living Allowance**

Up to 4% annually on original retirement benefit.

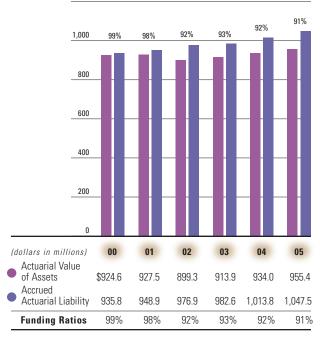
#### Contribution Rates (as of 12-31-2005)

Member rate is 6.00% of covered salary. Employer rate for State and School Division (Level A) is 8.89% of covered salary and 7.08% for the Local Government Division (Level B).



#### Funding Progress with Funded Ratios (dollars in millions)

\$1,200



For more detail see Summary of Plan Provisions on page 121.

# ublic Safety | System Highlights



2005 Public Safety **Composite** Picture

11,883
7,239
3,268
7,239
\$40,737

### 2005 Retirees Number.....252 Average age .....53.5 Average years of service ......22.9 Final average annual salary ......\$51,604 Average annual benefit.....\$28,873

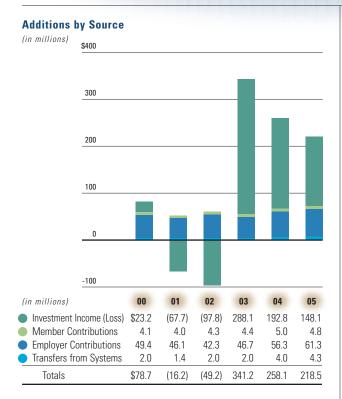
Average annual benefit — all retirees ...\$21,724

, I	hoto:	Chris	Snyder
Captain,	Police	e Dep	artment
REEV	So	uth Sa	alt Lake

PPU

SOL

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.



#### **Service Retirement**

Age	Years of Service	Allowance Reduction
Any age	20	None
60		None
65	4	None

#### Service Benefit Formula

- 1. 2.5% x FAS\* x years of service up to 20 years.
- 2. 2.0% x FAS\* x 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 12-31-2005)

**Noncontributory** — Employer rates range from 19.34% to 32.52% of covered salary.

**Contributory** — Member rates range from 10.50% to 13.74% of covered salary. Employer rates range from 7.95% to 19.96% of covered salary.



#### **Deductions by Type**





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

# Hirefighters | System Highlights



Firefighters Composite Picture

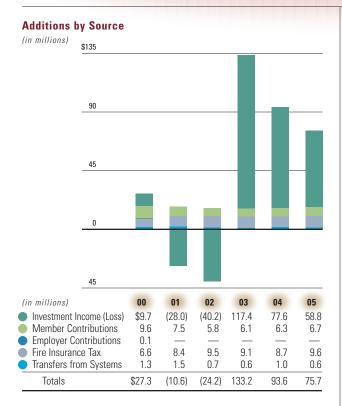
Total Membership	2,704
Active	1,636
Active	94
Terminated vested	
Retired	
2005 Active Members	1,636
2005 ACTIVE MEMBERS	
2005 Active Members         Average age         Average years of service	
Average years of service Average annual salary	\$50,471
Average annual salary	

2005 Retirees	
Number	
Average age Average years of service	
a second calary	
Final average annual benefit	\$39,087
	¢25 210

Average annual benefit — all retirees ...\$25,319

Photo: Kevin Kemp
Batallion Chief
Fire Department, Orem

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



#### **Service Retirement**

Age	Years of Service	Allowance Reduction
Any age	20	None
60		None
65	4	None

#### Service Benefit Formula

- 1. 2.5% x FAS\* x years of service up to 20 years.
- 2. 2.0% x FAS\* x 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.

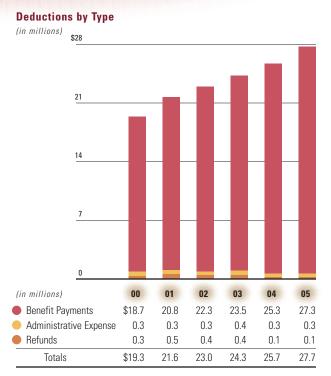
#### **Cost of Living Allowance**

Up to 4% annually on original retirement benefit.

#### **Contribution Rates** (as of 12-31-2005)

Member rates for Division A (with Social Security) is 8.61% of covered salary and 7.83% for Division B (without Social Security).

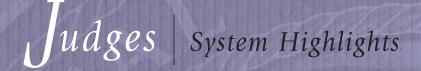
Employers rate for Division A is 0.00% of covered salary and 0.00% for Division B.



#### **Funding Progress with Funded Ratios**



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



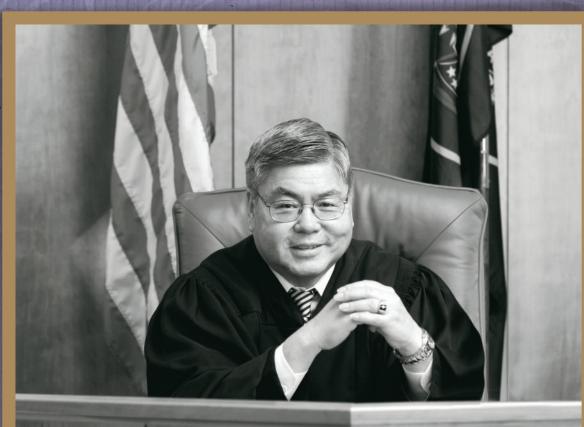




Photo: Howard H. Maetani Judge, Fourth District Court American Fork

# 2005 Judges Composite Picture

Total Membership	202
Total Membership	108
Active	6
Terminated vested	
Retired	
2005 Active Members	108
2005 Active Weinbers	55.9
Average age	
Average age Average years of service Average annual salary	\$110,539

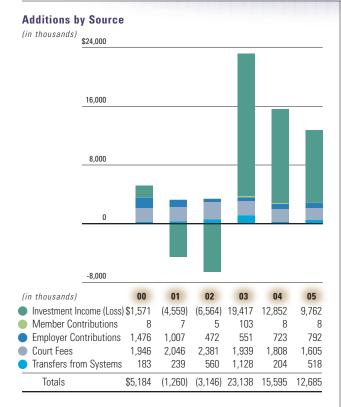
#### 2005 Retirees

2003 11011-0-2	
Number	
Average age Average years of service	
a so appulated salary	
Average annual benefit	\$74,491
Average annual 2 -	

Average annual benefit — all retirees...\$52,465

The Judges Retirement System includes

justices and judges of the courts of record as authorized in state statutes.



#### **Service Retirement**

Age	Years of Service	Allowance Reduction
Any age		None
55		Full actuarial reduction
62		None
70	6	None

#### **Service Benefit Formula**

- 1. 5.00% x FAS\* x years of service up to 10 years.
- 2. 2.25% x FAS\* x years of service between 10 and 20 years.
- 3. 1.00% x FAS\* x 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.

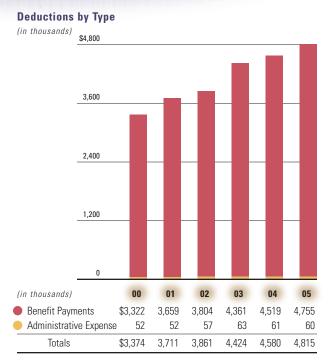
#### **Cost of Living Allowance**

Up to 4% compounded annually.

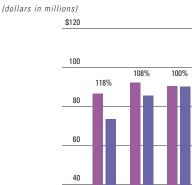
#### **Contribution Rates** (as of 12-31-2005)

**Noncontributory** — Employer rate for is 8.26% of covered salary.

**Contributory** — Member rate is 2.00% of covered salary. Employer rate is 6.26% of covered salary.



#### **Funding Progress with Funded Ratios**



20 0 05 (dollars in millions) 00 01 02 03 04 Actuarial Value \$87.1 92.6 90.9 97.4 100.8 of Assets 106.4 Accrued 90.6 Actuarial Liability 74.0 86.0 97.9 104.0 110.7 118% 108% 100% 97% 96% **Funding Ratios** 99%

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

96%

97%

99%

# Itah Governors and Legislators Retirement Plan Highlights

## 2 Governors and Legislators Composite Picture

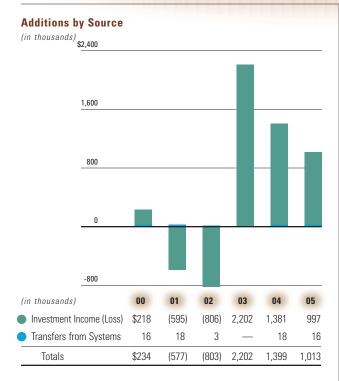
Total Membership	414
Total Membership	
Active	
Active Terminated vested Retired	230
2005 ACTIVE MEMBERS	51.0
2005 Active Members         Average age         Average years of service	5.8
Average years of service Average annual salary	\$8,955

2005 Retirees	.12
Number	
Average age Average years of service	
- 1 and applied salary	
Average annual benefit	\$3,548
Average annual benefit — all retirees	

Photo: Ann W. Hardy Representative, District 20, Bountiful Utah House of Representatives

## The Utah Governors and Legislators Retirement Plan

includes only governors and legislators of the State of Utah.



### Service Retirement

Age	Years of Service	Allowance Reduction
65	4	None
62		each year 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 12-31-05 is \$1,140 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 12-31-05 is \$25.20.

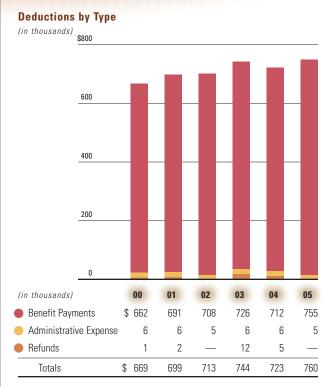
#### **Cost of Living Allowance**

Up to 4% annually on original retirement benefit.

#### **Contribution Rates** (as of 12-31-2005)

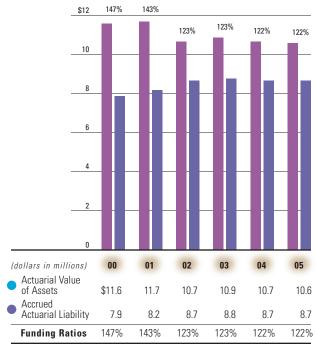
There are currently no required contributions.

For more detail see Summary of Plan Provisions on page 127.



#### **Funding Progress with Funded Ratios**

(dollars in millions)



# Defined Contribution Plan Highlights

December 31, 2005

The purpose of the

Defined Contribution Plans (401(k), 457, Roth and Traditional IRAs)

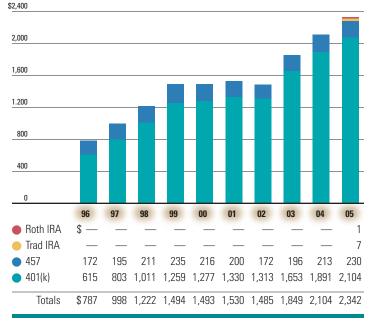
is to allow public employees throughout Utah to adequately prepare themselves for retirement by investing a portion of their income in one or more of these supplemental retirement plans.

#### **Membership Information**

At December 31, 2005				
	401(k)	457	Roth IRA	Traditional IRA
Number of active employees				
eligible to participate	92,466	81,373	97,906	97,906
Employee contributions				
(excluding employer contributions):				
Number of employees contributing	43,320	6,103	123	13
Percent of eligible				
employees contributing	46.8%	7.5	0.4	0.1
Average percent of salary				
deferred by employees	6.2%	8.4	3.7	6.0
Total participants	127,279	13,825	259	118
Average participant account balance	\$16,534	16,639	3,965	55,559

#### **Defined Contribution Member Balances**

(in millions)



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:

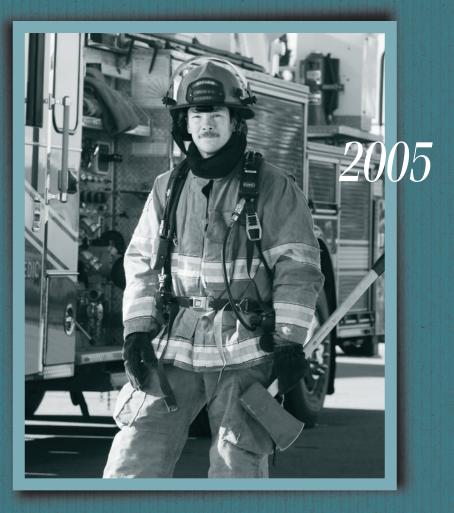
- Convenient, automatic payroll deduction
- Eleven investment options
- Tax deferred and/or tax free savings
- Increase or decrease contributions as often as every pay period
- Rollover funds into any eligible plan or IRA upon termination or retirement
- Upon death, funds transfer to beneficiaries
-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

Each year the number of employees participating in these plans increases. Individuals may participate in more than one option. As of December 31, 2005 the number of participants by investment plan is shown at the upper left.

Annualized rates of returns for the Investment Funds are shown on page 101.

Utah Retirement Systems Comprehensive Annual Financial Report

Financial Section



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- 70 Individual Retirement Systems' Schedules by Division
- 90 Schedules of Administrative and Investment Expenses

# Independent Auditors' Report

# Deloitte

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

Utah State Retirement Board:

Deloitte & Touche LLP Suite 1800 50 South Main St. Salt Lake City, UT 84144 USA

Tel: +1 801 328 4706 Fax: +1 801 355 7515 www.deloitte.com

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, 2005, 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, 2005, 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 conducted 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 March 8, 2006, on our consideration of Utah Retirement Systems' internal control over financial reporting and our tests of their compliance 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.

Deloitte & Touche LLP

March 8, 2006

Member of **Deloitte Touche Tomatsu** 

# Deloitte

#### 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

Deloitte & Touche LLP Suite 1800 50 South Main St. Salt Lake City, UT 84144 USA

Tel: +1 801 328 4706 Fax: +1 801 355 7515 www.deloitte.com

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, 2005, and have issued our report thereon dated March 8, 2006. 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 in order to determine our auditing procedures for the purpose of expressing our opinion on the basic financial statements and not to provide an opinion on the internal control over financial reporting. Our consideration of the internal control over financial reporting that might be material weaknesses. A material weakness is a reportable condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that misstatements caused by error or fraud in amounts that would be material in relation to the financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over financial reporting and its operation that we consider to be material weaknesses. However, we noted other matters involving the internal control over financial reporting and its described the material reporting that we have reported to the management of the Utah Retirement Systems in a separate letter dated March 8, 2006.

#### **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.

eloitte & Touche LLP

March 8, 2006

Member of Deloitte Touche Tomatsu

#### **Utah Retirement Systems**

# Management's Discussion and Analysis

## Introduction

his section presents management's discussion and analysis of the Utah Retirement



Systems' (URS) financial position and performance for the year ended December 31, 2005. 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 comprised of six defined benefit pension systems (Systems) and four 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 four defined contribution plans (Plans) are the 401(k), 457, Roth and Traditional IRA Plans. 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 \$1.4 billion, or 8.5 percent during calendar year 2005. 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 2005 was 9.0 percent compared with the calendar year 2004 rate of return of 13.2 percent. The decrease in rate of return was due primarily to the decrease in equity performance in 2005.
- The URS Defined Benefit Pension Systems were actuarially funded at an average of 92.4 percent as of January 1, 2005, a decrease from the comparative average of 94.7 percent as of January 1, 2004. During 2005 the funded ratio decreased from 92.4 percent at the beginning of the year to 92.2 percent at December 31, 2005 due to negative actuarial experience.
- The Defined Contribution Plans' net assets increased \$238 million during calendar year 2005 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 19.8 percent to a low of 1.8 percent compared to prior year investment option returns of a high of 18.9 percent and a low of 3.4 percent.

# Overview of the Financial Statements

his discussion and analysis is intended to serve as an introduction to the URS financial reporting which is comprised of the following components:



basic financial statements,
 notes to the basic financial statements,
 required supplementary information, and
 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, 2005. 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, 2005, 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 four defined contribution plans.

The Statements of Fiduciary Net Assets are presented for the pension trust funds at December 31, 2005 with combined total comparative information at December 31, 2004. 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, 2005 with combined total comparative information for the year ended December 31, 2004. These financial statements reflect the changes in the resources available to pay benefits to members, including retirees and beneficiaries, for calendar years 2005 and 2004.

#### 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

nvestments 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, 2005, URS Defined Benefit Systems had total net assets of \$17.5 billion, an increase of \$1.4 billion from calendar year 2004 investment totals. The combined investment portfolio experienced a return of 9.0 percent compared with the URS investment benchmark return of 8.2 percent. Investment results over time compared with URS benchmarks are presented on page 96 in the Investment Section.

Since the investment gain in all of the retirement systems was about 9.0 percent of net assets, further investment performance will not be evaluated in each respective system.

#### **Equities**

At December 31, 2005, URS Defined Benefit Systems held \$10.1 billion in U.S. and international equity securities, an increase of \$164.9 million from year 2004. U.S. equity and international equity securities had returns of 7.3 percent and 17.4 percent respectively for the 2005 calendar year, compared to URS benchmark returns of 6.1 percent and 16.4 percent respectively.

#### **Debt Securities**

At December 31, 2005, URS Defined Benefit Systems held \$4.3 billion in U.S. debt and international debt securities, an increase of \$546.5 million from year 2004. U.S. debt securities returned 2.1 percent while international debt securities returned (2.9) percent in calendar year 2005 compared with URS benchmark returns of 2.4 percent and (4.5) percent respectively.

#### **Real Estate**

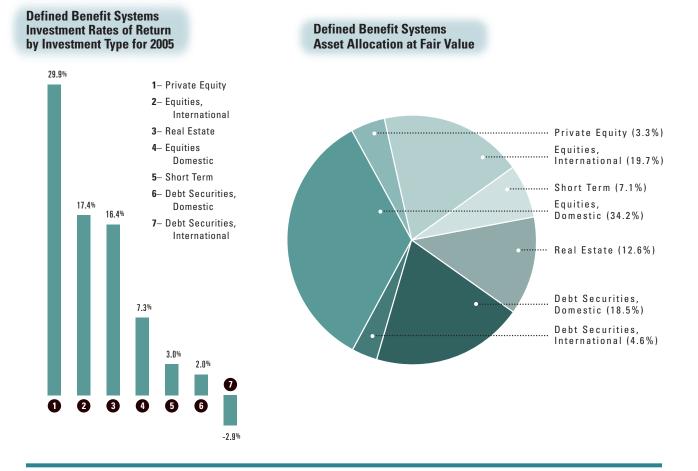
At December 31, 2005, URS Defined Benefit Systems held \$2.4 billion in real estate investments, an increase of \$680.1 million from year 2004. Real estate investments returned 16.4 percent in calendar year 2005 compared with URS benchmark return of 18.9 percent.

#### **Private Equity**

At December 31, 2005, URS Defined Benefit Systems held \$611.6 million in private equity investments, an increase of \$59.1 million from year 2004. Private equity investments returned 29.9 percent in calendar year 2005. The URS benchmark for private equity investments was 9.4 percent.

#### **Short Term**

At December 31, 2005, URS Defined Benefit Systems held \$1.3 billion in short-term investments, an increase of \$269.4 million from year 2004. Short-term investments returned 3.0 percent in calendar year 2005, which compared to the URS benchmark return of 3.1 percent.



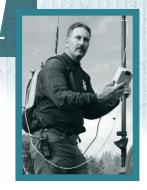
#### **Security Lending**

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, 2005, the Systems had \$2.4 billion on loan secured by collateral of \$2.5 billion. For calendar year 2005, net securities lending income to the Systems amounted to \$6.9 million, an increase of \$2.5 million over calendar year 2004. The increase in security lending revenue for year 2005 represents mainly an increase in demand by brokers to borrow available securities.

# Analysis of the Defined Benefit Systems

#### **Noncontributory System**

he 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, 2005 totaled \$13.9 billion, an increase of \$1.1 billion (8.7 percent) from \$12.8 billion at December 31, 2004.

Additions to the Noncontributory System net assets

held in trust for benefits include employer contributions, investment income and transfers. For the 2005 calendar year, member and employer contributions increased from \$383.5 million for the calendar year 2004 to \$426.6 million, an increase of \$43.1 million (11.2 percent). Contributions increased because salaries increased. The system recognized a net investment gain of \$1.2 billion for the 2005 calendar year compared with net investment gain of \$1.5 billion for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005.

Deductions from the Noncontributory System net assets held in trust for benefits include retirement benefits, administrative expenses and transfers. For the 2005 calendar year, benefits amounted to \$469.7 million, an increase of \$44.8 million (10.5 percent) over 2004 calendar year. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For the 2005 calendar year, the costs of administering the system totaled \$7.6 million, a decrease of \$201,000 (2.6 percent) from calendar year 2004.

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, 2005, the funded status of the system decreased to 92.3 percent from 94.4 percent at January 1, 2004. The amount by which the Noncontributory System actuarial assets were under actuarial benefit liabilities was \$1.0 billion at January 1, 2005, compared with being under funded by \$693.8 million at January 1, 2004. The decrease in funded status as of the last actuarial valuation was a result of negative actuarial experience.

#### **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, 2005 totaled \$1.0 billion, an increase of \$69.1 million (7.3 percent) from \$949.4 million at December 31, 2004.

Additions to the Contributory System net assets held in trust for benefits include employer and member contributions, investment income and transfers. For the 2005 calendar year, member and employer contributions increased from \$18.6 million for the calendar year 2004 to \$20.7 million, an increase of \$2.1 million (11.1 percent). Contributions increased because salaries increased. 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 \$88.4 million for the 2005 calendar year compared with net investment gain of \$117.3 million for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005.

#### Fiduciary Net Assets — Pension Trust Funds

December 31

(dollars in thousands)

	Noncontributory System		Contril	<b>Contributory System</b>		Public Safety System	
	2005	2004	2005	2004	2005	2004	
Assets:							
Cash and receivables	\$ 625,093	295,018	45,024	20,977	77,988	35,887	
Investments at fair value	14,844,735	13,463,600	1,089,227	1,000,685	1,855,611	1,679,443	
Invested securities lending collateral	1,894,493	1,837,043	139,007	136,539	236,815	229,152	
Property and equipment	2,394	3,236	176	241	300	405	
Total assets	17,366,715	15,598,897	1,273,434	1,158,442	2,170,714	1,944,887	
Liabilities:							
Securities lending collateral liability	1,894,493	1,837,043	139,007	136,539	236,815	229,152	
Investment accounts and other payables	1,579,783	975,724	115,902	72,510	197,448	121,692	
Total liabilities	3,474,276	2,812,767	254,909	209,049	434,263	350,844	
Total net assets	\$13,892,439	12,786,130	1,018,525	949,393	1,736,451	1,594,043	

#### Changes in Fiduciary Net Assets — Pension Trust Funds

Year Ended December 31

	(dollars in thousands)						
	Noncontributory System		<b>Contributory System</b>		Public Safety System		
	2005	2004	2005	2004	2005	2004	
Additions:							
Contributions	\$ 426,612	383,486	20,657	18,587	66,132	61,357	
Investment income	1,185,095	1,547,605	88,388	117,340	148,071	192,784	
Transfers from affiliated systems	_	10,583	19,565	_	4,257	4,002	
Total additions	1,611,707	1,941,674	128,610	135,927	218,460	258,143	
Deductions:							
Pension benefits	469,695	424,897	57,100	56,992	74,041	66,329	
Refunds	3,189	3,029	1,800	2,945	1,026	960	
Administrative expenses	7,557	7,758	578	618	985	978	
Transfers to affiliated systems	24,957	—	—	15,787		—	
Total deductions	505,398	435,684	59,478	76,342	76,052	68,267	
Increase in net assets	\$ 1,106,309	1,505,990	69,132	59,585	142,408	189,876	

Deductions from the Contributory System net assets held in trust for benefits include retirement benefits, administrative expenses and transfers. For the 2005 calendar year, benefits amounted to \$57.1 million, an increase of \$108,000 (0.2 percent) from 2004 calendar year. The increase in benefit payments was due to the increase in the number of retired members in the system. For the 2005 calendar year, the costs of administering the system totaled \$578,000, a decrease of \$40,000 (6.5 percent) from calendar year 2004.

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, 2005, the funded status of the system decreased to

Firefig	Ihters System	Jı	ıdges System	Utah Governors and Legislators Retirement Plan		Tota	Paraant	
2005	2004	2005	2004	2005	2004	2005	2004	Percent Change
29,947	15,960	5,073	2,442	490	236	783,615	370,520	111.5%
734,111	670,439	121,152	111,060	12,117	11,673	18,656,953	16,936,900	10.2
93,688	91,478	15,462	15,153	1,547	1,593	2,381,012	2,310,958	3.0
118	161	20	27	2	3	3,010	4,073	(26.1)
 857,864	778,038	141,707	128,682	14,156	13,505	21,824,590	19,622,451	11.2
93,688	91,478	15,462	15,153	1,547	1,593	2,381,012	2,310,958	3.0
78,114	48,581	12,892	8,046	1,290	846	1,985,429	1,227,399	61.8
 171,802	140,059	28,354	23,199	2,837	2,439	4,366,441	3,538,357	23.4
686,062	637,979	113,353	105,483	11,319	11,066	17,458,149	16,084,094	8.5%

Firefig	Firefighters System		dges System	Utah Governors and Legislators Retirement Plan		Total		
 2005	2004	2005	2004	2005	2004	2005	2004	Percent Change
16,327	14,951	2,405	2,539	_	_	532,133	480,920	10.6%
 58,827	77,602	9,762	12,852	997	1,381	1,491,140	1,949,564	(23.5)
 601	980	518	204	16	18	24,957	15,787	58.1
 75,755	93,533	12,685	15,595	1,013	1,399	2,048,230	2,446,271	(16.3)
27,269	25,263	4,755	4,518	755	712	633,615	578,711	9.5
72	106		_	_	5	6,087	7,045	(13.6)
331	345	60	61	5	6	9,516	9,766	(2.6)
_	_	—	_		_	24,957	15,787	58.1
 27,672	25,714	4,815	4,579	760	723	674,175	611,309	10.3
48,083	67,819	7,870	11,016	253	676	1,374,055	1,834,962	(25.1)%

92.1 percent from 93.0 percent at January 1, 2004. The amount by which the Contributory System actuarial assets were under actuarial benefit liabilities was \$79.9 million at January 1, 2005, compared with \$68.6 million at January 1, 2004. The decrease in funded status as of the last actuarial valuation was a result of negative actuarial experience.

#### **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, 2005 amounted to \$1.7 billion, an increase of \$142.4 million (8.9 percent) from \$1.6 billion at December 31, 2004.

Additions to the Public Safety System net assets held in trust for benefits include employer contributions, investment income and transfers. For the 2005 calendar year, member and employer contributions increased from \$61.4 million for the calendar year 2004 to \$66.1 million, an increase of \$4.7 million (7.8 percent). Contributions increased because salaries increased. The system recognized a net investment gain of \$148.1 million for the 2005 calendar year compared with net investment gain of \$192.8 million for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005.

Deductions from the Public Safety System net assets held in trust for benefits include retirement benefits and administrative expenses. For the 2005 calendar year, benefits amounted to \$74.0 million, an increase of \$7.7 million (11.6 percent) over the 2004 calendar year. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For the 2005 calendar year, the costs of administering the system totaled \$985,000, an increase of \$7 thousand (0.7 percent) from calendar year 2004.

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, 2005, the funded status of the system decreased to 88.3 percent from 93.1 percent at January 1, 2004. The amount by which the Public Safety System actuarial assets were under actuarial benefit liabilities



was \$201.9 million at January 1, 2005, compared with being under funded by \$107.9 million at January 1, 2004. The decrease in funded status as of the last actuarial valuation was a result of negative actuarial experience.

#### **Firefighters System**

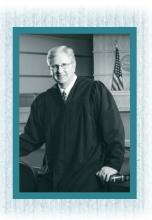
The Firefighters System provides retirement benefits to covered firefighters of the State of Utah and local governments. Benefits of the system are funded by mem-

ber and employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2005 amounted to \$686.1 million, an increase of \$48.1 million (7.5 percent) from \$638.0 million at December 31, 2004.

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 the 2005 calendar year, member and employer contributions increased from \$15.0 million for the calendar year 2004 to \$16.3 million, an increase of \$1.3 million (9.2 percent). Contributions increased because member contributions and insurance premium taxes increased. The system recognized a net investment gain of \$58.8 million for the 2005 calendar year compared with net investment gain of \$77.6 million for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005.

Deductions from the Firefighters System net assets held in trust for benefits include retirement benefits and administrative expenses. For the 2005 calendar year, benefits amounted to \$27.3 million, an increase of \$2.0 million (7.9 percent) over the 2004 calendar year. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For the 2005 calendar year, the costs of administering the system totaled \$331,000, a decrease of \$14,000 (4.1 percent) from calendar year 2004.

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, 2005, the funded status of the system decreased to 105.5 percent from 107.3 percent at January 1, 2004. The amount by which the Firefighters System actuarial assets were over actuarial benefit liabilities was \$31.8 million at January 1, 2005, compared with \$40.1 million at January 1, 2004. The decrease in funded status as of the last actuarial valua-



Deductions from the Judges System net assets held in trust for benefits include retirement benefits and administrative expenses. For the 2005 calendar year, benefits amounted to \$4.8 million, an increase of \$237,000 (5.2 percent) over 2004 calendar year. The increase in benefit payments was due to an increased number of benefit recipients and benefit increases. For the 2005 calendar year, the costs of administering the system totaled \$60,000, a decrease of \$1,000 (1.6

tion 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, 2005 amounted to \$113.4 million, an increase of \$7.9 million (7.5 percent) from \$105.5 million at December 31, 2004.

Additions to the Judges System net assets held in trust for benefits consist of employer contributions, including court fees, investment income and transfers. For the 2005 calendar year, member and employer contributions decreased from \$2.5 million for the calendar year 2004 to \$2.4 million, a decrease of \$134,000 (5.3 percent). Contributions decreased because court fees decreased. The system recognized a net investment gain of \$9.8 million for the 2005 calendar year compared with net investment gain of \$12.9 million for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005. percent) over calendar year 2004.

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, 2005, the funded status of the system decreased to 96.7 percent from 99.5 percent at January 1, 2004. The amount by which the Judges System actuarial assets were under actuarial benefit liabilities was \$3.4 million at January 1, 2005, compared with \$490,000 over at January 1, 2004. The decrease in funded status as of the last actuarial valuation was a result of negative actuarial experience.

#### **Utah Governors and Legislators Retirement Plan**

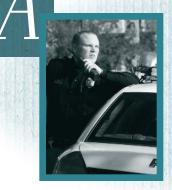
The Governors and Legislators Retirement Plan provides retirement benefits to governors and legislators of the State of Utah. Benefits of the system are funded by employer contributions and by earnings on investments. The system net assets held in trust for benefits at December 31, 2005 amounted to \$11.3 million, an increase of \$235,000 (2.3 percent) from \$11.1 million at December 31, 2004.

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 \$997,000 for the 2005 calendar year compared with net investment gain of \$1.4 million for the 2004 calendar year. The decrease in investment gain for 2005 compared to 2004 was due to the lower rate of return realized in 2005.

Deductions from the Governors and Legislators Retirement Plan net assets held in trust for benefits include retirement benefits and administrative expenses. For the 2005 calendar year, retirement benefits amounted to \$755,000, an increase of \$43,000 (6.0 percent) from 2004 calendar year. The increase in benefit payments was due to an increase in the number of benefit recipients. For the 2005 calendar year, the costs of administering the system totaled \$5,000, a slight decrease 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, 2005, the funded status of the system decreased to 122.0 percent from 123.8 percent at January 1, 2004. The amount by which the Governors and Legislators Retirement Plan actuarial assets were over actuarial benefit liabilities was \$1.9 million at January 1, 2005, compared with \$2.1 million at January 1, 2004. The decrease in funded status as of the last actuarial valuation was a result of the negative actuarial experience.

# Actuarial Valuations and Funding Progress

ctuarial valuation of each defined benefit system is performed annually. At January 1,



2005, the date of the most recent actuarial valuation, the average funded ratio of the Systems was 92.4 percent. This was a decrease from the Systems' January 1, 2004 valuation average funded ratio of 94.7 percent, a decrease in funded status of 2.3 percent. As of December 31, 2005, the Systems' average funded ratio had decreased to 92.2 percent. This was a decrease in the Systems' funded ratio of 0.2 percent for calendar year 2005. The funded ratio decrease for all systems was the result of negative actuarial experience.

At December 31, 2005 the Systems' unfunded actuarial accrued liability was \$1.4 billion. This was a net increase in the under funded position of \$112.3 million for the year. At December 31, 2005 the difference between the actuarial value of assets and market value of assets was \$1.0 billion in actuarially deferred gains. This was an increase of \$352 million in actuarially deferred gains from the \$691 million in actuarially deferred gains at January 1, 2005. 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

he 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, 2005 amounted to \$2.1 billion, an increase of \$213.9 million (11.3 percent) over net assets at December 31, 2004.

Additions to the 401(k) Plan net assets held in trust for bene-

fits include contributions and investment income. For the 2005 calendar year, contributions increased from those of 2004 calendar year from \$171.0 million to \$182.7 million, an increase of \$11.7 million (6.9 percent). Contributions increased because of increased participation. The plan recognized a net investment gain of \$142.8 million for the 2005 calendar year compared with a net investment gain of \$152.4 million for the 2004 calendar year.

Deductions from the 401(k) Plan net assets include participant and beneficiary refunds, and administrative expenses. For the 2005 calendar year, refunds amounted to \$106.7 million, an increase of \$25.1 million (30.7 percent) over 2004 calendar year. The increase in refunds was due to an increase in withdrawals for calendar year 2005. For the 2005 calendar year, the costs of administering the plan amounted to \$4.9 million, an increase of \$342,000 over calendar year 2004.

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

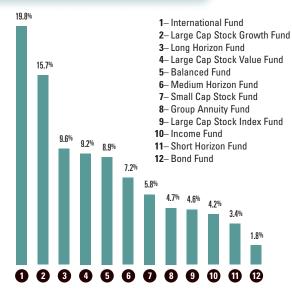
#### **457 Defined Contribution Plan**

The 457 Plan is established under Section 457 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, 2005 amounted to \$230 million, an increase of \$16.7 million (7.9 percent) over net assets at December 31, 2004.

Additions to the 457 Plan net assets held in trust for benefits include contributions and investment income. For the 2005 calendar year, contributions increased from those of 2004 calendar year from \$17.4 million to \$22.0 million or an increase of \$4.6 million (26.9 percent). Contributions increased because of increased participation. The plan recognized a net investment gain of \$14.9 million for the 2005 calendar year compared with a net investment gain of \$17.1 million for the 2004 calendar year.

Deductions from the 457 Plan net assets include participant and beneficiary refunds and administrative expenses. For the 2005 calendar year, refunds amounted to \$19.6 million, an increase of \$2.7 million (15.9 percent) over the 2004 calendar year. The increase in refunds was due to an increase in withdrawals for calendar year 2005. For the 2005 calendar year, the costs of administering the plan amounted to \$531,000, an increase of \$34,000 over calendar year 2004.

#### Defined Contribution Plans Investment Options Rates of Return for 2005



#### Defined Contribution Plans Comparative Annualized Rates of Return

December 31, 2005

Investment Option	2005	2004
Income Fund	4.2%	3.4%
Bond Fund	1.8	3.5
Balanced Fund	8.9	9.9
Large Cap Stock Value Fund	9.2	19.0
Large Cap Stock Index Fund	4.6	10.5
Large Cap Stock Growth Fund	15.7	7.4
International Fund	19.8	14.3
Small Cap Stock Fund	5.8	17.6
Short Horizon Fund	3.4	4.9
Medium Horizon Fund	7.2	8.9
Long Horizon Fund	9.6	11.4
Group Annuity Fund	4.7	4.7

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**

The Roth IRA is "deemed IRA" authorized by section 408(q) of the Internal Revenue Code, and governed by section 408A of the code. This plan allows participants

#### Fiduciary Net Assets — Defined Contribution Plans

December 31 ( d o I I a	rs in tho	usands)	
_		401(k) Plan	
	2005	2004	
Assets:			
Cash and receivables	\$ 49,922	39,360	
Investments at fair value	2,058,768	1,854,016	
Invested securities lending collateral	68,422	52,879	
Total assets	2,177,112	1,946,255	
Liabilities:			
Securities lending collateral liability	68,422	52,879	
Investment accounts and other payables	4,228	2,821	
Total liabilities	72,650	55,700	
Total net assets	\$2,104,462	1,890,555	

#### Changes in Fiduciary Net Assets — Defined Contribution Plans

Year Ended December 31	(dollars i	n tho	usands) 401(k)Plan
		2005	2004
Additions:			
Contributions	\$	182,744	170,958
Investment income		142,760	152,410
Total additions		325,504	323,368
Deductions:			
Refunds		106,678	81,611
Administrative expenses		4,919	4,577
Total deductions		111,597	86,188
Increase in net assets	\$	213,907	237,180

to make after-tax contribution, while earnings may be withdrawn tax-free (for qualified distributions).

The plan is funded by participant contributions, rollovers, conversions from traditional IRAs and by investment earnings. This plan was implemented during the 2005 calendar year and has accumulated \$1.0 million since inception.

	457 Plan		Roth IRA Plan		Traditional IRA Plan		Total Defined Contribution Plans	
2005	2004	2005	2004	2005	2004	2005	2004	Percent Change
4,070	1,859	2	—	11		54,005	41,219	31.0%
226,466	211,662	1,025	_	6,547		2,292,806	2,065,678	11.0
5,553	5,315	25	_	119	_	74,119	58,194	27.4
236,089	218,836	1,052		6,677		2,420,930	2,165,091	11.8
5,553	5,315	25	_	119	_	74,119	58,194	27.4
505	250		_	2	_	4,735	3,071	54.2
6,058	5,565	25		121		78,854	61,265	28.7
230,031	213,271	1,027		6,556		2,342,076	2,103,826	11.3
6,058	5,565			2 121		78,854	61,265	28.7

457 Plan		Rot	Roth IRA Plan		Traditional IRA Plan		Total Defined Contribution Plans	
2005	2004	2005	2004	2005	2004	2005	2004	Percent Change
22,033	17,368	1,007	_	6,527	_	212,311	188,326	12.7%
14,891	17,118	53	_	353	_	158,057	169,528	(6.8)
36,924	34,486	1,060		6,880		370,368	357,854	3.5
19,633	16,937	33		315		126,659	98,548	28.5
531	497	—	—	9	—	5,459	5,074	7.6
20,164	17,434	33	_	324		132,118	103,622	27.5
16,760	17,052	1,027		6,556		238,250	254,232	(6.3)

#### **Traditional IRA**

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 funds into a Roth IRA.

The plan is funded by participant contributions, rollovers, and by investment earning. This plan was implemented during the 2005 calendar year and has accumulated \$6.6 million since inception.

# Basic Financial Statements

# Statements of Fiduciary Net Assets— Pension (and Other Employee Benefit) Trust Funds

December 31, 2005 With Comparative Totals for December 31, 2004 (in thousands)

	Noncontributory System	Contributory System	Public Safety System	Firefighters System	Judges System	
ssets:						
Cash	\$ 69	2	15	2	1	
Receivables:						
Member contributions	_	441	235	300	_	
Employer contributions	25,543	595	2,802	_	37	
Court fees and fire insurance tax	_	_	·	_	142	
Investments	599,481	43,986	74,936	29,645	4,893	
Total receivables	625,024	45,022	77,973	29,945	5,072	
Investments at fair value:						
Short-term securities, domestic	933,009	68,459	116,628	46,140	7,615	
Short-term securities, international	120,365	8,832	15,045	5,952	982	
Debt securities, domestic	2,733,543	200,572	341,696	135,181	22,309	
Debt securities, international	688,486	50,518	86,062	34,048	5,619	
Equity investments, domestic	5,079,799	372,728	634,982	251,209	41,458	
Equity investments, international	2,925,026	214,622	365,632	144,650	23,872	
Private equity	486,622	35,706	60,828	24,065	3,971	
Real estate	1,872,423	137,389	234,056	92,596	15,281	
Mortgage loans	5,462	401	682	270	45	
Investment contracts						
Total investments	14,844,735	1,089,227	1,855,611	734,111	121,152	
Invested securities lending collateral	1,894,493	139,007	236,815	93,688	15,462	
Property and equipment at cost,						
net of accumulated depreciation	2,394	176	300	118	20	
Total assets	17,366,715	1,273,434	2,170,714	857,864	141,707	
abilities:						
Securities lending collateral liability	1,894,493	139,007	236,815	93,688	15,462	
Disbursements in excess of cash balance	e 10,903	791	1,346	533	88	
Compensated absences, post employme	ent					
benefits and insurance reserve	9,252	679	1,157	457	76	
Investment accounts payable	874,277	64,145	109,276	43,231	7,135	
Real estate liabilities	685,351	50,287	85,669	33,893	5,593	
Total liabilities	3,474,276	254,909	434,263	171,802	28,354	
let assets held in trust for pension benefits	s					
(see supplemental schedules						
of funding progress, page 66)	\$13,892,439	1,018,525	1,736,451	686,062	113,353	

The accompanying notes are an integral part of the financial statements.

Defined Bene				Defined Co	ontribution Plans			
Utah Governors	Total Defined			<b>D</b>	-	Total Defined	Total Pe	nsion Trust Funds
and Legislators Retirement Plan	Benefit Pension Plans	401(k) Plan	457 Plan	Roth IRA Plan	Traditional IRA Plan	Contribution Plans	2005	2004
1	90	6,319	1,666	2	11	7,998	8,088	2,392
—	976		—	—	—	—	976	589
—	28,977	_	—	_	—	—	28,977	26,121
_	142			_	_		142	2,479
489	753,430	43,603	2,404			46,007	799,437	380,158
489	783,525	43,603	2,404			46,007	829,532	409,347
762	1,172,613						1,172,613	985,416
98	1,172,013	_	_	_	_	_	1,172,013	69,095
2,231	3,435,532	694,087	73,049	289	2,016	769,441	4,204,973	3,584,170
562	865,295						865,295	880,628
4,147	6,384,323	1,110,042	115,775	590	3,375	1,229,782	7,614,105	7,637,934
2,388	3,676,190	223,275	21,787	146	1,156	246,364	3,922,554	3,562,705
397	611,589						611,589	552,534
1,528	2,353,273		_	_		_	2,353,273	1,673,204
4	6,864	_	_	_	_	_	6,864	6,659
—	—	31,364	15,855	—	—	47,219	47,219	50,233
12,117	18,656,953	2,058,768	226,466	1,025	6,547	2,292,806	20,949,759	19,002,578
1,547	2,381,012	68,422	5,553	25	119	74,119	2,455,131	2,369,152
2	3,010	_	_	_	_	_	3,010	4,073
14,156	21,824,590	2,177,112	236,089	1,052	6,677	2,420,930	24,245,520	21,787,542
1,547	2,381,012	68,422	5,553	25	119	74,119	2,455,131	2,369,152
9	13,670	65	358	_	1	424	14,094	10,388
8	11,629						11,629	10,285
714	1,098,778	4,163	147		1	4,311	1,103,089	729,797
559	861,352						861,352	480,000
2,837	4,366,441	72,650	6,058	25	121	78,854	4,445,295	3,599,622
11,319	17,458,149	2,104,462	230,031	1,027	6,556	2,342,076	19,800,225	18,187,920

# Basic Financial Statements

# Statements of Changes in Fiduciary Net Assets— Pension (and Other Employee Benefit) Trust Funds Year Ended December 31, 2005

nparative Totals for Year Ended er 31, 2004	(in thousan					
	Noncontributory System	Contributory System	Public Safety System	Firefighters System	Judges System	
Additions:						
Contributions:						
Member	\$ 19,817	10,300	4,806	6,726	8	
Employer	406,795	10,357	61,326	_	792	
Court fees and fire insurance tax			_	9,601	1,605	
Total contributions	426,612	20,657	66,132	16,327	2,405	
Investment income:						
Net appreciation in fair						
value of investments	867,967	64,735	108,447	43,085	7,150	
Interest, dividends and other						
investment income	354,021	26,404	44,234	17,573	2,916	
Total investment income	1,221,988	91,139	152,681	60,658	10,066	
Less investment expenses	36,893	2,751	4,610	1,831	304	
Net investment income	1,185,095	88,388	148,071	58,827	9,762	
Transfers from affiliated systems		19,565	4,257	601	518	
Total additions	1,611,707	128,610	218,460	75,755	12,685	
Deductions:						
Retirement benefits	397,759	37,508	62,608	21,405	3,784	
Cost of living benefits	71,936	18,479	10,859	5,252	971	
Supplemental retirement benefits	—	1,113	574	612	—	
Refunds	3,189	1,800	1,026	72	—	
Administrative expenses	7,557	578	985	331	60	
Transfers to affiliated systems	24,957					
Total deductions	505,398	59,478	76,052	27,672	4,815	
Increase from operations	1,106,309	69,132	142,408	48,083	7,870	
Net assets held in trust for pension						
benefits beginning of year	12,786,130	949,393	1,594,043	637,979	105,483	
Net assets held in trust for pension						
benefits end of year	\$13,892,439	1,018,525	1,736,451	686,062	113,353	

The accompanying notes are an integral part of the financial statements.

		ontribution Plans	Defined Co				Defined Benefit Pension Plans		
nsion Trust Funds	Total Pe	Total Defined					Total Defined	Utah Governors	
2004	2005	Contribution Plans	Traditional IRA Plan	Roth IRA Plan	457 Plan	401(k) Plan	Benefit Pension Plans	and Legislators Retirement Plan	
223,064	253,968	212,311	6,527	1,007	22,033	182,744	41,657	_	
435,715	479,270	_	_	_	_	_	479,270	_	
10,467	11,206	—	—	—	—	—	11,206	—	
669,246	744,444	212,311	6,527	1,007	22,033	182,744	532,133	_	
1,709,151	1,247,972	155,858	357	53	14,183	141,265	1,092,114	730	
453,365	450,113	4,667	_	_	928	3,739	445,446	298	
2,162,516	1,698,085	160,525	357	53	15,111	145,004	1,537,560	1,028	
43,424	48,888	2,468	4	_	220	2,244	46,420	31	
2,119,092	1,649,197	158,057	353	53	14,891	142,760	1,491,140	997	
15,787	24,957	_	_	_	_		24,957	16	
2,804,125	2,418,598	370,368	6,880	1,060	36,924	325,504	2,048,230	1,013	
477 400	F22 (F0						F22 (F0	FOF	
477,426	523,659 107,657	_	_	_	_	_	523,659	595	
98,687 2,598	2,299	_	_	_	—	_	107,657 2,299	160	
105,593	132,746	126,659	315	33	19,633	106,678	6,087	_	
14,840	132,740	5,459	9		531	4,919	9,516	5	
15,787	24,957		_	_	_		24,957		
714,931	806,293	132,118	324	33	20,164	111,597	674,175	760	
2,089,194	1,612,305	238,250	6,556	1,027	16,760	213,907	1,374,055	253	
16,098,726	18,187,920	2,103,826			213,271	1,890,555	16,084,094	11,066	
18,187,920	19,800,225	2,342,076	6,556	1,027	230,031	2,104,462	17,458,149	11,319	

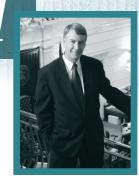
# Notes to the Basic Financial Statements

December 31, 2005

Note

# Description of Systems and Plans

A brief description of the Utah Retirement Systems (Systems) and 401(k), 457,



Roth and Traditional IRA Plans (Plans) 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 120 through 127.

#### A) General Information and Reporting Entity

**General** — The Utah Retirement Systems are comprised of the following pension trust funds:

- 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) four defined contribution plans comprised of the 401(k) Plan, 457 Plan, Roth and Traditional IRA Plans.

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.

#### **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

#### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### Summary of Benefits by System

	Noncontributory System	Contributory System	Public Safety Firefighters System 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 20 years age 60* 10 years age 62* 4 years age 65	20 years any age 10 years age 60 4 years age 65	25 years any age 20 years age 55* 10 years age 62 6 years age 70
Benefit percent per year of service**	2.0% per year all years	1.25% per year to June 1975 2.00% per year July 1975 to present	2.5% per year up to 20 years 2.0% per year over 20 years Benefit cannot exceed 70% of final average salary	5.00% first 10 years 2.25% second 10 years 1.00% over 20 years 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.

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 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 Plans at rates determined by the employers. There are 351 employers participating in the 401(k) Plan and 154 employers participating in the 457 Plan. There are 127,279 plan participants in the 401(k) Plan, 13,825 participants in the 457 Plan, 259 participants in the Roth IRA Plan and 118 participants in the Traditional IRA Plan.

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.

# Notes to Basic Financial Statements (Continued)

December 31, 2005

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. 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 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.

#### **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.

	Noncontributory System	Contributory System	Public Safety System	Firefighters System	Judges System	Utah Governors and Legislators Retirement Plan
Number of participating:						
Employers	401	161	120	48	1	1
Members:						
Active	85,637	3,198	7,239	1,636	108	88
Terminated vested	26,028	1,437	1,376	94	6	96
Retirees and beneficiaries:						
Service benefits	25,710	6,171	3,252	909	88	230
Disability benefits	—	4	16	65	_	

#### **Participating Members by System**

### Notes to Basic Financial Statements (Continued)

December 31, 2005

Note

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, 2005 participating members by System are included in the table on page 48.

# 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, Deposit and Investment Risk Disclosures, 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 66.

#### **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.

### Notes to Basic Financial Statements (Continued)

December 31, 2005

Investments are presented at fair value. 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 12% 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 12%, approximately 3% are U.S. Government debt securities and approximately 9% 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 to the right 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 years
Building improvements	10 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. Note

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# 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 feir when At Depember 21, 2005, the carrier

is also the market or fair value. At December 31, 2005, the carrying

Cash Deposits	(in	thou	usa	nds)
Cash			\$	8,088
Disbursements in excess of cash	n balan	ces	(1	14,094)
Total			\$	(6,006)

amount of deposits totaled approximately \$(6,006,000) and the corresponding bank balance was \$10,500,712 of which \$10,400,712 was exposed to custodial credit risk.

#### **B) Investments**

The upper 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, 2005 is AA+ and the fair value of below grade investments is \$51,912,067 or 1.25% of the domestic portfolio. The weighted quality rating average of the international debt securities investments, at December 31, 2005 is AA- and the fair value of below grade investments is \$6,675,428 or .77% of the international portfolio.

### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### Investments

at December 31. 2005	(in	thousands) Fair Value
Debt securities, domestic		\$ 3,471,621
Debt securities, international		400,941
Equity securities, domestic		5,794,377
Equity securities, international		3,672,021
Short-term securities pools		1,323,887
Mortgage loans:		
Collateralized loans		19
Real estate notes		6,846
Real estate		2,353,273
Alternative investments (venture capital)		611,590
Guaranteed investment contracts		47,219
Equity securities, domestic (pooled)		343,136
Mutual fund, international		246,364
Mutual fund, balanced		299,263
Investments held by broker-dealers		
under securities lending program:		
U.S. Government and agency securities		628,764
Corporate debt securities, domestic		104,586
Debt securities, international		464,353
Equity securities, domestic		1,177,330
Equity securities, international		4,169
Total investments		\$ 20,949,759
Securities lending collateral pool		\$ 2,455,131

<b>Debt Securities Inv</b>	estments at Fa	nir Value	
at December 31. 2005	(in the	ousands)	
Quality Rating	Domestic	International	Tota
AAA	\$ 1,302,330	405,237	1,707,567
AA+	71,805	_	71,805
AA	19,227	19,839	39,066
AA-	50,986	50,635	101,621
A+	68,219	5,413	73,632
A	58,119	55,026	113,145
A-	49,260	49,200	98,460
BBB+	53,742	24,575	78,317
BBB	83,375	41,827	125,202
BBB-	38,447	18,989	57,436
BB+	14,936	591	15,527
BB	7,403	644	8,047
BB-	22,170	1,876	24,046
B+		—	
В	11,034	—	11,034
B-	—	381	38
NR	11,305	3,184	14,489
Total credit risk			
debt securities	1,862,358	677,417	2,539,77
U.S. Government			
and Agencies	1,518,828	49,029	1,567,85
Pooled investments	823,787	138,849	962,630
Total debt securities			
investments	\$ 4,204,973	865,295	5,070,26

#### **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 investment or collateral securities that are in the possession of an outside party. At December 31, 2005 the following table represents the investments that have custodial credit risk.

Exposed to Custodial Credit Risk:	(in thousands)
Type of investment	Fair Value
Cash and cash equivalents	\$ 20,868

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

Type of investment		ir Value
Common stock	\$	720
Corporate bonds		2,521
Short term bills and notes		839
Cash and cash equivalents	(4	49,634)
	\$ (4	45,554)

#### **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

### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### **Debt Securities Investments, Domestic**

at December 31, 2005 (dollars	s i i	n thou	sands)
Investment		Fair Value	Effective Weighted Duration
Asset backed securities	\$	164,829	0.98
Commercial mortgage-backed		127,799	4.04
Convertible equity		2,217	NA
Corporate bonds		542,962	4.78
Corporate convertible bonds		171	NA
Fixed income derivatives — futures	161,	874	(0.29)
Fixed income derivative — options		674	189.70
Fixed income futures		(161,874	) NA
Government agencies		81,920	4.05
Government bonds		493,588	7.13
Government mortgage backed securities		1,505,962	3.84
Index linked government bonds		118,136	2.97
Municipal/provincial bonds		2,201	8.55
Non-government backed C.M.O.s		387,476	2.12
Other fixed income		7,598	NA
Pooled debt securities		769,440	NA
Total debt securities investments, domestic	\$ 4	4,204,973	4.14

#### 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, 2005 there were no single issuer investments that exceeded the above guidelines.

#### 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:

#### Debt Securities Investments, International

at December 31, 2005 (dollars	in thous Fair Value	ands) Effective Weighted Duration
Asset backed securities	\$ 15,915	2.28
Commercial mortgage backed	12,446	3.11
Corporate bonds	349,346	5.06
Fixed income derivatives — options	(30)	141.91
Government agencies	10,225	2.92
Government bonds	404,290	6.69
Government mortgage backed securities	45,422	3.41
Index linked government bonds	1,937	8.45
Municipal/provincial bonds	14,475	7.01
Non-government backed C.M.O.s	11,269	3.21
Total debt securities investments, international	\$ 865,295	5.83

- 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.

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, 2005 is 3.43 – 5.71 for domestic debt securities and 2.64 – 7.93 for international debt securities. At December 31, 2005, no individual debt security investment manager's portfolio was outside of the policy guidelines. At December 31, 2005 the foregoing tables show the investments by investment type, amount and the effective weighted duration.

#### Notes to Basic Financial Statements (Continued)

(in thousands)

December 31, 2005

#### Foreign Currency Risk

International Investment Securities at Fair Value at December 31, 2005

Currency	Short Term	Debt	Equity	Total
Argentine peso Australian dollar Brazilian real	\$    — (1,179) —	381 11,267 —	 60,098 6,785	381 70,186 6,785
Canadian dollar Danish krone Euro	50 3 37,276	4,305 2,706 265,709	31,461 14,778 807,334	35,816 17,487 1,110,319
Hong Kong dollar Japanese yen Mexican peso	131 11,636 340	 51,976 4,342	58,932 609,831 1,311	59,063 673,443 5,993
New Israeli shekel New Taiwan dollar New Zealand dollar	  18	2,619  2,271	2,263 7,122	2,619 2,263 9,411
Norwegian krone Poland zloty Pound sterling	1  (1,226)	3,564 64,153	15,851  527,088	15,852 3,564 590,015
Republic of Korea won Singapore dollar Swedish krona	 36 452	9,102  21,253	29,635 20,376 36,165	38,737 20,412 57,870
Swiss franc Thailand baht International equity mutua	495 	 2,251	226,968 —	227,463 2,251
fund (various currencies)		—	246,364	246,364
Total Securities subject to foreign currency risk	48,033	445,899	2,702,362	3,196,294
United States dollars (securities held by international investment				
managers)	103,241	419,396	1,220,192	1,742,829
Total international investment securities	\$ 151,274	865,295	3,922,554	4,939,123

#### **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:

 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 left.

#### **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 \$2,379,202,000 and the collateral received for those securities on loan was \$2,455,131,000. 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.

## Notes to Basic Financial Statements (Continued)

December 31, 2005

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, 2005 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, 2005 the Systems' and Plan's investments had the following futures balances:

#### Value Covered by Contract

Long—cash and cash equivalent—futures	\$ 104,485,150
Long-equity futures	736,323,579
Short-equity futures	(413,397,345)
Long-debt securities futures	767,163,381
Short-debt securities futures	(135,174,046)

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, 2005 the Systems' and Plans' investments included the following currency forwards balances:

#### Currency forwards

(pending foreign exchange purchases)\$	1,482,374,618
Currency forwards	
(pending foreign exchange sales)	(1,477,711,955)

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, 2005 the Systems' and Plans' investments had the following option balances:

	-
Cash and cash equivalent purchased call options\$	2,869,119
Cash and cash equivalent purchased put options	(13,236)
Fixed income written put options	(110,147)
Fixed income written call options	753,407

Value Covered by Contract

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. The credit default

# Notes to Basic Financial Statements (Continued)

Swaps

December 31, 2005

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, 2005 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 \$8,882,000, administrative expenses payable of \$3,922,000, investment purchases payable of \$1,084,591,000 and various real estate payables of \$5,693,000.

	Outstanding Notational Amount (Base Used to Calculate Interest)			Maturity Date	Fair Value
Interest Rate Swaps					
Morgan Stanley Interest Rate S	Swap \$ 20,	000,000	4.447%-LIBOR*	10/20/2014	\$ 498,161
Morgan Stanley Interest Rate S	Swap 37,	000,000	4.406%-LIBOR	11/1/2014	1,032,085
Morgan Stanley Interest Rate S	Swap 120,	000,000	4.163%-LIBOR	12/1/2011	3,748,409
Morgan Stanley Interest Rate S	Swap 38,	000,000	3.4675%-LIBOR	11/2/2007	878,275
Morgan Stanley Interest Rate S	Swap 48,	400,000	3.907%-LIBOR	3/1/2008	843,057
Morgan Stanley Interest Rate S	Swap 5,	200,000	4,4275%-LIBOR	4/1/2008	32,859
Morgan Stanley Interest Rate S	Swap 36,	612,500	4.4251%-LIBOR	6/1/2010	730,996
Morgan Stanley Interest Rate S	Swap 9,	500,000	4.057%-LIBOR	9/1/2010	280,469
Morgan Stanley Interest Rate S	Swap 4,	485,385	4.690%-LIBOR	3/1/2018	61,406
Morgan Stanley Interest Rate S	Swap 32,	600,000	5.046%-LIBOR	9/1/2015	(641,022)
Morgan Stanley Interest Rate S	Swap 41,	039,825	4.466%-LIBOR	10/1/2012	864,394
Morgan Stanley Interest Rate S	Swap 5,	762,331	4.3075%-LIBOR	1/1/2013	178,846
Morgan Stanley Interest Rate S	Swap 71,	700,000	4.722%-LIBOR	10/1/2020	1,156,694
Morgan Stanley Interest Rate S	Swap 26,	467,452	4.466%-LIBOR	10/1/2012	461,800
Merrill Lynch Interest Rate Swa	ap 11,	570,168	4.647%-LIBOR	10/1/2012	77,786
Morgan Stanley Interest Rate S	Swap 1,	099,248	4.730%-LIBOR	10/1/2012	77,898
Morgan Stanley Interest Rate S	Swap 32,	900,000	4.868%-LIBOR	1/4/2016	(145,076)
Merrill Lynch Interest Rate Swa	ap 51,	917,095	4.890%-LIBOR	12/31/2012	(375,382)
Morgan Stanley Interest Rate S	Swap 45,	500,000	4.845%-LIBOR	12/31/2010	(185,347)
Morgan Stanley Interest Rate S	Swap 6,	100,000	4.870%-LIBOR	12/31/2010	(23,062)
Morgan Stanley Interest Rate S	Swap 4,	869,065	4.748%-LIBOR	12/31/2010	7,800
Morgan Stanley Interest Rate S	Swap 9,	645,782	4.732%-LIBOR	12/29/2010	12,357
Total Interest Rate Swaps	\$ 660,	368,851			\$9,573,403

Credit Default Swaps Morgan Stanley Credit Default Swaps \$ 111,000,000

9/29/2008 \$ (727,390)

\*One month London Interbank Offered Rate (LIBOR)

Note

# Property and Equipment

#### Property and equipment consist of

the amounts shown in the following table as of December 31, 2005 and 2004. There were no significant leases as of December 31, 2005 or 2004.

(	'in thou	sands)
	2005	2004
Land	\$ 1,779	1,779
Buildings and building improvements	11,098	11,050
Furniture and equipment	3,170	3,326
Total property and equipment	16,047	16,155
Less accumulated depreciation:		
Buildings and building improvements	s 5,741	5,333
Furniture and equipment	2,594	2,652
Total accumulated depreciation	8,335	7,985
Less operating reserves	4,702	4,097
Net property and equipment	\$ 3,010	4,073

Note

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# 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 20% 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 calculations below were utilized in determining the actuarial value of assets as of January 1, 2005 and December 31, 2005, 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 66 and 67 of this report.

	<b>ilation</b> y 1, 2005	of Actuarial		Assets rs in the	ousands)	Decem	oer 31, 20	105	(dolla	rs in the	ousands)
1. Fair value of assets       \$         2. Deferral to smooth asset values based on (excess)/ shortfall of expected investment income for:				\$16,084,094	2. Def		f assets smooth asset va of expected inve		( <i>n</i>	\$17,458,149	
	Year	Total (Excess)/ Shortfall	Percent Deferred	Amount Deferred			Year	/(Total (Excess Shortfall	Percent Deferred	Amount Deferred	
a.	2004	\$ (804,065)	80%	\$(643,253)		a.	2005	\$(199,197)	80%	\$(159,358)	
b.	2003	(2,007,188)	60%	(1,204,316)		b.	2004	(804,065)	60%	(482,440)	
C.	2002	2,009,531	40%	803,811		С.	2003	(2,007,188)	40%	(802,875)	
d.	2001	1,765,658	20%	353,131		d.	2002	2,009,531	20%	401,905	
e.	2000	814,093	0%	0		е.	2001	1,765,658	0%	0	
f.	Total de	eferred gains			(690,627)	f.	Total de	eferred gains			(1,042,768
3. Act	uarial va	lue of assets av	ailable for	benefits	\$15,393,467	3. Acti	uarial va	lue of assets av	ailable for	benefits	\$16,415,381

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

### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### **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

Actuarial Value of Assets by System

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, 2005 is presented in Notes to Required Supplementary Information on page 69.

January 1, 2005	(in thousan	nds)				Utah Governors and	
	Noncontributory System	Contributory System	Public Safety System	Firefighters System	Judges System	Legislators Retirement Plan	Total All Systems
1. Net assets available for benefits at fair value	\$12,764,281	971,242	1,594,043	637,979	105,483	11,066	16,084,094
2. Deferral to smooth asset values based on (excess)/shortfall of expected investment							
income on fair value	(551,844)	(37,268)	(69,139)	(27,291)	(4,669)	(416)	(690,627)
3. Actuarial value of assets available for benefits	\$12,212,437	933,974	1,524,904	610,688	100,814	10,650	15,393,467

Note

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# 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 66 and 67.

The schedule below summarizes contribution rates in effect at December 31, 2005.

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 on page 60 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

1.11.11

The actuary recommended some increases and some decreases in contribution rates which became effective July 1, 2005.

Information with regard to contributions to the Retirement Systems for the year ended December 31, 2005 is indicated in the schedule on page 75.

Member contributions in the 401(k), 457, Roth and Traditional IRA Plans total \$212,311,000, which in combination with the member contributions made in the Retirement Systems total \$253,968,000.

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.

Contribution	Rates			
		Contribution Rates a	is a Percent of Cover	ed Payroll
System		Member	Employer	Other
Noncontributor	Ŷ		11.09-13.38%	_
Contributory		6.00%	7.08-8.89	_
Public Safety:	Noncontributory	—	19.34-32.52	_
	Contributory	10.50-13.74	7.95-19.96	_
Firefighters:	Division A	8.61	0.00	12.16%
	Division B	7.83	0.00	12.16
Judges:	Noncontributory	—	8.26	19.19
	Contributory	2.00	6.26	19.19
Governors and	Legislators			—

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

### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### **Required Contributions**

	(dolla	ars in	thousa	nds)							
		Contribution Requirements					Contributions Made				
	No	rmal Cost	Unfun (assets in	ided Cost i excess)	Total	Total		Member	En	nployer	
System	P Amount	ercent of Covered Payroll	Pe Amount	ercent of Covered Payroll	Required Contri- butions	Actual Contri- butions		ercent of Covered Payroll		cent of Covered Payroll	Covered Payroll
Noncontributory	\$388,353	12.27%	\$38,259	1.21%	\$426,612	\$426,612	\$19,817	0.63%	\$406,795	12.85%	\$3,165,504
Contributory	15,536	11.28	5,121	3.72	20,657	20,657	10,300	7.48	10,357	7.52	137,730
Public Safety	57,838	19.36	8,294	2.78	66,132	66,132	4,806	1.61	61,326	20.53	298,756
Firefighters	9,329	11.10	(2,603)	(3.10)	6,726	6,726	6,726	8.00	_	0.00	84,061
Judges	794	6.85	6	0.05	800	800	8	0.07	792	6.83	11,594
Governors											
and Legislators	_	0.00	—	0.00	_	—	—	0.00	_	0.00	887
Total	\$471,850		\$49,077		\$520,927	\$520,927	\$41,657		\$479,270		\$3,698,532



# Transfers To or From Affiliated System

Asset transfers to or from affiliated systems are for the purpose of spreading employer ontribution 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

# Supplemental Benefits

In the past, the Utah State legislature appropriated funds as supplemental retirement 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

# Litigation

The Systems are involved in various claims and legal actions arising in the ordinary 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.

Note

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# Commitments

At December 21, 2005, the Systems had committed to fund certain private equity partnerships and real estate projects for an amount of \$3,143,956,914. Funding of \$1,948,419,354 had been provided by December 31, 2005 leaving an unfunded commitment as of December 31, 2005 of \$1,195,537,560 which will be funded over the next five years.

# Pension Plan 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 13.8% 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, 2005, 2004, and 2003 were \$1,185,475, \$1,035,931, and \$888,998 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, 2005, 2004, 2003 are

# Notes to Basic Financial Statements (Continued)

December 31, 2005

\$360,012, \$292,707, \$283,851, respectively; the employee contributions for the years ending December 31, 2005, 2004, 2003 are: \$438,087, \$421,800, and \$402,892, 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.

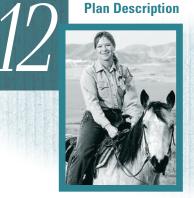
**457** *Plan* —The Utah Retirement Systems also offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all employees, permits them to defer a portion of their salary until future years. Employees are eligible to voluntarily 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, 2005, 2004, 2003 are: \$269,628, \$269,033, and \$196,864 respectively.

**Roth and Traditional IRAs** — Utah Retirement Systems offers it employees two tax advantaged saving 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 2005 the employee contributions are \$32,433 for the Roth IRA Plan and \$5,983 for the traditional IRA Plan.

# Post Employment Healthcare Plan

# Note



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 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.

#### Notes to Basic Financial Statements (Continued)

December 31, 2005

#### **Annual Costs**

For the calendar year ending December 31, 2005 the annual cost (expense) of \$ 220,000 for UREPEHP was equal to the ARC. The net Other Post Employment Benefits (OPEB) obligation for 2005 was as follows:

Year Ended	Annual Required Contributions	Percentage Contributed	Net OPEB Obligation
12/31/05	\$ 220,000	100%	\$ 0

#### **Funded Status and Funding Progress**

The funded status of the plan as of December 31, 2005, was as follows:

Actuarial accrued liability (AAL) Actuarial value of plan assets	\$ 5,289,000 3,506,000
Unfunded actuarial accrued liability (UAAL)	1,783,000
Funded ratio (actuarial value of plan assets/A Covered salaries and wages (active plan members) UAAL as a percentage of covered salaries	,
and wages	20.5%

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, presented 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, 2004 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.

#### **Schedule of Funding Progress**

(dollars in thousands) Based on fair value of assets									
Division	Daseu o Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2) - (1)	(4) Funding Ratios (1) / (2)	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3) / (5)		
URS Employees*	12/31/04 12/31/05	\$3,089 3,506	4,913 5,289	1,824 1,783	62.9% 66.3	\$8,124 8,709	22.5% 20.5		

\*Additional years will be added as they become available.

#### Schedule of Required Contributions

( d )	ollars in	n thousa	nds)
Year Ended*	Annual Required Contributions	Percentage Contributed	Net OPEB Obligation
12/31/05	\$220	100%	\$ 0

\*Additional years will be added as they become available. Note

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# Compensated Absences, Post Employment Benefits and Insurance Reserve

The compensated absences liability for Utah Retirement Office employees at

December 31, 2005, is \$2,401,000. This represents the amount of unused, leave to be paid to employees upon termination. At December 31, 2005 the insurance reserve was \$5,466,000. The insurance reserve coverage is explained in Note 15, Risk Management.

# Required Supplementary Information

The historical trend information designed to provide information about theUtah 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 66 through 69. 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.

# <sup>Note</sup> 15

# **Risk Management**

Note

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

#### **Utah Retirement Systems**

Notes to Basic Financial Statements (Continued) December 31, 2005

# **Real Estate Liabilities**

The real estate liabilities consist of three 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, 2005 there are \$760 million in credit facility debt and \$660 million in interest rate swaps. Using interest rates as of December 31, 2005, principal and interest requirements of the debt and net swap payments for the term of the debt and swap are as follows.

#### **Real Estate Liabilities**

(dollars in thousands)

	Initial/Affected Balance	Interest/Payment Rate	Maturity Date	Annual Payment
BNP Paribas Credit Facility	\$ 425,000	LIBOR* + 0.15%	3/23/2010	Interest Only
JPMorgan Chase Credit Facility	235,000	LIBOR* + 0.25%	5/9/2006	Interest Only
KBC Bank Credit Facility	100,000	LIBOR* + 0.20%	12/15/2010	Interest Only
Private Placement Notes:				
Allstate Insurance Co.	5,000	4.86%	7/1/2011	Interest Only
Allstate Insurance Co.	5,000	4.86%	7/1/2011	Interest Only
Allstate Insurance Co.	5,000	4.86%	7/1/2011	Interest Only
Allstate Insurance Co.	5,000	4.86%	7/1/2011	Interest Only
State Farm Life Insurance Co.	35,487	4.86%	7/1/2016	4,296
State Farm Life & Acc. Assur. Co.	910	4.86%	7/1/2016	110
Northwestern Mutual Life Ins. Co.	20,000	5.38%	7/1/2014	Interest Only
Modern Woodment of America	7,000	5.38%	7/1/2014	Interest Only
Granite Park Mortgage Payable	17,956	6.03%	1/15/2013	1,473
Total	\$ 861,353			

\* One month London Interbank Offered Rate (LIBOR)

	in thousands)			
Year Ending December 31,	Total Principal Payments	Total Interest Payments*	Net Swap Pauments*	Total
2006	\$ 238,098	33,239	270	271,607
2007	3,257	29,264	360	32,881
2008	3,424	29,097	847	33,368
2009	3,600	28,921	886	33,407
2010	528,784	13,377	925	543,086
2011-2015	69,047	12,925	3,521	85,493
2016-2020	\$ 15,144	1,534	1,162	17,840

\* Interest calculated using December 31, 2005 LIBOR rate of 4.39% for variable interest loans and swaps

# Required Supplementary Information

# Schedules of Funding Progress

	(dollars	in thousand	· (2)	(-)			(6)
System	Date	(1) Actuarial Value of Assets	Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) Funded Ratios (1)/(2)	(5) Annual Covered Payroll	UAAL as a % of Covered Payroll (3)/(5)
Noncontributory	1/01/97	\$ 5,969,813	6,917,958	948,145	86.3%	\$2,054,879	46.1%
Retirement	1/01/98	6,922,583	7,654,335	731,752	90.4	2,200,988	33.2
System	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
	12/31/05	13,065,512	14,166,548	1,101,036	92.2	3,165,504	34.8
Contributory	1/01/97	\$ 772,977	868,723	95,746	89.0%	\$ 141,974	67.4%
Retirement	1/01/98	809,388	880,499	71,111	91.9	138,231	51.4
System	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
	12/31/05	955,390	1,047,544	92,154	91.2	137,730	66.9
Public Safety	1/01/97	\$ 755,106	866,504	111,398	87.1%	\$ 176,979	62.9%
Retirement	1/01/98	867,151	952,100	84,949	91.1	195,464	43.5
System	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
	12/31/05	1,633,022	1,851,635	218,613	88.2	298,756	73.2

See accompanying notes to required supplementary information.

# Required Supplementary Information (Continued)

# Schedules of Funding Progress (Continued)

	(dollars	in thousan					(0)
System	Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) Funded Ratios (1)/(2)	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Firefighters	1/01/97	\$329,475	362,411	32,936	90.9%	\$45,969	71.6%
Retirement	1/01/98	376,178	384,975	8,797	97.7	51,287	17.2
System	1/01/99	423,405	407,703	(15,702)	103.9	54,326	(28.9)
-	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)
	12/31/05	644,496	617,088	(27,408)	104.5	84,061	(32.6)
Judges	1/01/97	\$ 50,721	60,055	9,334	84.5%	\$ 8,981	103.9%
Retirement	1/01/98	59,373	62,406	3,033	95.1	9,286	32.7
System	1/01/99	67,998	67,211	(787)	101.2	9,388	(8.4)
-	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
	12/31/05	106,374	110,667	4,293	96.1	11,594	37.0
Utah Governors	1/01/97	\$ 8,636	7,020	(1,616)	123.0%	\$ 482	(335.3)%
and Legislators	1/01/98	9,318	6,998	(2,320)	133.2	468	(495.7)
<b>Retirement Plan</b>	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)
	12/31/05	10,587	8,662	(1,925)	122.2	887	(217.0)

(dollars in thousands)

See accompanying notes to required supplementary information.

# Utah Retirement Systems Required Supplementary Information (Continued)

# Schedules of Employer Contributions

		Employe	r Contributions
System	Year Ended	Annual Required Contributions	Percentage Contributed
Noncontributory	1996	\$260,068	100%
Retirement	1997	294,937	100
System	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
Contributory	1996	\$ 10,224	100%
Retirement	1997	10,651	100
System	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
Public Safety	1996	\$ 29,271	100%
Retirement	1997	34,217	100
System	1998	40,099	100
	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

		<b>Employer Contributions</b>			
System	Year Ended	Annual Required Contributions	Percentage Contributed		
Firefighters	1996	\$6,335	100%		
Retirement	1997	7,388	100		
System	1998	6,937	100		
	1999	5,737	100		
	2000	6,755	100		
	2001	8,354	100		
	2002	9,454	100		
	2003	9,059	100		
	2004	8,659	100		
	2005	9,601	100		
Judges	1996	\$2,731	100%		
Retirement	1997	3,206	100		
System	1998	3,704	100		
	1999	3,318	100		
	2000	3,422	100		
	2001	3,053	100		
	2002	2,853	100		
	2003	2,490	100		
	2004	2,531	100		
	2005	2,397	100		
Governors	1996	\$ 0	100%		
and Legislators	1997	0	100		
Retirement Plan	1998	0	100		
	1999	0	100		
	2000	0	100		
	2001	0	100		
	2002	0	100		
	2003	0	100		
	2004	0	100		
	2005	0	100		

See accompanying notes to required supplementary information.

# Notes to Required Supplementary Information

December 31, 2005



#### Schedules of Funding Progress

The information contained in the schedule of funding progress is based on the actuarial study dated January 1, 2005 and calendar

year 2005 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 57.

#### Additional Actuarial Information



#### **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.

Covernere

	Noncontributory	Contributory	Public Safety	Firefighters	Judges	Governors and Legislators	
Valuation date	1/1/05	1/1/05	1/1/05	1/1/05	1/1/05	1/1/05	
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	Open Group	Open Group	Open Group	Open Group	Open Group	
	20 Year Open Period	20 Year Open Period	20 Year Open Period	20 Year Open Period	20 Year Open Period	20 Year Open Period	
Actuarial asset valuation method (All Systems under same method.)	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.						
Actuarial assumptions: Investment rate of return Projected salary increases Inflation rate	8% 4.75-15.00% 3.00%	8% 4.75-15.00% 3.00%	8% 4.75-10.75% 3.00%	8% 4.75-11.75% 3.00%	8% 4.75% 3.00%	8% None 3.00%	

NOTE: 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 Assets— Pension Trust Fund by Division

December 31, 2005 With Comparative Totals for December 31, 2004

	loca	Local State and		Total All Divisions		
	Governmen		2005	2004		
Assets:						
Cash	\$ 1	68	69	142		
Receivables:						
Employer contributions	3,785	21,758	25,543	23,672		
Investments	100,643	498,838	599,481	271,204		
Total receivables	104,428	520,596	625,024	294,876		
Investments at fair value:						
Short-term securities, domestic	156,637	776,372	933,009	783,333		
Short-term securities, international	20,207	100,158	120,365	54,925		
Debt securities, domestic	458,919	2,274,624	2,733,543	2,284,410		
Debt securities, international	115,586	572,900	688,486	700,035		
Equity investments, domestic	852,818	4,226,981	5,079,799	5,183,525		
Equity investments, international	491,066	2,433,960	2,925,026	2,682,780		
Private equity	81,696	404,926	486,622	439,223		
Real estate	314,350	1,558,073	1,872,423	1,330,076		
Mortgage loans	917	4,545	5,462	5,293		
Total investments	2,492,196	12,352,539	14,844,735	13,463,600		
Invested securities lending collateral	318,055	1,576,438	1,894,493	1,837,043		
Property and equipment at cost,						
net of accumulated depreciation	402	1,992	2,394	3,236		
Total assets	2,915,082	14,451,633	17,366,715	15,598,897		
Liabilities:						
Securities lending collateral liability	318,055	1,576,438	1,894,493	1,837,043		
Disbursements in excess of cash balance	1,809	9,094	10,903	8,102		
Compensated absences, post employment						
benefits and insurance reserve	1,553	7,699	9,252	8,176		
Investment accounts payable	146,765	727,512	874,277	577,881		
Real estate liabilities	115,060	570,291	685,351	381,565		
Total liabilities	583,242	2,891,034	3,474,276	2,812,767		
Net assets held in trust for pension benefits	\$ 2,331,840	11,560,599	13,892,439	12,786,130		

#### (in thousands)

### Noncontributory Retirement System

# Schedules of Changes in Fiduciary Net Assets— Pension Trust Fund by Division

Year Ended December 31, 2005

With Comparative Totals for Year Ended December 31, 2004

	land	State and		Total All Divisions	
	Local Government	State and School	2005	2004	
Additions:					
Contributions:					
Member	\$ 2,969	16,848	19,817	14,377	
Employer	79,179	327,616	406,795	369,109	
Total contributions	82,148	344,464	426,612	383,486	
Investment income:					
Net appreciation in fair value of investments	145,052	722,915	867,967	1,224,011	
Interest, dividends and other investment income	59,163	294,858	354,021	356,378	
Total investment income	204,215	1,017,773	1,221,988	1,580,389	
Less investment expenses	6,165	30,728	36,893	32,784	
Net investment income	198,050	987,045	1,185,095	1,547,605	
Transfers from affiliated systems	_	_		10,583	
Total additions	280,198	1,331,509	1,611,707	1,941,674	
Deductions:					
Retirement benefits	56,762	340,997	397,759	360,819	
Cost of living benefits	9,476	62,460	71,936	64,078	
Refunds	924	2,265	3,189	3,029	
Administrative expenses	1,212	6,345	7,557	7,758	
Transfers to affiliated systems	9,437	15,520	24,957	—	
Total deductions	77,811	427,587	505,398	435,684	
Increase from operations	202,387	903,922	1,106,309	1,505,990	
Net assets held in trust for pension benefits					
beginning of year	2,129,453	10,656,677	12,786,130	11,280,140	
Net assets held in trust for pension benefits end of year	\$ 2,331,840	11,560,599	13,892,439	12,786,130	

### (in thousands)

# Noncontributory Retirement System Schedules of Funding Progress by Division

Division	Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) Funded Ratios (1)/(2)	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Noncontributory	1/01/97	\$ 930,817	987,043	56,226	94.3%	\$ 394,828	14.2%
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
	12/31/05	2,194,630	2,301,835	107,205	95.3	718,228	14.9
Noncontributory	1/01/97	\$ 5,038,996	5,930,915	891,919	85.0%	\$1,660,051	53.7%
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
	12/31/05	10,870,882	11,864,713	993,831	91.6	2,447,276	40.6
Total	1/01/97	\$ 5,969,813	6,917,958	948,145	86.3%	\$ 2,054,879	46.1%
Noncontributory	1/01/98	6,922,583	7,654,335	731,752	90.4	2,200,988	33.2
Retirement	1/01/99	7,931,193	8,335,731	404,538	95.1	2,365,650	17.1
System	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
	12/31/05	13,065,512	14,166,548	1,101,036	92.2	3,165,504	34.8

# Noncontributory Retirement System Schedules of Employer Contributions by Division

		E	mployer Contributions
Division	Year Ended	Annual Required Contributions	Percentage Contributed
Noncontributory	1996	\$ 37,215	100%
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
Noncontributory	1996	\$222,853	100%
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
Total	1996	\$260,068	100%
Noncontributory	1997	294,937	100
Retirement	1998	318,635	100
System	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

# Contributory Retirement System

# Schedules of Fiduciary Net Assets— Pension Trust Fund by Division

December 31, 2005 With Comparative Totals for December 31, 2004

	l l	Ctata and	Total All Divisions		
	Local Government	State and School	2005	2004	
Assets:					
Cash	\$ 1	1	2	2	
Receivables:					
Member contributions	196	245	441	339	
Employer contributions	232	363	595	479	
Investments	13,521	30,465	43,986	20,157	
Total receivables	13,949	31,073	45,022	20,975	
Investments at fair value:					
Short-term securities, domestic	21,044	47,415	68,459	58,222	
Short-term securities, international	2,715	6,117	8,832	4,082	
Debt securities, domestic	61,655	138,917	200,572	169,789	
Debt securities, international	15,529	34,989	50,518	52,030	
Equity investments, domestic	114,575	258,153	372,728	385,267	
Equity investments, international	65,974	148,648	214,622	199,398	
Private equity	10,976	24,730	35,706	32,645	
Real estate	42,233	95,156	137,389	98,858	
Mortgage loans	123	278	401	394	
Total investments	334,824	754,403	1,089,227	1,000,685	
Invested securities lending collateral	42,730	96,277	139,007	136,539	
Property and equipment at cost,					
net of accumulated depreciation	54	122	176	241	
Total assets	391,558	881,876	1,273,434	1,158,442	
Liabilities:					
Securities lending collateral liability	42,730	96,277	139,007	136,539	
Disbursements in excess of cash balance	243	548	791	602	
Compensated absences, post employment benefits					
and insurance reserve	209	470	679	608	
Investment accounts payable	19,718	44,427	64,145	42,940	
Real estate liabilities	15,458	34,829	50,287	28,360	
Total liabilities	78,358	176,551	254,909	209,049	
Net assets held in trust for pension benefits	\$ 313,200	705,325	1,018,525	949,393	

### (in thousands)

### Contributory Retirement System

# Schedules of Changes in Fiduciary Net Assets— Pension Trust Fund by Division

Year Ended December 31, 2005

With Comparative Totals for Year Ended December 31, 2004

	Local	State and		Total All Divisions	
	Government	School	2005	2004	
Additions:					
Contributions:					
Member	\$ 4,201	6,099	10,300	9,023	
Employer	4,238	6,119	10,357	9,564	
Total contributions	8,439	12,218	20,657	18,587	
Investment income:					
Net appreciation in fair value of investments	19,702	45,033	64,735	92,839	
Interest, dividends and other investment income	8,036	18,368	26,404	26,988	
Total investment income	27,738	63,401	91,139	119,827	
Less investment expenses	837	1,914	2,751	2,487	
Net investment income	26,901	61,487	88,388	117,340	
Transfers from affiliated systems	7,593	11,972	19,565	_	
Total additions	42,933	85,677	128,610	135,927	
Deductions:					
Retirement benefits	9,206	28,302	37,508	36,620	
Cost of living benefits	3,507	14,972	18,479	19,041	
Supplemental retirement benefits	142	971	1,113	1,331	
Refunds	663	1,137	1,800	2,945	
Administrative expenses	175	403	578	618	
Transfers to affiliated systems	_	—	_	15,787	
Total deductions	13,693	45,785	59,478	76,342	
Increase from operations	29,240	39,892	69,132	59,585	
Net assets held in trust for pension					
benefits beginning of year	283,960	665,433	949,393	889,808	
Net assets held in trust for pension benefits end of year	\$ 313,200	705,325	1,018,525	949,393	

### (in thousands)

# Contributory Retirement System Schedules of Funding Progress by Division

Division	Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) Funded Ratios (1)/(2)	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Contributory	1/01/97	\$ 191,393	218,534	27,141	87.6%	\$ 54,829	49.5%
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
	12/31/05	294,311	323,869	29,558	90.9	60,616	48.8
Contributory	1/01/97	\$ 581,584	650,189	68,605	89.4%	\$ 87,145	78.7%
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
	12/31/05	661,079	723,675	62,596	91.4	77,114	81.2
Total	1/01/97	\$ 772,977	868,723	95,746	89.0%	\$141,974	67.4%
Contributory	1/01/98	809,388	880,499	71,111	91.9	138,231	51.4
Retirement	1/01/99	840,215	891,983	51,768	94.2	137,042	37.8
System	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
	12/31/05	955,390	1,047,544	92,154	91.2	137,730	66.9

### Contributory Retirement System

# Schedules of Employer Contributions by Division

		E	mployer Contributions
Division	Year Ended	Annual Required Contributions	Percentage Contributed
Contributory	1996	\$ 3,009	100%
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
Contributory	1996	\$ 7,215	100%
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
Total	1996	\$10,224	100%
Contributory	1997	10,651	100
Retirement	1998	10,729	100
System	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

# Public Safety Retirement System Schedules of Fiduciary Net Assets— Pension Trust Fund by Division

December 31, 2005

With Comparative Totals for December 31, 2004

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State of Utah Public Safety \$ 2 3	Other Division A (with Social Security) 2	Salt Lake City	
	2	2	
	2	2	
3			
3			
	148	1	
852	1,217	292	
27,208	30,667	6,904	
28,063	32,032	7,197	
42,346	47,730	10,745	
5,463	6,157	1,386	
124,065	139,839	31,482	
31,248	35,221	7,929	
230,553	259,866	58,504	
132,756	149,635	33,687	
22,086	24,894	5,604	
84,982	95,787	21,565	
248	279	63	
673,747	759,408	170,965	
85,984	96,916	21,819	
109	122	28	
787,905	888,480	200,011	
85,984	96,916	21,819	
489	551	124	
420	473	107	
39,677	44,721	10,068	
31,105	35,060	7,893	
157,675	177,721	40,011	
\$ 630,230	710,759	160,000	
	852         27,208         28,063         42,346         5,463         124,065         31,248         230,553         132,756         22,086         84,982         248         673,747         85,984         109         787,905         85,984         420         39,677         31,105         157,675	8521,21727,20830,66728,06332,03242,34647,7305,4636,157124,065139,83931,24835,221230,553259,866132,756149,63522,08624,89484,98295,787248279673,747759,40885,98496,916109122787,905888,48085,98496,91639,67744,72131,10535,060157,675177,721	8521,21729227,20830,6676,90428,06332,0327,19742,34647,73010,7455,4636,1571,386124,065139,83931,48231,24835,2217,929230,553259,86658,504132,756149,63533,68722,08624,8945,60484,98295,78721,56524827963673,747759,408170,96585,98496,91621,81910912228787,905888,480200,01185,98496,91621,81912912442047310739,67744,72110,06831,10535,0607,893157,675177,72140,011

			Other Division B		Total All Divisions
Provo	Logan	Bountiful	(Without Social Security)	2005	2004
1	2	2	2	15	15
23	8		50	235	103
		26			1,939
					33,830
1,234	709		5,000	74,930	33,830
1,278	728	641	6,075	77,973	35,872
1.000	1 10 4	050	0.040	11 6 620	0 = =1 0
					97,713
					6,852
					284,956
					87,323
					646,589
					334,648
					54,790
					165,912
11	6	6	52	682	660
30,547	17,558	15,216	140,794	1,855,611	1,679,443
3,899	2,241	1,942	17,968	236,815	229,152
5	3	2	23	300	405
35,730	20,532	17,803	164,862	2,170,714	1,944,887
3,899	2,241	1,942	17,968	236,815	229,152
22	13	11	102	1,346	1,010
19	11	9	88	1.157	1,020
					72,066
1,410	811	703	6,500	85,669	47,596
7,149	4,110	3,561	32,949	434,263	350,844
28,581	16,422	14,242	131,913	1,736,451	1,594,043
	1         23         21         1,234         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,278         1,920         248         5,625         1,417         10,453         6,019         1,001         3,853         11         30,547         3,899         5         35,730         3,899         22         19         1,799         1,410         7,149	1         2           23         8           21         11           1,234         709           1,278         728           1,920         1,104           248         142           5,625         3,233           1,417         814           10,453         6,008           6,019         3,460           1,001         576           3,853         2,215           11         6           30,547         17,558           3,899         2,241           5         3           3,899         2,241           1         6           30,547         17,558           3,899         2,241           5         3           3,899         2,241           1         5           3,899         2,241           13         19           1,799         1,034           1,410         811           7,149         4,110	122238-2111261,2347096151,2787286411,9201,1049562481421235,6253,2332,8021,41781470610,4536,0085,2076,0193,4602,9981,0015764993,8532,2151,919116630,54717,55815,2163,8992,2411,94253235,73020,53217,8033,8992,2411,942191191,7991,0348961,4108117037,1494,1103,561	ProvoLoganBountifulBountifulSocial Security)1222238522111263371,2347096155,6861,2787286416,0751,9201,1049568,8492481421231,1425,6253,2332,80225,9261,4178147066,53010,4536,0085,20748,1796,0193,4602,99827,7421,0015764994,6153,8532,2151,91917,75911665230,54717,55815,216140,7943,8992,2411,94217,9685322335,73020,53217,803164,8623,8992,2411,94217,9681,7991,0348968,2911,4108117036,5007,1494,1103,56132,949	Provo         Logan         Bountiful         Social Security)         2005           1         2         2         2         15           23         8          52         235           21         11         26         337         2,802           1,234         709         615         5,686         74,936           1,278         728         641         6,075         77,973           1,920         1,104         956         8,849         116,628           248         142         123         1,142         15,045           5,625         3,233         2,802         25,926         341,696           1,417         814         706         6,530         86,062           10,453         6,008         5,207         48,179         634,982           6,019         3,460         2,998         27,742         366,632           1,001         576         499         4,615         60,828           3,853         2,215         1,919         17,759         234,056           11         6         6         52         682           30,547         17,558         15,216

# Public Safety Retirement System Schedules of Changes in Fiduciary Net Assets— Pension Trust Fund by Division

Year Ended December 31, 2005

With Comparative Totals for Year Ended December 31, 2004

	State of Utah Public Safety	Other Division A (with Social Security)	Salt Lake City	
Additions:				
Contributions:				
Member	\$ 322	2,595	113	
Employer	21,340	24,049	7,424	
Total contributions	21,662	26,644	7,537	
Investment income:				
Net appreciation in fair value of investments	39,398	44,450	10,029	
Interest, dividends and other investment income	16,070	18,130	4,091	
Total investment income	55,468	62,580	14,120	
Less investment expenses	1,675	1,889	426	
Net investment income	53,793	60,691	13,694	
Transfers (to) from affiliated systems	4,206	(2,694)	554	
Total additions	79,661	84,641	21,785	
Deductions:				
Retirement benefits	23,988	22,878	7,977	
Cost of living benefits	4,206	3,538	2,000	
Supplemental retirement benefits	306	163	70	
Refunds	76	663	—	
Administrative expenses	360	382	107	
Total deductions	28,936	27,624	10,154	
Increase from operations	50,725	57,017	11,631	
Net assets held in trust for pension benefits beginning of year	579,505	653,742	148,369	
Net assets held in trust for pension benefits end of year	\$630,230	710,759	160,000	

### (in thousands)

				Other Division B		Total All Divisions
Ogden	Provo	Logan	Bountiful	(without) Social Security)	2005	2004
—	685	224	—	867	4,806	5,038
1,170	565	271	339	6,168	61,326	56,319
1,170	1,250	495	339	7,035	66,132	61,357
2,816	1,794	1,030	886	8,044	108,447	152,469
1,149	732	420	361	3,281	44,234	44,398
3,965	2,526	1,450	1,247	11,325	152,681	196,867
120	76	44	38	342	4,610	4,083
3,845	2,450	1,406	1,209	10,983	148,071	192,784
147	39	32	185	1,788	4,257	4,002
5,162	3,739	1,933	1,733	19,806	218,460	258,143
2,374	1,086	580	361	3,364	62,608	56,047
430	251	86	73	275	10,859	9,670
21	10	1	3	_	574	612
_	225	_	_	62	1,026	960
27	17	9	7	76	985	978
2,852	1,589	676	444	3,777	76,052	68,267
2,310	2,150	1,257	1,289	16,029	142,408	189,876
41,994	26,431	15,165	12,953	115,884	1,594,043	1,404,167
44,304	28,581	16,422	14,242	131,913	1,736,451	1,594,043

# Public Safety Retirement System Schedules of Funding Progress by Division

Division	Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) (5) Funded Annual Ratios Covered (1)/(2) Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Public Safety State of Utah	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$278,328 318,711 363,057 419,682 470,153 501,970 491,499 526,545 554,342 592,472	334,751 363,551 391,061 415,815 452,131 508,897 536,944 565,809 630,095 674,615	$56,423 \\ 44,840 \\ 28,004 \\ (3,867) \\ (18,022) \\ 6,927 \\ 45,445 \\ 39,264 \\ 75,753 \\ 82,143$	83.1%\$ 64,85787.769,65292.874,094100.977,352104.083,67498.688,52391.590,78293.191,54088.097,65487.894,611	87.0% 64.4 37.8 (5.0) (21.5) 7.8 50.1 42.9 77.6 86.8
Public Safety Other Division A (with Social Security)	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 306,419 352,448 402,408 467,856 526,386 564,325 553,911 594,020 625,506 668,555	311,406 344,437 380,864 407,837 450,645 518,791 558,141 603,281 669,261 718,848	$\begin{array}{c} 4,987\\ (8,011)\\ (21,544)\\ (60,019)\\ (75,741)\\ (45,534)\\ 4,230\\ 9,261\\ 43,755\\ 50,293\end{array}$	98.4%\$ 71,915102.379,944105.789,257114.797,056116.8109,941108.8115,48299.2118,50798.5125,61793.5132,23893.0136,367	$\begin{array}{r} 6.9\% \\ (10.0) \\ (24.1) \\ (61.8) \\ (68.9) \\ (39.4) \\ 3.6 \\ 7.4 \\ 33.1 \\ 36.9 \end{array}$
Public Safety Salt Lake City	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 80,299 90,670 101,349 115,568 127,803 135,031 129,690 138,148 142,134 150,347	$120,767 \\130,903 \\136,236 \\143,223 \\148,910 \\158,626 \\168,084 \\176,136 \\187,740 \\197,608$	40,468 40,233 34,887 27,655 21,107 23,595 38,394 37,988 45,606 47,261	66.5%         \$ 13,804           69.3         16,069           74.4         16,355           80.7         17,224           85.8         17,883           85.1         18,579           77.2         19,305           78.4         20,380           75.7         20,672           76.1         22,778	293.2% 250.4 213.3 160.6 118.0 127.0 198.9 186.4 220.6 207.5
Public Safety Ogden	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 24,767 27,838 31,038 35,220 38,652 40,505 38,568 40,214 40,288 41,541	30,598 31,691 34,191 36,839 38,128 40,331 42,649 44,245 47,666 49,652	5,831 3,853 3,153 1,619 (524) (174) 4,081 4,031 7,378 8,111	80.9%         \$ 3,629           87.8         3,899           90.8         4,126           95.6         4,442           101.4         4,513           100.4         4,763           90.9         5,120           84.5         5,167           83.7         4,842	$160.7\% \\98.8 \\76.4 \\36.4 \\(11.6) \\(3.7) \\80.7 \\78.7 \\142.8 \\167.5$
Public Safety Provo	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 12,955 14,904 16,906 19,601 22,045 23,568 22,875 24,546 25,302 26,857	17,344 18,311 20,036 21,478 23,608 25,176 26,434 28,009 30,072 31,921	4,389 3,407 3,130 1,877 1,563 1,608 3,559 3,463 4,770 5,064	74.7%\$ 3,16081.43,53284.43,74091.34,06993.44,44693.64,36586.54,51287.64,48284.14,40284.14,626	138.9% 96.5 83.7 46.1 35.2 36.8 78.9 77.3 108.4 109.5

# Public Safety Retirement SystemSchedules of Funding Progress by Division (Continued)

Division	Date	Va	(1) cuarial llue of Assets	(2 Actuaria Accrue Liabilit (AAI Entry Ag	al (3) d Unfunded ty AAL L) (UAAL)	(4) Funded Ratios	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Public Safety Logan	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	8 9 11 12 13 13 13 14	,352 ,397 ,542 ,086 ,462 ,375 ,099 ,826 ,510 ,432	7,749 8,353 9,066 9,893 11,22 12,422 13,689 14,599 16,234 17,330	8 (39 6 (476 8 (1,188 1 (1,241 2 (953 5 586 9 773 4 1,724	) 100.5 ) 105.3 ) 112.0 ) 111.1 ) 107.7 95.7 94.7 89.4	% \$ 1,500 1,671 1,800 2,019 2,131 2,199 2,312 2,372 2,467 2,308	$\begin{array}{c} 26.5\% \\ (2.3) \\ (26.4) \\ (58.8) \\ (58.2) \\ (43.3) \\ 25.3 \\ 32.6 \\ 69.9 \\ 82.5 \end{array}$
Public Safety Bountiful	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	7 8 9 10 11 10 11 12	,500 ,402 ,157 ,369 ,439 ,148 ,958 ,809 ,384 ,392	7,60 8,310 8,959 9,44 10,10 10,48 11,170 11,640 12,33 13,400	0 908 9 802 4 75 1 (338 4 (664 0 212 0 (169 7 (47	89.1 91.0 99.2 ) 103.3 ) 106.3 98.1 ) 101.5 ) 100.4	% \$ 1,167 1,246 1,327 1,384 1,442 1,518 1,601 1,653 1,621 1,724	$\begin{array}{c} 94.9\% \\ 72.9 \\ 60.4 \\ 5.4 \\ (23.4) \\ (43.7) \\ 13.2 \\ (10.2) \\ (2.9) \\ 0.8 \end{array}$
Public Safety Other Division B (without Social Security)	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	46 56 67 79 86 88 99 110	,486 ,781 ,343 ,949 ,056 ,544 ,835 ,780 ,438 ,426	36,282 46,533 53,734 60,632 72,132 91,402 101,384 113,033 133,380 148,249	9 (242 4 (2,609 2 (7,317 2 (6,924 7 4,863 4 12,549 9 13,259 0 22,942	) 100.5 ) 104.9 ) 112.1 ) 109.6 94.7 87.6 88.3 82.8	% \$ 16,947 19,451 21,715 22,511 23,955 25,354 26,400 27,238 29,576 31,500	$(13.0)\% \\ (1.2) \\ (12.0) \\ (32.5) \\ (28.9) \\ 19.2 \\ 47.5 \\ 48.7 \\ 77.6 \\ 75.6 \\ 75.6 \\ \end{cases}$
Total Public Safety Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	867	,996 ,466 ,435 ,888 ,904	866,504 952,100 1,034,147 1,105,160 1,206,870 1,366,134 1,458,497 1,556,758 1,726,788 1,851,635	0 84,949 7 45,347 6 (41,165 6 (80,120 4 (10,332 1 109,056 8 107,870 5 201,881	91.1 95.6 ) 103.7 ) 106.6 ) 100.8 92.5 93.1 88.3	% \$176,979 195,464 212,414 226,057 247,985 260,783 268,478 278,402 293,797 298,756	62.9% 43.5 21.3 (18.2) (32.3) (4.0) 40.6 38.7 68.7 73.2

# Public Safety Retirement System Schedules of Employer Contributions by Division

		-	
		Annual	mployer Contributions
Division	Year Ended	Required Contributions	Percentage Contributed
Public Safety	1996	\$12,938	100%
State of Utah	1997	14,310	100
	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
Public Safety	1996	\$ 8,860	100%
Other Division A	1997	10,755	100
(with Social Security)	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
Public Safety	1996	\$ 4,359	100%
Salt Lake City	1997	5,222	100
oun and only	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
Public Safety	1996	\$ 792	100%
Ogden	1997	899	100
	1998 1999	1,003 1,133	100
	2000	1,135	100 100
	2000	1,122	100
	2001 2002	976	100
	2002	986	100
	2003	1,158	100
	2004	1,170	100
Public Safety	1996	\$ 341	100%
	1997	423	100 / 100
Provo	1998	479	100
	1999	537	100
	2000	562	100
	2000	485	100
	2002	433	100
	2002	455	100
	2003	543	100

### Public Safety Retirement System

# Schedules of Employer Contributions by Division (Continued)

		E	mployer Contributions
Division	Year Ended	Annual Required Contributions	Percentage Contributed
Public Safety	1996	\$ 72	100%
Logan	1997	96	100 / 0
Luyan	1998	131	100
	1999	162	100
	2000	162	100
	2001	109	100
	2002	78	100
	2002	132	100
	2003	221	100
	2005	271	100
Public Safety	1996	\$ 203	100%
Bountiful	1997	230	100 /0
Doninini	1998	277	100
	1999	320	100
	2000	340	100
	2000	320	100
	2001	291	100
	2002	298	100
	2003	310	100
	2004 2005	339	100
Public Safety	1996	\$ 1,706	100%
Other Division B	1997	2,282	100 /0
	1998	2,764	100
(without Social Security)	1999	3,473	100
	2000	3,931	100
	2000	3,761	100
	2001	3,738	100
	2002	4,216	100
	2003	5,333	100
	2004	6,168	100
Total	1996	\$29,271	100%
	1997	34,217	100 /0
Public Safety	1998	40,099	100
Retirement System	1999	45,110	100
	2000	49,353	100
	2000	46,113	100
	2001	40,113	100
	2002	46,655	100
	2003	40,000 56,319	100
	2004 2005	61,326	100
	2003	01,320	100

# Firefighters Retirement System Schedules of Fiduciary Net Assets— Pension Trust Fund by Division

December 31, 2005 With Comparative Totals for December 31, 2004

	Division A (with	Division B (without	1	fotal All Divisions
	Social Security	Social Security)	2005	2004
Assets:				
Cash	\$ 1	1	2	2
Receivables:				
Member contributions	71	229	300	147
Fire insurance tax	_	_	_	2,306
Investments	3,316	26,329	29,645	13,505
Total receivables	3,387	26,558	29,945	15,958
Investments at fair value:				
Short-term securities, domestic	5,162	40,978	46,140	39,007
Short-term securities, international	666	5,286	5,952	2,735
Debt securities, domestic	15,123	120,058	135,181	113,755
Debt securities, international	3,809	30,239	34,048	34,859
Equity investments, domestic	28,103	223,106	251,209	258,122
Equity investments, international	16,182	128,468	144,650	133,593
Private equity	2,692	21,373	24,065	21,872
Real estate	10,359	82,237	92,596	66,233
Mortgage loans	30	240	270	263
Total investments	82,126	651,985	734,111	670,439
Invested securities lending collateral	10,481	83,207	93,688	91,478
Property and equipment at cost,				
net of accumulated depreciation	13	105	118	161
Total assets	96,008	761,856	857,864	778,038
Liabilities:				
Securities lending collateral liability	10,481	83,207	93,688	91,478
Disbursements in excess of cash balance	60	473	533	403
Compensated absences, post employment				
benefits and insurance reserve	51	406	457	407
Investment accounts payable	4,836	38,395	43,231	28,770
Real estate liabilities	3,792	30,101	33,893	19,001
Total liabilities	19,220	152,582	171,802	140,059
Net assets held in trust for pension benefits	\$76,788	609,274	686,062	637,979

(in thousands)

# Firefighters Retirement System

# Schedules of Changes in Fiduciary Net Assets— Pension Trust Fund by Division

Year Ended December 31, 2005

With Comparative Totals for Year Ended December 31, 2004

### (in thousands)

	Division A	Division B (without	т	otal All Divisions
	(with) Social Security	Social Security)	2005	2004
Additions:				
Contributions:				
Member	\$ 1,563	5,163	6,726	6,292
Fire insurance tax	2,098	7,503	9,601	8,659
Total contributions	3,661	12,666	16,327	14,951
Investment income:				
Net appreciation in fair value of investments	4,713	38,372	43,085	61,384
Interest, dividends and other investment income	1,922	15,651	17,573	17,862
Total investment income	6,635	54,023	60,658	79,246
Less investment expenses	200	1,631	1,831	1,644
Net investment income	6,435	52,392	58,827	77,602
Transfers (to) from affiliated systems	518	83	601	980
Total additions	10,614	65,141	75,755	93,533
Deductions:				
Retirement benefits	1,797	19,608	21,405	19,757
Cost of living benefits	287	4,965	5,252	4,851
Supplemental retirement benefits	28	584	612	655
Refunds	6	66	72	106
Administrative expenses	36	295	331	345
Total deductions	2,154	25,518	27,672	25,714
Increase from operations	8,460	39,623	48,083	67,819
Net assets held in trust for pension benefits beginning of year	68,328	569,651	637,979	570,160
Net assets held in trust for pension benefits end of year	\$76,788	609,274	686,062	637,979

# Firefighters Retirement System Schedules of Funding Progress by Division

Division	Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Unfunded AAL (UAAL) (2)-(1)	(4) Funded Ratios (1)/(2)	(5) Annual Covered Payroll	(6) UAAL as a % of Covered Payroll (3)/(5)
Firefighters	1/01/97	\$ 36,473	32,138	(4,335)	113.5%	\$ 7,032	(61.6)%
Division A	1/01/98	42,528	37,464	(5,064)	113.5	7,968	(63.6)
(with Social Security)	1/01/99	48,851	40,479	(8,372)	120.7	9,375	(89.3)
	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)
	12/31/05	72,396	70,320	(2,076)	103.0	18,344	(11.3)
Firefighters	1/01/97	\$293,002	330,273	37,271	88.7%	\$38,937	95.7%
Division B	1/01/98	333,650	347,511	13,861	96.0	43,319	32.0
(without Social Security)	1/01/99	374,554	367,224	(7,330)	102.0	44,951	(16.3)
	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)
	12/31/05	572,100	546,768	(25,332)	104.6	65,717	(38.5)
Total	1/01/97	\$329,475	362,411	32,936	90.9%	\$45,969	71.6%
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)
	12/31/05	644,496	617,088	(27,408)	104.4	84,061	(32.6)

# Firefighters Retirement System Schedules of Employer Contributions by Division

		E	mployer Contributions	
Division A with Social Security) Firefighters Division B	Year Ended	Annual Required Contributions	Percentage Contributed	
Firefighters	1996	\$ 651	100	
Division A	1997	691	100	
(with Social Security)	1998	758	100	
	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	
Firefighters	1996	\$ 5,684	100	
Division B	1997	6,697	100	
(without Social Security)	1998	6,179	100	
	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	
Total	1996	\$ 6,335	100	
Firefighters	1997	7,388	100	
Retirement	1998	6,937	100	
System	1999	5,737	100	
-	2000	6,755	100	
	2001	8,354	100	
	2002	9,454	100	
	2003	9,059	100	
	2004	8,659	100	
	2005	9,601	100	

# All Retirement Systems Schedules of Administrative and Investment Expenses

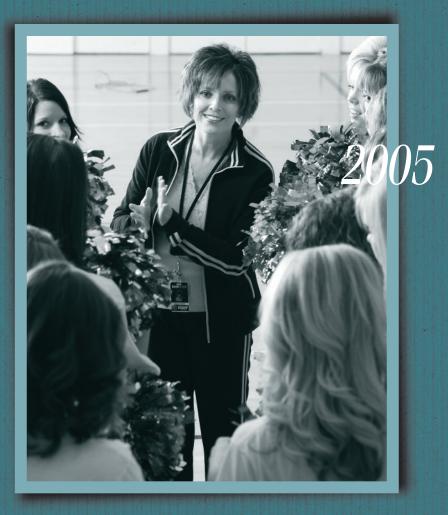
Year Ended December 31, 2005

(in thousands)

	efined Benefit Pension Plans	Investments	Defined Contribution Plans	Total
Personal services:				
Salaries and wages	\$3,587	1,108	2,570	7,265
Employee benefits	1,499	422	1,255	3,176
Total personal services	5,086	1,530	3,825	10,441
Professional services:				
Audit Actuarial services	91 253	—	22	113 253
General counsel	235 582	11	16	609
Banking services	57		151	208
Security handling expense	_	1,806	53	1,859
Investment advisor fees	_	42,459	2,469	44,928
Other consulting services	88	215	128	431
Total professional services	1,071	44,491	2,839	48,401
Communications:				
Telephone	227	18	128	373
Postage	262		471	733
Total communications	489	18	599	1,106
Rentals:				
Office space	1,042	88	152	1,282
Data processing equipment				
Total rentals	1,042	88	152	1,282
Miscellaneous:	0.50	200	2.62	= 10
Data processing	272	209	262	743
Professional development Contractual services	132 312	73 8	48 108	253 428
Supplies and maintenance	62		108	63
Insurance and bonding premiums	323	2	33	358
Subscription expense	8	1	3	12
Office supplies	270	_	57	327
Depreciation expense	449	_	_	449
Total miscellaneous	1,828	293	512	2,633
Total administrative expenses	\$9,516	46,420	7,927	63,863
Allocation of administrative expenses:				
Noncontributory Retirement System	\$7,557	—	—	7,557
Contributory Retirement System	578	_	_	578
Public Safety Retirement System	985	_	_	985
Firefighters Retirement System	331 60	—	—	331
Judges Retirement System Utah Governors and Legislators Retirement Plan	5	_	_	60 5
401(k) Plan	_	_	4,919	4,919
457 Plan		_	531	531
Roth IRA	—	_		_
Traditional IRA			9	9
Total administrative expenses Investment administrative expense	9,516	3,961	5,459	14,975 3,961
Investment advisor fees:				
Investments	—	42,459	—	42,459
401(k) Plan	—	_	2,244	2,244
457 Plan	—	—	220	220
Roth IRA Traditional IRA	—	—	4	4
Total investment advisor fees		42.450		
	¢ 0 =16	42,459	2,468	44,927
Total administrative expense allocations	\$9,516	46,420	7,927	63,863

Utah Retirement Systems Comprehensive Annual Financial Report

nvestment Section



93 Report on Investment Activity
94 Outline of Investment Policies and Investment Summary
95 Asset Allocation
96 Investment Results
97 List of Largest Assets Held
97 Schedules of Fees and Commissions
98 Investment Professionals
99 Defined Contribution Plans



(in millions)	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Debt Securities	\$2,225	2,406	2,951	2,960	3,384	3,463	2,698	3,062	3,754	4,301	
O Short Term Securities	269	174	548	273	595	603	763	1,582	1,055	1,324	
Mortgages	4	4	4	4	3	3	4	7	7	7	
$\bigcirc$ Real Estate	805	1,057	1,149	1,188	1,133	1,076	1,124	1,188	1,673	2,353	
Private Equity	344	494	738	1,018	1,050	678	762	654	553	612	
Equities	5,022	6,009	5,848	7,614	7,308	7,068	6,394	8,070	9,896	10,061	
Totals	\$8,669	10,144	11,238	13,057	13,473	12,892	11,745	14,563	16,937	18,657	

# Report on Investment Activity

he economy held up remarkably well in 2005 even though we saw \$70 per barrel



oil prices, higher interest rates and weather related disasters. Equities continued to rise while fixed income securities were challenged due to the risk in interest rates. The year saw short term rates as measured by the 90 day T-bill rate up over 1.8% whereas the 30 year Treasury bond decreased a little over 0.25% Thus the yield curve dramatically flattened. The markets also continued a period of low volatility creating challenges for active managers to add excess returns above their benchmarks. Even though the United States achieved a record

current account deficit, the dollar rallied and the economy finished with a respectable 3.5% increase in Gross Domestic Product. Inflation continued to remain subdued at 3.4% as measured by the Consumer Price Index.

Although the U.S. equity market as measured by the S&P 500 was up only 4.9% and the U.S. fixed income market as measured by the Lehman Brothers Aggregate was up only 2.4%, other markets did surprisingly well. The international equity market as measured by the Europe Australia/Asia Far East ("EAFE") index and the MSCI Emerging Markets Free-Unhedged index returned 13.5% and 34.5% respectively. Real Estate as measured by the National Council of Real Estate Investment Fiduciaries ("NCREIF") was up 20%.

The Utah Retirement Systems ("Systems") posted a respectable 9% 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. Detractors were domestic equity and domestic fixed income. Active management strategies continued to add value net of fees. The Systems' three-year return was 16% and the five-year return increased to 6.5% as compared to the five year return a year ago of 5% (two of those years include a bear market). Over the past ten years, the Systems' portfolio has returned 9%, exceeding its actuarial goal of 8%.

During 2005, we began to further diversify the portfolio into additional active strategies to lower overall market risk. We will continue to diversity the portfolio in 2006 and 2007. However, we expect to maintain our overall return expectations.

We have been well served by a diversified portfolio. Different asset classes perform well or poorly just about every year. Because we are a long term investor, those ups and downs are expected. In fact, without volatility there would be no return. We certainly can't plan for major geopolitical risks, weather or market turmoil, but we feel we've built a solid foundation that can weather the storms in the long run. The key to investing is to be patient. That patience has given us the ability to provide our participants the retirement security they expect for their future.

Bruce H. Cundink

Bruce H. Cundick, Chief Investment Officer

# Defined Benefit Investments Investment Highlights (Continued)



# **Outline of Investment Policies**

he 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, and Private Equity. 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 manages segments of the portfolio.

All managers must act within the restrictions established by the investment guidelines put forth in the Statement of Investment Policy.

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

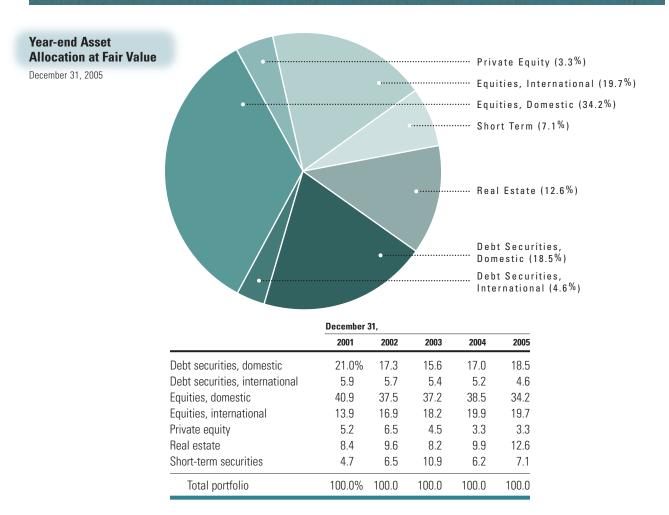
Managers' portfolios are evaluated both against appropriate market indices and similar manager style groups. The investment policy outlines appropriate benchmarks.

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.

Investment Highlights (Continued)

# 2005 Investment Summary

	(dollars in	thousand	1 s )			
	2005 Beginning Fair Value	Purchases	Sales and Redemptions	Increase (Decrease) in Fair Value	2005 Ending Fair Value	Percent of Total Fair Value
Short-term securities, domestic	\$ 985,416	27,894,170	27,706,973	_	1,172,613	6.29%
Short-term securities, international	69,095	16,194,826	16,129,991	17,344	151,274	0.81
Debt securities, domestic	2,873,734	19,910,246	19,316,692	(31,756)	3,435,532	18.41
Debt securities, international	880,628	629,017	573,056	(71,294)	865,295	4.64
Equities, domestic	6,520,755	2,323,271	2,434,309	(25,394)	6,384,323	34.22
Equities, international	3,374,875	1,645,375	1,362,715	18,655	3,676,190	19.70
Private equity	552,534	162,885	101,622	(2,208)	611,589	3.28
Real estate	1,673,204	1,036,727	506,610	149,952	2,353,273	12.61
Mortgage loans	6,659	349	144		6,864	0.04
Totals	\$16,936,900	69,796,866	68,132,112	55,299	18,656,953	100.0%



# **Investment Highlights**

(Continued)

# Ten-Year Total Pension Investment Rates of Return

	(dollars	in mil	lions)	
	Total Investment Portfolio Fair Value	(1) Smoothed Expected Rate of Return	(2) Fair Value Rate of Return	(3) Actuarial Assumed Interest Rate
1996	\$ 8,669	11.73	15.11	8.00
1997	10,144	13.72	15.75	8.00
1998	11,238	12.64	9.61	8.00
1999	13,057	14.67	16.55	8.00
2000	13,474	11.23	1.86	8.00
2001	12,892	6.80	(4.99)	8.00
2002	11,745	(1.54)	(7.54)	8.00
2003	14,563	8.01	26.00	8.00
2004	16,937	5.32	13.24	8.00
2005	18,657	7.36	8.96	8.00

- (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 2005, 8.69 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.

### **Ten-Year Total Pension Investment Rates of Return**

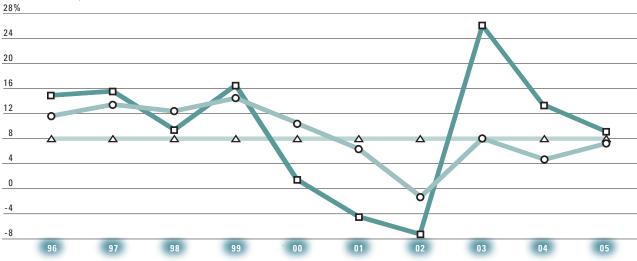
(in percents) 28% 24

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

Year Ended December 31, 2005

Investment Category Comparative Index	1 Year	3 Years	5 Years	10 Years
<b>Domestic Equity</b> Russell 3000 Index	<b>7.29%</b> 6.12	<b>19.15%</b> 15.90	<b>5.09%</b> 1.58	<b>10.40</b> % <i>9.20</i>
International Equity International Equity Benchmark Benchmark consisting of: 80% MSCI EAFE Index 10% MSCI Emerging Markets Index 10% Citigroup Extended Markets Index W	<b>17.42</b> 16.35 orld ex-US	<b>25.75</b> <i>26.15</i>	<b>8.67</b> 6.91	<b>7.46</b> 6.22
Domestic Debt Securities Lehman Brothers Aggregate Index	<b>2.05</b> 2.43	<b>4.04</b> <i>3.62</i>	<b>5.00</b> 5.87	<b>5.66</b> 6.16
International Global Debt Securities Lehman Brothers Global Aggregate Index	<b>-2.93</b> -4.49	<b>8.12</b> 5.50	<b>7.90</b> 6.81	<b>5.55</b> 5.35
Real Estate Real Estate Benchmark Benchmark consisting of: 90% NCREIF Real Estate Index 10% NAREIT Index	<b>16.35</b> <i>18.88</i>	<b>14.36</b> <i>15.48</i>	<b>10.61</b> 12.15	<b>11.64</b> <i>12.27</i>
Private Equity Private Equity Benchmark Benchmark consisting of: 85% Russell 3000 Index + 3.5%, 15% Russell 3000 Index + 2.0%	<b>29.88</b> 9.40	<b>19.58</b> 19.18	<b>1.22</b> 4.86	<b>12.82</b> 12.48
Short Term Investments Treasury Bills	<b>3.00</b> <i>3.07</i>	<b>1.81</b> 1.84	<b>3.26</b> 2.34	<b>4.86</b> 3.84
<b>Total Fund</b> Total Fund Benchmark Benchmark consisting of: 40% 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 Ind	<b>8.96</b> 8.20	<b>16.03</b> <i>14.96</i>	<b>6.47</b> 4.95	<b>9.04</b> <i>8.40</i>
CAI Public Fund — Large Database Medium	8.17	14.19	5.33	8.81
Inflation	3.40	2.87	2.51	2.53
<ol> <li>Callan Associates Inc.</li> <li>Total rates of return include cash income plus gains and losses due to changes in fair value, whether realized or unrealized.</li> </ol>	accordance tation Sta	ng a time-v ce with the	veighted ret Performanc he CFA Inst	turn in ce Presen-

tation Standards of the CFA Institute (CFAI), formerly known as AIMR.



Investment Highlights (Continued)

# List of Largest Assets Held

### **Largest Equity Holdings** (By Fair Value)

Description	Shares	Fair Value
General Electric Co.	3,920,842	\$137,425,512
Exxon Mobil Corp.	2,369,678	133,104,813
Citigroup Inc.	1,925,018	93,421,124
Microsoft Corp	3,472,514	90,806,241
Procter & Gamble Co	1,412,884	81,777,726
Bank of America Corp	1,744,598	80,513,198
Johnson & Johnson	1,171,658	70,416,646
Pfizer Inc	2,935,137	68,447,395
JP Morgan Chase & Co	1,548,425	61,456,988
American International Group Inc.	849,481	57,960,089

### Largest Debt Securities Holdings (By Fair Value) Description

Description	Par Value	Fair Value
FNMA Single Family Mortgage 5% 30 Years Settles January Rating AAA	\$252,900,000	244,996,875
FNMA 30 Year Pass-Throughs 6% 30 Years Settles January Rating AAA	161,200,000	162,660,794
FNMA 30 Year Pass-Throughs 5.5% 30 Years Settles January Rating AAA	105,100,000	104,049,000
GNMA I 30 Years Single Family Pass-Throughs (SF) 6% 30 Years Settles January Rating AAA	77,240,000	79,026,175
FNMA 15 Year Pass-Throughs 5.5% 15 Years Settles January Rating AAA	69,900,000	70,315,066
US Treasury Bonds 6.75% Due 08/15/2026 Rating AAA	43,411,000	55,593,212
FNMA 15 Year Pass-Throughs 5% 15 Years Settles January Rating AAA	48,500,000	47,969,507
FNMA 30 Year Pass-Throughs 6.5% 30 Years Settles January Rating AAA	31,800,000	32,614,875
US Treasury Notes DTD 01/18/2000 Inflation Indexed 4.25% Due 01-15-2010 Reg Rating AAA	25,164,000	32,294,096
FNMA Single Family Mortgage 4.5% 15 Years Settles January Rating AAA	28,200,000	27,433,298

# Schedules of Fees and Commissions

### **Broker Commission Fees**

Year Ended December 31, 2005 <b>Broker</b>	Total Commission Fees
Instinet	\$ 247,228
Investment Technology Group (ITG)	139,976
Jefferies and Company	59,986
Merrill Lynch Amsterdam	39,718
Merrill Lynch Fenner & Smith	47,225
Merrill Lynch International London	1,923
Merrill Lynch International Ltd Equities	84,313
Weeden & Co.	826
Yamner & Company	4,195
Total	\$ 625,390

### Schedule of Investment Fees and Commissions

Year Ended December 31, 2005

Investment advisor fees: Equity securities, domestic Equity securities, international Debt securities, domestic Debt securities, international Private equity Real Estate	\$ 8,878,278 20,875,582 3,979,302 2,367,028 5,213,980 1,145,320
Total investment advisor fees Investment brokerage fees	42,459,490 625,390
Total fees and commissions	\$43,084,880

# Defined Benefit Investments Investment Highlights (Continued)

# **Investment Professionals**

### **Investment Advisors**

### Defined Benefit Plan — Equities

Abbott Capital Management, LLC 1211 Avenue of the Americas Suite 4300 New York, NY 10036

AEW Capital Management L.P. World Trade Center East Two Seaport Lane Boston, MA 02110-2021

Alliance Capital Management 1345 Avenue of the Americas New York, NY 10105

Arnhold & S. Bleichroeder Advisors, Inc. 1345 Avenue of the Americas New York, NY 10105

Brandes Investment Partners L.P. 11988 El Camino Real Suite 500 San Diego, CA 92130

Capital International 333 South Hope Street Los Angeles, CA 90071

CS First Boston 11 Madison Avenue New York, NY 10010

Dimensional Fund Advisors, Inc. 1299 Ocean Avenue Santa Monica, CA 90401

Goldman Sachs Asset Management 32 Old Slip New York, NY 10005

Invesco Global (N.A.), Inc. 1360 Peachtree Street Suite 100 Atlanta, GA 30309 Jennison Associates, LLC 466 Lexington Avenue New York, NY 10017

Lord Abbett 90 Hudson Street Jersey City, NJ 07302

Mazama Capital One SW Columbia Street Suite 1500 Portland, OR 97258

Mondrian Investment Partners Limited 80 Cheapside London ECZV 6EE, UK

Morgan Stanley Asset Management 1221 Avenue of the Americas 5th Floor New York, NY 10020

Pathway Capital Management, LLC 5 Park Plaza, Suite 300 Irvine, CA 92614

Putnam Investments 1 Post Office Square Boston, MA 02109

Schneider Capital Management 460 East Swedesford Road Suite 1080 Wayne, PA 19087

State Street Global Advisors State Street Financial Center One Lincoln Street Boston, MA 02111

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

### Defined Benefit Plan — Debt Securities

BlackRock Asset Management 40 East 52nd Street New York, NY 10022

Capital Guardian Trust Co. 135 South State College Blvd. Brea, CA 92821

JP Morgan Fleming Asset Management 227 West Monroe Chicago, IL 60606

Western Asset Management Co. 385 East Colorado Blvd. Suite 1000 Pasadena, CA 91101

### Defined Benefit Plan — Real Estate

BNA Realty Advisors Barlow Nielsen Associates 358 South Rio Grande Suite 250 Salt Lake City, UT 84101

Black Rock Realty Advisors 300 Campus Drive Florham Park, NJ 07932

CB Richard Ellis 865 South Figueroa Street Suite 3500 Los Angeles, CA 90071

Cottonwood Partners 2855 East Cottonwood Parkway Suite 560 Salt Lake City, UT 84121

CS First Boston 11 Madison Avenue New York, NY 10010

Goldman, Sachs & Company 85 Broad Street New York, NY 10004 Hancock Timber Resources Group 99 High Street Boston, MA 02110

Lazard Freres & Co., LLC 30 Rockefeller Plaza New York, NY 10020

OPUS Group, LLC P.O. Box 59110 Minneapolis, MN 55459

Henderson Global Investors One Financial Plaza Hartford, CT 06103

Security Capital European Realty Batchworth House Batchworth Place Church Street Rickmansworth, Hertfordshire WD31JE, England

USAA Real Estate Company 9830 Colonnade Blvd. Suite 600 San Antonio, TX 78230

### Utah Retirement Systems Consultants

Callan Associates Inc. 101 California Street Suite 3500 San Francisco, CA 94111

Frank Russell Securities, Inc. 909 A Street Tacoma, WA 98402

The Northern Trust Company 50 South LaSalle Street Chicago, IL 60675

# Defined Contributions Investments

### Defined Contributions Plan Investments

(in thousands)

Investment Options		Total
Income Fund	\$	557,832
Bond Fund		77,322
Balanced Fund		299,263
Large Cap Stock Value Fund		141,845
Large Cap Stock Index Fund		377,846
Large Cap Stock Growth Fund		111,858
International Fund		173,069
Small Cap Stock Fund		144,081
Short Horizon Fund		60,408
Medium Horizon Fund		108,914
Long Horizon Fund		193,149
Group Annuity Fund		47,219
(closed to contributions)		
Total	9	\$2,292,806

# U

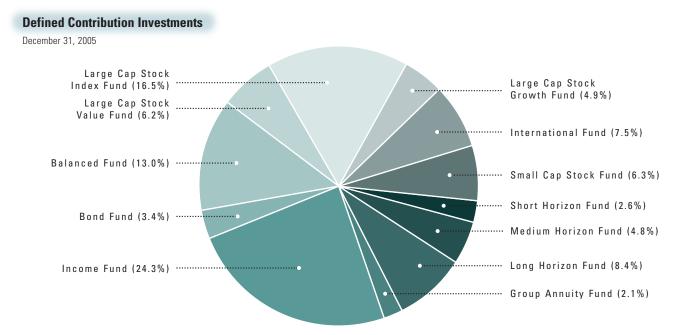
# Investment Highlights

### Introduction

tah Retirement Systems' 401(k), 457, Roth and Traditional IRA Plans are tax-advantaged retirement savings programs authorized under sections

401(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 investment funds in which their monies may be invested. Each participant may choose one or a combination of these funds. In addition, there is a Group Annuity Fund that is closed to contributions, but where current balances still exist. The table to the right shows the total investments in the various investment options. The asset graph below shows the asset distribution at December 31, 2005.



### **Defined Contributions Investments**

Investment Highlights (Continued)

### 2005 Investment Summary and Investment and Administrative Fees

(dollar.	s in thous	ands)		Increase		Percent			
Fund	2005 Beginning Fair Value	Purchases	Sales and Redemptions	(Decrease) in Fair Value	2005 Ending Fair Value	of Total Fair Value	Invest- ment Fees	Admin- istrative Fees	Total Fees
Income Fund	\$ 519,814	69,953	51,376	19,441	557,832	24.34%	0.14%	0.27%	0.41%
Bond Fund	77,432	11,045	11,672	517	77,322	3.37	0.36	0.27	0.63
Balanced Fund	273,183	16,213	10,662	20,529	299,263	13.05	0.38	0.27	0.65
Large Cap Stock Value Fund	114,911	32,887	15,147	9,194	141,845	6.19	0.43	0.27	0.70
Large Cap Stock Index Fund	382,160	12,583	27,280	10,383	377,846	16.48	0.03	0.27	0.30
Large Cap Stock Growth Fur	nd 72,438	33,867	6,927	12,480	111,858	4.88	0.33	0.27	0.60
International Fund	129,599	36,760	17,714	24,424	173,069	7.55	0.35	0.27	0.62
Small Cap Stock Fund	146,526	19,071	24,008	2,492	144,081	6.28	0.41	0.27	0.68
Short Horizon Fund	55,734	13,652	9,560	582	60,408	2.63	0.28	0.27	0.55
Medium Horizon Fund	88,788	20,897	6,548	5,777	108,914	4.75	0.31	0.27	0.58
Long Horizon Fund	154,860	28,010	4,876	15,155	193,149	8.42	0.28	0.27	0.55
Group Annuity Fund									
(closed to contributions)	50,233		3,481	467	47,219	2.06	1.13	0.27	1.40
Totals	\$2,065,678	294,938	189,251	121,441	2,292,806	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.

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 Annualized Rates of Return

Year Ended December 31, 2005

Investment Option		Annualized			
Comparative Index	1 Year	3 Year	5 Year	10 Year	
Income Fund	4.15%	3.82%	<b>4.72</b> %	5.42%	
Treasury Bills Index	3.07	1.84	2.34	3.84	
Bond Fund	1.79	3.65	6.29	NA*	
Lehman Aggregate Bond Index	2.43	3.62	5.87	6.16	
Balanced Fund	8.85	12.83	5.64	8.66	
Balanced Index (1)	3.94	10.14	3.17	8.37	
Large Cap Stock Value Fund	9.19	19.73	10.84	NA*	
Russell 1000 Value Index	7.05	17.49	5.28	10.94	
Large Cap Stock Index Fund	4.60	14.00	0.29	8.72	
S&P 500 Index	4.91	14.39	0.54	9.07	
Large Cap Stock Growth Fund	15.66	14.81	-3.54	NA*	
Russell 1000 Growth Index	5.26	13.23	-3.58	6.73	
International Fund	19.84	23.07	5.46	10.74	
MSCI EAFE Index	13.54	23.68	4.55	5.84	
Small Cap Stock Fund	5.81	23.50	11.40	NA*	
Russell 2000 Index	4.55	22.13	8.22	9.26	
Short Horizon Fund	3.40	5.74	5.58	NA*	
Short Horizon Index (2)	3.38	5.37	4.84	6.55	
Medium Horizon Fund	7.21	11.88	5.37	NA*	
Medium Horizon Index (3)	5.10	11.37	4.53	7.52	
Long Horizon Fund	9.55	15.92	4.97	NA*	
Long Horizon Index (4)	6.56	15.37	3.83	7.90	
Group Annuity Fund (5)	4.72	4.84	5.25	5.75	
Treasury Bills Index	3.07	1.84	2.34	3.84	

Past performance does not guarantee future results.

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: 20% Treasury Bills, 65% LB Aggregate Bond, 10% S&P 500, 5% MSCI EAFE
- (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.

### Investment Professionals

### **Defined Contribution Plans Investment Professionals**

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)

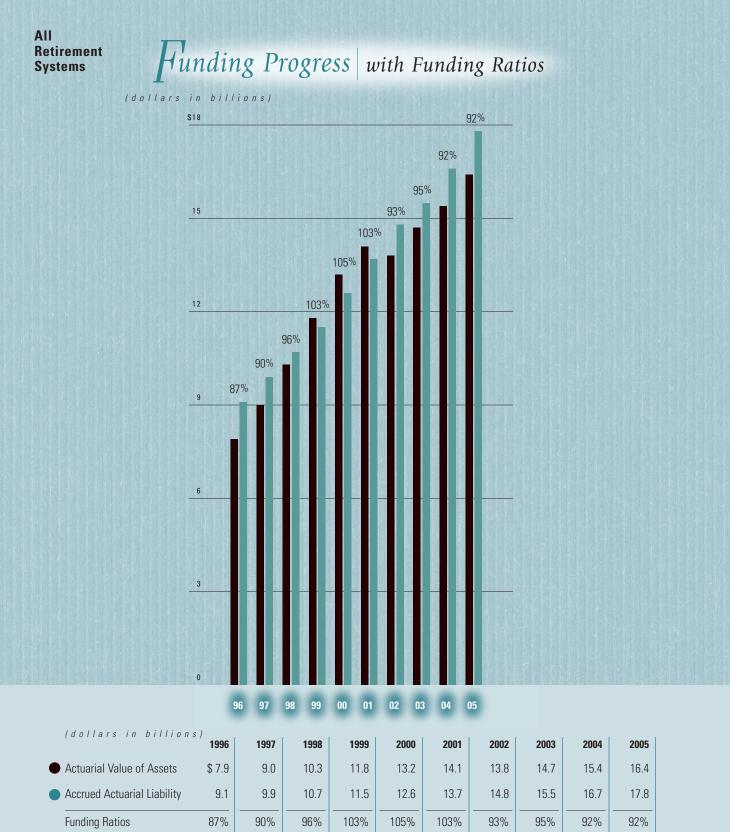
Capital Guardian Trust Co. 333 South Hope Street Los Angeles, CA 90071 *(International Fund)* 

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)* 

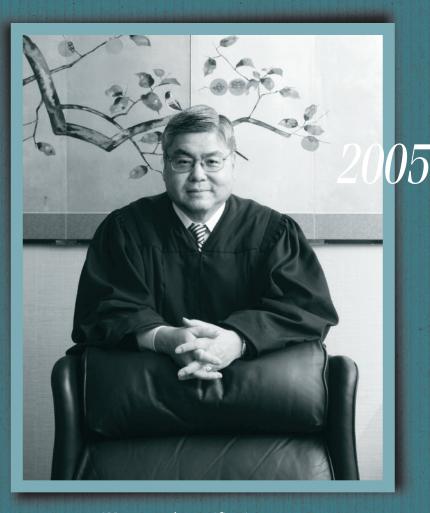
Alliance Capital Management L.P. 1345 Avenue of the Americas New York, NY 10105 (Balanced Fund, Large Cap Stock Growth Fund)

Utah Retirement Systems 560 East 200 South Salt Lake City, UT 84102 *(Large Cap Stock Index Fund)* 



Utah Retirement Systems Comprehensive Annual Financial Report





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# Actuary's Certification Letter

GRS

Gabriel Roeder Smith & Company Consultants & Actuaries 4600 S. Ulster Street Suite 700 Denver, CO 80237-2882 303.846.3031 phone 303.846.3028 fax www.gabrielroeder.com

October 14, 2005

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

Dear Members of the Board

### Subject: Certification of 2005 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, 2005 actuarial valuation will be used by the Board when certifying the employer contribution rates for the year beginning July 1, 2006 and ending June 30, 2007. 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 4.00%.

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 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.

### 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 decreased from 94.7% to 92.4%. 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 fifteen 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 96.5%, compared to 91.7% in the prior year.

### **Benefit provisions**

The benefit provisions reflected in this valuation are those which were in effect on January 1, 2005, or which were adopted by the end of the 2005 legislative session and are effective on or before July 1, 2006.

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.

An experience analysis was carried out in connection with this valuation, and as a result, we are recommending a number of changes in the actuarial assumptions. Our recommendations include:

- Changes to the post-retirement mortality assumptions for teachers and uniformed officers.
- No changes to the salary increase rates for most groups, but the salary increase rate for judges is lowered from 4.75% to 4.00%
- Increases in the disability incidence rates for most groups
- No changes to the termination rates for most groups, but the termination rates for firefighters are modified, and now reflect service only, rather than both age and service
- Changes to retirement rates for most groups with rates increasing at earlier ages and decreasing at later ages

We recommended that the assumed inflation rate remain at 3.00%, the assumed nominal investment return rate remain at 8.00%, and the payroll growth assumption remain at 4.00%. We have not recommended any changes in the actuarial cost method (entry age normal) or in the method for determining the actuarial value of assets (five-year smoothing).

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. The actuarial calculations are intended to provide information for rational decision making.

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, 2004 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, 2004.

### Certification

We certify that the information presented herein is accurate and fairly portrays the actuarial position of URS as of January 1, 2005. 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 all three are experienced in performing valuations for large public retirement systems.

Sincerely, Gabriel Roeder Smith & Company

Lewis Ward Consultant

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

Gabriel Roeder Smith & Company

W.Michael Carter, FSA, EA, MAAA Senior Consultant

# Summary of Actuarial Assumptions and Methods

As of January 1, 2005

*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, 2005).

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 108. 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.)

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.

*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.

As of January 1, 2005

#### Retired Member Mortality Class of Member

Educators	
Men	EDUM
Women	EDUF
Public Safety and Firefighters	
Men	UP94M (-1)
Women	UP94F (0)
Local Government, Public Employees and All Beneficiaries	
Men	UP94M (-2)
Women	UP94F (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 Unisex Pensioners Mortality Table for Males adjusted xx years.

UP94F (xx) = 1994 Unisex 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 adopted by the Retirement Board in 2005, as recommended by the actuary.

As of January 1, 2005

						Eligible f	or Retirement	
				Male			Female	Governors
		State and School Division State and School Div		hool Division	Local	and		
	Retirement Age	Educators	Public Employees	Local Government Division	Educators	Public Employees	Government Division	Legislators Retirement Plan
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

			Percent Retiring Within Next Year Among Active Members Eligible for Retirement					
	Retirement Age		Retirement Age		Retirement Age			
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 W	'ithin Next Year Among A	ctive Members Eligible f	or Retirement
	Retirement Age		Retirement Age		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 Wi	thin Next Year Among A	ctive Members Eligible f	or Retirement
	Retirement Age		Retirement Age		Retirement Age	
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 63	30.00 30.00	66 67	30.00 30.00	70	100.00

As of January 1, 2005

	_			Male			Female	Governors
			State and Sc	hool Division Local		State and Sc	hool Division Local	and Legislators
	Retirement Age	Educators	Public Employees	Government Division	Educators	Public Employees	Government Division	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 of Service							
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	D	uring the First Y	ear a	During the Six 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			
Adopted January 1, 2000	40		12.18		1.82			
	40		12.10		1.35			
	49 50		19.61		1.15			
	55		24.57		1.13			
	60		30.22		1.14			
	Years of Servic	e		Years of Servic	e			
Firefighters	0	7.0%		9	2.0%			
Retirement System	1	6.0		10	1.5			
Adopted January 1, 2005	2	5.0		10	1.5			
Auopteu January 1, 2005	3	4.0		12	1.5			
	4	3.0		12	1.5			
	5	2.0		13	1.5			
	5	2.0		14 15+	0.0			
				15+	0.0			
	7 8	2.0 2.0						
ladaa a	-							
Judges		sumed.						

As of January 1, 2005

						To		rease in Salary
					Level	Dublis		le and Female)
	Years of Service	State Educators	and School Div Public Emplo		Local Government Division	Reti	Safety rement System	Firefighters Retirement System
								-
All Retirement Systems	0	15.00		0.75%	11.75%		10.75%	11.75%
Adopted January 1, 2001	1	10.75		0.25	9.25		7.75	10.50
(Public Safety adopted January 1, 2002)	2	9.25		3.25	8.25		7.50	9.75
	3	9.00		7.75	7.25		7.25	9.25
	4	8.75		.25	7.00		7.00	8.75
	5	8.50	7	.00	6.75		6.75	8.50
	6	8.00	6	5.50	6.75		6.75	8.25
	7	7.75	6	5.25	6.50		6.50	8.25
	8	7.50	6	5.25	6.50		6.50	8.00
	9	7.25	6	5.00	6.25		6.25	8.00
	10	6.75	6	5.00	6.00		6.25	7.75
	11	6.50	5	5.75	5.75		6.00	7.75
	12	6.00		5.50	5.50		5.75	6.75
	13	5.50		5.50	5.25		5.50	5.75
	14	5.00		5.25	5.25		5.25	5.25
	15	4.75		.75	4.75		4.75	4.75
				Prob	ability Mortality V	Vithin the N	Next Year for A	ctive Members
					Male			Female
	Age	Educat		cal Govern ublic Emplo		Educators		al Government blic Employees
Noncontributory	20	0.01	50%	0.0	)585%	0.0420		0.0325%
-	25	0.01			)455	0.0420		0.0325
and Contributory	30	0.01			520	0.0060		0.0325
Retirement Systems	35	0.02			)780	0.0000		0.0320
Adopted January 1, 2000	40	0.02			975	0.0360		0.0520
	40	0.04			.235	0.0300		0.0780
	50 55	0.15			.820	0.1080		0.1235
		0.27			8055	0.1500		0.1820
	60	0.42			940	0.2040		0.2600
	65	0.54			2540	0.2820		0.3575
	70	0.60			0790	0.3900		0.4745
			Perce		a Refund of Contr	ibutions Up	oon Terminatio	
					ale			Female
	Years of Service	Educators	Public Employees	Lo Governm Divis		ors E	Public Employees	Local Government Division
Noncontributory	0-3	100%	100%	1	00% 1	00%	100%	100%

Noncontributory 0-3 100% 100% 100% 100% 100% 100% and Contributory **Retirement Systems** Adopted January 1, 1993 

	Probability Mortality Within the Next Year for Active Members						
	Public S	Safety and Firef	ighters	Employees			
	Age		Age				
Public Safety	20	0.0520%	50	0.2080%			
Retirement System	25	0.0520	55	0.3250			
and Firefighters	30	0.0520	60	0.4420			
	35	0.0520	65	0.5590			
Retirement System	40	0.0715	70	0.6695			
Adopted January 1, 2000	45	0.1235					

	Years of Service	Public Safety and Firefighters Retirement Employees
Public Safety	0-3	1009
Retirement System	4	76
and Firefighters	5	74
•	10	57
Retirement System	15	35
Adopted January 1, 1993	19	15
	20	0

## Analysis of Financial Experience

As of December 31

#### (in thousands)

System	January 1, 2004 Unfunded Actuarial Accrued Liability	Amortization Payments	Liability (Gain) Loss	Asset (Gain)	Change in Actuarial Assumptions	Change in Benefit Provisions	Asset Transfers	January 1, 2005 Unfunded Actuarial Accrued Liability
Noncontributory	\$ 693,785	4	7,315	304,867	(3,864)	_	20,900	1,023,007
Contributory	68,620	158	2,991	31,485	(2,492)	_	(20,900)	79,862
Public Safety	107,870	2,661	16,636	37,730	36,984		_	201,881
Firefighters	(40,124)	408	(2,362)	16,118	(5,837)		_	(31,797)
Judges	490	595	(284)	2,536	59		_	3,396
Governors and Legislator	rs (2,093)	(22)	(204)	400	(4)	—	—	(1,923)

## Member and Employer Contribution Rates

As of December 31

State and Contributory Retirement System         1996 1997         6.00% 6.00%         9.67% 9.67%         6.42% 6.42%         13.99% 13.99%         Local Government           1998         6.000         9.67         6.50         14.16         10.7           1998         6.00         9.67         6.73         14.16         10.7           1999         6.00         9.67         6.73         14.16         10.7           2000         6.00         9.19         6.31         13.68         10.40         8.22           2001         6.00         5.91         4.19         10.40         8.22         2003         6.00         7.21         5.61         11.70         9.66           2004         6.00         8.89         7.08         13.38         11.00         9.67           2004         6.00         8.89         7.08         13.38         11.00         9.67           2004         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2000         10.20         -         16.71         6.43         8.19           1998         13.31 <td< th=""><th></th><th></th><th></th><th></th><th>Contributory</th><th></th><th>Noncontributory</th></td<>					Contributory		Noncontributory
Molecularity         and School         Government         and School         Government           and Contributory         1996         6.00%         9.67%         6.42%         13.99%         10.27           Retirement System         1997         6.00         9.67         6.73         14.16         10.7           1999         6.00         9.67         6.73         14.16         10.7           2000         6.00         9.19         6.31         13.68         10.32           2001         6.00         5.91         4.19         10.40         8.6           2002         6.00         7.21         5.61         11.70         9.6           2004         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           Retirement System         1996         13.31%         -         16.71         6.44%         8.7           2001         0.77         -         8.43	System	Year	Member	Employer	Employer	Employer	Employer
Betirement System         1996         6.00%         9.67%         6.42%         13.99%         10.22           1997         6.00         9.67         6.50         14.16         10.57           1998         6.00         9.67         6.73         14.16         10.77           1999         6.00         9.67         6.73         14.16         10.77           2000         6.00         5.91         4.19         10.40         8.20           2001         6.00         5.91         4.68         10.40         8.20           2002         6.00         7.21         5.61         11.70         9.66           2004         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           1097         13.31         -         16.71         6.44%         7.99           Retirement System         1997         13.31         -         16.71         0.44         8.61 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Local Government</td>							Local Government
1997         6.00         9.67         6.73         14.16         10.51           1998         6.00         9.67         6.73         14.16         10.7           2000         6.00         9.19         6.31         13.68         10.3           2001         6.00         5.91         4.19         10.40         8.20           2002         6.00         5.91         4.68         10.40         8.62           2003         6.00         7.21         5.61         11.70         9.63           2004         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           1998         13.31         -         16.71         6.44%         8.61           2000         10.20         -         15.50         -         8.71           2001         6.77         -         8.43         -         8.82           2002         7.82         -		1996	6.00%	9.67%	6.42%	13.99%	10.24%
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         8.22           2002         6.00         5.91         4.68         10.40         8.62           2003         6.00         7.21         5.61         11.70         9.63           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2006         13.31%         -%         16.71%         6.64%         7.99           Retirement System         1997         13.31         -         16.71         4.43         8.43           2000         10.20         -         15.50         -         8.71           2001         6.77         -         8.43         -         10.33           2002	netirement system	1997	6.00	9.67	6.50	14.16	10.51
2000         6.00         9.19         6.31         13.68         10.32           2001         6.00         5.91         4.19         10.40         8.22           2002         6.00         5.91         4.68         10.40         8.62           2003         6.00         7.21         5.61         11.70         9.66           2004         6.00         8.89         7.08         13.38         11.09           2005         6.00         8.89         7.08         13.38         11.09           2005         6.00         8.89         7.08         13.38         11.09           Division 8 (with Social Security)         Division 8 (without Social Security)         All Division           Firefighters         1996         13.31%         -%         16.71%         6.64%         7.99           Retirement System         1997         13.31         -         16.71         0.54         8.60           2000         10.20         -         15.50         -         8.77           2001         6.77         -         8.43         -         8.20           2002         7.82         -         7.83         -         12.10		1998	6.00	9.67	6.73	14.16	10.74
2001         6.00         5.91         4.19         10.40         8.20           2002         6.00         5.91         4.68         10.40         8.60           2003         6.00         7.21         5.61         11.70         9.60           2004         6.00         8.89         7.08         13.38         11.09           2005         6.00         8.89         7.08         13.38         11.09           Member         Employer         Member         Employer         Fill Division           Firefighters         1996         13.31%         -%         16.71%         6.64%         7.99           Retirement System         1997         13.31         -         16.71         0.54         8.66           2000         10.20         -         15.50         -         8.77         2001         6.77         8.43         -         8.20           2002         7.82         -         7.83         -         10.33         2004         8.61         -         7.83         -         12.16           2002         7.82         -         7.83         -         12.16         -         12.16           2005         8.61<		1999	6.00	00 9.67 6.73		14.16	10.74
2002         6.00         5.91         4.68         10.40         8.69           2003         6.00         7.21         5.61         11.70         9.6           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           Member         Employer         Division B (with social Security)         Member         Fire Insurance           Firefighters         1996         13.31%         -%         16.71%         6.64%         7.93           Retirement System         1997         13.31         -         16.71         4.74         8.44           1999         13.31         -         16.71         0.54         8.60           2000         10.20         -         15.50         -         8.72           2001         6.77         -         8.43         -         8.20           2003         8.21         -         7.83         -         10.31           2004         8.61         -         7.83         -         12.10		2000	6.00	6.00 9.19 6.31		13.68	10.32
2003         6.00         7.21         5.61         11.70         9.62           2004         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           2005         6.00         8.89         7.08         13.38         11.00           Member         Employer         Division B (without Social Security)         Fill Division B (without Social Security Div		2001	6.00	5.91	4.19	10.40	8.20
2004         6.00         8.89         7.08         13.38         11.09           2005         6.00         8.89         7.08         13.38         11.09           Division A (with Social Security) Member         Division B (without Social Security) Member         Division B (without Social Security) Member         All Division Fire hearment Member           Firefighters         1996         13.31%        %         16.71%         6.64%         7.90           Retirement System         1997         13.31         -         16.71         6.43         8.11           1998         13.31         -         16.71         0.54         8.66           2000         10.20         -         15.50         -         8.71           2001         6.77         -         8.43         -         8.22           2002         7.82         -         7.83         -         10.33           2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           Judges         1996         8.00%         10		2002	6.00	5.91	4.68	10.40	8.69
2005         6.00         8.89         7.08         13.38         11.09           Division A (with Social Security) Member         Division B (without Social Security) Member         Division B (without Social Security) Member         All Division Fire Insurance Prenim Tax           Firefighters         1996         13.31%         -%         16.71%         6.64%         7.90           Retirement System         1997         13.31         -         16.71         6.43         8.11           1998         13.31         -         16.71         6.43         8.12           2000         10.20         -         15.50         -         8.71           2001         6.77         -         8.43         -         8.20           2002         7.82         -         7.83         -         12.10           2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2004         8.60         11.00         19.00         22.86         -           Judges         1997         8.00         7.39         15.39         21.16         -           124 Governors         1999		2003	6.00	7.21	5.61	11.70	9.62
Division A (with Social Security)         Division B (without Social Security)         All Division Fire Insurance Premium Tailow           Firefighters         1996         13.31%         -%         16.71%         6.64%         7.99           Retirement System         1997         13.31         -         16.71         6.43         8.19           1998         13.31         -         16.71         6.43         8.19           2000         10.20         -         16.71         4.74         8.44           1999         13.31         -         16.71         0.54         8.60           2000         10.20         -         15.50         -         8.71           2001         6.77         -         8.43         -         8.20           2002         7.82         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.11 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>13.38</td><td>11.09</td></t<>						13.38	11.09
Juvision A (with Social Security)         Division B (without Social Security)         Division B (without Social Security)         Fire Insurance           Firefighters         1996         13.31%        %         16.71%         6.64%         7.93           Retirement System         1997         13.31          16.71         6.43         8.19           1998         13.31          16.71         6.43         8.19           2000         10.20          15.50          8.71           2001         6.77          8.43          8.83           2002         7.82          7.83          10.33           2004         8.61          7.83          10.33           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83         -         12.10           2005         8.00         10.70%         -         25.62%         \$-           Retirement System         1997         8.00         12.21         20.2		2005	6.00	8.89	7.08	13.38	11.09
Firefighters         1996         13.31%        %         16.71%         6.64%         7.98           Retirement System         1997         13.31         -         16.71         6.43         8.19           1998         13.31         -         16.71         6.43         8.19           1998         13.31         -         16.71         6.43         8.19           1999         13.31         -         16.71         0.54         8.66           2000         10.20         -         15.50         -         8.77           2001         6.77         -         8.43         -         8.20           2002         7.82         -         7.83         -         10.33           2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$           Retirement System         1997         8.00         12.21         20.21%         24.11         - <td></td> <td></td> <td>Division A (with S</td> <td>Social Security)</td> <td>Division B (without S</td> <td>ocial Security)</td> <td>All Divisions Fire Insurance</td>			Division A (with S	Social Security)	Division B (without S	ocial Security)	All Divisions Fire Insurance
Retirement System         1997         13.31         −         16.71         6.43         8.19           1998         13.31         −         16.71         4.74         8.44           1999         13.31         −         16.71         4.74         8.44           1999         13.31         −         16.71         0.54         8.60           2000         10.20         −         15.50         −         8.77           2001         6.77         −         8.43         −         8.20           2002         7.82         −         7.83         −         10.33           2004         8.61         −         7.83         −         12.10           2005         8.61         −         7.83         −         12.10           2005         8.61         −         7.83         −         12.10           2005         8.61         −         7.83         −         12.10           2005         8.61         −         7.83         −         12.10           Judges         1996         8.00%         10.70%         −         25.62%         \$−           Retirement System         1997			Member	Employer	Member	Employer	Premium Tax
1998         13.31          16.71         4.74         8.44           1999         13.31          16.71         0.54         8.60           2000         10.20          15.50          8.71           2001         6.77          8.43          8.22           2002         7.82          7.83          8.88           2003         8.21          7.83          10.33           2004         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$-           Retirement System         1997         8.00	Firefighters		13.31%	%		6.64%	7.98%
1999         13.31          16.71         0.54         8.66           2000         10.20          15.50          8.71           2001         6.77          8.43          8.23           2002         7.82          7.83          8.83           2003         8.21          7.83          10.33           2004         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$-           Retirement System         1997         8.00	Retirement System	1997	13.31	—	16.71	6.43	8.19
2000         10.20         -         15.50         -         8.77           2001         6.77         -         8.43         -         8.24           2002         7.82         -         7.83         -         8.88           2003         8.21         -         7.83         -         10.33           2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$           Retirement System         1997         8.00         7.39         <		1998	13.31	—	16.71	4.74	8.48
2001         6.77         -         8.43         -         8.24           2002         7.82         -         7.83         -         8.84           2003         8.21         -         7.83         -         10.33           2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$           Fetirement System         1997         8.00         12.21         20.21%         24.11         -           1998         8.00         7.39		1999	13.31	—	16.71	0.54	8.60
2002       7.82       -       7.83       -       8.84         2003       8.21       -       7.83       -       10.33         2004       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         2005       8.61       -       7.83       -       12.10         Judges       1996       8.00%       10.70%       -       25.62%       \$-         Retirement System       1997       8.00       12.21       20.21%       24.11       -         1998       8.00       7.39       15.39       21.16       -         and Legislators       2000       8.00 <td< td=""><td>2000</td><td>10.20</td><td>_</td><td>15.50</td><td>_</td><td>8.71</td></td<>		2000	10.20	_	15.50	_	8.71
2003         8.21          7.83          10.33           2004         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           2005         8.61          7.83          12.10           Judges         1996         8.00%         10.70%          25.62%         \$           Retirement System         1997         8.00         12.21         20.21%         24.11            1998         8.00         7.39         15.39         21.16            and Legislators		2001	6.77	_	8.43	_	8.28
2004         8.61         -         7.83         -         12.10           2005         8.61         -         7.83         -         12.10           Judges           Judges         Governors ann Legislativi           Member         Contributory         Benployer         Court Fees         Governors ann Legislativi           Judges         1996         8.00%         10.70%         -         25.62%         \$           Judges         1996         8.00%         10.70%         -         25.62%         \$           Judges         1997         8.00         12.10           Judges         1996         8.00%         10.70%         -         25.62%         \$           Imployer         Court Fees         Governors and Legislators           1998         8.00         11.00         19.00         22.86         -           Quoto         5.55         18.93		2002	7.82	_	7.83	_	8.88
2005         8.61         -         7.83         -         12.10           Judges           Contributory         Noncontributory         Governors and Legislative           Member         Employer         Court Fees         Governors and Legislative           Judges         1996         8.00%         10.70%         -         25.62%         \$-           Betirement System         1997         8.00         12.21         20.21%         24.11         -           1998         8.00         11.00         19.00         22.86         -         -           Utah Governors         1999         8.00         7.39         15.39         21.16         -           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         -		2003	8.21	_	7.83	_	10.35
Judges         Judges         Governors and Legislative Appropriation           Judges         1996         8.00%         10.70%         —         25.62%         \$—           1998         8.00         12.21         20.21%         24.11         —           1998         8.00         11.00         19.00         22.86         —           Utah Governors         1999         8.00         7.39         15.39         21.16         —           and Legislators         2000         8.00         7.10         15.10         20.29         —           2002         4.92         —         4.92         18.40         —           2003         7.08         —         7.08         18.06         —           2004         2.00         5.14         7.14         19.69         —		2004	8.61	_	7.83	_	12.16
Contributory Member         Noncontributory Employer         Noncontributory Court Fees         Governors and Legislation           Judges         1996         8.00%         10.70%         —         25.62%         \$—           Retirement System         1997         8.00         12.21         20.21%         24.11         —           1998         8.00         11.00         19.00         22.86         —           Utah Governors         1999         8.00         7.39         15.39         21.16         —           and Legislators         2000         8.00         7.10         15.10         20.29         —           2002         4.92         —         4.92         18.40         —           2003         7.08         —         7.08         18.06         —           2004         2.00         5.14         7.14         19.69         —		2005	8.61	—	7.83	—	12.16
Contributory         Noncontributory         Legislative           Member         Employer         Employer         Court Fees         Appropriation           Judges         1996         8.00%         10.70%         —         25.62%         \$—           Retirement System         1997         8.00         12.21         20.21%         24.11         —           1998         8.00         11.00         19.00         22.86         —           Utah Governors         1999         8.00         7.39         15.39         21.16         —           and Legislators         2000         8.00         7.10         15.10         20.29         —           2002         4.92         —         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         —						Judges	Covernore and
Judges         1996         8.00%         10.70%         —         25.62%         \$—           Retirement System         1997         8.00         12.21         20.21%         24.11         —           1998         8.00         11.00         19.00         22.86         —           Utah Governors         1999         8.00         7.39         15.39         21.16         —           and Legislators         2000         8.00         7.10         15.10         20.29         —           2002         4.92         —         4.92         18.40         —           2003         7.08         —         7.08         18.06         —           2004         2.00         5.14         7.14         19.69         —							Legislative
Retirement System         1997         8.00         12.21         20.21%         24.11            1998         8.00         11.00         19.00         22.86            Utah Governors         1999         8.00         7.39         15.39         21.16            and Legislators         2000         8.00         7.10         15.10         20.29            Retirement Plan         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			Member	Employer	Employer	Court Fees	Appropriation
1998         8.00         11.00         19.00         22.86            utah Governors         1999         8.00         7.39         15.39         21.16            and Legislators         2000         8.00         7.10         15.10         20.29            Retirement Plan         2002         4.92          5.55         18.93            2003         7.08          7.08         18.06            2004         2.00         5.14         7.14         19.69	Judges	1996	8.00%	10.70%	_	25.62%	\$—
Utah Governors         1999         8.00         7.39         15.39         21.16            and Legislators         2000         8.00         7.10         15.10         20.29            Retirement Plan         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	Retirement System	1997	8.00	12.21	20.21%	24.11	_
and Legislators       2000       8.00       7.10       15.10       20.29          Retirement Plan       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	-	1998	8.00	11.00	19.00	22.86	_
Retirement Plan $2001$ $5.55$ $ 5.55$ $18.93$ $ 2002$ $4.92$ $ 4.92$ $18.40$ $ 2003$ $7.08$ $ 7.08$ $18.06$ $ 2004$ $2.00$ $5.14$ $7.14$ $19.69$ $-$		1999	8.00	7.39	15.39	21.16	_
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•	2000	8.00	7.10	15.10	20.29	_
20024.924.9218.4020037.087.0818.0620042.005.147.1419.69	Retirement Plan	2001	5.55	_	5.55	18.93	_
20037.08-7.0818.06-20042.005.147.1419.69-				_			_
2004 2.00 5.14 7.14 19.69 —			7.08	_	7.08	18.06	_
				5.14			_
		2005	2.00	6.26	8.26	19.19	_

## Member and Employer Contribution Rates (Continued)

As of December 31

		Sta	ate of Utah		r Division A ial Security)		Bountiful
System	Year	Member	Employer	Member	Employer	Member	Employer
Public Safety	1996	_	20.60%	_	14.47%	_	16.97%
Retirement	1997	_	22.94	_	17.09	_	20.65
System	1998	_	23.14	_	17.42	_	22.05
Noncontributory	1999	_	24.98	_	18.43	_	23.99
Division A	2000	—	23.62	—	17.40	—	23.18
	2001	_	19.68	_	14.08	_	19.03
	2002	_	18.94	_	13.89	_	17.41
	2003	_	21.15	_	16.24	_	18.63
	2004	_	23.46	_	19.08	_	19.68
	2005	—	23.46	—	19.34	—	19.68
Public Safety	1996	12.29%	10.82%	12.29%	3.72%	11.94%	5.77%
Retirement	1997	12.29	12.26	12.29	5.62	11.94	8.98
System	1998	12.29	12.26	12.29	5.87	11.94	10.36
Contributory	1999	12.29	14.12	12.29	6.84	_	_
Division A	2000	12.29	12.98	12.29	5.88	_	_
	2001	12.29	8.81	12.29	2.41	_	_
	2002	12.29	8.05	12.29	2.17	_	_
	2003	12.29	10.02	12.29	4.52	_	_
	2004	12.29	12.50	12.29	7.70	_	_
	2005	12.29	12.50	12.29	7.95	—	

		Salt Lake City Ogden			Logan Provo			Other Division B (without Soc Sec)			
		Member	Employer	Member	Employer	Member	Employer	Member	Employer	Member	Employer
Public Safety	1996	_	31.51%	_	24.03%	_	_	_	_	_	15.94%
Retirement	1997	_	33.68	_	24.77	_	_	_	_	_	17.29
System	1998	_	33.68	_	25.49	_	_	_	_	_	17.07
Noncontributory	1999	_	36.14	_	25.80	_	_	_	_	_	19.85
Division B	2000	_	34.73	_	24.47	_	_	_	_	_	19.01
	2001	_	30.72	_	21.06	_	_	_	_	_	16.75
	2002	_	28.27	_	17.98	_	14.79%	_	_	_	17.66
	2003	_	30.05	_	20.85	_	17.10	_	_	_	19.42
	2004	_	32.52	_	24.30	_	20.77	_	_	_	22.17
	2005	—	32.52	—	24.30	—	21.25	—	—	—	22.32
Public Safety	1996	13.74%	20.38%	13.18%	12.65%	11.13%	4.65%	13.54%	11.03%	10.50%	5.27%
Retirement	1997	13.74	21.82	13.18	12.65	11.13	6.72	13.54	12.81	10.50	7.55
System	1998	13.74	21.82	13.18	12.90	11.13	7.76	13.54	12.81	10.50	7.11
Contributory	1999	13.74	24.00	13.18	12.83	11.13	8.28	13.54	13.52	10.50	9.97
Division B	2000	13.74	22.56	13.18	12.23	11.13	6.96	13.54	12.58	10.50	8.92
	2001	13.74	18.21	13.18	9.08	11.13	2.93	13.54	9.72	10.50	6.43
	2002	13.74	15.50	_	_	11.13	3.66	13.54	9.47	10.50	7.34
	2003	13.74	17.61	_	_	11.13	5.97	13.54	10.85	10.50	9.47
	2004	13.74	19.96	_	_	11.13	10.03	13.54	12.22	10.50	12.35
	2005	13.74	19.96	—	—	11.13	10.54	13.54	12.22	10.50	12.47

## Solvency Tests

		(1)	(2)	(3) Active	
System	Date	Active Members Contributions	Retired and Beneficiaries	Member (Employer Financed Portion)	
Noncontributory Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 969,310 977,799 981,227 974,082 962,724 971,496 955,624 878,125 850,926 823,385	2,273,016 2,547,911 2,888,469 3,019,704 3,404,486 3,751,586 4,171,062 4,587,481 5,051,930 5,793,312	3,675,632 4,128,625 4,466,035 5,012,522 5,566,304 6,082,942 6,637,667 6,885,704 7,332,588 7,549,851	
Contributory Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 182,158 197,833 214,828 231,996 247,491 267,963 285,260 283,694 296,155 309,463	523,025 499,390 478,808 451,865 447,521 425,956 416,552 409,430 407,905 430,627	$163,540 \\183,276 \\198,347 \\210,623 \\240,787 \\254,993 \\275,106 \\289,445 \\309,776 \\307,454 \\$	
Public Safety Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 84,621 86,500 87,640 87,169 85,774 85,106 84,479 81,121 94,259 91,988	355,291 394,325 448,200 485,980 540,074 610,272 669,736 742,358 827,157 925,699	426,592 471,275 498,307 532,017 581,028 670,756 704,276 733,279 805,369 833,948	
Firefighters Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 56,890 60,314 65,671 70,055 73,003 76,510 78,253 79,177 81,754 82,682	$169,852 \\189,904 \\204,540 \\212,537 \\240,403 \\257,301 \\270,842 \\289,194 \\306,927 \\336,442$	$135,669 \\ 134,757 \\ 137,492 \\ 136,565 \\ 142,050 \\ 157,463 \\ 172,069 \\ 181,007 \\ 190,210 \\ 197,964$	
Judges Retirement System	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$	\$ 7,045 7,419 7,603 7,990 8,025 8,355 8,639 7,873 8,058 7,893	$\begin{array}{c} 31,108\\ 34,607\\ 36,433\\ 35,621\\ 38,603\\ 40,022\\ 40,800\\ 47,713\\ 48,904\\ 53,724\end{array}$	$\begin{array}{c} 21,902\\ 20,380\\ 23,175\\ 24,523\\ 27,334\\ 37,610\\ 41,134\\ 42,316\\ 47,248\\ 49,050\end{array}$	
Utah Governors and Legislators Retirement Plan	$\begin{array}{c} 1/01/97\\ 1/01/98\\ 1/01/99\\ 1/01/00\\ 1/01/01\\ 1/01/02\\ 1/01/03\\ 1/01/03\\ 1/01/04\\ 1/01/05\\ 12/31/05\end{array}$		4,429 4,467 4,715 5,573 5,081 5,079 5,212 5,044 4,989 5,225	2,367 2,307 2,348 2,476 2,623 2,900 3,307 3,590 3,569 3,289	

#### (dollars in thousands)

Actuarial Accrued Liabilities					
(4) Total Actuarial	Actuarial Value	Port	ion of Actuarial Accrued L	iabilities Covered by Asse	ts
Accrued Liabilities	of Assets	(1)	(2)	(3)	(4)
$\begin{array}{c} 6,917,958\\ 7,654,335\\ 8,335,731\\ 9,006,308\\ 9,933,514\\ 10,806,024\\ 11,764,353\\ 12,351,310\\ 13,235,444\\ 14,166,548\\ \end{array}$	5,969,813 6,922,583 7,931,193 9,237,447 10,361,333 11,104,334 10,848,586 11,657,525 12,212,437 13,065,512	100%     100	100%     100	$74\% \\ 82 \\ 91 \\ 100 \\ 100 \\ 100 \\ 86 \\ 90 \\ 86 \\ 85 \\ 85$	86% 90 95 103 104 103 92 94 92 92 92
868,723 880,499 891,983 894,484 935,799 948,912 976,918 982,569 1,013,836 1,047,544	772,977 809,388 840,215 878,190 924,573 927,523 899,290 913,949 933,974 955,390	100% 100 100 100 100 100 100 100 100 100	$     100\% \\     100 \\     100 \\     100 \\     100 \\     100 \\     100 \\     100 \\     100 \\     100 \\     100 \\     100     10     10     100     10     10     10     10   $	41% 61 74 92 95 92 72 76 74 70	89% 92 94 98 99 98 92 93 92 91
$\begin{array}{c} 866,504\\ 952,100\\ 1,034,147\\ 1,105,166\\ 1,206,876\\ 1,366,134\\ 1,458,491\\ 1,556,758\\ 1,726,785\\ 1,851,635\end{array}$	755,106 867,151 988,800 1,146,331 1,286,996 1,376,466 1,349,435 1,448,888 1,524,904 1,633,022	100% 100 100 100 100 100 100 100 100 100	100% 100 100 100 100 100 100 100 100 100	74% 82 91 100 100 100 85 85 75 74	87% 91 96 104 107 101 93 93 88 88
362,411 384,975 407,703 419,157 455,456 491,274 521,164 549,378 578,891 617,088	329,475 376,178 423,405 483,374 536,503 569,151 553,589 589,502 610,688 644,496	100% 100 100 100 100 100 100 100 100 100	100%     100	76% 93 100 100 100 100 100 100 100 100	91% 98 104 115 118 116 106 107 105 104
60,055 62,406 67,211 68,134 73,962 85,987 90,573 97,902 104,210 110,667	50,721 59,373 67,998 78,130 87,139 92,649 90,904 97,412 100,814 106,374	100% 100 100 100 100 100 100 100 100 100	100%     100	57% 85 100 100 100 100 100 99 93 91	84% 95 101 115 118 108 100 99 97 96
7,020 6,998 7,278 8,253 7,908 8,182 8,706 8,812 8,727 8,662	8,636 9,318 9,988 10,946 11,569 11,710 10,719 10,905 10,650 10,587	100%     100	100%     100	$     \begin{array}{r}       100\% \\       100 \\      $	123% 133 137 133 146 143 123 124 122 122

## Schedules of Active Member Valuation Data

		Number of			Ac	tive Members	Inflation
System	Year	Participating Employers	Active Members	Annual Payroll	Average Pay	Percent Increase	Increase (CPI)
Noncontributory	1996	336	73,652	\$2,054,879,000	28,580	6.04%	3.30%
Retirement	1997	344	75,599	2,200,988,000	30,013	5.01	1.70
System	1998	349	77,512	2,365,650,000	31,063	3.50	1.60
	1999	356	81,132	2,499,087,000	31,577	1.65	2.70
	2000	367	81,894	2,659,200,000	32,744	3.70	3.40
	2001	374	81,383	2,832,060,000	34,581	5.61	1.60
	2002	376	82,486	2,926,449,000	35,481	2.60	2.40
	2003	380	83,156	2,959,347,000	35,806	0.92	1.90
	2004	391	85,046	3,084,317,000	36,643	2.34	3.30
	2005	401	85,637	3,165,504,000	37,633	2.70	3.40
Contributory	1996	225	4,830	\$ 141,974,000	29,081	3.81%	3.30%
Retirement	1997	209	4,522	138,231,000	30,860	6.12	1.70
System	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
Public Safety	1996	115	5,736	\$ 176,979,000	31,429	5.38%	3.30%
Retirement	1997	115	6,041	195,464,000	32,885	4.63	1.70
System	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

## Schedules of Active Member Valuation Data (Continued)

		Number of			Ad	ctive Members	Inflation
System	Year	Participating Employers	Active Members	Annual Payroll	Average Pay	Percent Increase	Increase (CPI)
Firefighters	1996	28	1,224	\$45,969,000	38,062	2.16%	3.30%
Retirement	1997	33	1,281	51,287,000	39,695	4.29	1.70
System	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
Judges	1996	1	100	\$ 8,981,000	90,350	2.44%	3.30%
Retirement	1997	1	102	9,286,000	92,532	2.42	1.70
System	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
Utah Governors	1996	1	95	\$ 482,000	4,667	22.01%	3.30%
and Legislators	1997	1	90	468,000	5,419	16.11	1.70
Retirement Plan	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

## Schedules of Retirants and Beneficiaries

System	Year	Number Added	Number Removed	Total Retirants and Beneficiaries	Annual Allowances	% Increase in Annual Allowances	Average Annual Allowances
Noncontributory	1996	1,448	50	11,872	\$161,036,000	10.04%	\$13,164
Retirement	1997	1,429	78	13,223	186,262,000	15.66	13,668
System	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
Contributory	1996	61	524	10,229	\$ 64,494,000	(11.31)%	\$ 5,652
Retirement	1997	69	545	9,753	63,884,000	(0.95)	5,916
System	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
Public Safety	1996	117	19	1,817	\$ 28,223,000	11.68%	\$14,328
Retirement	1997	123	8	1,932	30,972,000	9.74	14,868
System	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

## Schedules of Retirants and Beneficiaries (Continued)

System	Year	Number Added	Number Removed	Total Retirants and Beneficiaries	Annual Allowances	% Increase in Annual Allowances	Average Annual Allowances
Firefighters	1996	35	5	676	\$12,888,000	9.51%	\$15,744
Retirement	1997	43	9	710	14,321,000	11.12	16,896
System	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
Judges	1996	1	3	69	\$ 2,472,000	4.97%	\$34,776
Retirement	1997	5	1	73	2,690,000	8.82	35,796
System	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
Utah Governors	1996	8	8	200	\$ 504,000	3.49%	\$ 2,448
and Legislators	1997	12	2	210	519,000	2.98	2,400
Retirement Plan	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

## Noncontributory Retirement System Summary of Plan Provisions

	Noncontributory
Description	Requirement L
Membership Eligibility	The Public Employees Noncontributory Retirement System was established on July 1, 1986. All eligible employees of the State and School entities hired subsequent to that date are auto- matically members of the Noncontributory System. Local government entities had the option of adopting the new System or remaining with the Contributory System. An employee is qualified for membership in the Noncontributory 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 or more per week, regardless of benefits provided.
Vesting	Retirement benefit becomes vested upon the member's completion of 4 years of qualifying service.
Service Retirement	AgeYears of ServiceAllowance Reduction†Any age
Service Benefit Formula	<ul> <li>Number of years of service x 2.0% x FAS*.</li> <li>*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.</li> </ul>
Cost of Living Allowance	Up to 4% annually on the original retirement benefit. Eligible after one year.
Death Benefits	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.
Redeposits	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.
Contribution Rates (as of 12-31-05)	Employer rate for State & School (Level A) is 13.38% of covered salary and 11.09% for Local Government (Level B).
Interest	Up to 8% on member accounts transferred from the Contributory Retirement System.

## Contributory Retirement System Summary of Plan Provisions

#### ( 'ontributory Description Requirement The Public Employees Contributory Retirement System includes eligible public employees of Membership Eligibility 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 Years of Service Aae Allowance Reduction<sup>†</sup> 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. 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 x 2.0% x 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. Up to 4% annually on the original retirement benefit. Eligible after one year. **Cost of Living Allowance Death Benefits** 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. 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. Redeposits 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. **Contribution Rates** Member contribution rate is 6.00%\* of covered salary. Employer rate for State and School (as of 12-31-05) (Level A) is 8.89% of covered salary and 7.08% for Local Government (Level B). \*Employers have the option of paying all or part of member contributions on behalf of their employees. **Interest** Up to 8% on member accounts.

## Public Safety Retirement System Summary of Plan Provisions

	Public Serva	ice
Description	Requirement	
Membership Eligibility	The Public Safety Retirement System includes eligible state and local government employed directly involved in law enforcement. The Public Safety System consists of the Contributory Noncontributory divisions. Employees are qualified for membership in the Public Safety S if: (1) they are regularly scheduled to work and be compensated for 2,080 hours a year in 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; a (4) in the course of employment their life or personal safety is at risk.	y and System a ;
Vesting	Retirement benefit becomes vested upon the member's completion of 4 years of service cre Eligible member contributions vest immediately.	edit.
Service Retirement	Age         Years of Service         Allowance Reduction†           Any age	
Service Benefit Formula	<ol> <li>2.5% x FAS* x years of service up to 20 years.</li> <li>2.0% x FAS* x years of service over 20 years.</li> <li>Monthly benefit = total of 1 and 2.**</li> </ol>	
	*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.	
Cost of Living Allowance	Up to 2.5% annually on original retirement benefit. Eligible after one year.	
Death Benefits	<b>Division A (with Social Security)</b> If death is in the line of duty, the benefit to the surviving spouse is \$1,000 plus a monthly fit of 30% of the final average salary. In the noncontributory system only, if the member has years of service credit, the spouse's benefit is the same as for a retired member. If death is not the line of duty, the benefit is \$1,000 or a refund of contributions for members with fewer 10 years of service. For more than 10 years of service, the benefit to the surviving spouse is plus a monthly benefit of 2% of the final average salary for each year of service to a maxim 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 of dren receive no additional benefits. A retired member's death benefit to the surviving spouse 65% of the monthly benefit.	as 20 not in than \$500 num chil-

## Public Safety Retirement SystemSummary of Plan Provisions (Continued)

#### Description Requirement

#### 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.

- **Refunds** 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.
- **Redeposits** 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.

#### Contribution Rates Noncontributory Option

(as of 12-31-05) Employer rates for Division A are: State units 23.46%; Bountiful 19.68%; and other units 19.34% of covered salary. Employer rates for Division B are: Salt Lake City 32.52%; Ogden 24.30%, Logan 21.25% and all other units 22.32% 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 12.50%; and other law enforcement units 7.95% of covered salary. Employer rates for Division B are: Salt Lake City 19.96%; Logan 10.54%; Provo 12.22%; and other units 12.47% of covered salary.

\*Employers have the option of paying all or part of member contributions on behalf of their employees.

Interest Up to 8% on member accounts.

## Firefighters Retirement System Summary of Plan Provisions

Description Requirement

# Firefighters

Membership Eligibility	directly involved does not classify Employees Contr membership in the sated for 2,080 he to hazardous dut fire department defits, they or their	in fire fighting and whethe duties as hazardous ibutory or Noncontribute he Firefighters System i ours a year in a regular y. Although volunteer f lo not contribute to the beneficiaries receive be	des eligible state and local goverr ose duties are classified as hazard s, the employee will be enrolled in utory Retirement System. Employe f they are regularly scheduled to v constituted fire department and a irefighters who are on the rolls of e System and are not eligible for s nefits based on the salary of the l v killed in the line of duty.	ous. If an employer n either the Public ees are qualified for work and be compen- are regularly assigned f a regularly constituted ervice retirement bene-			
Vesting		ît becomes vested upor contributions vest imm	n the member's completion of 4 y nediately.	ears of service credit.			
Service Retirement	60		Allowance Reduction† None None None				
Service Benefit Formula	<ol> <li>2.0% x FAS* x</li> <li>3) Monthly bene</li> <li>*FAS (Final Averag Yearly salary in</li> </ol>	creases are limited to 10%		average.			
Cost of Living Allowance	Up to 4.0% annu	ally on original retirem	nent benefit. Eligible after one yea	ır.			
Disability Benefits	mum age or servi contributions for five years of servi	If disability is in the line of duty, the benefit is 50% of the final average salary with no mini- mum age or service requirements. If disability is not in the line of duty, the benefit is a refund or 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.					
Death Benefits	If death is in the fit of 30% of fina years of service cr cannot exceed 70 If death is no members with fer the benefit to the	I average salary. If death redit, the spouse's bene 9% of the final average s ot in the line of duty, th wer than 10 years of ser e surviving spouse const	t to the surviving spouse is \$1,500 h is in the line of duty, and the m fit is the same as for a retired mer salary. he benefit is \$1,000 or a refund of rvice. For members with more tha ists of \$500 plus a monthly benef a maximum of 30% of the final a	ember has 20 or more nber. Total benefits f contributions for in 10 years of service, fit of 2% of the final			

## Firefighters Retirement System Summary of Plan Provisions (Continued)

#### Description Requirement

#### 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** 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.
- **Redeposits** 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.

**Contribution Rates** (as of 12-31-05) Member rate in Division A is 8.61% of covered salary. Member rate in Division B is 7.83% 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 12.16% 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
Description	Requirement
Membership Eligibility	The Judges Retirement System includes justices and judges of the courts of record as authorized in state statutes.
Vesting	Retirement benefit becomes vested upon the member's completion of 6 years of service credit. Eligible member contributions and interest thereon vest immediately.
Service Retirement	AgeYears of ServiceAllowance ReductionAny age
Service Benefit Formula	<ol> <li>5.00% x FAS*x years of service up to 10 years.</li> <li>2.25% x FAS*x years of service between 10 and 20 yrs.</li> <li>1.00% x FAS*x years of service over 20 years.</li> <li>Monthly benefit = total of 1, 2, and 3.**</li> <li>*FAS (Final Average Salary) = highest two years' earnings in judicial service converted to a monthly average. Yearly salary increases are limited to 10% plus a COLA determined by the CPI.</li> <li>**Benefits paid cannot exceed 75% of FAS.</li> </ol>
Cost of Living Allowance	Up to 4% compounded annually, beginning one year after retirement.
Death Benefits	An active or inactive member's death benefit to the surviving spouse consists of a refund of member contributions and interest plus 65% of the final average salary on a yearly rate, or a monthly allowance equal to 65% of the amount computed for a service retirement with no early retirement reduction. A retired member's death benefit to the surviving spouse is 65% of the member's monthly benefit at the time of death. If the member elected a reduced monthly benefit, the surviving spouse will receive a death benefit of 75% of the member's monthly benefit.
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.
Redeposits	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.
Contribution Rates (as of 12-31-05)	<b>Noncontributory Option</b> —Employer rate includes 8.26% of covered salary and 19.19% from court fees.
	<b>Contributory Option</b> — Member rate is 2.00% of covered salary. Employer rate includes 6.26% of covered salary and 19.19% from court fees.
Interest	Up to 8% on member accounts.

## **Utah Governors and Legislators Retirement Plan** Summary of Plan Provisions

		Go	vernors an	d Legislators				
Description	Requirement	U		200101010				
Membership Eligibility	The Utah Governo of the State of Uta		irement Plan includes only	y governors and legislators				
Vesting	Retirement benefit	t becomes vested upor	n the member's completion	n of 4 years of service credit.				
Service Retirement			Allowance Reduction					
	62							
Service Benefit Formula	<i>Governors</i> \$500 per month p as of 12-31-05 is \$		ii-annually up to 2% based	l on the CPI. The amount				
	* *	r each year of service a nount as of 12-31-05	0	ni-annually up to 2% based				
Cost of Living Allowance	Up to 4% annually	y on the original retir	ement benefit. Eligible afte	r one year.				
Death Benefits	50% of the retirem upon reaching age	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.						
Contribution Rates (as of 12-31-05)	There are currently Retirement Plan.	v no required contribu	tions to the Utah Governo	ors and Legislative				

## Utah Retirement Systems Summary of Plan Provisions (Continued)

## Changes in Plan Provisions

he following retirement-related bills were passed by the 2005 Utah Legislature:



**Public Safety Retirement System** 

#### HB 217 Public Safety Retirement — Exemption of Certain Employees

Allows an eligible commissioner of public safety to retire from the Public Safety Contributory or Public Safety Noncontributory Retirement System, receive a retirement allowance, and continue in the same position.

#### SB 130 Retirement for Airport Police

Allows a public safety employee to elect to remain in the employee's current retirement system if he or she is employed by an airport police department which elects to cover its public safety service employees under the Public Safety Noncontributory Retirement system; provides certain procedures for election.

#### General

#### HB 180 (sub) Retirement Office Amendments

Makes technical amendments to the Utah Retirement Act; clarifies:

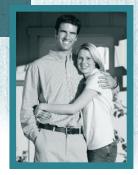
- the definition of "exempt employee;"
- the ability to purchase service credit;
- the process for filing a beneficiary designation;
- the scope of the hearing process;
- who is eligible for a volunteer firefighter benefit.

## Defined Contribution Plans

## Summary of Plan Provisions

#### Introduction

he 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, and 408 of the Internal Revenue Code and are available to state, local government, and education employees throughout Utah whose employees 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(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 2005 to an annual maximum of \$14,000. Employer contributions and employee deferrals combined could not exceed the lesser of \$42,000 or 100% of compensation.

#### **Defined Contribution Plans**

#### Summary of Plan Provisions (Continued)

- 457—Limited to an annual maximum of \$14,000 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 were coordinated.

457—None.

*Roth and Traditional IRA*—All IRA contributions must be coordinated.

#### **Catch-up Provisions**

- **401**(*k*)—An additional \$4,000 for participants 50 or older during the year.
- 457—An additional \$4,000 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 \$500 for participants 50 or older.

#### Withdrawals

- **401**(*k*)—Allowable upon termination of employment, age 59 <sup>1</sup>/<sub>2</sub>, retirement, disability, death, or hardship caused by immediate and heavy financial needs.
- 457—Allowable upon termination of employment, age 70<sup>1</sup>/<sub>2</sub>, 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 59<sup>1</sup>/<sub>2</sub>.

#### 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 transferred any or all of their current account between 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.

#### **2005 Investment Options**

#### Income Fund

The *Income Fund* is a stable 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.

#### **Defined Contribution Plans**

#### Summary of Plan Provisions (Continued)

#### 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, 35% bonds and 5% shortterm funds. 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.

#### 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.

#### **Horizon Funds Asset Allocations**

	Short Horizon Fund	Medium Horizon Fund	Long Horizon Fund
Income Fund	20%	_	_
Bond Fund	65	45	20
Large Cap Stock Value Fund	_	10	10
Large Cap Stock Index Fund	10	15	25
Large Cap Stock Growth Fund	_	10	10
International Fund	5	15	25
Small Cap Stock Fund	—	5	10
Total	100%	100	100

#### 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.

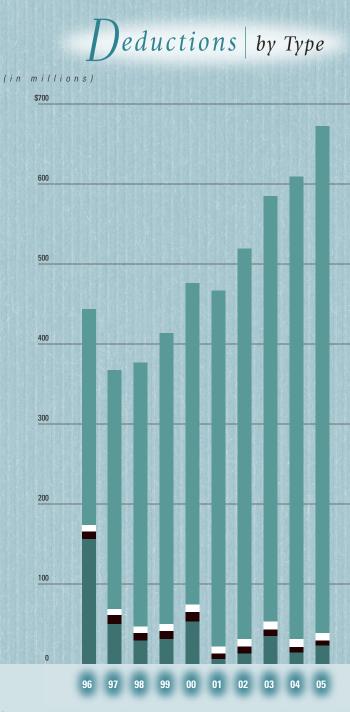
The *Medium Horizon Fund* is designed for investors planning to withdraw their funds in five to ten years. This fund emphasizes moderate risk and moderate earnings potential. It has more risk than the Short Horizon Fund, but less than the Long Horizon Fund.

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.

The historical rates of returns for each investment fund are found on page 101.

Retirement Systems

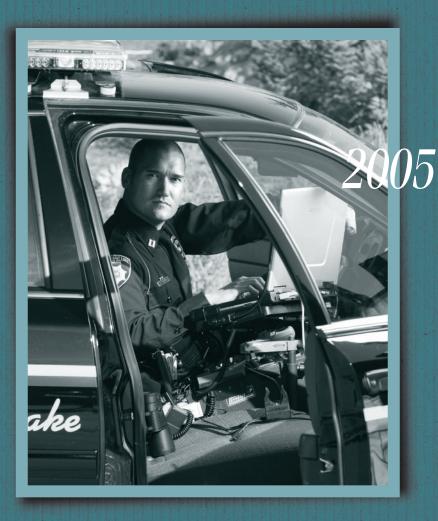
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1 : .												
(ir	n millions)	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
🔵 Ber	nefits	\$270	299	330	364	403	445	489	533	579	634	
Adr	ministrative Expense	8	8	8	9	9	9	9	10	10	10	
🔴 Ref	funds	10	11	10	10	12	7	9	8	7	6	
🔵 Trai	nsfers to Systems	158	52	31	33	55	8	15	37	16	25	
	Totals	\$446	370	379	416	479	469	522	588	611	674	
🔴 Ref	funds nsfers to Systems	10 158	11 52	10 31	10 33	12 55	7	9 15	8	7		6 25

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138 Schedules of Average Benefit Payments
140 Schedule of Participating Employers

## Schedules of Additions by Source

Year Ended December 31			Total Employer	Contributions	Employer			
(dollars System	in th Year	ousands) Member Contributions	Employer Contributions	Court Fees and Fire Insurance Tax	Contributions as a Percent of Covered Payroll	Net Investment Income	Transfers from Systems	Total Additions
Noncontributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 6,679 7,301 7,698 10,829 11,518 10,969 12,496 11,517 14,377 19,817	260,068 294,937 318,635 338,704 352,339 331,951 291,256 314,511 369,109 406,795		$\begin{array}{c} 12.66\% \\ 13.40 \\ 13.47 \\ 13.55 \\ 13.25 \\ 11.72 \\ 9.95 \\ 10.63 \\ 11.97 \\ 12.85 \end{array}$	\$ 832,473 1,047,207 734,399 1,421,401 186,787 (544,848) (788,906) 2,315,577 1,547,605 1,185,095	157,272 50,333 27,219 28,034 51,020 5,255 12,166 	$\begin{array}{c} 1,256,492\\ 1,399,778\\ 1,087,951\\ 1,798,968\\ 601,664\\ (196,673)\\ (472,988)\\ 2,641,605\\ 1,941,674\\ 1,611,707\end{array}$
Contributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 8,765 8,537 8,399 8,525 8,464 8,604 8,923 8,673 9,023 10,300	$\begin{array}{c} 10,224\\ 10,651\\ 10,729\\ 10,840\\ 10,484\\ 8,480\\ 6,735\\ 7,297\\ 9,564\\ 10,357\end{array}$		$\begin{array}{c} 7.20\% \\ 7.71 \\ 7.83 \\ 7.88 \\ 7.43 \\ 5.93 \\ 4.73 \\ 5.23 \\ 6.86 \\ 7.52 \end{array}$	\$ 123,006 133,286 84,692 148,794 17,543 (47,761) (64,251) 186,339 117,340 88,388	1,735 1,770 	141,995 152,474 105,555 169,929 36,491 (30,677) (48,593) 235,572 135,927 128,610
Public Safety Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 4,151 4,345 4,463 3,900 4,132 3,976 4,258 4,448 5,038 4,806	29,271 34,217 40,099 45,110 49,353 46,113 42,264 46,655 56,319 61,326		$16.54\% \\ 17.51 \\ 18.88 \\ 19.96 \\ 19.90 \\ 17.68 \\ 15.74 \\ 16.76 \\ 19.17 \\ 20.53$	\$ 107,070 132,490 92,284 177,027 23,226 (67,688) (97,816) 288,126 192,784 148,071	434 918 1,938 2,305 2,027 1,416 1,956 2,002 4,002 4,257	140,926 171,970 138,784 228,342 78,738 (16,183) (49,338) 341,231 258,143 218,460
Firefighters Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 7,461 8,358 8,771 9,352 9,617 7,549 5,800 6,055 6,292 6,726	2,002 2,836 2,546 1,221 140 — — —	4,333 4,552 4,391 4,516 6,615 8,354 9,454 9,059 8,659 9,601	$\begin{array}{c} 13.78\% \\ 14.41 \\ 12.77 \\ 9.97 \\ 10.68 \\ 12.43 \\ 13.25 \\ 11.98 \\ 10.87 \\ 11.43 \end{array}$	\$ 46,626 57,541 39,699 75,242 9,733 (28,038) (40,198) 117,392 77,602 58,827	$\begin{array}{r} 30\\ 311\\ 432\\ 466\\ 1,303\\ 1,517\\ 735\\ 625\\ 980\\ 601\end{array}$	60,452 73,598 55,839 90,797 27,408 (10,618) (24,209) 133,131 93,533 75,755
Judges Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 734 482 15 8 8 7 5 103 8 8	833 1,305 1,792 1,637 1,476 1,007 472 551 723 792	1,898 1,901 1,912 1,681 1,946 2,046 2,381 1,939 1,808 1,605	30.41% 34.53 39.45 32.84 32.91 27.94 25.53 22.87 21.73 20.67	\$ 7,114 8,933 6,260 12,048 1,571 (4,559) (6,564) 19,417 12,852 9,762	102 754 427 116 183 239 560 1,128 204 518	$10,681 \\ 13,375 \\ 10,406 \\ 15,490 \\ 5,184 \\ (1,260) \\ (3,146) \\ 23,138 \\ 15,595 \\ 12,685$
Utah Governors and Legislators Retirement Plan	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$			%       	\$ 1,270 1,481 973 1,757 218 (595) (806) 2,202 1,381 997	$     \begin{array}{r}                                     $	1,270 1,496 989 1,774 234 (577) (803) 2,202 1,399 1,013

## Schedules of Deductions by Type

Year Ended December 31

#### (in thousands)

	(in t	housands)				
System	Year	Benefit Payments	Refunds	Administrative and Actuarial Expense	Transfers to Systems	Total Deductions
Noncontributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004	\$161,036 186,262 213,752 243,829 276,878 311,311 348,230 386,791 424,897	4,774 4,995 4,500 4,343 5,292 3,264 3,715 3,310 3,029	5,721 6,323 6,460 7,093 6,850 6,695 7,103 8,124 7,758	326 304 3,502 4,703 — 37,006	171,857 197,884 228,214 259,968 289,020 321,270 359,048 435,231 435,684
	2004	469,695	3,189	7,557	24,957	505,398
Contributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 64,494 63,884 62,249 61,141 60,317 59,575 59,497 57,863 56,992 57,100	4,833 4,735 4,168 4,232 5,040 3,087 3,716 3,358 2,945 1,800	985 794 743 789 680 654 624 675 618 578	157,599 51,957 27,742 27,399 54,549 8,445 15,420 	227,911 121,370 94,902 93,561 120,586 71,761 79,257 61,896 76,342 59,478
Public Safety Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 28,223 30,972 34,374 38,549 42,769 48,607 53,962 59,941 66,329 74,041	895 611 639 731 971 542 1,155 666 960 1,026	766 792 803 916 840 843 899 1,006 978 985	44 7 	29,884 32,375 35,860 40,203 44,580 49,992 56,016 61,613 68,267 76,052
Firefighters Retirement	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 12,888 14,321 15,741 16,955 18,738 20,778 22,288 23,520 25,263 27,269	84 298 274 292 312 543 422 414 106 72	331 331 325 361 319 318 323 360 345 331	2 19 493 596 — — — — —	13,305 14,969 16,833 18,204 19,369 21,639 23,033 24,294 25,714 27,672
Judges Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 2,472 2,690 3,002 3,160 3,322 3,659 3,804 4,361 4,518 4,755	8 — — — — — — —	55 55 53 59 52 52 57 63 61 60	80 	2,527 2,833 3,055 3,219 3,374 3,711 3,861 4,424 4,579 4,815
Utah Governors and Legislators Retirement Plan	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 504 519 538 583 662 691 708 726 712 755	$ \begin{array}{c} 1 \\ - \\ 2 \\ 1 \\ 2 \\ - \\ 5 \\ - \\ 5 \\ - \\ - \\ 5 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	7 6 6 6 6 5 6 5 5 5	   12 	512 526 544 591 669 699 713 744 723 760

## Schedules of Benefit Deductions by Type

Year Ended December 31

(in thousands)

System	Year	Service and Disability Benefits	Cost of Living Benefits	Supplemental Benefits	Total Benefits
Noncontributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$138,373 159,169 182,013 207,798 236,377 265,102 294,735 327,972 360,819 397,759	22,663 27,093 31,739 36,031 40,501 46,209 53,495 58,819 64,078 71,936		$161,036\\186,262\\213,752\\243,829\\276,878\\311,311\\348,230\\386,791\\424,897\\469,695$
Contributory Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 40,580 39,784 38,276 37,371 36,662 36,714 37,256 36,520 36,620 37,508	19,445 20,085 20,419 20,647 20,929 20,528 20,292 19,719 19,041 18,479	4,469 4,015 3,554 3,123 2,726 2,333 1,949 1,624 1,331 1,113	64,494 63,884 62,249 61,141 60,317 59,575 59,497 57,863 56,992 57,100
Public Safety Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 23,499 25,741 28,600 32,245 35,900 41,084 45,588 50,653 56,047 62,608	3,817 4,347 4,923 5,494 6,105 6,801 7,689 8,638 9,670 10,859	907 884 851 810 764 722 685 650 612 574	28,223 30,972 34,374 38,549 42,769 48,607 53,962 59,941 66,329 74,041
Firefighters Retirement	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 9,638 10,836 11,987 12,950 14,496 16,207 17,314 18,270 19,757 21,405	2,224 2,510 2,821 3,116 3,403 3,775 4,223 4,552 4,851 5,252	1,026975933889839796751698655612	$12,888\\14,321\\15,741\\16,955\\18,738\\20,778\\22,288\\23,520\\25,263\\27,269$
Judges Retirement System	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 2,045 2,216 2,464 2,590 2,704 2,965 3,009 3,508 3,624 3,784	427 474 538 570 618 694 795 853 894 971		2,472 2,690 3,002 3,160 3,322 3,659 3,804 4,361 4,518 4,755
Utah Governors and Legislators Retirement Plan	1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	\$ 383 399 411 450 520 547 556 572 559 595	$121 \\ 120 \\ 127 \\ 133 \\ 142 \\ 144 \\ 152 \\ 154 \\ 153 \\ 160$		504 519 538 662 691 708 726 712 755

## Schedules of Retired Members by Type of Benefit Option

December 31, 2005

	Amount of						Num	ıber of Reti	rees by Benef	it Option
System	Monthly Benefit	1	2	3	4	5	6	7	8	9
Noncontributory	\$1-1,000	5,259	730	1,388	210	1,865	701	_	_	_
Retirement	1,001-2,000	2,466	419	1,197	202	1,457	647	_	_	_
System	2,001-3,000	1,912	312	1,526	273	1,656	651	_	_	_
-	3,001-4,000	641	92	629	159	452	209	_	_	_
	4,001-5,000	110	22	161	38	87	50	_	_	_
	over-5,000	47	7	68	17	33	17	—	_	
Contributory	\$1-1,000	2,305	1,154	396	88	394	188	_	_	_
Retirement	1,001-2,000	571	228	229	73	167	81	_	_	_
System	2,001-3,000	107	24	54	13	34	16	_	_	_
,	3,001-4,000	18	10	6	1	5	5	_	_	_
	4,001-5,000	_	1	4	_	_	1	_	_	_
	over-5,000	_	1			—	1	—	—	—
Public Safety	\$1-1,000		_	_	_		_	_	500	_
Retirement	1,001-2,000	_		_	_		_	_	1,116	_
System	2,001-3,000	_	_	_	_	_	_	_	1,115	_
	3,001-4,000	_		_	_		_	_	377	_
	4,001-5,000	_		_	_		_	_	127	_
	over-5,000	_	_		_	—	—	_	33	_
Firefighters	\$1-1,000	_	_	_	_	_	_	_	66	_
Retirement	1,001-2,000	_	_	_	_	_	_	_	206	_
System	2,001-3,000	_	_	_	_	_	_	_	431	_
	3,001-4,000	_	_	_	_	_	_	_	221	_
	4,001-5,000	_	_	_	_	_	_	_	43	_
	over-5,000		—		—	—	—	—	7	_
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	_		_	_	_	_	3	_	5
	over-5,000		—		—	—	—	37	—	30
Utah Governors	\$1-1,000	_	_	_	226	_	_	_	_	_
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

						Ye	ars of Credit	ed Service
System			4-10	10-15	15-20	20-25	25-30	30+
Noncontributory	2001	Average Monthly Benefit	\$ 276	585	967	1,358	2,269	2,769
Retirement		Monthly Final Average Salary	2,095	2,348	2,920	3,115	4,050	4,374
System		Number of Active Retired	251	220	226	182	431	267
	2002	Average Monthly Benefit	\$ 327	646	978	1,370	2,493	2,821
		Monthly Final Average Salary	2,148	2,355	2,787	3,255	4,222	4,476
		Number of Active Retired	260	258	222	195	482	320
	2003	Average Monthly Benefit	\$ 303	597	953	1,262	2,332	2,815
		Monthly Final Average Salary	2,009	2,496	2,971	3,103	4,176	4,523
		Number of Active Retired	262	220	258	209	500	356
	2004	Average Monthly Benefit	\$ 301	634	937	1,339	2,363	2,934
		Monthly Final Average Salary	2,169	2,524	2,838	3,218	4,206	4,660
		Number of Active Retired	260	250	266	199	482	346
	2005	Average Monthly Benefit	\$ 324	707	1,145	1,495	2,508	3,182
	2005	Monthly Final Average Salary	2,095	2,640	3,158	3,422	4,200	4,605
		Number of Active Retired	316	276	328	226	615	451
Contributory	2001	Average Monthly Ponofit	\$ 227	445	756	008	1 724	1 500
Contributory	2001	Average Monthly Benefit Monthly Final Average Salary	\$ 237 1,729	445 1,776	756 2,077	998 2,541	1,724 3,070	1,599 2,780
Retirement		Number of Active Retired	1,725	25	31	18	15	2,700
System								
	2002	Average Monthly Benefit	\$ 283	424	753	1,005	1,679	2,668
		Monthly Final Average Salary Number of Active Retired	1,946	1,700	2,305	2,397	3,101 27	4,602
		Number of Active Retifed	10	14	37	25	27	7
	2003	Average Monthly Benefit	\$ 220	542	785	1,063	1,861	1,998
		Monthly Final Average Salary	1,724	2,120	2,361	2,675	3,559	3,637
		Number of Active Retired	9	11	25	35	31	11
	2004	Average Monthly Benefit	\$ 338	672	795	1,067	1,875	2,415
		Monthly Final Average Salary	1,661	2,819	2,403	2,581	3,479	4,201
		Number of Active Retired	5	12	35	32	47	9
	2005	Average Monthly Benefit	\$ 295	587	985	1,235	2,042	2,109
		Monthly Final Average Salary	1,906	2,341	2,674	2,697	3,541	3,468
		Number of Active Retired	7	6	35	33	76	22
Public Safety	2001	Average Monthly Benefit	\$ 469	1,271	1,836	2,284	3,055	3,248
Retirement	2001	Monthly Final Average Salary	3,854	3,886	3,777	4,035	4,486	4,566
System		Number of Active Retired	52	28	54	70	53	1/2 0 0
oystom	2002	Average Monthly Benefit	\$ 647	1 220		2 7 7 0	2.068	
	2002	Monthly Final Average Salary	\$ 647 4,537	1,238 3,886	2,172 3,912	2,779 4,359	2,968 4,387	3,600 4,993
		Number of Active Retired	13	3,000	42	4,555 51	39	4,555 14
	2002							
	2003	Average Monthly Benefit Monthly Final Average Salary	\$ 1,372 2,832	1,073	1,834	2,468 4,432	3,241	3,586
		Number of Active Retired	2,832	3,113 10	3,701 59	4,432	4,848 39	5,106 13
	2004	Average Monthly Benefit	\$ 723	1,207	1,970	2,282	3,386	3,233
		Monthly Final Average Salary Number of Active Retired	3,532	3,613 12	3,969 77	4,081 62	4,879 31	4,697
			7		11	02	31	15
	2005	Average Monthly Benefit	\$ 445	1,229	2,175	2,986	3,720	3,256
		Monthly Final Average Salary	2,642	3,249	4,094	4,546	4,779	4,346
		Number of Active Retired	6	7	96	76	49	19

## Schedules of Average Benefit Payments (Continued)

December 31

							ars of Credit	ed Servic
System			4-10	10-15	15-20	20-25	25-30	30+
Firefighters	2001	Average Monthly Benefit	\$ 789		2,212	2,523	2,901	2,853
Retirement		Monthly Final Average Salary Number of Active Retired	3,539 5		3,844 9	4,408 14	4,331 20	4,031 3
System								
	2002	Average Monthly Benefit	\$ 359		1,972	2,771	3,118	3,543
		Monthly Final Average Salary Number of Active Retired	2,945 2		4,140 10	4,584 5	4,653 11	5,061 4
	2003	Average Monthly Benefit	\$ 800		2,036	2,522	3,610	3,263
		Monthly Final Average Salary Number of Active Retired	3,436 3		4,326 5	4,594 10	4,863 19	4,636
	2004	Average Monthly Benefit	\$ 890		2,308	2,666	3,679	3,247
		Monthly Final Average Salary Number of Active Retired	4,241 4	3,579 1	4,040 9	4,979 5	5,293 8	4,532 3
		Number of Active Refiled	4	1	9	5	0	
	2005	Average Monthly Benefit	\$1,578		2,784	3,281	3,662	3,539
		Monthly Final Average Salary	3,614		5,029	5,721	5,359	5,056
		Number of Active Retired	5	2	11	11	18	6
Judges	2001	Average Monthly Benefit	\$2,702	5,080	_	6,222	_	7,240
Retirement		Monthly Final Average Salary	8,179	8,023	_	8,023	_	8,054
System		Number of Active Retired	1	1		1	—	1
	2002	Average Monthly Benefit	\$ —	_	_	_	_	_
		Monthly Final Average Salary	_	_	_	_	_	_
		Number of Active Retired		—	—	—	—	_
	2003	Average Monthly Benefit	\$ —	4,882	6,148	7,076	_	7,052
		Monthly Final Average Salary		8,604	8,836	9,065	_	8,608
		Number of Active Retired	_	1	4	2	—	1
	2004	Average Monthly Benefit	\$ —	5,079	_	6,631	_	
		Monthly Final Average Salary	_	8,672	_	8,645	_	_
		Number of Active Retired	_	1	_	1	—	
	2005	Average Monthly Benefit	\$ —	5,349	6,467	6,377	_	_
	2000	Monthly Final Average Salary	· _	8,556	9,002	8,701	_	_
		Number of Active Retired	_	1	2	2	—	
Utah Governors	2001	Average Monthly Benefit	\$ 142	329		_	_	_
and Legislators	2001	Monthly Final Average Salary	341	307	_	_	_	
Retirement Plan		Number of Active Retired	8	2	_	_	_	
	2002	Average Monthly Benefit	\$ 178			552		
	2002	Monthly Final Average Salary	276		_		_	_
		Number of Active Retired	6		_	1	_	_
	2003	Average Monthly Benefit	\$ 169	_	_	_	_	
	2005	Monthly Final Average Salary	372		_	_	_	
		Number of Active Retired	3		_	_	_	
	2004	Average Monthly Benefit	\$ 171					_
	2004	Monthly Final Average Salary	\$ 171 267	_	_	_	_	_
		Number of Active Retired	6			_	_	
	2005	Average Monthly Benefit	\$ 202	302	520	624		_
	2005	Monthly Final Average Salary	\$ 202 746		520 746	746	_	_
		Number of Active Retired	9		1	1		

## Schedule of Participating Employers

N C PS F D K

Ν	= Public	Employees	Retirement	System —	Noncontributory
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- C = Public Employees Retirement System Contributory
- PS = Public Safety Retirement System
- *F* = *Firefighters Retirement System*

D = 457 Plan

K = 401(k) Plan

#### Employer

#### **School Districts and Education Employers**

Academy for Math, Engineering and Science	Ν				Κ
Alpine School District	Ν	С		D	Κ
Beaver School District	Ν				Κ
Box Elder School District	Ν	С		D	Κ
Cache School District	Ν	С		D	Κ
Carbon School District	Ν	С		D	Κ
College of Eastern Utah	Ν	С		D	Κ
Daggett School District	Ν	С		D	Κ
Davis School District	Ν	С		D	Κ
Dixie College	Ν	С	PS		Κ
Duchesne School District	Ν	С		D	Κ
East Hollywood High School	Ν				Κ
Emery School District	Ν	С		D	Κ
Garfield School District	Ν	С			Κ
Grand School District	Ν	С			Κ
Granite School District	Ν	С		D	Κ
Iron School District	Ν	С		D	Κ
Jordan School District	Ν	С		D	Κ
Juab School District	Ν	С		D	Κ
Kane School District	Ν	С		D	Κ
Logan School District	Ν	С		D	Κ
Millard School District	Ν	С			Κ
Morgan School District	Ν			D	Κ
Murray School District	Ν	С		D	Κ
Nebo School District	Ν	С		D	Κ
North Sanpete School District	Ν	С		D	Κ
North Summit School District	Ν	С		D	Κ
Ogden School District	Ν	С		D	Κ
Park City School District	Ν	С		D	Κ
Piute School District	Ν	С			Κ
Provo School District	Ν	С		D	Κ
Rich School District	Ν	С			Κ
Salt Lake Arts Academy	Ν				
Salt Lake Community College	Ν	С		D	Κ
Salt Lake School District	Ν	С		D	Κ
San Juan School District	Ν	С		D	Κ

Employer	N	С	PS	F	D	к
Sevier School District	N	С			D	К
Snow College	N	C			D	K
South Sanpete School District	N	C			D	K
South Summit School District	N	0			D	K
Southern Utah University	N	С	PS			K
Thomas Edison Charter School	N	0	10			K
Tintic School District	N	С				K
Tooele School District	N	C			D	K
Uintah School District	N	C			D	K
University of Utah	N	С	PS		U	K
Utah State University	N	C	PS		D	K
Utah Valley State College	N	C	10		D	K
Wasatch School District	N	C			D	K
Washington School District	N	C			D	K
Wayne School District	N	0			D	K
Weber County School District	N	С			D	K
Weber State University	N	C			D	K
Academic Achievement	N	0				K
Active Re Entry Incorporated	N					K
Bridgerland Applied Technology Center	N					K
Davis Applied Technology Center	N					K
Educators Mutual Insurance	N	С			D	K
Fast Forward Charter High School	N	0			D	K
High School Activity Association	N	С				K
Mountainland Applied Technology College	N	0				K
Northern Utah Academy of Math,						
English and Science	Ν					К
Ogden-Weber Area Vocation	N	С				K
Soldier Hollow Charter School	N	0				K
Southwest Applied Technology College	N					K
Southwest Educational Development Center	N					K
Space Dynamics Lab	N					K
Success Academy	N					K
Summit Academy Charter School	N					K
Summit Employment	N					K
Tuacahan High School	N					K
Uintah Basin Applied Technology Center	N	С			D	K
Utah Education Association	N	C			D	K
Utah School Boards Association	N	0			U	K
Utah School Boards Risk Man Mut Ins Assn	N					K
Utah School Employee Association	N				D	K
Utah Uniserv	N	С			D	K
Utah Valley Care and Training Center		0			2	K
Wasatch Front South Applied						
Technology Center	Ν					К
teshiology contor						

Employer	N	C	PS	F	D	К
State and Other Employers						
State of Utah						
(also participates in the Judges						
Retirement System and the						
Governors and Legislative Pension Plan)	Ν	С	PS	F	D	Κ
Utah Communications Agency Network	Ν					Κ
Utah Dairy Commission/Dairy						
Council of Utah/Nevada	Ν					
Utah Housing Finance Agency	Ν	С				Κ
Utah Industries f/t Blind	Ν					Κ
Utah Retirement Systems	Ν				D	Κ
Utah Safety Council	Ν					Κ
Utah Technology Finance Corp	Ν					Κ
Workers Compensation Fund	Ν	С			D	Κ

#### **Counties and County Organizations**

Beaver County Box Elder County	N N	С	PS PS		D D	K K
Cache County	N	С	PS	F	D	K
Carbon County	N	С	PS	·	D	K
Cottonwood Heights	N	0	10		D	K
Daggett County	N		PS		D	K
Davis County	N		PS		D	K
Duchesne County		С	PS		D	K
Emery County	Ν	С	PS		D	K
Garfield County	N	С	PS		D	K
Grand County	N	С	PS		U	K
Iron County	N	С	PS		D	K
Juab County	N	С	PS		U	i.
Kane County	N	0	PS			
Millard County	N	С	PS		D	К
Morgan County	N	0	PS		D	K
Piute County	N		PS			K
Rich County		С	PS			i.
Salt Lake County	Ν	C	PS	F	D	К
San Juan County	N	C	PS	·	D	K
Sanpete County	N	C	PS		5	K
Sevier County	N	C	PS		D	
Summit County	N	С	PS		D	
Tooele County	N	C	PS	F	D	К
Uintah County		С	PS	·	D	K
Utah County	Ν	С	PS		D	i.
Wasatch County	N	0	PS		5	К
Wasatch County Fire District	N			F		K
Washington County	N		PS	•	D	K
Wayne County	N		PS		5	
Weber County	N	С	PS		D	К
Weber County Fire	••	С		F	D	K
		Ũ		•	2	

Employer	N	C	PS	F	D	-
Cities and Towns						
Alpine City	Ν					
American Fork City	Ν		PS			
Annabella Town	Ν					
Aurora City	Ν					
Ballard City	Ν					
Beaver City	Ν					
Blanding City	Ν		PS			
Bluffdale City		С			D	
Bountiful City	Ν	С	PS	F	D	
Brian Head Town		С	PS		D	
Brigham City	Ν	С	PS		D	
Castle Dale City	Ν					
Cedar City	N		PS	F		
Cedar Hills Town	N			·		
Centerfield Town	N					
Centerville City	N	С	PS		D	
Clearfield City	N	0	PS	F	D	
Cleveland Town	N		10	·	U	
Clinton City	N	С	PS	F	D	
Coalville City	N	0	10	'	D	
Corinne City	IN	С				
Delta City	Ν	C				
Draper City	N	U				
	N					
Duchesne City Eagle Mountain Town	N			F		
East Carbon City	N		PS	Г	D	
	N		10		U	
Elk Ridge Town	IN	С				
Emery Town	Ν	U	PS			
Enoch City	N		гJ			
Enterprise City	N		DC			
Ephraim City	N		PS PS			
Escalante Town			гъ			
Eureka City	N					
Fairview City	N		00	г		
Farmington City	N		PS	F	П	
Farr West City	N				D	
Ferron City	N				<b>_</b>	
Fillmore City	N		50		D	
Fountain Green City	N		PS			
Francis City	N					
Fruit Heights City	Ν					
Garden City	Ν	_				
Garland City		С	PS			
Goshen Town	Ν					
Grantsville City	Ν		PS		D	
Green River City	Ν		_			
Gunnison City	Ν		PS		D	
Harrisville City	Ν	С	PS			
Heber City	Ν		PS		D	
Helper City	Ν		PS			
	Ν					
Herriman Town						

Employer	N	C	PS	F	D	к
Hinckley Town	Ν					Κ
Holden Town	Ν					
Holladay City	Ν					Κ
Hooper City	Ν					Κ
Huntington City	Ν				D	Κ
Hurricane City	Ν		PS	F		Κ
Hyde Park	Ν					Κ
Hyrum City	Ν					Κ
lvins Town	Ν		PS			Κ
Kamas City	Ν		PS		D	Κ
Kanab City	Ν		PS		D	Κ
Kanosh Town	Ν					
Kaysville City	Ν	С	PS			
La Verkin City		С				Κ
Layton City	Ν	С	PS	F	D	
Leeds Town	Ν					Κ
Lehi City	Ν	С	PS	F		
Levan Town	N	-				
ewiston City	N					К
Lindon City	N					K
Logan City	N	С	PS	F	D	K
Lone Peak Safety District	N	0	PS	F	D	K
Manila Town		С	10			K
Manti City	Ν	0				K
Mantua City	N		PS			K
Mapleton City	N		PS			K
Marriott/Slaterville City	N		10			K
Meadow Town	N					K
Midvale City	N	С	PS	F	D	ĸ
Midway City	N	C	10	1	U	К
Milford City	N	U	PS			K
	N		10		D	K
Millville City					D	K
Minersville	N	C	PS		П	
Moab City	N	U	гэ		D	K
Monroe City	N		DO			К
Monticello City	N		PS			IZ.
Morgan City	N		50			К
Moroni City	N	~	PS			L.
Mt Pleasant City	N	С	PS	-	-	K
Murray City	Ν	С	PS	F	D	Κ
Myton City	Ν					
Naples City		С	PS		-	K
Nephi City	Ν		PS		D	K
New Harmony Town	Ν					Κ
Nibley City	Ν					Κ
North Logan City	Ν	С	PS	F		Κ
North Ogden City	Ν	С	PS	F		
North Salt Lake City	Ν		PS		D	Κ
Oakley City		С				Κ
Ogden City	Ν	С	PS	F	D	Κ
Orangeville City	Ν					Κ
Orderville Town	Ν					
Orem City	Ν	С	PS	F	D	Κ
Panguitch City	Ν					Κ
- /						

Employer	Ν	C	PS	F	D	К
Paragonah Town		С				
Park City	Ν	C	PS			
Parowan City	N	C	PS			К
Payson City	N	-	PS	F		K
Perry City	Ν		PS			К
Plain City	N					K
Pleasant Grove City	N		PS	F		
Pleasant View City	N	С	PS	'	D	К
Price City	N	C	PS	F	D	K
	N	U	10	1		K
Providence City		C	DC	г	П	
Provo City	N	С	PS	F	D	K
Redmond	N	0	DO		Р	
Richfield City	N	С	PS		D	
Richmond City	N	~		-		K
Riverdale City	Ν	С	PS	F	_	K
Riverton City	Ν	С		F	D	K
Roosevelt City	Ν		PS	F	D	K
Roy City	Ν	С	PS	F	D	Κ
Salem City	Ν		PS		D	Κ
Salina City	Ν		PS			
Salt Lake City Corp	Ν	С	PS	F	D	Κ
Sandy City	Ν	С	PS	F	D	
Santa Clara City	Ν					Κ
Santaquin City	Ν		PS			К
Saratoga Springs Town	N			F		K
Smithfield City	N		PS	F		K
South Jordan City		С	PS	F		K
South Ogden City	Ν	0	PS	F		K
South Salt Lake City	N		PS	F	D	K
South Weber City	N		10	'	D	K
Spanish Fork City	N		PS			
Spring City		С	10			
	Ν	0	PS			К
Springdale Town		С	PS	F		N
Springville City	N			Г	П	V
St. George City	N	С	PS		D	K
Sunnyside City	N	0	DO		D	K
Sunset City	N	С	PS		D	K
Syracuse City	Ν		PS		D	K
Taylorsville	Ν		PS			K
Tooele City	Ν	С	PS		D	
Tremonton City	Ν	С	PS		D	K
Vernal City	Ν	С	PS			Κ
Washington City	Ν					Κ
Washington Terrace	Ν		PS		D	Κ
Wellington City	Ν		PS			Κ
Wellsville City	Ν					Κ
Wendover City	Ν		PS		D	Κ
West Bountiful City		С	PS			K
West Haven	Ν	Ŭ				K
West Jordan City	N	С	PS	F	D	.,
West Valley City	N	C	PS	F	U	
	N	U	ıз	Г		К
West Point			DO			Γ
Willard City	N	0	PS		P	V
Woods Cross City	Ν	С	PS		D	K

Employer	Ν	C	PS	F	D	К
Other Government Entities						
Ash Creek Special Service District					D	К
Ashley Valley Sewer Management Board	Ν				-	
Ashley Valley Water & Sewer	N					
Bear Lake Special Service District	N					Κ
Bear River Association of Governments	N				D	K
Bear River Health District	Ν	С			D	Κ
Bear River Mental Health	Ν				D	Κ
Bear River Water Conservancy	Ν					Κ
Beaver County Special Service District	Ν					Κ
Beaver Valley Hospital	Ν					Κ
Benchland Water Compnay	Ν					Κ
Bona Vista Water Improvement	Ν				D	Κ
Bountiful Water District	Ν				D	Κ
Box Elder County Mosquito District	Ν					Κ
Cache Metro Planning Organization	Ν					
Castle Valley Special Service District	Ν	С				Κ
Cedar City Housing Authority	Ν					
Cedar City Library	Ν	С				Κ
Central Davis Sewer	Ν				D	Κ
Central Utah Public Health	Ν					Κ
Central Utah Water District	Ν				D	Κ
Central Weber Sewer District	Ν	С			D	Κ
Children's Aid Society—Utah	Ν					Κ
Copperton Improvement District	Ν					Κ
Cottonwood Improvement District	Ν				D	К
Davis & Weber County Canal		С				Κ
Davis Behavioral Health	Ν				D	Κ
Davis County Mosquito Abatement	Ν					К
Davis County Housing		С				Κ
Davis County Solid Waste Management	Ν				D	К
DDI Advantage		С				Κ
Duchesne County Mosquito District		С				
Duchesne County Water Conservancy District	Ν					
East Duchesne Culinary Water Imp District	Ν					К
Emery County Nursing Home		С			D	Κ
Emery County Recreation Special Service Districtt	Ν					К
Emery Water Conservancy District	Ν					К
Five-County Association of Governments	Ν	С			D	К
Four Corners Mental Health	Ν	С			D	К
Grand County Solid Waste Management	Ν					К
Grand County Water Conservancy District	Ν					
Granger-Hunter Improvement District	Ν				D	К
Gunnison Valley Hospital	Ν	С				К
Heber Light & Power	Ν				D	К
Heber Valley Historic Railroad Authority	Ν					Κ
Heber Valley Special District	Ν					
Hooper Water Improvement District	Ν					
Housing Authority of Carbon	Ν					К
Housing Authority of Ogden City	Ν	c				
Housing Authority of SLC	Ν	С				К
Housing Authority of SL County	N	~			-	
Jordan Valley Water Conservancy District	Ν	С			D	К

Employer	N	C	PS	F	D	К
Jordanelle Special Service District	Ν					К
Kane Water Conservancy District	Ν					
Kearns Improvement District	Ν	С				К
Maesar Water District	Ν					Κ
lagna Mosquito Abatement						Κ
Metro Water District—SLC	Ν				D	К
Midvalley Improvement District	Ν					
, Midway Sanitation District	Ν					К
Moab Valley Fire District	Ν			F		К
Mountain Regional Water Special Service District	Ν					К
Mountainland Association of Governments	Ν	С			D	К
Nebo Credit Union	N	0			5	K
North Davis County Sewer	N	С				
North Davis Fire District	N	0		F		
North Emery Water Users Association	N					
North Fork Special Service District	N					
North Pointe Solid Waste Special Service Dist	N					К
North View Fire Agency				F		IX.
Oquirrh Recreation and Parks District	Ν			'		К
Park City Fire Service District	N			F		K
Price River Water Improvement	N			'	D	K
Provo Housing Authority	N				U	IX.
Provo Reservoir Water Users	N					
Provo River Water Users	N				D	К
Roosevelt City Housing Authority	N				D	K
Roy Water Conservancy District	N					К
SLC Employees Credit Union	N					K
SLC Library	N					K
SLC Mosquito Abatement	N					K
SLC School Credit Union	N					K
SLC Sub Sanitation #1	N					K
SLC Sub. Sanitation #1	N					K
SLC Sub. Santation #2	N				D	K
SL County Service Area #2	N				D	K
	N	С			D	K
SL County Sewer Improvement District #1 San Juan Mental Health/	IN	U			D	Γ
Substance Abuse District	Ν					К
	N					
Sandy Sub. Improvement District		C			П	K
Six-County Association of Governments	N	С			D	K
Snyderville Basin	N	С			D	K
Solitude Improvement District	Ν					K
South Davis County Sewer	NI	0			D	V
Improvement District	Ν	С			D	K
South Davis County Water						
Improvement District	N			F	<b>D</b>	K
South Davis County Fire Department	N			F	D	K
South Davis Metro Fire Agency	N	0		F	<b>P</b>	K
Southeastern Utah A.O.G.	N	С			D	K
Southeastern Utah Health	N	С				K
Southern Utah Valley Power System	Ν				-	K
South Ogden Conservancy District	N				D	K
South SL County Mosquito Abatement	Ν					K
Southwest Center	Ν					К

Employer	N	C	PS	F	D	к
Southwest Utah District Health	N	С			D	К
South Utah Valley Solid Waste	Ν					Κ
South Valley Water Reclamation Facility	Ν					Κ
St. George Housing Authority	Ν					Κ
Strawberry Electric Service Department	Ν					Κ
Summit Park Water Special Service District	Ν					Κ
Taylorsville—Bennion Improvement	Ν				D	Κ
Timber Lakes Special Service District	Ν					Κ
Timpanogos Special Service District	Ν	С				
Tooele County Housing	Ν					Κ
Trans-Jordan Cities	Ν				D	Κ
Tri-City Golf Course	Ν					Κ
Tridell-Lapoint Water District	Ν					Κ
Twin Creeks Special Service District	Ν					Κ
Uintah Basin Assistance Council	Ν					
Uintah Basin Association of Governments	Ν					
Uintah Basin Tri-County Mental Health	Ν					Κ
Uintah County Mosquito Abatement	Ν					Κ
Uintah Health Care SpecialService District	Ν					Κ
Uintah Special Service District	Ν					Κ
Uintah Water Conservancy District	Ν					
Unified Fire Authority	Ν		PS	F		Κ
Upper Country Water District	Ν					
Utah Association of Counties	Ν					Κ
Utah Counties Insurance Pool	Ν					Κ
Utah County Housing Authority	Ν	С			D	
Utah Lake Distributing Co	Ν					
Utah League of Cities & Towns		С				
Utah Local Governments Trust	Ν					
Utah Municipal Power Agency	Ν					Κ
Utah Public Employees Association	Ν	С				K
Utah State Fair Corporation	Ν					К
Utah Telecommunication						
Open Infrastructure Agency	N	~				К
Utah Zoological Society	Ν	С			_	К
Valley Emergency Communication Center	N	~			D	К
Valley Mental Health	N	С			D	К
Wasatch County Special Service Area I	Ν	~				К
Wasatch Front Regional Council		С			D	К
Wasatch Mental Health	Ν	С			D	К
Washington County Association						1Z
for Retarded Citizens	N					K
Washington County Solid Waste #1	Ν	0				K
Washington County Water District	NI	С			П	K
Weber Basin Water Conservancy	N				D	K
Weber County Mosquito Abatement	N				D	K
Weber Human Services	Ν	C			D	K
Weber River Water Users	N	С				K
Western Kane County Special Service District #1	N N					K K
White City Water Improvement District	IN					N

# Total Participating Employers 428 Noncontributory 401 Contributory 161 Public Safety 120 Firefighters 48 Judges 1 Governor and Legislative 1 457 Plan 154 401(k) Plan 351

#### Employer Employer American Fork Hospital **Pioneer Care Center** Bay Area Refuse Disposal Reg 2 Law Enforcement Plan Agency **Bingham City** Salt Lake County Fair Box Elder County Nursing Home San Juan County Hospital Carbon County Hospital Six-County Economic Carbon Nursing Home Development **Coalville Health Center** Snow College South Dixie Center at St. George Sugarhouse Park Authority Dixie Hospital **Tooele Valley Hospital Emery Medical Center** Trail Incorporated Four Corners Regional Hospital U of U Research Institute Genola Town USU Community Credit Union Grand County Road Uintah Basin Counsel Inc Special Service District Uintah Basin Medical Center Hiawatha Town Uintah County Council on Aging Honeyville Town Uintah County Hospital I. W. Allen Hospital Utah Local Governments Trust Juab County Hospital Utah Partnership for Marysvale Town **Education Economics** Metro Water District-Provo Wasatch County Hospital Midvale Wastewater Treatment Weber County Hospital Morgan County Library Weber Economic Development Mountain America Credit Union Corporation Payson City HospitalEmployer West Millard Hospital

#### **Inactive Units with Retirees**

# Systems and Plans Statistical Highlights Year Ended December 31, 2005

tah Retirement Systems	Noncontributory	Contributory	Public Safety	Firefighters	Judges	Governors and Legislators	Average And Tota All Systen
embership Information							
Total Membership	137,375	10,810	11,883	2,704	202	414	163,38
Active	85,637	3,198	7,239	1,636	108	88	97,90
Terminated vested	26,028	1,437	1,376	94	6	96	29,03
Retired	25,710	6,175	3,268	974	88	230	36,44
2005 Active Members	85,637	3,198	7,239	1,636	108	. 88	97,90
Average age	44.8	51.0	38.6	39.4	55.9	51.0	44
Average years of service	10.2	19.6	8.8	10.5	11.2	5.8	10
Average annual salary	\$37,633	41,758	40,737	50,471	110,539	8,955	37,43
2005 Retirees	\$57,055	41,750	40,757	50,471	110,335	0,555	57,45
	2 21 2	170	252	F2	F	10	2.71
Number	2,212	178	252	53	5	12	2,71
Average age	61.9	60.6	53.5	53.8	65.3	66.8	60
Average years of service	22.6	25.4	22.9	25.9	19.7	11.8	22
Final average annual salary		36,876	51,604	64,636	105,508	4,116	42,83
Average annual benefit	\$19,210	17,889	28,873	39,087	74,491	3,548	20,44
Average annual benefit							
—all retirees	\$17,731	8,799	21,724	25,319	52,465	2,851	16,70
Changes in Net Assets Contributions	(in thousa \$ 426,612		66 122	16 227	2 405		522.12
Investment income		20,657 88,388	66,132	16,327	2,405		532,13 1,491,14
Pension benefits	1,185,095		148,071	58,827	9,762	997 755	
	469,695	57,100	74,041	27,269	4,755		633,6
Net assets at market value	13,892,439	1,018,525	1,736,451	686,062	113,353	11,319	17,458,14
tuarial Information Funding Progress	(dollars i	n thousa	nds)				
Actuarial value of assets	\$13,065,512	955,390	1,633,022	644,496	106,374	10,587	16,415,38
Actuarial accrued liability Unfunded actuarial	\$14,166,548	1,047,544	1,851,635	617,088	110,667	8,662	17,802,14
accrued liability	\$ 1,101,036	92,154	218,613	(27,408)	4,293	(1,925)	1,386,70
Funded ratios	92.2%	91.2%	88.2%	104.4%	96.1%	122.2%	92.2
efined Contribution Pla	ns	• •	401(k)	457	Roth IRA	Traditional IRA	- 3
embership Information						DI PULI	
Number of active employees e	eligible to partic	cipate	92,466	81,373	97,906	97,906	10-21
Employee contributions							
(excluding employer contrib	utions):		12.222	6 100	100	10	
Number of employees com	unduting		43,320	6,103	123	13	
Percent of eligible employe			46.8%	7.5%	0.4%	0.1%	
Average percent of salary de	eterred by emp.	loyees	6.2%	8.4%	3.7%	6.0%	
			127,279	13,825	259	118	
Total participants			127,279	15,025	255	110	

Changes in Net Assets	(in thousa	nds)			Total
Contributions	\$ 182,744	22,033	1,007	6,527	212,311
Net investment income	142,760	14,891	53	353	158,057
Refunds	106,678	19,633	33	315	126,659
Net assets at market value	\$2,104,462	230,031	1,027	6,556	2,342,076

**Utah Retirement Systems** 

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