# SDRS

# SOUTH DAKOTA RETIREMENT SYSTEM

COMPREHENSIVE ANNUAL FINANCIAL REPORT

A Pension Trust Fund of the State of South Dakota for the Fiscal Year Ended June 30, 2006

# SDRS MISSION STATEMENT

To plan, implement and administer income replacement programs that give SDRS members and their families the opportunity to achieve financial security at retirement, death or disability by providing an outstanding, appropriate and equitable level of benefits. The Board of Trustees believes this mission is achievable with the resources available in a progressive working environment, by sound and efficient management, through superior investment performance and by exercising the fiduciary responsibility associated with the proper stewardship of member assets.

# FISCAL YEAR 2006 HIGHLIGHTS

Total membership Active contributing members Inactive non-contributing members Benefit recipients	67,958 36,074 13,808 18,076
Net assets held in trust for pension benefits Actuarial value of assets Actuarial accrued liability (AAL)	\$6,844,629,634 \$5,668,535,060 \$5,859,994,198
Investment return	13.11%
<u>Benefits and refunds paid</u> Benefits paid Refunds paid Total	\$ 234,825,875 <u>25,069,548</u> \$ 259,895,423
<u>Contributions</u> Member Employer Total	\$ 82,464,727 <u>80,829,338</u> \$ 163,294,065
Funding period Funded ratio (actuarial value of assets/AAL)	20 years 96.7%



# South Dakota Retirement System

# Comprehensive Annual Financial Report

A Pension Trust Fund of the State of South Dakota for the Fiscal Year Ended June 30, 2006

Prepared by the SDRS Finance and Audit Departments

South Dakota Retirement System 222 East Capitol, Suite 8, P.O. Box 1098 Pierre, South Dakota 57501-1098

The South Dakota Retirement System fully subscribes to the provisions of the Americans with Disabilities Act of 1990.

The South Dakota Retirement System Comprehensive Annual Financial Report is published with funds provided through the contributions of teachers, school boards, state government, state employees, county commissions, county employees, municipal governments, and municipal employees. Fifteen hundred copies of this document were printed by SDRS at a cost of \$2.93 each per document.

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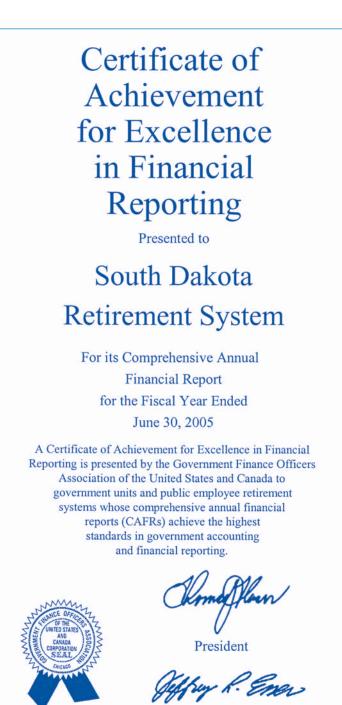
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# **CERTIFICATE OF ACHIEVEMENT**



**Executive Director** 



# Public Pension Coordinating Council Public Pension Standards 2006 Award

Presented to

# South Dakota Retirement System

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 Helinele

Alan H. Winkle Program Administrator

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# INTRODUCTION



Chair's Letter Letter of Transmittal Board of Trustees Organizational Chart

## To Our Members:

It is a pleasure to once again inform you that SDRS remains financially sound with a funded status that is among the most secure in the nation. Fiscal Year 2006, much like 2004 and 2005, proved to be very successful.

As exhibited in this report, the annual financial statements showed improvement, the annual audit recognized no reporting weaknesses and the actuarial status of the plan continued to improve. In addition, SDRS has again benefited greatly from the excellent investment performance provided by the South Dakota Investment Council.

Total SDRS assets are nearly \$7 billion and the system currently pays approximately \$250 million in benefits annually. From humble beginnings back in 1974, SDRS has blossomed into a financial engine for South Dakota. Citizens in every city and county benefit from this plan (see the Statistical section of this report for more details).

Along with an emphasis on financial security, SDRS also continues to focus on customer service. Our Retirement Planners can be reached by phone, fax, email, or letter. SDRS Retirement Planners travel the state each week and will likely be in your area in the near future. The *My* SDRS section of our website assists our members in their retirement planning efforts. A toll-free telephone number has also been implemented so you may contact SDRS at no cost to you.

Even with the current successes at SDRS, there is growing concern over the financial future of the Social Security and Medicare programs. In addition, the costs of healthcare and long-term care continue to increase while personal savings rates are at all-time lows. All of these issues may put a significant drain on a member's financial resources during retirement.

To begin addressing these issues, SDRS will be initiating a workshop program in the next year to promote personal savings and planning for retirement. These workshops will cover a broad spectrum of topics to assist mid-career members in planning for a successful retirement.

The financial integrity of the system and the service provided to members will continue to be the top priority of the SDRS Board of Trustees and staff. We thank you for your support and encourage you to contact the SDRS office should you need any assistance.

Sincerely,

Elmer Bruloman

Elmer Brinkman Chair, SDRS Board of Trustees

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# LETTER OF TRANSMITTAL

South Dakota Retirement System 222 East Capitol, Suite 8 P.O. Box 1098 Pierre, South Dakota 57501-1098 Telephone (605) 773-3731 FAX (605) 773-3949 TDD (605) 773-3958



South Dakota Retirement System

December 18, 2006

Board of Trustees South Dakota Retirement System Pierre, SD 57501

To the members of the SDRS Board of Trustees:

We are pleased to submit the Comprehensive Annual Financial Report of the South Dakota Retirement System (SDRS) for the fiscal year ended June 30, 2006. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with SDRS. To the best of our knowledge and belief, the enclosed data are accurate in all material respects and are reported in a manner designed to present fairly the financial position and results of SDRS' operations.

This report is divided into five major sections:

#### Introduction

The Introduction contains the Chair's Letter, the Letter of Transmittal, the Board of Trustees, and the SDRS organizational chart and staff information.

#### **Financial Summary**

The Financial Summary contains the report of the independent auditors, KPMG, LLP, Management's Discussion and Analysis, the audited financial statements of the system, required supplemental information and supplemental financial schedules.

#### Actuarial Summary

The Actuarial Summary contains the report of the independent actuary, Buck, the results of the annual actuarial valuation, the actuarial assumptions and supporting schedules.

**Investment Summary** The Investment Summary contains the investment objectives and policy along with investment profiles, exhibits and performance information.

Statistical Summary The Statistical Summary includes other significant data pertaining to SDRS and the system's participating units.

#### **Plan History**

SDRS was established July 1, 1974, as a multi-employer public employee retirement system. As of June 30, 2006, it provided retirement, disability and survivor benefits to over 67,500 members. Basic to SDRS' history is the growth in the system's benefit provisions.



South Dakota Retirement System



<b>Benefit Category</b>	Status in 1974	<b>Benefit Improvements</b>
Benefit Formula <ul> <li>Class A</li> </ul>	1.0%	1982 — 1.1% 1986 — 1.2% 1991 — 1.30% 1994 — 1.30%/1.40% (for applicable years) 1997 — 1.40% prior to 1997/1.30% thereafter 1998 — 1.475% prior to 1998/1.30% thereafter 1999 — 1.55% prior to 2000/1.30% thereafter 2000 — 1.625% prior to 2002/1.30% thereafter 2002 — 1.55% after 2002
Class A Alternate	2.0%	1999 — 2.25% prior to 2000/2.0% thereafter 2000 — 2.325% prior to 2002/2.0% thereafter 2002 — 2.25% after 2002
Class B Public Safety	2.0%	1994 — 2.0%/2.10% (for applicable years) 1997 — 2.10% prior to 1997/2.0% thereafter 1998 — 2.175% prior to 1998/2.0% thereafter 1999 — 2.25% prior to 2002/2.0% thereafter 2000 — 2.325% prior to 2002/2.0% thereafter
• Class B Judicial	3.333% / 2.0%	<ul> <li>1994 — 3.333% / 3.433% (for applicable years) 2.0%/2.10% (for applicable years)</li> <li>1997 — 3.433% prior to 1997/3.333% thereafter 2.10% prior to 1997/2.0% thereafter</li> <li>1998 — 3.508% prior to 1998/3.333% thereafter</li> <li>2.175% prior to 1998/2.0% thereafter</li> <li>2.25% prior to 2000/2.0% thereafter</li> <li>2.3658% prior to 2002/2.0% thereafter</li> <li>2.325% prior to 2002/2.0% thereafter</li> </ul>
Class A Retiree Benefit Formula	Variable	Standard — alternate 1982 — 1.0% - 2.0% 1987 — 1.05% - 2.0% 1988 — 1.1% - 2.0% 1989 — 1.25% - 2.0% 1991 — 1.30% - 2.0% 1994 — 1.30%/1.40% - 2.0% 1997 — 1.40% prior to 1997/1.30% thereafter - 2.0% 1998 — 1.475% prior to 2000/1.30% thereafter 2.25% prior to 2000/2.0% thereafter 2.325% prior to 2002/2.0% thereafter 2.325% after 2002 2.25% after 2002
Improvement Factor	2% simple	1978 — 2.0% compound (indexed) 1982 — 3.0% compound (indexed) 1988 — 3.0% compound 1993 — 3.1% compound 1998 — 3.1% compound and prorated for partial years
Early Retirement <ul> <li>Class A</li> </ul>	Early retirement: age 55 with 6% per year reduction	1978 — Reduction decreased to 3% per year 1986 — Rule of 85 (age 60) 1989 — Removed "at work" limitation 1991 — Rule of 85 (age 58) 1993 — Rule of 85 (age 55)

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History of Ben	efit Improvement	S (continued)
<b>Benefit Category</b>	Status in 1974	Benefit Improvements
Early Retirement (continued)		
Class B Public Safety	Early retirement: age 45 with 6% per year reduction	<ul> <li>1978 — Reduction decreased to 3% per year</li> <li>1982 — Early retirement age for new members: age 50</li> <li>1989 — Early retirement: age 45 for all Class B Public Safety members</li> <li>1991 — Age 50/25 years of service</li> <li>1998 — Rule of 75 (Age 45)</li> </ul>
Class B Judicial	Early retirement: age 55 with 6% per year reduction	1978 — Reduction decreased to 3% per year 1990 — Rule of 80 (age 55)
Optional Spouse Coverage	1.0% of compensation	1978 — .8% of compensation 2004 — 1.2% of compensation
Final Average Compensation Caps	Last quarter cap 125% of any previous quarter; four quarter average cap 115% of any previous quarter	2004 — Last quarter cap = 115% four quarter average cap = 110% 2005 — Last quarter cap = 105% four quarter average cap = 105%
Special Pay Plan	Termination pay made directly to member with SS, SDRS and income taxes deducted	2004 — Termination pay of \$2,000 or more without SS, SDRS or income tax deductions for a terminating employee of a participating unit who is 55 or older goes to SPP
Purchasing Uncredited		
• Class A	Buy at 10% of compensation	1989 — Buy at 7.5% of compensation 2002 — Buy at 9% of compensation 2004 — Buy at rate dependent on age and varying from 12% to 30% of compensation
Class B Public Safety	Buy at 12% of compensation	<ul> <li>1978 — Buy at 16% of compensation</li> <li>1982 — Current members maximum of 20% of compensation; new members 16% of compensation</li> <li>1989 — Buy at 12% of compensation</li> <li>2004 — Buy at rate dependent on age and varying from 16% to 40% of compensation</li> </ul>
• Class B Judicial	Buy at 12% of compensation	1978 — Buy at 16% of compensation 1982 — Buy at maximum 20% of compensation 1989 — Buy at 13.5% of compensation 2004 — Buy at rate dependent on age and varying from 18% to 45% of compensation
Contribution Rate • Class A	5%	2002 — 6%
Class B Public Safety	6%	1978 — 8% 1982 — For current members increasing 1/8 of 1% to maximum of 10%; for new members 8% 1989 — 8% for all members
Class B Judicial	6%	1978 — 8% 1982 — 1/8 of 1% to maximum of 10% 1989 — capped at 9%
Normal Retirement Age for Class B Public Safety	Age 55	1982 — New members age 60 1989 — Age 55 for all members

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<b>Benefit Category</b>	Status in 1974	<b>Benefit Improvements</b>
Refund of Accumulated Contributions	Member contributions only	<ul> <li>1986 — Guaranteed refund of the balance of all employer/member contributions if member dies after retirement.</li> <li>1995 — Portable Retirement Option (PRO) — for PRO members withdrawing prior to retirement, a refund of all or a percentage of employer/member contributions based on years of service</li> <li>1998 — Portable Retirement Option (PRO) — for all members withdrawing prior to retirement, a refund of all or a percentage of employer/member contributions based on years of service</li> </ul>
Interest on Accumulated Contributions	5% on member contributions only	<ul> <li>1986 — No greater than 90% of the 91-day T-bill rate; 5% minimum, 10% maximum</li> <li>2004 — No greater than 90% of the 91-day T-bill rate; maximum, the actuarially assumed rate of investment return, currently 7.75%; minimum, none.</li> </ul>
Retire/rehire • Normal or special early retirement	<ul> <li>Benefits, including the COLA, paid during reemployment without adjustment</li> <li>Rehired member treated as continuing member</li> <li>Add-on benefit paid at re-retirement considers all periods of employment</li> </ul>	<ul> <li>2004 — Benefits paid during reemployment but COLA eliminated (except for Class B Public Safety member who is rehired as Class A member) — Rehired member treated as new member</li> <li>— Add-on benefit paid at re-retirement considers reemployment period only</li> <li>— Retired/rehires prior to July 1, 2004 grandfathered under current law</li> </ul>
• Early retirement	<ul> <li>Benefits, including the COLA suspended during reemployment</li> <li>Rehired member treated as continuing member</li> <li>Add-on benefit paid at re- retirement considers all periods of employment</li> </ul>	2004 — Benefits, including the COLA, suspended during reemployment — Rehired member treated as new member — Add-on benefit paid at re-retirement considers reemployment period only
Compensation Basis for Benefit Calculations	<ul> <li>Retirement benefit based on final average compensation (three-year average)</li> <li>Disability and survivor benefits (for members who die before retirement) based on highest one-year pay</li> </ul>	2004 — All SDRS benefits (retirement, disability and survivor) based on final average compensation
Eligibility Requirements • Vested retirement benefits	-Five years of credited service that includes purchased service	<ul> <li>1998 — Three years of credited service including purchased service</li> <li>2004 — Three years of contributory service, does not include purchased service</li> </ul>
Disability benefits	-Five years of credited service unless disabled in an accident at work, then no specific amount of credited service is required	<ul> <li>1998 — Three years of credited service including purchased service</li> <li>2004 — Three years of contributory service since reentry into SDRS unless disabled in an accident at work, then no specific amount</li> </ul>

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#### Investments

The SDRS trust fund is managed by the South Dakota Investment Council. The council's management objectives are:

- 1. Achieve the actuarial required rate of return over the long-term.
- 2. Achieve a return in excess of the actuarial rate of return over the long-term.
- 3. Achieve favorable total fund performance relative to a capital market benchmark reflective of the investment council's normal asset allocation policy.
- 4. Achieve favorable specific asset category performance relative to the identified capital market benchmark.
- 5. Achieve favorable performance over the long-term relative to professionally managed multi-billion dollar pension funds.

The total return on the SDRS trust fund was 13.11 percent for fiscal year (FY) 2006, the investment council benchmark return of 10.74 percent. The 10-year annualized return of 10.29 percent exceeds the benchmark return of 8.72 percent.

## **Funding and Reserve**

Since its inception, SDRS has been funded at the actuarially determined level. In the 2006 actuarial valuation, two measures were used to evaluate the actuarial soundness and funding progress of SDRS:

- actuarial accrued liability funded ratio
- funding period

The most pertinent of these is the actuarial accrued liability (AAL) funded ratio. This ratio is equal to the actuarial value of assets divided by the AAL. The AAL is the portion of the present value of benefits for all members assigned to prior periods. SDRS' AAL funded ratio as of June 30, 2006, was 96.7 percent.

## **Major Initiatives**

During FY 2006, the South Dakota Retirement System:

continued its strategic planning process; reviewed long-term goals; established future benefit goals; completed financial statements, an actuarial valuation, and a comprehensive audit; reviewed the actions of the 2006 legislature and SDRS' legislative package; analyzed benefit trends and practices for public retirement plans; heard disability/benefit appeals; and reviewed the performance of its Supplemental Retirement Plan (SRP) and Special Pay Plan (SPP).

## Accounting System and Internal Control

This report has been prepared to conform with the reporting standards of the Governmental Accounting Standards Board and the American Institute of Certified Public Accountants. The accrual basis of accounting is used to record assets, liabilities, revenues and expenses. Revenues are recognized in the accounting period in which they are earned, without regard to the date of collection, and expenses are recorded when the corresponding liabilities are incurred, regardless of when payment is made. Administrative expenditure authority is granted annually by the state Legislature.

The system's internal accounting controls, which are reviewed by external auditors on an annual basis, are designed to provide reasonable assurance regarding the safekeeping of assets and the reliability of financial records. Constant effort is directed by SDRS at improving this level to assure the participants of a financially sound retirement system.

The Governmental Accounting Standards Board (GASB) issued Statements No. 34 and No. 37, Basic Financial Statements and Management's Discussion and Analysis for state and local governments. Statement No. 34 established a new financial reporting model, which was implemented in the SDRS FY 2002 CAFR. This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The SDRS MD&A can be found immediately following auditor's opinion.



South Dakota Retirement System



## **Professional Services**

The Board of Trustees retains independent consultants to perform professional services that are essential to the system's effective and efficient operation. Actuarial services are provided by Buck, Denver, Colorado. The annual financial audit is conducted by the accounting firm of KPMG LLP with the participation of the South Dakota Department of Legislative Audit. SDRS investments are managed by the South Dakota Investment Council. Communication services are provided by Koupal Communications, Pierre, South Dakota, and Buck, Denver, Colorado.

## **Certificate of Achievement**

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the South Dakota Retirement System for its comprehensive annual financial report for the fiscal year ended June 30, 2005. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a governmental unit must publish an easily readable and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Such financial report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. This is the 11th year that SDRS has received a Certificate of Achievement. We believe our current report continues to conform to the Certificate of Achievement program requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

## **Acknowledgments and Comments**

The preparation of this report reflects the combined efforts of the SDRS staff under the direction of the Board of Trustees. It is intended to provide complete and reliable information to members of SDRS, the South Dakota State Legislature and the citizens of South Dakota.

Respectfully submitted,

Jane Kot 4hfli

Robert A. Wylie Administrator

Jane Roberts

Chief Financial Officer



# **BOARD OF TRUSTEES**

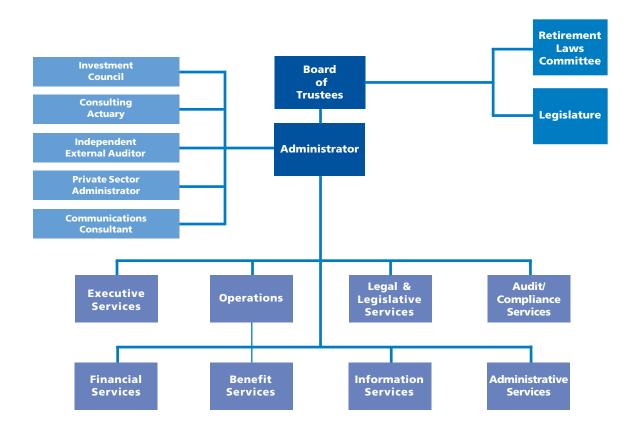
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<b>Elmer Brinkman</b> Chair	Represents county commissioners Board service began in June 1991 Commissioner Codington County Watertown	Represents judicial members Board service began in June 1995 Justice South Dakota Supreme Court Pierre	Steven Zinter
Brian Berglin	Represents teachers Board service began in July 1997 Public school teacher Sioux Falls Public Schools Sioux Falls	Represents Elected Municipal Officials Board service began December 2005 City Council member City of Vermillion Vermillion	Ray Hofman
Carol Christianson	Represents teachers Board service began in July 1994 Public school teacher Belle Fourche Public Schools Belle Fourche	Represents classified employees Board service began in July 1990 Benefit specialist South Dakota State University Brookings	Louise Loban
Matt Clark	Represents South Dakota Investment Council Board service began in January 2005 State Investment Officer Non-voting ex-officio board member Sioux Falls	Represents Board of Regents employees Board service began in July 2004 ABS fiscal officer South Dakota State University Brookings	Darwin Longieliere
Tracy Dahl-Webb	Represents municipal employees Board service began in July 1995 Sioux Falls	Represents county employees Board service began in July 1997 Chief deputy auditor Pennington County Rapid City	Kathy "K.J." McDonald
Jason Dilges	Governor's appointee Board service began in November 2004 Commissioner Bureau of Finance and Management Pierre	Represents state employees Board service began in July 2004 Engineering supervisor Department of Transportation Glenham	Eric Stroeder
Bryan Gortmaker	Represents public safety members Board service began in July 2002 Training administrator Department of Criminal Investigation Pierre	Represents school boards Board service began in July 2001 Member Brookings School Board Brookings	Wes Tschetter
Laurie Gustafson	Represents state employees Began board service in July 2005 Labor law compliance officer Department of Transportation Pierre	Governor's appointee Board service began in May 1995 Commissioner South Dakota Bureau of Personnel Pierre	Sandra Zinter
James O. Hansen	Represents retirees Board service began in July 1993 Retired administrator Pierre		

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South Dakota Retirement System



## Administration

ADMINISTRATOR	Robert A. Wylie
EXECUTIVE ASSISTANT	Dawn Smith

### **Management Group**

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DIRECTOR OF OPERATIONS	Damian Prunty
GENERAL COUNSEL	Wade A. Hubbard
CHIEF FINANCE OFFICER	Jane Roberts
RETIREMENT BENEFITS MANAGER	Corinne M. Koch
INTERNALAUDIT/ COMPLIANCE MANAGER	Susan Jahraus
ADMINISTRATIVE SERVICES SUPERVISOR	Lisa A. Vander Maten

## **Advisors, Auditors and Administrators**

CONSULTING ACTUARY

EXTERNAL AUDITOR

COMMUNICATIONS CONSULTANTS

PRIVATE SECTOR ADMINISTRATOR

INFORMATION SERVICES/ COMPUTER SUPPORT Buck Consultants, Inc. Denver, CO

KPMG LLP Omaha, NE

Koupal Communications, Inc. Pierre, SD

Nationwide Retirement Solutions Columbus, OH

S. Lee Huset (BIT) Pierre, SD

Ivan Plett (BIT) Pierre, SD

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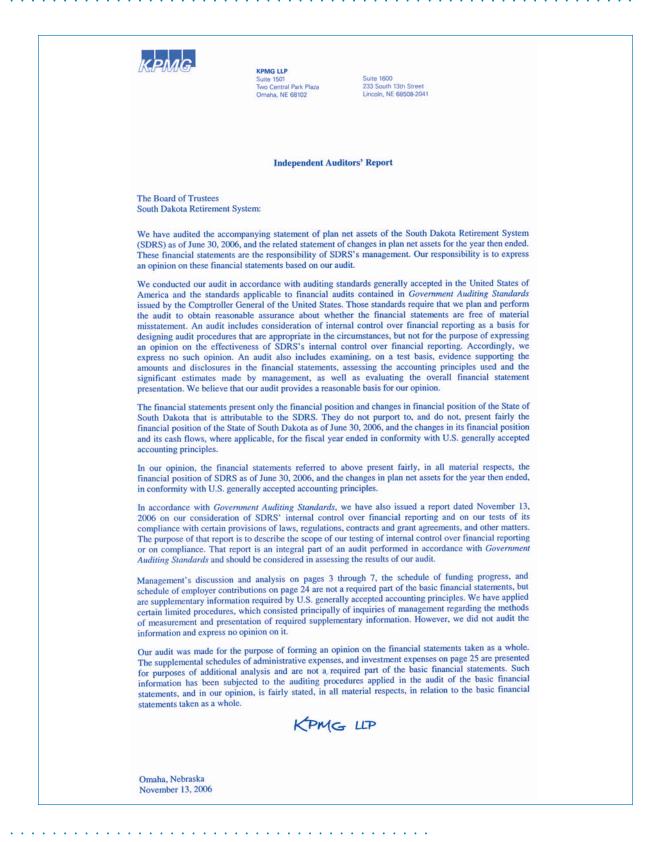


# FINANCIAL SUMMARY



Auditor's Opinion Management's Discussion and Analysis Basic Financial Statements Statement of Plan Net Assets Statement of Changes in Plan Net Assets Notes to Financial Statements Required Supplementary Information Supporting Schedules

# AUDITOR'S OPINION



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# MANAGEMENT'S DISCUSSION AND ANALYSIS

This section presents management's discussion and analysis of the South Dakota Retirement System's (SDRS or the System) financial position and performance as of and for the year ended June 30, 2006. This section is intended to supplement the SDRS financial statements and should be read in conjunction with the remainder of the SDRS comprehensive annual financial report.

## **Financial Highlights**

- The plan net assets of SDRS increased by \$684.7 million during fiscal year 2006. This increase was primarily due to the investment performance of 13.11 percent, which was above the assumed rate of 7.75 percent.
- SDRS funded ratio increased to 96.7 percent in 2006 from 96.6 percent in 2005.
- SDRS reserve for funding of long-term benefit goals is \$453 million.
- SDRS paid \$234.8 million to benefit recipients in fiscal year 2006 compared to \$217.6 million in 2005. SDRS received \$163.3 million in member and employer contributions in fiscal year 2006 compared to \$166.6 million in 2005.

The basic financial statements consist of:

#### **Financial Statements**

The South Dakota Retirement System presents the statement of the plan net assets as of June 30, 2006 and the statement of changes in plan net assets for the year then ended. These statements reflect resources available for the payment of benefits as of the year-end and sources and uses of those funds during the year.

#### Notes to the Financial Statements

The notes to the financial statements are an integral part of the financial statements and provide additional detailed information and schedules. Information in the notes provides disclosures concerning SDRS' organization, contributions and reserves, investments, the use of derivatives and security lending, and other information.

#### Supplemental Information

In addition to this discussion and analysis, the supplemental information also consists of two schedules of trend data and related notes concerning the funded status of SDRS and employer contributions.

Other supplementary schedules include detailed information on administrative expenses incurred by SDRS and a breakout of investment manager fees.

SDRS is a cost sharing, multiple employer, public employee retirement system. SDRS provides retirement, disability, and survivor benefits for employees of the state of South Dakota and its political subdivisions. The benefits are funded through member and employer contributions and investment income.

SDRS benefits are based on the members' final average compensation, their years of credited service, and a benefit multiplier and are payable for life with a 60 percent survivor benefit.

# South Dakota Retirement System

# Overview of the Financial Statements and Accompanying Information

**Financial Analysis** 



A summary of the plan net assets is shown below:

Assets	2005	2006
Cash and cash equivalents	\$ 1,286,942	\$ 2,872,712
Receivables	147,354,518	84,588,570
Investments	6,208,826,949	6,964,893,712
Securities lending collateral	383,218,402	565,300,475
Other assets	45,014	41,265
Total assets	\$6,740,731,825	\$7,617,696,734
Liabilities		
Accounts payable and accrued expenses	\$ 2,406,015	\$ 2,250,406
Securities sold, but not yet purchased	182,007,945	154,925,750
Unsettled investment purchases	12,640,185	50,590,469
Securities lending collateral	383,218,402	565,300,475
Due to broker	524,399	
Total liabilities	\$ 580,796,946	\$ 773,067,100
Net assets held in trust		
for pension benefits	<u>\$6,159,934,879</u>	<u>\$6,844,629,634</u>

The funded ratio is an actuarial measure of funding progress and soundness for SDRS based on the actuarial accrued liability measurement of liabilities. The ratio is equal to the actuarial value of assets divided by the actuarial accrued liabilities. A ratio in excess of 100 percent would indicate that the actuarial accrued liability is fully funded.

The actuarial value of assets is equal to the net actuarial value of assets plus the reserve of funding of long term benefit goals. The net actuarial value of assets is credited each year with the assumed rate of investment return and debited or credited with the SDRS liability gain or loss for the year. The resulting actuarial value of assets is constrained to a range of 80 percent to 120 percent of the market value of assets, and the reserve for funding of long term benefit goals is adjusted if these limits apply.

The actuarial accrued liability is the present value of all benefits currently being paid and expected to be paid in the future, to all members, less the present value of future normal cost contributions.

Actuaria	Accrued	Liability	Funded Ratio	
	2005		2006	Change
Funded ratio	96.6%		96.7%	0.1%

# Summary of Plan Net Assets

June 30, 2005 and 2006

## **Funded Ratio**



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## Change in Plan Net Assets

Additions to the plan net assets include member and employer contributions and net investment income. The fixed member and employer contribution rates are established by law. On an annual basis, an independent actuarial valuation of SDRS is made to determine the adequacy of the fixed contribution rates to pay the normal cost of benefits, expenses, and amortize the unfunded actuarial accrued liability. In addition to the fixed contributions, members and employers may make additional contributions to purchase uncredited prior service. These purchase or acquisition payments are also included as contributions. As the SDRS membership ages, the number and amount of purchases have grown.

Income from investments is the other primary source of revenue for SDRS. The actuarial assumed investment rate is 7.75 percent at June 30, 2006. SDRS investment performance has exceeded this assumed rate over the ten-year annualized period, with a return of 10.29 percent compared to the benchmark return of 8.72 percent. The investment returns were 13.11 percent for 2006 and 13.34 percent for 2005.

Deductions from plan net assets are primarily benefit payments. During 2006, SDRS paid \$234.8 million to benefit recipients or 7.9 percent more than 2005. The increase is due to added recipients and the annual 3.1 percent cost of living adjustment (COLA). Refunds of accumulated contributions during 2006 increased. Administrative costs of SDRS represent less than 0.04 percent of plan net assets.

A summary of the changes in plan net assets is shown below:

	2006	2005	% Change
Additions:			-
Member contributions	\$ 82,464,727	\$ 89,158,629	(7.5)%
Employer contributions	80,829,338	77,474,967	4.3%
Investment income	<u>_783,993,684</u>	<u>716,237,979</u>	9.5%
Total additions Deductions:	\$ 947,287,749	\$ 882,871,575	7.3%
Benefits	\$ 234,825,875	\$ 217,550,207	7.9%
Refunds of contributions	25,069,548	20,840,323	20.3%
Administrative expenses	2,697,571	<u>2,772,121</u>	<u>(2.7)%</u>
Total deductions	\$ 262,592,994	\$ 241,162,651	8.9%
Net increase	\$ 684,694,755	\$ 641,708,924	6.7%
Net assets held in trust for pension benefits:			
Beginning of year	\$ <u>6,159,934,879</u>	\$ <u>5,518,225,955</u>	<u>11.6%</u>
End of year	\$6,844,629,634	\$6,159,934,879	11.1%



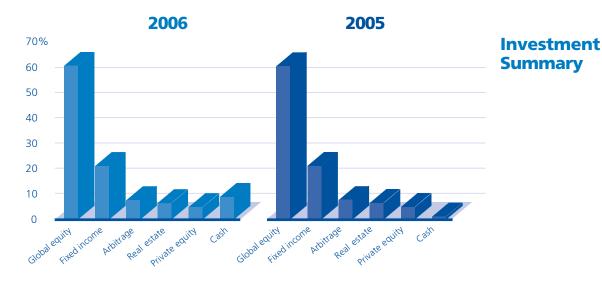
SDRS investment portfolio management is the statutory responsibility of the South Dakota Investment Council. The South Dakota Investment Office is the primary investment manager, but the Council may utilize the services of external money managers.

Investment performance during the last two years was 13.11 percent in 2006 and 13.34 percent in 2005. The investment performance is in the top one-third compared to other state plans.

The Investment Council is governed by the prudent man standard, as defined in South Dakota Codified Law 4 5 27:

4 5 27. Prudent man standard required in investments. Any investments under the provisions of  $\S$  4 5 12 to 4 5 39, inclusive, shall be made with the exercise of that degree of judgment and care, under circumstances then prevailing, which persons of prudence, discretion, and intelligence exercise in the management of their own affairs, not for speculation but for investment, considering the probable safety of their capital as well as the probable income to be derived.

Though monthly benefit payments exceed monthly contributions, the SDRS is not subject to sudden, substantial, and unexpected withdrawals. As a result, it is not necessary to maintain a high percentage of assets in short-term investments unless that is deemed to be the best investment strategy. This allows the SDRS trust fund to be fully invested in a diversified portfolio of securities.



While the markets have not always made it possible to achieve the long-term assumptions, the System's funding remains solid. The reserve for long-term benefit goals has provided a process for both improving benefits and protecting the System in down markets.

Requests for information about SDRS may be directed to the South Dakota Retirement System at P.O. Box 1098, Pierre, SD 57501. You may also contact SDRS online at www.sdrs.sd.gov.

Comprehensive Annual Financial Report 2006

## Investments

**Plan Status** 

# **Requests for Information**



# **BASIC FINANCIAL STATEMENTS**

## Statement of Plan Net Assets

As of June 30, 2006

Assets		
Cash and cash equivalents		\$2,872,712
Receivables		
Employer	2,491,140	
Employee	7,797,938	
Benefits	106,334	
Unsettled investment sales	52,411,003	
Accrued interest and dividends	21,315,755	
Due from brokers—		
futures transactions	466,400	
Total receivables		84,588,570
Investments, at fair value		
Fixed income	1,930,920,764	
Equities	4,255,956,562	
Realestate	437,294,808	
Private equity	340,721,578	
Total investments		6,964,893,712
Invested securities lending collate	ral	565,300,475
Other assets		41,265
Total assets		<u>7,617,696,734</u>
Liabilities		
Payables		
Accounts payable		
and accrued expenses	2,250,406	
Securities sold, but not yet		
purchased, at fair value	154,925,750	
Unsettled investment		
purchases	50,590,469	
Securities lending collateral	<u>565,300,475</u>	

Net assets held in trust for pension benefits \$6,844,629,634

(A schedule of funding progress is presented in the Required Supplemental Information.)

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

South Dakota Retirement System





\$ 82,464,727 80,829,338		<b>Changes in Plan No Assets</b> For the year ended June 30, 2006
	\$ 163,294,065	
590,265,798 90,041,825 103,344,107 <u>13,583,173</u> 797,234,903 <u>(14,720,762)</u>	782,514,141	
18,871,215 _(17,391,672)		
y income	1,479,543	
	\$ <u>783,993,684</u>	
	\$ 947,287,749	
234,825,875 25,069,548 <u>2,697,571</u>		
	\$ <u>262,592,994</u>	
	684,694,755	
ision benefits	<u>6,159,934,879</u> \$ <u>6,844,629,634</u>	
	<u>80,829,338</u> 590,265,798 90,041,825 103,344,107 <u>13,583,173</u> 797,234,903 <u>(14,720,762)</u> 18,871,215 <u>(17,391,672)</u> ty income 234,825,875 25,069,548	<u>80,829,338</u> <b>\$ 163,294,065</b> <b>5</b> 90,265,798 90,041,825 103,344,107 <u>13,583,173</u> 797,234,903 <u>(14,720,762)</u> <b>7</b> 82,514,141 <b>1</b> 8,871,215 <u>(17,391,672)</u> ty income <u>1,479,543</u> <b>\$ 783,993,684</b> <b>\$ 783,993,684</b> <b>\$ 947,287,749</b> <u>234,825,875</u> <u>25,069,548</u> <u>2,697,571</u> <b>\$ 262,592,994</b> <u>684,694,755</u> <b>sion benefits</b> <u>6,159,934,879</u>

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

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Comprehensive Annual Financial Report 2006



# **Notes to Financial Statements**

#### 1. General Description of the System:

The South Dakota Retirement System (SDRS) is a costsharing, multiple employer, public employee retirement system (PERS) established to provide retirement benefits for employees of the state of South Dakota (the State) and its political subdivisions. Members of SDRS include fulltime employees of public schools, the State, the Board of Regents, city and county governments, and other public entities. Public schools, cities, and counties may choose not to include certain fulltime employees in the system.

SDRS is considered a part of the State financial reporting entity and is included in the State's financial report as a pension trust fund. Authority for establishing, administering, and amending plan provisions are found in South Dakota Codified Law (SDCL) 3-12.

The South Dakota Retirement System Board of Trustees (the Board) is the governing authority of SDRS. The Board consists of 14 elected representatives from participating groups, two appointees of the governor, and an exofficio nonvoting representative of the South Dakota Investment Council. The elected representatives of the Board are two teacher members; two State employee members; a participating municipality member; a participating county member; a participating classified employee member; a current contributing Class B member other than a justice, judge, or magistrate judge; a county commissioner of a participating county; a school district board member and an elected municipal official of a participating municipality; a retiree; and a faculty or administrative member employed by the Board of Regents. The two Governor's appointees consist of one head of a principal department established pursuant to SDCL 1-32.2, or one head of a bureau under the office of executive management and one individual from the private or public sector.

SDRS is a hybrid defined benefit plan designed with several defined contribution plan type provisions. The system includes two classes of members: Class A-general members and Class B-public safety and judicial members. Members and their employers make matching contributions, which are defined in State statute. SDRS may expend up to 3 percent of the annual contributions for administrative expenses subject to approval by the executive and legislative branches of the State.

SDRS provides retirement, disability, and survivor benefits. The right to receive retirement benefits vests after three years of contributory service. Class A members and Class B judicial members who retire after age 65 with three years of service are entitled to an unreduced annual retirement benefit. An unreduced annual retirement benefit is also available after age 55 for Class A members where the sum of age and credited service is equal to or greater than 85 or after age 55 for Class B judicial members where the sum of age and credited service is equal to or greater than 80. Class B public safety members can retire with an unreduced annual retirement benefit after age 55 with three years of contributory service. An unreduced annual retirement benefit is also available after age 45 for Class B public safety members where the sum of age and credited service is equal to or greater than 75. All retirement benefits that do not meet the above criteria may be payable at a reduced level. All benefits receive an annual cost-of-living adjustment of up to 3.1 percent each July 1st. The first year increase is prorated for the number of months the benefit is received.

SDRS is a qualified defined benefit retirement plan under Section 401(a) of the Internal Revenue Code and is exempt from Federal income taxes. SDRS has received a favorable determination letter dated August 13, 1996.

SDRS is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors, and omissions; injuries to employees; and natural disasters. SDRS is uninsured for property loss. SDRS participates in the various programs administered by the State of South Dakota (the State). These risk management programs are funded through assessments charged to participating entities. The risk management programs include (1) coverage for risks associated with automobile liability and general tort liability (including public officials' errors and omissions liability, medical malpractice liability, law enforcement liability, and products liability) through the State's Public Entity Pool for Liability Fund, (2) coverage of employee medical claims through the State's health insurance program, (3) coverage for unemployment benefits through the State's Unemployment Insurance Fund, and, (4) coverage for workers' compensation benefits through the State's Workers' Compensation Fund. Financial information relative to the self-insurance funds administered by the State is presented in the State of South Dakota Comprehensive Annual Financial Report.

As of June 30, 2006, the number of participating governmental employers is as follows:

School districts	183
State of South Dakota	1
Board of Regents	1
Municipalities	143
Counties	64
Boards and commissions	<u>86</u>
Total employers	<u>478</u>



South Dakota Retirement System



At June 30, 2006, SDRS membership consisted of:

, , ,	
Retirees and beneficiaries currently receiving Class A (general employees) Class B Public Safety and Judicial employees	<b>g benefits:</b> 17,098 978
Total retirees and beneficiaries	18,076
Total fettiees and beneficialles	10,070
Terminated members entitled to benefits but not yet receiving them:	
Class A (general employees)	13,351
Class B Public Safety and Judicial employees	457
Total terminated members	13,808
Current active members: Vested: Class A Class B Public Safety and Judicial Nonvested: Class A Class B Public Safety and Judicial Total current active members	26,959 1,832 6,679 <u>604</u> <b>36,074</b>
Grand total	<u>67,958</u>

#### 2. Summary of Significant Accounting Policies:

(a) <u>Basis of Accounting and Presentation</u>: The accompanying financial statements are prepared using the accrual basis of accounting in accordance with U.S. generally accepted accounting principles applicable to governmental accounting for a pension trust fund. Revenue is recorded when earned and expenses recorded when incurred. Employee and employer contributions are recognized when due pursuant to formal commitment, as well as statutory requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

(b) <u>Method Used to Value Investments</u>: Investments are reported at fair value. Fair value is determined based on closing market prices at June 30, 2006 for those securities traded on national and international stock exchanges and at the average of bid and asked quotations for those securities traded in the over the counter markets. Investments not traded on any exchange are valued at fair value based on estimates made by management. The value of foreign securities in foreign currency amounts is expressed in U.S. dollars at the closing daily rate of exchange. Real estate is valued at market based upon annual appraisals. Purchases and sales are recorded as of the trade date.

The equity securities include common stocks, preferred stocks, convertible debentures, arbitrage securities, and equity international funds. The fixed income securities include U.S. government and government-backed bonds and corporate bonds.

Foreign exchange rate gains and losses are included with the net appreciation in fair value in investments. Futures contracts are marked to market based on quoted futures prices with changes in fair value reflected in the current period.

Interest and dividends are accrued in the period in which they are earned.

#### 3. Contributions and Reserves:

**Contributions** — Covered employees are required by statute to contribute a percentage of their salary to SDRS as follows:

Class A members — 6 percent of salary Class B Judicial members — 9 percent of salary Class B Public Safety members — 8 percent of salary

All participating employers are required to contribute an amount equal to the member's contributions. Members may make an additional contribution of 1.2 percent of compensation for optional spouse coverage.

SDRS is funded by fixed member and employer contributions at a rate established by law. On an annual basis, an independent actuarial valuation of SDRS is made to determine the adequacy of the fixed contractually required contributions to pay the normal cost, expenses, and amortize the frozen unfunded actuarial accrued liability. The June 30, 2006 actuarial valuation of the plan determined that the contractually required employer contributions equals the requirements for the annual required contribution of the employers under Government Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, since the contractually required employer contributions are sufficient to pay the employer normal cost, expenses, and amortize the frozen unfunded actuarial accrued liability over a period of less than 30 years (20 years as of June 30, 2006). Annual required contributions of the employer equal to the contractually required contributions have been listed below pursuant to GASB Statement No. 27, Accounting for Pensions by State and Local Governmental Employers.

Comprehensive Annual Financial Report 2006



Year ending June 30	<b>Employers</b>	<u>% Contributed</u>
2006	\$80,829,338	100%
2005	77,474,967	100%
2004	74,854,496	100%

Contributions during fiscal 2006 totaling \$163,294,065 (\$82,464,727 employee and \$80,829,338 employer) were made in accordance with statutory rates. These contributions represent 13.3 percent of current year covered payroll for all participating units. The employee contributions exceed the employer contributions because of optional spouse coverage contributions and employee service purchase payments.

SDRS allows participating entities to pay their deferred contributions for funding of accrued benefits over periods of up to 20 years and members to pay for the purchase of certain prior service over periods of up to 10 years. Interest is charged at rates of 5 percent to 8 percent.

Future payments will be received as follows:

Year ending June 30	<b>Employers</b>	Employees
2007	\$ 183	\$2,035,713
2008	0	1,400,581
2009	0	997,148
2010	0	619,747
2011	0	461,521
Later	0	807,413
	183	6,322,123
Less amount representing intere		<u>1,065,086</u>
Deferred contributions receivabl at June 30, 2006	e \$ <u>170</u>	\$ <u>5,257,037</u>

**Reserves** — The reserve for funding of long term benefit goals is designed to fund benefit improvements and provide the plan with protection against adverse experience. The reserve is annually credited with 20 percent of the actual investment return amount and 20 percent of the actuarial experience amount above or below the assumed amount over rolling five-year periods. Effective June 30, 2001, a change in methodology provided for immediate recognition of 100 percent of actuarial investment losses. In addition, the reserve is adjusted if the actuarial value of assets deviates from a range of plus or minus 20 percent of the plan's market value and is reduced if the projected period to amortize frozen unfunded actuarial accrued liabilities exceeds 30 years. The actuarial value of assets is the smoothed-market-based valuation method used in the SDRS actuarial valuation. As of June 30, 2006, the actuarial value of assets equaled \$5.669 billion. The reserve is added to both the present value of future benefits and the actuarial value of assets. As of June 30, 2006, the balance in the reserve for funding of long-term benefit goals is \$453 million.

#### 4. Cash and Investments:

Investment portfolio management is the statutory responsibility of the South Dakota Investment Council, which may utilize the services of external money managers for management of a portion of the portfolio. The South Dakota Investment Council is governed by the Prudent Man Rule (that is, the council should use the same degree of care as a prudent man). Current South Dakota Investment Council investment policies dictate limits on the percentage of assets invested in various types of vehicles (equities, fixed income securities, real estate, cash, etc.).

Cash and cash equivalents are invested in short term instruments or short term investment funds by the external money managers and the South Dakota Investment Council and are held at cost. Cash held by the State Treasurer of \$2,872,712 was invested in the state's pooled investment fund. The external money managers did not hold cash in SDRS accounts. Investments in the state's pooled investment fund consist primarily of commercial paper rated A1 or P2 or better, short term U.S. Treasury obligations, bank certificates of deposit, and money market funds.

Investments at June 30, 2006 were managed by the following:

0	<u>Cost</u>	Fair value
State of South Dakota		
Investment Council	5,085,411,454	5,690,442,554
Blackstone Real Estate Partners	225,578,910	261,740,161
Research Affiliates	107,234,683	111,155,861
Capital Guardian Global Equity Fund	100,000,167	100,366,042
Cargill North American		
Real Estate Partners	103,858,652	100,350,096
Post Advisory Group LLC	64,716,221	70,435,104
Silver Lake Partners LP	59,078,777	68,466,473
KKR Associates	38,163,365	50,889,749
Cypress Merchant Banking Partners	LP 42,712,278	50,376,451
Apollo Real Estate Advisors LP	47,863,689	50,190,424
Nicholas Applegate	39,824,005	48,497,198
Bridgewater Pure Alpha Fund II	50,000,000	48,267,999
Dimensional Fund Advisors, Inc.	19,275,373	48,083,495
Blackstone Private Equity	36,688,669	42,169,610
Doughty Hanson & Co.		,,
Private Equity IV	39,239,807	39,965,926
Brandes Investment Partners	34,586,597	32,880,374
Lehman Crossroads	,,	
Investment Advisors LP	41,590,402	31,532,573
Doughty Hanson & Co.		,,
European Real Estate	16,257,561	25,014,127
AllianceBernstein Global	/ /	
Strategic Fund	20,783,849	24,668,007
CVC	12,946,299	13,067,527
AIG Capital Partners	17,070,616	12,707,463
AllianceBernstein Global Opportuniti		12,707,100
Offshore Hedge Fund	10,000,000	12,080,692
Carlyle IV	10,139,298	10,139,298
Capital International, Inc.	9,501,806	9,477,472
Elevation Partners	7,124,886	7,155,506
DLJ Merchant Banking Partners LP	6,435,811	4,773,530
DE Merchant banking Farthers Er	0,455,011	4,775,550
Total investments	6,246,083,175	6,964,893,712
Securities sold, but	(426.267.042)	(454.005.750)
not yet purchased	(136,267,818)	(154,925,750)
Total	<u>6,109,815,357</u>	<u>\$6,809,967,962</u>



South Dakota Retirement System



Investments managed by the South Dakota Investment Council consist of domestic and international equity securities, government and corporate fixed-income instruments, and short term investments. The Post Advisory Group LLC invests in distressed and highyield fixed-income securities. AllianceBernstein Global Opportunities Offshore Hedge Fund, AllianceBernstein Global Strategic Fund, Bridgewater Pure Alpha Fund II, Brandes Investment Partners, Research Affiliates, Capital Guardian Global Equity Fund, Nicholas Applegate, and Dimensional Fund Advisors, Inc. invest in global equities. Blackstone Real Estate Partners, Doughty Hanson & Co. European Real Estate, Apollo Real Estate Advisors LP, and Cargill North American Real Estate Partners invest in real estate. DLJ Merchant Banking Partners LP, KKR Associates, AIG Capital Partners, Capital International, Inc., Lehman Crossroads Investment Advisors LP, Silver Lake Partners LP, Doughty Hanson Private Equity IV, Blackstone Private Equity, Elevation Partners, CVC, Carlyle IV, and Cypress Merchant Banking Partners LP invest in private equity.

#### Foreign Currency Risk:

Foreign currency risk is the risk that changes in exchange rates will adversely impact the fair value of an investment. SDRS' exposure to foreign currency risk derives from its positions in foreign currency and foreign-currency denominated equity investments. SDRS does not hedge foreign currency back to U.S. dollars (to match the unhedged benchmark), but does allow hedging under certain circumstances, when deemed appropriate. The portfolio's exposure to foreign currency risk at June 30, 2006 is as follows (in U.S. dollar fair value):

<u>Currency</u>	Equities U.S. dollar <u>fair value</u>	Fixed income U.S. dollar <u>fair value</u>	Cash U.S. dollar <u>fair value</u>	<u>Total</u>
Australian dollar	\$3,077,095	_	\$12,913	\$3,090,008
Brazilian real	1,640,236	_	_	1,640,236
British pound	337,694,544	_	8,552,326	346,246,870
Canadian dollar	87,853,947		3,309,340	91,163,287
Chinese renminbi	424,462	_	5,674	430,136
Danish kroner		—	27,951	27,951
Euro	441,365,380	5,799,411	4,448,846	451,613,637
Hong Kong dollar	2,299,731	—	1,120	2,300,851
Hungarian forint	187,575	—	_	187,575
Indonesian Rupiah	316,941	—		316,941
Israeli shekel	771,173	—	2,668	773,841
Japanese yen	209,222,401	—	22,545,454	231,767,855
Korean won	28,952,052	—		28,952,052
Malaysian Ringgit	419,024	—	_	419,024
New Zealand dollar	486,646	—	195	486,841
Norwegian krone	17,901,633	—	261,311	18,162,944
Singapore dollar	11,251,148	—	352,046	11,603,194
Swedish krona	3,688,844	—	88,622	3,777,466
Swiss franc	134,751,195		3,975,363	138,726,558
Taiwan dollar	879,687			879,687

Total fair value \$1,283,183,714 \$5,799,411 \$43,583,829 \$1,332,566,954

Investments with limited partnerships and certain global equity investments with outside managers, which are not included in the table above, may expose SDRS's portfolio to additional foreign currency risk. The total fair value of investments in real estate and private equity limited partnerships as of June 30, 2006 was \$778,016,386. The total fair value of global equity investments managed by outside managers was \$257,295,426.

#### Custodial Credit Risk:

Custodial credit risk is the risk that in the event of a bank failure, SDRS' deposits may not be returned. At June 30, 2006, the following investments were uninsured and unregistered, with the securities held by the counterparty, or by its trust department or agent, but not in SDRS' name.

Total investments	\$ 7,004,761
Security lending collateral	<u>564,894,775</u>

Total fair value	\$ <u>571,899,536</u>
------------------	-----------------------

Securities lending transactions are permitted by the Board. These transactions involve the lending of securities to brokerdealers and other entities for collateral in the form of cash or securities, with the simultaneous agreement to return the collateral for the same securities in the future. The securities custodian is an agent in lending securities for collateral of the following percentages:

<u>Collateral type</u>	Margin required
Cash	100 %
U.S. governments	102
U.S. agencies	102
U.S. sponsored agencies	102
Asset backed (AAA)	105
Corporates (AAA)	110
Money market (A1/P1 — under 1 year	) 102

The cash collateral is reinvested by the lending agent in accordance with contractual investment guidelines that are designed to ensure the safety of principal and obtain a moderate rate of return. The investment guidelines include very high credit quality standards and also allow for a portion of the collateral investments to be invested with short term securities. The earnings generated from the collateral investments, less the amount of rebates paid to the dealers, results in the gross earnings from lending activities, which is then split on a percentage basis with the lending agents.

At year end, no credit risk exposure to borrowers exists because the amounts owed the borrowers exceed the amounts the borrowers owe. The contract with the lending agent requires the agent to indemnify if the



borrowers fail to return the loaned securities and the collateral is inadequate to replace the securities lent.

All securities loans can be terminated on demand by either SDRS or the borrower, although the average term of the loans is one business day. The term to maturity of the securities loans is matched with the term to maturity of the investments of the cash collateral by investing in a variety of short term investments. The ability to pledge or sell collateral securities can be made without borrower default. In addition, no restrictions on the amount of the loans exist.

These loans are part of the investment portfolios. Collateral consisting of cash value of 102 percent of the market value of the securities loaned were placed on account for the securities lending program.

#### Concentration of Credit Risk:

Concentration of credit risk is the risk of loss that may be attributed to the magnitude of a government's investment in a single issue. SDRS does not have guidelines to limit its investments in any particular investment.

#### **Interest Rate Risk:**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The SDRS's fixed income portfolio's duration must fall between 70 percent and 130 percent of the duration of the Citigroup Broad Investment Grade (BIG) Index. The durations of the various investment types are listed in the following table:

Investment type	<u>Fair value</u>	<b>Duration</b>
U.S. Treasuries U.S. Treasury strips U.S. agencies Investment grade corporates High-yield corporates Mortgage-backed securities Mutual funds Bank debt	\$104,184,396 24,138,212 114,469,981 298,748,059 276,987,991 329,314,056 517,438,877 4,328,329	7.84 16.68 6.28 3.90 3.53 4.62 0.00 0.34
Total	\$1.669.609.901	3.36

#### **Credit Risk:**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to SDRS. The South Dakota Investment Council sets the investment policy annually for the SDRS. This policy establishes the average percentage invested in each asset category and the fund allocation range that each asset category can vary during the fiscal year. As of June 30, 2006, the portfolios held the following investments, excluding those issued by or explicitly guaranteed by the U.S. government, which are not considered to have credit risk. The investments are grouped as rated by Moody's Investors Service.

<u>Moody's rating</u>	Fair value
Aaa Aa Baa Ba B Caa Ca C C Not rated	\$ 922,884,826 77,398,916 80,451,506 90,161,259 197,180,253 70,737,281 15,889,062 (403,813) <u>39,034,435</u>
Total	\$ <u>1,493,333,725</u>

During fiscal year 2006, SDRS's investments (including investments bought and sold, as well as held during the year) appreciated in value by \$590,265,798.

The calculation of realized gains and losses is independent of a calculation of the net change in the fair value of investments. Realized gains and losses on investments that had been held in more than one fiscal year and sold in the current year were included as a change in the fair value of investments reported in the prior years and current year.

Veer ended

#### Change in Fair Value of Investment

e 30, 2006
2,769,306
,399,346)
,131,707)
,519,923)
204 (70)
,281,670)
9,468,997
5,163,640
2,740,028
4,812,766
2,185,431
4,362,037
0,265,798



#### 5. Derivatives:

Derivatives are generally defined as contracts whose value depends on, or derives from, the value of an underlying asset, reference rate, or index. SDRS is exposed to a variety of derivative products through the investment management of the South Dakota Investment Council and their outside managers.

The South Dakota Investment Council purchases and sells financial and interest rate futures as a means of adjusting the SDRS portfolio mix and as a lower transaction cost substitute for transactions that would otherwise occur in the underlying portfolios. Futures contracts outstanding at June 30, 2006 are as follows:

<b>Description</b>		<u>position</u>	<u>contracts</u>	<u>value</u>
S&P 500 Index due September	2006	Short	(583)	\$(185,131,650)

A futures contract is a contract to buy or sell units of an index or financial instrument at a specified future date at a price agreed upon when the contract is originated. Upon entering into such a contract, SDRS pledges to the broker cash or U.S. government securities equal to the minimum "initial margin" requirement of the futures exchange. Additionally, SDRS receives or pays a daily "variation margin," which is an amount of cash equal to the daily fluctuation in value of the contract. The use of futures contracts is subject to various market risks. The maximum amount at risk from the purchase (long position) of a futures contract is the contract value. The amount at risk from the sale (short position) of a futures contract depends upon the amount that the contract raises in value. Although short positions have theoretically no maximum risk, the SDRS short positions are hedged against the underlying portfolio to limit the exposure. Each S&P 500 contract is defined as 250 times the price of the S&P 500 index. Each note and bond contract is defined as \$100,000 par value of a 6 percent U.S. Treasury securities adjusted for duration.

The hedging guidelines of the SDRS arbitrage portfolios managed by the South Dakota Investment Council provide that stock and other noncash considerations to be received may be hedged through the use of options, short sales, or when and if-issued sales. The two arbitrage portfolios had short sales valued at \$154,925,750 as of June 30, 2006. A short sale involves the sale of securities not yet owned, but borrowed through a broker to be later repurchased to cover the loan. The arbitrage portfolios use the short sales to hedge the disparities between the existing price of a security and the present value of considerations to be received as a result of restructuring or merger activity. The South Dakota Investment Council also enters into foreign exchange forward contracts to hedge foreign currency transactions. These contracts are purchased to reduce the impact of foreign currency fluctuations. The South Dakota Investment Council does not engage in foreign currency speculation. The contracts do not subject SDRS to risk due to exchange rate movements as gains and losses on the contracts offset gains and losses on the transactions being hedged. The unrealized loss on foreign exchange forward contracts as of June 30, 2006 was \$3,313,293. This amount does not include limited partnerships and certain global equity investments with outside managers, which may also enter into foreign exchange forward contracts. The total fair value of investments in real estate and private equity limited partnerships as of June 30, 2006 was \$778,016,386. The total fair value of global equity investments managed by outside managers was \$257,295,426.

SDRS' theoretical risk in these transactions is the cost of replacing, at current market rates, these contracts in the event of default by the other party. Management believes the risk of incurring such losses is remote as the contracts are entered into with major financial institutions.

In addition to the derivatives listed above, the SDRS fixed income portfolio also held mortgage backed securities in the form of GNMAs, FHLMCs, and FNMAs. The fair value of these securities as of June 30, 2006 was \$441,356,320. These securities may be subject to prepayment by the mortgagees, which may reduce the fair value of these securities. The South Dakota Investment Council is using this investment to enhance fixed returns.

#### 6. Compensated Absences:

Annual leave is earned by all employees. Upon termination, employees are eligible to receive compensation for their accrued annual leave balances. At June 30, 2006, a liability existed for accumulated annual leave calculated at the employees' June 30, 2006 pay rate in the amount of \$86,783. Employees who have been continuously employed by SDRS and the State for at least seven years prior to the date of their retirement, voluntary resignation, or death will receive payment for one fourth of their accumulated sick leave balance with such payment not to exceed the sum of 12 weeks of the employee's annual compensation. For employees who have not been employed for seven continuous years, an accrued liability is calculated assuming the likelihood that they will meet the seven-year threshold in the future. At June 30, 2006 a liability existed for accumulated and accrued sick

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leave, calculated at the employees' June 30, 2006 pay rate in the amount of \$111,166.

	<u>2006</u>	<u>2005</u>	<u>% change</u>
Total compensated			
absences	\$197,949	\$240,119	(17.56)%

The total leave liability for the current year is on the Statement of Net Assets Available for Benefits in accounts payable and accrued expenses.

#### 7. Operating Leases:

The SDRS has entered into an agreement to lease office space. The lease was effective September 2002 and has a term of five years. A schedule of minimum office rental payments as of June 30, 2006 is as follows:

Fiscal year ending June 30, 2007	<u>Amount</u> \$81,347
Total remaining minimum payments	\$ <u>81,347</u>

#### 8. Supplemental Retirement Plan:

SDRS offers a deferred compensation plan known as the Supplemental Retirement Plan (SRP), created in accordance with Internal Revenue Code Section 457. SRP is available to all public employees and permits them to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death, or unforeseen emergency.

All amounts of compensation deferred under the Plan, all property and rights purchased with those amounts, and all income attributable to those amounts, property, or rights are at all times held in trust for the exclusive benefit of the participants until made available to a participant or the participant's beneficiary.

Of the \$105,274,336 net assets available for plan benefits at June 30, 2006, \$71,600,537 was held in trust for employees of the State, while the remaining \$33,673,799 represents the assets held in trust for employees of other jurisdictions. In order to avoid duplication in reporting, the SDRS total of \$418,580 is included in the State total and the State's comprehensive annual financial report for the year ended June 30, 2006.

#### 9. Special Pay Plan:

The Plan was established in July 2004 as a qualified plan pursuant to Internal Revenue Code Section 401(a) under the administrative responsibility of the SDRS Board of Trustees. South Dakota state government and the South Dakota Board of Regents are participating units and every state political subdivision may become a participating unit in the plan. The Plan mandates that qualifying employees (over age 55 and \$2,000 or more in "special" pay) of participating units defer 100 percent of their special lump-sum termination pay to the plan. The participating unit transfers the deferred pay to the fund. This deferred pay is available to a participant immediately after termination, upon later retirement, or to beneficiaries or an estate upon the participant's death.

Of the \$6,822,859 net assets available for plan benefits at June 30, 2006, \$3,831,627 was held in trust for employees of the State, while the remaining \$2,991,232 represents the assets held in trust for employees of other jurisdictions.

#### **10. Plan Termination:**

SDRS is administered in accordance with South Dakota statutes. The statutes provide for full vesting in accrued benefits upon termination of the plan (SDCL 3 12 72.2).



Amounts prior to June 30, 2001 were audited by other auditors.

# **Schedule of Funding Progress**

(Dollar amounts in millions)						
	(a)	(b)			(c)	
Actuarial valuation date	Actuarial value of assets	Actuarial accrued liability — entry age [AAL]	Unfunded actuarial accrued liability [UAAL] (b-a)	Funded ratio (a/b)	Covered payroll	UAAL as a percentage of covered payroll ((b-a)/c)
6/30/2001	4,521.4	4,688.4	167.0	96.4%	1,029.7	16.2%
6/30/2002	4,425.4	4,576.9	151.5	96.7%	1,080.1	14.0%
6/30/2003	4,685.8	4,818.9	133.1	97.2%	1,117.3	11.9%
6/30/2004	4,937.5	5,051.7	114.2	97.7%	1,164.0	9.8%
6/30/2005 <sup>1</sup>	5,381.0	5,571.8	190.8	96.6%	1,206.1	15.8%
6/30/2006	5,668.5	5,859.9	191.4	96.7%	1,229.9	15.6%

For the year ended June 30	Annual required contributions	Percentage contributed
2001	55,697,940	100%
2002	58,544,918	100
2003	71,989,308	100
2004	74,854,496	100
2005	77,474,967	100
2006	80,829,338	100

# **Schedule of** Employer Contributions

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

## Notes to **Trend Data**

Valuation date	6/30/2006
Actuarial cost method	Entry age with frozen unfunded actuarial accrued liability
Amortization method	Level percentage-open
Remaining amortization period	20 years
Asset valuation method	Assets credited with assumed rate of investment return, debited/credited with liability gain/loss for the year, and constrained to a range of 80 percent to 120 percent of market.
Actuarial assumptions: Investment rate of return <sup>2</sup> Projected salary increase <sup>2</sup>	7.75%
based on age, with average of 5.5% Cost-of-living adjustments	4.15% to 8.13% 3.1%

<sup>&</sup>lt;sup>1</sup> Assumption changes occurred during fiscal year 2005. <sup>2</sup> Includes inflation at 4.0 percent.

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# SUPPORTING SCHEDULES

## Schedule of Administrative Expenses for the Year Ended June 30, 2006

		Cash basis	Accrual basis
Personal services			
Salary and per diem		\$1,187,442	\$1,180,077
Employee benefits		311,499	276,280
Total personal services		1,498,941	1,456,357
<b>Operating expenses</b> Travel		65,321	60,907
Contractual services			
Finance	6,000		5,880
Valuations	126,051		130,144
Consulting	129,446		133,474
Studies	46,011		45,091
Legal	4,688		4,594
Communications	42,008		41,168
Medical	52,449		51,400
Operations	<u>516,209</u>		<u>519,113</u>
Total contractual services		922,862	930,864
Supplies and materials		213,925	194,927
Capital assets		<u> </u>	54,515
Total operating expenses		<u>1,282,142</u>	<u>1,241,214</u>
Total administrative expenses		\$ <u>2,781,083</u>	\$ <u>2,697,571</u>

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# Schedule of Investment Expenses

for the Year Ended June 30, 2006

	Management
Investment managers	expense
South Dakota Investment Council	\$ 3,363,581
AllianceBernstein Global Strategic Fund	233,847
Apollo Real Estate Advisors LP	1,382,315
Blackstone Private Equity	1,084,292
Blackstone Real Estate Partners	(2,228,710)
Brandes Investment Partners	322,996
Cargill North American Real Estate Partners	1,767,518
CVC	695,596
Cypress Merchant Banking Partners LP	183,670
Dimensional Fund Advisors, Inc.	251,485
DLJ Merchant Banking Partners LP	38,475
Doughty Hanson & Co. European Real Estate	1,456,164
Doughty Hanson & Co. Private Equity IV	517,571
Elevation Partners	1,097,687
KKR Associates	375,563
Lehman Crossroads Investment Advisors LP	608,821
Nicholas Applegate	588,993
Post Advisory Group LLC	1,182,267
Research Affiliates	566,872
Silver Lake Partners LP	1,006,838
The Carlyle Group	224,921
Total investment manager expenses	\$ <u>14,720,762</u>



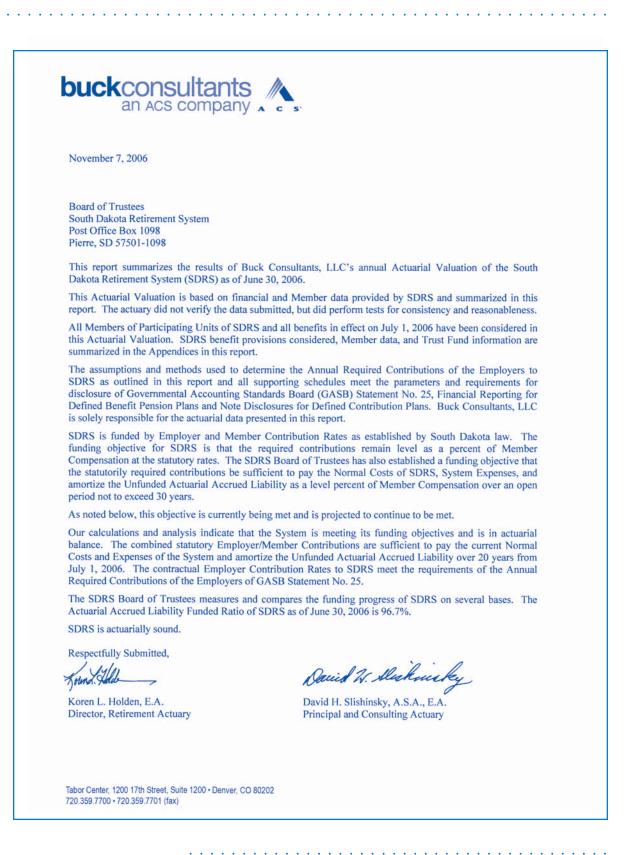
South Dakota Retirement System

# ACTUARIAL SUMMARY



Actuary's Opinion Actuarial Overview Actuarial Valuation Summary of Benefit Provision Changes Plan Summary

# ACTUARY'S OPINION





South Dakota Retirement System

An actuarial valuation of SDRS is performed as of June 30 each year. Prior to 1996, in odd-numbered years, an update was made which considered expected changes in the actuarial measures due to the assumed experience of the system as well as the effect of any changes in value of assets, actuarial valuation methods, or benefit provisions.

In the 2006 actuarial valuation, two important actuarial measures have been calculated in evaluating the actuarial soundness and funding progress of SDRS. They are:

- actuarial accrued liability funded ratio
- funding period

The actuarial accrued liability (AAL) is the present value of all benefits currently being paid and expected to be paid in the future, to all members, less the present value of future normal cost contributions. The actuarial accrued liability funded ratio is a required accounting disclosure. The measure is equal to the actuarial value of assets divided by the AAL. A ratio in excess of 100 percent indicates that projected accrued benefits are funded.

The funding period measures the length of time required to amortize unfunded actuarial accrued liabilities as well as pay the on-going normal costs, interest charges and expenses with the current contributions. The shorter the funding period the more favorable the actuarial measure.

## Actuarial Accrued Liability

	2005 actuarial valuation	2006 actuarial valuation
Actuarial accrued liability funded ratio (actuarial value of assets/AAL)	96.6%	96.7%
Funding period	20 years	20 years

#### Measures of Actuarial Soundness

The time-weighted annualized investment performance based on the market value of assets of the system for the most recent year was 13.1 percent, significantly more than the assumed rate of 7.75 percent for fiscal year 2006. The dollar-weighted annualized investment performance based on the market value of assets for the period was 12.8 percent. This results in an actuarial investment gain of \$371 million. The actuarial value of assets was credited with the assumed rate of return of 7.75 percent for the one-year period ending June 30, 2006 and decreased by the total liability gain of \$26 million. The reserve for funding of long-term benefit goals was increased from a balance of \$228 million as of June 30, 2005, to a balance of \$453 million as a result of strong investment returns above expectations for fiscal year 2006.

## Actuarial Investment Return Gains/Losses

For the year ended June 30, 2006

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#### Actuarial Liability Gains/Losses

For the year ended June 30, 2006

Item	Amount of liability gain (loss) (\$ in millions)	Percentage of present value of all benefits
Gain due to compensation increases	\$21M	0.30%
Gain due to decrements	2M	0.03%
Loss due to rehired and new members	(11M)	(0.15%)
Miscellaneous gain	<u>14M</u>	0.20%
Total system gain	\$26M	0.38%

#### Actuarial Assumptions

Significant actuarial assumptions used include: a) a rate of return on the present and future assets of 7.75 percent a year compounded annually plus prefunding of improvement factor; b) projected Social Security cost-of-living increases of 4.0 percent and wage base increases of 5.5 percent per year compounded annually; c) post-retirement benefit increases of 3.1 percent per year compounded annually; d) active participant experience including projected salary increases that average 5.5 percent per year compounded annually; e) 80 percent of active members and 75 percent of retired and terminated members are assumed to be married; f) the male spouse is assumed to be three years older than the female spouse; g) mortality rates for active and non-disabled pensioners are based upon the 1995 Buck Mortality Table; and h) at termination of employment, members will elect the more valuable of the accumulated contributions or the deferred vested benefit payable at retirement.

A detailed experience analysis was conducted in 2003 and 2004, and appropriate modifications in the demographic assumptions regarding assumed rates of member termination, retirement and disability were made effective with the June 30, 2004, actuarial valuation.

Also as a result of the experience analysis in 2003 and 2004, and further study and debate of the SDRS Board of Trustees, changes were made to the economic actuarial assumptions effective for the June 30, 2005 actuarial valuation. These changes increased the unfunded actuarial accrued liability by slightly more than \$75 million and created a liability loss of \$98 million to the system based on the present value of all benefits.

Effective with the year ended June 30, 1995, the actuarial costs defined under the entry age normal method were modified to freeze unfunded liabilities and recognize plan gains and losses directly in the normal cost by amortizing them over the assumed future payroll of the membership. The calculation of the actuarial value of assets was also modified at that time.

The actuarial value of assets is credited each year with the assumed rate of investment return plus non-investment cash flow and reduced by liability gains and increased by liability losses for the year.



The reserve for funding of long-term benefit goals was first implemented as of the year ended June 30, 1995, to fund benefit improvements and provide the system with protection against adverse experience. When implemented, actuarial investment gains (returns above the assumed investment return assumption) and actuarial investment losses (returns below the assumed investment return assumption) were recognized at the rate of 20 percent per year over a five-year period. Effective June 30, 1998, liability gains and losses were reflected in the same manner as investment gains and losses. The reserve was modified again as of June 30, 2001, to immediately recognize actuarial investment losses while still spreading the recognition of actuarial investment gains over five-year periods.

The reserve for funding of long-term benefit goals (if positive), was included in the actuarial value of assets, the actuarial accrued liability and the present value of all benefits from June 30, 1995 through June 30, 2003. Effective June 30, 2004, the reserve was no longer added to the actuarial assets or liabilities. This change was made to more accurately reflect the funded status of the system.

There were no changes in economic or demographic actuarial assumptions since the June 30, 2005 actuarial valuation. However, a change in actuarial valuation software resulted in a reduction in the normal cost rate of the system.

The cushion is the excess of the market value of assets over the actuarial value of assets. The cushion represents funds not currently required to maintain the actuarial soundness of SDRS, and available to protect the system against future unfavorable experience.

Summary of Actuarial Assumption Changes

#### Cushion

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## Reserve for Funding of Long-term Benefit Goals

SDRS gains and losses are allocated to the reserve for funding of long-term benefit goals. The amounts currently in the reserve and remaining to be allocated in the next four years are an important indicator of the system's recent cumulative experience. The reserve for funding of long-term benefit goals is also a source of funds to provide future benefit improvements or to protect the system against future unfavorable experience.

The reserve for funding of long-term benefit goals as of June 30, 2006 increased as follows:

Reserve for funding of long-term benefit goals as of June 30, 2005	\$228,177,540
Fiscal year 2006 experience	79,431,810
Amortization of prior gains	145,789,249
Less present value of all benefits for improvements enacted into law funded from reserve	0
Reserve for funding of long-term benefit goals as of June 30, 2006	\$453,398,599

## Actuarial Assumption Tables

#### **Sample Separation Rates**

Annual Rate per 100 Members					
<b>A a a</b>	Mor Male	Disab Male	lement Female		
Age	Wale	Female	mortality	Ividle	remale
25	0.07	0.02	0.68	0.08	0.10
30	0.06	0.02	1.06	0.08	0.11
35	0.07	0.04	1.14	0.10	0.12
40	0.10	0.06	1.35	0.12	0.15
45	0.14	0.09	2.00	0.16	0.22
50	0.22	0.14	3.16	0.24	0.23
55	0.35	0.21	3.78	0.40	0.38
60	0.64	0.32	4.25	0.84	0.80
65	1.24	0.66	5.12	1.71	1.55

#### Annual Turnover Rate per 100 Members

Age	Teachers	Judicial, municipal and general members	Class B Public Safety members
25	18.20	22.40	16.80
30	13.70	16.40	13.20
35	8.60	12.60	9.60
40	6.78	9.50	7.00
45	5.13	7.70	4.80
50	3.98	6.00	7.25
55	2.30	3.06	2.04



#### **Retirement Age** Class B Public Safety

#### Retirement Age Class A and B Judicial

Age	Annual rate per 100 members eligibl to retire	e Age	Annual rate per 100 members eligible to retire
<50	0	55	8
50	10	56	8
51	8	57	8
52	8	58	8
53	8	59	8
54	10	60	10
55	15	61	10
56	20	62	20
57	25	63	25
58	30	64	25
59	35	65	50
60	40	66	50
61	45	67	50
62	100	68	50
		69	50
		70	100

#### **Compensation Progression Sample Rates**

Age	Ratio of compensation at age 65 to salary at current age	Percentage increase in year following indicated age
25	8.39	8.13%
30	5.76	6.83
35	4.15	6.63
40	3.07	5.63
45	2.37	4.84
50	1.89	4.51
55	1.52	4.37
60	1.23	4.25
64	1.04	4.15

There were no benefit improvements or substantive benefit provision changes during the 2006 fiscal year. The June 30, 2006 actuarial valuation directly reflects the provisions of the system as stated in the Plan Summary section of this report.

## **Benefit Changes**

## Summary of Key Actuarial Measures

	2005 actuarial valuation results	System investment and liability experience for year <sup>1</sup>	Membership changes and maturity of system <sup>2</sup>	Benefit changes effective July 1, 2006	2006 actuarial valuation results
Normal cost rate with expense provision	11.843%	(0.452%)	(0.038%)	_	11.429%
Funding period	20 years	_	_	_	20 Years
Unfunded actuarial accrued liability	\$191M	_	_	_	\$191M
Actuarial accrued liability funded ratio	96.6%	_	0.1%		96.7%

<sup>1</sup> SDRS actuarial investment gains and liability gains and losses are smoothed and allocated directly to the reserve for funding of long-term benefit goals over five years. All SDRS actuarial investment losses are allocated immediately to the reserve. Change in actuarial valuation software resulted in a reduction in the normal cost rate.

<sup>2</sup> Future SDRS membership changes will cause minor changes in the normal cost rate even with smoothing of asset and liability gains and losses. The actuarial accrued liability funded ratio will gradually increase as the frozen unfunded actuarial accrued liability becomes a smaller percentage of the total SDRS liabilities.



## ACTUARIAL VALUATION

This section analyzes the ability of member and employer contributions to fund the obligations of the system. These obligations include both past and future liabilities.

In order for the system to be actuarially sound, the combined employer/ member contribution rate must be adequate to pay the normal cost<sup>1</sup> of the system, system expenses, amortize the unfunded actuarial accrued liability<sup>2</sup> over a limited time, and pay interest on that liability.

SDRS' funding requirements for 2006, expressed as a percentage of payroll and total contributions, are based on the 2006 actuarial valuation and are summarized in the chart below.

Matching statutorily required employer/member	As a percentage of payroll	As a percentage of contributions
contribution rate	12.480% <sup>3</sup>	100.0%
Entry age normal contribution rate at mid-period	11.154%	89.4%
Expense allowance	.275%	2.2%
Total funding requirement before amortization of frozen unfunded actuarial accrued liability	11.429%	91.6%
Contribution rate available to amortize frozen unfunded actuarial accrued liability as a level percent of member compensation	1.051%⁴	8.4%

The 2006 actuarial valuation indicates a contribution of 1.051 percent of payroll allocated to the unfunded actuarial accrued liability is sufficient to pay interest and amortize the principal over 20 years.

Given the current system benefits and the present actuarial assumptions and methods, a small percentage of the contributions is allocated to payment of principal and interest.

<sup>&</sup>lt;sup>4</sup> Will amortize frozen unfunded actuarial accrued liability over 20 years from 2006.



South Dakota Retirement System

#### **SDRS 2006 Funding Requirements**

<sup>&</sup>lt;sup>1</sup> Normal cost is the total contribution rate which would fund all system benefits if that rate continues in the future.

<sup>&</sup>lt;sup>2</sup> The frozen unfunded actuarial accrued liability is the difference between the assets which would have accumulated if the normal cost had always been contributed to the system and the present assets of the system, and is frozen with respect to experience gains and losses. It is reduced by the excess of member and employer contributions over interest on the unfunded actuarial accrued liability, expenses, and normal cost.

<sup>&</sup>lt;sup>3</sup> Class A employers and members each statutorily contribute 6 percent of compensation. Class B employers and members each statutorily contribute 8 percent or 9 percent of compensation. Participating members also contribute for the optional spouse coverage and Class A employers contribute 6.2 percent of members' compensation in excess of the Social Security maximum taxable compensation. The total statutory contributions to SDRS as of July 1, 2006 are 12.480 percent of compensation.



The 2006 actuarial valuation confirms that:

- a. Funding of current benefit levels for active members and expenses requires 92 percent of the total contributions under the current actuarial assumptions and methods.
- b. The unfunded actuarial accrued liability is only 3 percent of the present value of all benefits of the system.
- c. Excess investment income has been the most significant element of favorable experience in the past, even considering the actuarial investment losses in fiscal years 2001 through 2003.
- d. SDRS currently has a cushion of \$1,176 million and a balance of \$453 million in the reserve for funding of long-term benefit goals.

The actuarial valuation methodology results in the elimination of volatility in the actuarial measures because:

- a. The expected investment return of 7.75 percent of the actuarial value of assets and liability gains and losses are allocated to the actuarial value of assets.
- b. Twenty percent of actuarial investment gains and liability gains and losses each year are allocated to the reserve for funding of long-term benefit goals for five years. All actuarial investment losses are allocated immediately to the reserve. In periods of sustained gains, the reserve will accumulate sufficient assets for pre-funding benefit improvements. In the event of sustained losses, the reserve will be available to offset negative experience and dampen the volatility of short-term negative experience.

The 2006 actuarial valuation indicates that the employer-member contribution rates are adequate to pay the current costs of the system (normal cost plus expenses) and amortize the unfunded actuarial accrued liability over 20 years. The SDRS funding period will remain at 20 years in accordance with the board of trustees funding policy.

The conclusions reached under the determinations made in the actuarial valuation are the most important indicators of the long-term actuarial soundness of the system. The soundness is measured by the relationship of the normal cost to the total contributions available, by the length of the funding period — a shorter period being more favorable, by the cushion, the current balance in the reserve for long-term benefit goals and the net amount remaining to be allocated in the future.

The current SDRS benefits combined with the present financing and the relatively small amount of frozen unfunded actuarial accrued liability result in a very well funded system that is providing benefits essentially equal to the resources available.

## Actuarial Soundness



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SDRS is a consolidated, multiple-employer, cost-sharing retirement system that does not attempt to determine separate or unique funding requirements for entities within SDRS. However, the 2006 actuarial valuation confirmed that the two major employee groups within SDRS with different funding and benefit provisions (Class A and Class B) are self-supporting (i.e., the member and employer contributions are funding the benefits provided under these classifications).

The combination of actuarial assumptions and methods used in the actuarial valuation, the actual experience of the system, and the actuarial measures utilized all indicate a continuing sound system.

Actuarial value of assets

#### Development of the SDRS Actuarial Value of Assets

As of June 30, 2006

Actuarial value of assets as of June 30, 2006	\$5,668,535,060
Constraining values 80% of market value of assets 120% of market value of assets	\$5,475,703,707 \$8,213,555,561
Market value of assets as of June 30, 2006	\$6,844,629,634
Preliminary actuarial value of assets as of June 30, 2006	\$5,668,535,060
Present value of all benefits for improvements enacted into law as of June 30, 2006, and funded from reserve	0
Projected actuarial value of assets as of June 30, 2006	\$5,668,535,060
SDRS liability loss	\$ 26,344,985
Expected investment return	\$ 413,179,617
Total	\$ (99,298,929)
Contributions and disbursements Contributions Benefit payments and refunds Administrative expenses	163,294,065 (259,895,423) (2,697,571)
Actuarial value of assets as of June 30, 2005	\$ 5,380,999,357





The benefit objectives of SDRS are to meet the needs of short- and long-term members by providing:

- Lifetime income replacement of 70 percent to 85 percent of final pay for career employees (including Social Security)
- Inflation protection before and after retirement
- Early retirement opportunities
- Vesting after three years of contributory service
- Disability and survivor income protection
- A portable retirement option that allows members to elect a refund of both member and employer contributions, plus interest
- Risk-free market interest rate credited on member and employer contributions

The funded ratio and funding period are the primary measures of SDRS' soundness.

The SDRS objective is to maintain a funding ratio in excess of 95 percent and a funding period of 30 years or less.

The schedule below presents the actuarial accrued liability funded ratio and the funding period as of each actuarial valuation since 1986.

Valuation date	Actuarial accrued liability	Actuarial value of assets	Actuarial accrued liability funded ratio	Funding period
1986	\$ 875,821,002	\$ 742,055,584	84.7%	37 years
1988	1,078,235,569	1,050,836,113	97.5	6 years
1990	1,404,616,511	1,275,091,534	90.8	46 years
1992	1,714,482,245	1,605,481,514	93.6	16 years
1994	2,108,309,129	1,945,856,251	92.3	38 years
1996	2,539,008,893	2,390,236,436	94.1	30 years
1997	2,956,497,152	2,813,304,611	95.2	23 years
1998	3,471,898,003	3,337,293,439	96.1	22 years
1999	3,997,927,795	3,875,171,467	96.9	21 years
2000	4,611,913,087	4,427,102,390	96.0	20 years
2001	4,688,408,562	4,521,403,578	96.4	20 years
2002	4,576,948,810	4,425,392,396	96.7	20 years
2003	4,818,943,695	4,685,890,770	97.2	20 years
2004	5,051,728,157	4,937,493,861	97.7	20 years
2005	5,571,842,384	5,380,999,357	96.6	20 years
2006	5,859,994,198	5,668,535,060	96.7	20 years

#### Benefit and Funding Objectives and Historical Summary



## Summary of Actuarial Accrued Liability and Unfunded Actuarial Accrued Liability

The schedule below compares total actuarial accrued liabilities to smoothed assets at actuarial value and unfunded actuarial accrued liabilities to payroll over time.

The smoothed assets to total liabilities ratios show the growth of assets compared to the growth of liabilities. The unfunded liabilities to covered payroll ratios are a measure of the ability of SDRS to meet its long-term obligations.

Level or increasing values for the first ratio and level or declining values for the second ratio are an indication of stable or improving funding.

Fiscal year	Actuarial accrued liability	Actuarial value of assets	Actuarial assets as a % of accrued actuarial liability	Unfunded actuarial accrued liability	Total covered payroll (000,000)	Unfunded liability as a % of payroll
1985 – 86	\$ 875,821,002	\$ 742,055,584	84.7%	\$133,765,418	\$481.5	27.8%
1987 – 88	1,078,235,569	1,050,836,113	97.5	27,399,456	530.0	5.2
1989 – 90	1,404,616,511	1,275,091,534	90.8	129,524,977	582.7	22.2
1991 – 92	1,714,482,245	1,605,481,514	93.6	109,000,731	694.3	15.7
1993 – 94	2,108,309,129	1,945,856,251	92.3	162,452,878	788.6	20.6
1995 – 96	2,539,008,893	2,390,236,436	94.1	148,772,457	820.1	18.1
1997	2,956,497,152	2,813,304,611	95.2	143,192,541	835.1	17.1
1998	3,471,898,003	3,337,293,439	96.1	134,604,564	875.9	15.4
1999	3,997,927,795	3,875,171,467	96.9	122,756,328	902.5	13.6
2000	4,611,913,087	4,427,102,390	96.0	184,810,697	944.6	19.6
2001	4,688,408,562	4,521,403,578	96.4	167,004,984	1,029.7	16.2
2002	4,576,948,810	4,425,392,396	96.7	151,556,414	1,080.1	14.0
2003	4,818,943,695	4,685,890,770	97.2	133,052,925	1,117.2	11.9
2004	5,051,728,157	4,937,493,861	97.7	114,234,296	1,164.0	9.8
2005	5,571,842,384	5,380,999,357	96.6	190,843,027	1,206.1	15.8
2006	5,859,994,198	5,668,535,060	96.7	191,459,138	1,229.9	15.6





The solvency test is a comparison of the adequacy of SDRS smoothed assets to the AAL for: 1) active member contributions: 2) benefits for present benefit recipients; and 3) employer-financed active member benefits.

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## **Solvency Test**

	Act	uarial accrued liability	for						
Fiscal year	(1) Member contributions	(2) Current retirees and beneficiaries and terminated employees	(3) Current employees: employer financed	Actuarial value of assets	liabi	of actuarial ity covered value of a (2)	d by		
1985 – 86	\$189,168,241	\$ 278,555,327	\$408,097,434	\$ 742,055,584	100.0%	100.0%	67.2%		
1987 – 88	231,163,590	397,780,471	449,291,508	1,050,836,113	100.0	100.0	93.9		
1989 – 90	283,584,495	524,168,024	596,863,992	1,275,091,534	100.0	100.0	78.3		
1991 – 92	350,130,362	685,091,034	679,260,849	1,605,481,514	100.0	100.0	84.0		
1993 – 94	421,403,799	834,896,391	852,008,939	1,945,856,251	100.0	100.0	80.9		
1995 – 96	484,228,278	1,017,938,827	1,036,841,788	2,390,236,436	100.0	100.0	85.7		
1997	517,164,580	1,158,342,002	1,280,990,570	2,813,304,611	100.0	100.0	88.8		
1998	553,386,759	1,375,461,393	1,543,049,851	3,337,293,439	100.0	100.0	91.3		
1999	560,276,444	1,595,941,304	1,841,710,047	3,875,171,467	100.0	100.0	93.3		
2000	618,625,484	1,889,571,734	2,103,715,869	4,427,102,390	100.0	100.0	91.2		
2001	624,310,539	2,045,346,869	2,018,751,154	4,521,403,578	100.0	100.0	91.7		
2002	691,820,949	2,236,330,911	1,648,796,950	4,425,392,396	100.0	100.0	90.8		
2003	741,729,358	2,435,411,371	1,641,802,966	4,685,890,770	100.0	100.0	91.9		
2004	807,055,387	2,637,073,090	1,607,599,680	4,937,493,861	100.0	100.0	92.9		
2005	831,968,303	2,987,636,584	1,752,237,497	5,380,999,357	100.0	100.0	89.1		
2006	854,928,129	3,174,042,596	1,831,023,473	5,668,535,060	100.0	100.0	89.5		

The schedule below presents information about the system's active membership used in the current and previous actuarial valuations.

## Schedule of Active Member Valuation Data

Valuation date	# of active members	Covered payroll (000,000)	Average annual pay	% Increase in average pay
1986	27,367	\$ 481.5	\$17,594	N/A
1987	27,906	500.2	17,924	1.9%
1988	28,411	530.0	18,655	4.1
1989	28,749	554.9	19,302	3.5
1990	29,378	582.7	19,835	2.8
1991	30,524	616.8	20,207	1.9
1992	31,717	694.3	21,890	8.3
1993	32,512	731.1	22,487	2.7
1994	33,301	788.6	23,681	5.3
1995	33,390	811.1	24,292	2.6
1996	32,624	820.1	25,139	3.5
1997	32,397	835.1	25,776	2.5
1998	32,903	875.9	26,620	3.3
1999	33,664	902.5	26,810	0.7
2000	34,180	944.6	27,637	3.1
2001	34,887	1,029.7	29,515	6.8
2002	35,130	1,080.1	30,745	4.2
2003	35,114	1,117.2	31,818	3.5
2004	35,408	1,164.0	32,875	3.3
2005	35,774	1,206.1	33,715	2.6
2006	36,074	1,229.9	34,094	1.1

<sup>1</sup>Indicates the percentage of liabilities in this category currently funded, after fully funding categories (1) and (2).

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## Schedule of Retirees and Beneficiaries Added to and Removed from Benefit Payroll

The schedule below identifies retirees and beneficiaries benefits considered in the current and previous actuarial valuations.

Valuation date	Beginning of year balance	Number added to payroll	Number removed from payroll	End of year balance	Annual pension benefit amount	Average annual benefit	% Increase in average benefit
1987 – 88 <sup>1</sup>				9,404	\$ 32,817,633	\$3,490	N/A
1989 – 90	9,404	1,546	648	10,302	44,891,914	4,358	24.9%
1991 – 92	10,302	1,897	975	11,224	56,770,199	5,058	16.1
1993 – 94	11,224	1,958	1,203	11,979	69,456,850	5,798	14.6
1995 – 96	11,979	2,618	1,579	13,018	85,445,388	6,564	13.2
1997	13,018	1,079	435	13,662	98,531,146	7,212	9.9
1998	13,662	864	460	14,066	111,082,677	7,897	9.5
1999	14,066	856	550	14,372	127,027,784	8,839	11.9
2000	14,372	1,069	513	14,928	147,900,089	9,908	12.1
2001	14,928	998	536	15,390	161,127,803	10,470	5.7
2002	15,390	1,051	548	15,893	175,339,813	11,033	5.4
2003	15,893	1,112	564	16,441	191,738,495	11,662	5.7
2004	16,441	1,207	619	17,029	211,424,721	12,416	6.5
2005	17,029	1,121	602	17,548	228,469,621	13,020	4.9
2006	17,548	1,130	602	18,076	245,707,324	13,593	4.4

<sup>&</sup>lt;sup>1</sup> Only biennial data available. Data prior to fiscal year 1988 not available.



South Dakota Retirement System

## SUMMARY OF BENEFIT PROVISION CHANGES

Active members	2005 actuarial valuation	2006 actuarial valuation	% change
Number	35,774	36,074	0.8
Average age	45.1	45.3	0.4
Average credited service	11.2	11.5	2.7
Annual compensation of members	\$1,206,131,510	\$1,229,909,679	2.0
Average annual compensation	\$33,715	\$34,094	1.1
Benefit recipients RETIRED MEMBERS			
Number <sup>1</sup>	14,551	15,040	3.4
Average age	72.0	72.1	0.1
Total annualized benefits	\$205,397,590	\$221,358,486	7.8
Average annualized benefits BENEFICIARIES	\$14,116	\$14,718	4.3
Number <sup>1</sup>	2,610	2,685	2.9
Total annualized benefits	\$19,034,034	\$20,434,928	7.4
Average annualized benefits DISABILITIES	\$7,293	\$7,611	4.4
Number	387	351	(9.3)
Total annualized benefits	\$4,037,997	\$3,913,910	(3.1)
Average annualized benefits	\$10,434	\$11,151	6.9
Total Benefit Recipients			
Number	17,548	18,076	3.0
Total annual benefits	\$228,469,621	\$245,707,324	7.5
Average annual benefits	\$13,020	\$13,593	4.4
Terminated members			
Number — vested	6,808	7,136	4.8%
Number — non-vested <sup>2</sup>	6,701	6,672	(0.4%)
Total terminated members	13,509	13,808	2.2%
Total system members	66,831	67,958	1.7%
Results of acturial valuation			
Normal cost (without expenses)	11.568%	11.154%	(3.6)%
(with expenses)	11.843%	11.429%	(3.5)%
Frozen unfunded actuarial accrued liability	\$190,843,027	\$191,459,138	0.3%
Market value of assets	\$6,159,934,879	\$6,844,629,634	11.1%
Actuarial value of assets	\$5,380,999,357	\$5,668,535,060	5.3%
Actuarial accrued liability (AAL)	\$5,571,842,384	\$5,859,994,198	5.2%
Actuarial accrued liability funded ra (actuarial value of assets/AAL) (market value of assets/AAL)	tio 96.6% 110.6%	96.7% 116.8%	0.1% 5.6%
Projected years to fund level funding requirements	20	20	NA

Comparison of Actuarial Valuation Results

There were no benefit improvements or substantive benefit provision changes made to SDRS during the 2006 South Dakota legislative session.

Summary of Benefit Provision Changes

<sup>1</sup> In addition, there are 128 and 67 members or beneficiaries, as of July 1, 2005 and July 1, 2006, respectively, whose benefits are currently suspended, but are entitled to future benefits.

<sup>2</sup> Entitled to accumulated contributions only.

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## **PLAN SUMMARY**

South Dakota Retirement System (SDRS)
SDRS was established effective July 1, 1974. The Supreme and Circuit Court Judicial Retirement System, District County Court and Municipal Court Judges' Retirement Program, South Dakota Teachers' Retirement System, South Dakota Municipal Retirement System, South Dakota Law Enforcement Retirement System, South Dakota Public Employees' Retirement System and South Dakota Board of Regents Retirement System (effective July 1, 1975) were consolidated into SDRS.
SDRS is a governmental retirement system created by Act of the State of South Dakota. The retirement system is administered by the board of trustees, consisting of two state government members; two teacher members; a participating municipality member; a participating county member; a currently contributing Class B member other than a justice, judge or magistrate judge; a justice, judge, or magistrate judge; a participating classified employee member; one head of a principal department or one head of a bureau under the office of executive management; an individual appointed by the governor; a county commissioner of a participating county; a school district board member; an elected municipal official of a participating municipality; a faculty or administrative member employed by the Board of Regents; a retiree; and an investment council representative, ex-officio non-voting. The board of trustees appoints an administrator as the system's chief executive officer.
Employers include the State of South Dakota and its departments, bureaus, boards, or commissions, and any of its governmental or political subdivisions or any public corporation of the State of South Dakota that elects to become a participating unit.
<ul> <li>All of the following permanent full-time employees are included as members in the system:</li> <li>All state employees</li> <li>All teachers</li> <li>All justices, judges, and magistrate judges</li> <li>All law enforcement employees of counties and municipalities that are participating with their Class B employees</li> <li>All general employees of counties and municipalities that are participating with their Class A employees</li> <li>All classified employees of school districts that are participating with their class of school districts that are participating with their class field employees</li> <li>All employees of the Board of Regents</li> <li>All state law enforcement officers</li> </ul>





Employees of the Department of Labor hired before July 1, 1980 who elected to remain covered under a former retirement plan, and members of the governing body of any participating county, municipality, or other public subdivision are excluded from SDRS membership.

Membership is immediate upon hire and is subdivided into two classes as follow:

- Class A member: all members other than Class B members.
- Class B member: members who are justices, judges and magistrate judges (*Class B Judicial members*) and state law enforcement officers, municipal police, municipal firefighters, penitentiary correctional staff, county sheriffs, deputy county sheriffs, conservation officers, parole agents, air rescue firefighters, campus security officers, court services officers, certain park rangers and certain jailers (*Class B Public Safety members*).

Class A members constitute 93 percent of SDRS membership.

Credited service is the period of employment for an SDRS member which is considered in determining the amount of benefits. It includes the following:

- Years and fractional years for which member contributions were made (contributory service).
- The period of non-contributory service credited prior to July 1, 1974 under the prior retirement systems consolidated under this system.
- For employees of the Board of Regents, the period of service between April 1, 1964 and June 30, 1975 for which purchase was made to Bankers Life and the period of service prior to April 1, 1964, up to a maximum of 20 years, for which purchase was made.
- Periods of non-contributory service credited due to specific legislation since 1974.

Credited service may be purchased for public employment for which members are not entitled to retirement benefits, at a cost reflecting an actuarially determined sliding scale based on age, subject to a minimum of 100 percent of combined member and employer contributions. Credited service purchased after July 1, 2004, shall not be considered contributory service for eligibility purposes.

Credited service is purchased with an after-tax payment unless the member's employer elects to permit purchase on a pre-tax basis under Section 414(h) of the Internal Revenue Code.

Compensation is W-2 wages, plus any amount used to purchase a member's individual retirement plan, plus a member's contribution to SDRS made on a before-tax basis, plus any amount contributed to a Section 125 cafeteria plan, paid during the period of credited service. Compensation does not include

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## **Service Considered**

## Compensation



## PLAN SUMMARY (CONTINUED)

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	lump sum termination pay. Compensation for members hired after June 30, 1996 is limited as prescribed in Section $401(a)(17)$ of the Internal Revenue Code.
Final Average Compensation	Final average compensation is the highest average annual compensation earned by a member during 12 consecutive calendar quarters of the last 40 such quarters during periods of credited service. The final average compensation is limited by statutory provisions that prevent extraordinary increases in compensation immediately before retirement.
Employer Contributions	Employer contributions equal those amounts contributed by members except for the additional contributions noted below.
Member Contributions	Class A members: 6 percent of compensation Class B Public Safety members: 8 percent of compensation Class B Judicial members: 9 percent of compensation
	Member contributions are made on a pre-tax basis as permitted under Section 414(h) of the Internal Revenue Code.
Accumulated Contributions	Accumulated contributions are equal to member and employer contributions (or 75 percent of employer contributions for members with less than three years of contributory service) credited with interest on a monthly basis at a rate annually established by the board of trustees, that is no greater than 90 percent of the average 91-day U.S. Treasury Bill rate for the immediately preceding calendar year. Such rate shall have no minimum limitation and shall not be greater than the assumed rate of investment return, which is currently 7.75 percent.
Additional Contributions	Effective July 1, 2002, employers contribute 6.2 percent of Class A member's calendar year compensation in excess of the maximum taxable amount for Social Security for the calendar year. These additional contributions are not included in accumulated contributions.
Other Public Benefits	Eighty percent of the benefits provided as "primary insurance amount <i>or</i> primary Social Security" under the Federal Social Security Act.
Cost-of-Living Adjustment (COLA)	The annual increase in the amount of the SDRS benefits payable on each July 1st is equal to a 3.1 percent increase compounded annually and prorated if the benefit has not been paid for at least 12 months.
	All benefits except those depending on the member's accumulated contributions are annually increased by the cost-of-living adjustment.
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The normal retirement date is age 65 with three years of contributory service for Class A and Class B Judicial members of the system. Normal retirement date is age 55 with three years of contributory service for Class B Public Safety members.

Members are entitled to retire with a benefit commencing the first of the month in which they reach normal retirement date and payable for life, with an automatic 60 percent surviving spouse's benefit paid for the spouse's lifetime.

#### **Class A Benefit**

The Class A benefit is the larger of that provided by the following standard formula or alternate formula:

#### Standard Formula

Enhanced Benefit 1.625 percent times final average compensation times years of credited service as a Class A member before July 1, 2002, plus

#### **Base Benefit**

1.55 percent times final average compensation times years of credited service as a Class A member after July 1, 2002.

#### OR

#### Alternate Formula

Enhanced Benefit 2.325 percent times final average compensation times years of credited service as a Class A member before July 1, 2002, plus

**Base Benefit** 2.25 percent times final average compensation times years of credited service as a Class A member after July 1, 2002 **less** 

80 percent of primary Social Security benefit.

#### **Class B Public Safety Benefit**

The Class B benefit for Class B Public Safety members is:

#### **Enhanced Benefit**

2.325 percent times final average compensation times years of credited service as a Class B Public Safety member before July 1, 2002, **plus** 

#### **Base Benefit**

2.0 percent times final average compensation times years of credited service as a Class B Public Safety member after July 1, 2002.

,

Date

Normal Retirement Benefit

Normal Retirement



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## **Class B Judicial Benefit**

The Class B benefit for Class B Judicial members is determined by adding the enhanced and base benefit for both the first 15 years of credited service and years of credited service in excess of 15, as follows:

#### First 15 years of Credited Service

#### **Enhanced Benefit**

3.658 percent times final average compensation times the first 15 years of credited service as a Class B Judicial member before July 1, 2002, **plus** 

#### **Base Benefit**

3.333 percent times final average compensation times all other such years of credited service as a Class B Judicial member after July 1, 2002.

#### PLUS

#### Years of Credited Service in Excess of 15

#### **Enhanced Benefit**

2.325 percent times final average compensation times years of credited service as a Class B Judicial member before July 1, 2002, in excess of 15 years, **plus** 

#### **Base Benefit**

2.0 percent times final average compensation times all other such years of credited service as a Class B Judicial member after July 1, 2002.

All of the above benefits are paid monthly.

SDRS benefits are limited to the maximum benefit under Section 415 of the Internal Revenue Code, except for the portion of benefits attributable to any after tax contributions made prior to July 1, 1984.

## Delayed Retirement Benefit

#### Special Early Retirement Date (Rule of 85, Rule of 80 and Rule of 75)

The monthly benefit payable upon retirement after normal retirement date is based on credited service and final average compensation to date of actual retirement.

The special early retirement date for Class A members is the date at which a member's age plus credited service total 85, but not less than age 55. The special early retirement date for Class B Judicial members is the date at which age plus credited service total 80, but not less than age 55. The special early retirement date for Class B Public Safety members is the date at which age plus credited service total 75, but not less than age 45.

Members are entitled to retire at special early retirement date with a benefit equal to the normal retirement benefit based on credited service and final average compensation to date of retirement, with no reduction for early payment.





Any member with at least three years of contributory service can retire in the ten years preceding normal retirement date. The member will be entitled to receive the normal retirement benefit based on credited service and final average compensation to date of retirement, reduced by 1/4 of 1 percent for each full month by which commencement of payments precedes the earlier of the normal retirement date or the special early retirement date. Benefits commence on the first of the month following retirement (or the date chosen for payment to commence) and 30 days after the application for retirement benefits has been received by SDRS.

A terminated member with at least three years of contributory service will be entitled to receive the normal or early retirement benefit payable at either normal or early retirement based on the member's credited service at the time of termination of employment and increased by the cost-of-living adjustment from the date of termination to the date benefits commence.

In lieu of any monthly lifetime retirement benefits under the system, a terminating member may receive a lump sum of his accumulated contributions under the portable retirement option. Members who are rehired may redeposit their accumulated contributions plus interest within two years of rehire to reinstate their credited service.

A contributing member, who becomes disabled with at least three years of contributory service, or was disabled by accidental means while performing the usual duties of his job, is entitled to an immediate monthly disability benefit.

The disability benefit is equal to:

- For the first 36 months, 50 percent of the member's final average compensation, increased 10 percent for each eligible child to a maximum of four children. The maximum benefit payable is 100 percent of such compensation (increased by the cost-of-living adjustment) reduced by earned income.
- Starting with the 37<sup>th</sup> month,
  - if the member is receiving disability benefits from Social Security, the greater of:
    - 50 percent of final average compensation plus 10 percent for each eligible child to a maximum of 90 percent less the amount of primary Social Security.
    - 20 percent of final average compensation increased by the COLA
    - the unreduced accrued retirement benefit

### Early Retirement Benefit

## Vested Benefit and Portable Retirement Option

## **Disability Benefit**



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- if the member is not receiving disability benefits from Social Security, the greater of:

- 20 percent of final average compensation increased by the COLA
- the unreduced accrued retirement benefit

The maximum benefit is 100 percent of final average compensation (increased by the cost-of-living adjustment) reduced by earned income and primary Social Security.

The above benefits are payable monthly.

At age 65 (or when there are no eligible children, if later), but not before five years of disability, the benefit payable is converted to the normal retirement benefit based on compensation increased by the cost-of-living adjustment for the period between the date of disability and normal retirement date (projected compensation), and credited service as if employment had continued uninterrupted to normal retirement date (projected credited service).

#### Survivor Benefits Pre-Normal Retirement Age and Post-Disability Deaths

If an active member with at least one year of contributory service, or a member receiving a disability benefit commencing after July 1, 1974, dies, the surviving spouse having the care of eligible dependent children will receive an immediate benefit equal to 40 percent of the member's final average compensation, increased 10 percent for each child to a maximum of six children. If the surviving eligible dependent children are under the care of a guardian, the benefit payable will be 20 percent of the member's final average compensation for each child (to a maximum of five children).

The above survivor benefits are all payable monthly without improvements and reduced by 75 percent of primary Social Security benefit.

If no benefit is payable as defined above or payment has ceased, and the member's accumulated contributions have not been withdrawn, the spouse is entitled to receive at the spouses's age 65 a benefit equal to 60 percent of the normal retirement benefit that would have been payable to the deceased member at normal retirement date based on projected credited service and projected compensation, and further increased by the cost-of-living adjustment for any time between normal retirement date and payment commencement date.

#### Post-Normal Retirement Age and Post-Retirement Deaths

Upon the death of a retiree or any member at or beyond normal retirement age, the surviving spouse is entitled to receive 60 percent of the monthly retirement benefit the member was receiving or was eligible to receive.





### **Terminated Member**

If a terminated member dies prior to benefit commencement, the accumulated contributions are refunded to the designated beneficiary, children or estate in a lump sum.

## **Optional Spouse Coverage**

A member may elect to provide an additional benefit payable to the surviving spouse within 365 days after becoming a member, within 90 days following attainment of age 35, or within 90 days after the first anniversary of marriage. This optional coverage may continue until the member's spouse attains age 65, the death or disability of the member, the death of the member's spouse, termination of the member's marriage to his spouse, or the member's termination of employment. The elected additional monthly benefit is equal to 40 percent of the member's final average compensation multiplied by the cost-of-living adjustment for each full year between the date of death or disability of the member to payment commencement. Such benefit is paid upon the member's death from the time there are no eligible dependent children until the spouse dies or attains age 65. The cost of this protection is paid by the member through an additional contribution of 1.2 percent of compensation, which will not be matched by the employer and is not refundable.

## Accumulated Contributions as Minimum Benefits

If the aggregate benefit payments received by a member and the member's beneficiary (excluding benefits received under the optional spouse coverage benefit provisions) do not equal the sum of the accumulated contributions then the difference will be paid to the member's designated beneficiary, children or estate in a lump sum.

The monthly retirement benefits may be modified to an optional form of payment which is the actuarial equivalent of the benefit due under the system. A Social Security level income payment option is available for members who retire before age 62.

Administrative expenses are paid from the system's assets in an amount not to exceed 3 percent of the annual member and employer contributions received by the system.

Retired members' and terminated vested members' benefits have been increased to reflect the benefit formula currently in effect for active members.

#### This plan summary is effective July 1, 2006.

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## Optional Forms of Retirement Payments

## Administrative Expenses

## **Retired Members**





# INVESTMENT SUMMARY

## **Investment Analysis**

The Investment Council Investment Objectives and Policy Prudent Man Standard Performance Real Rates of Return Investment Managers Schedule of Investment Management Expenses and Commissions Summary of Investment Portfolios Equity Profile Bond Profile Distribution Profile Time-Weighted Rates of Return Time-Weighted Annualized Rates of Return Asset Allocation The SDRS trust fund is invested under the direction of the South Dakota Investment Council. The council is composed of five members at large with financial backgrounds, the state treasurer, the school and public lands commissioner and an appointee from SDRS. The council is a policy making board and attends to matters such as asset allocation, portfolio strategy and the selection or dismissal of outside investment managers.

The data in the investment section of this report were prepared by the South Dakota Investment Council. The South Dakota Retirement System in conjunction with the South Dakota Investment Council and external auditors, KPMG LLP, prepared the investment section of this report.

The South Dakota Investment Council has five objectives for managing the assets of the South Dakota Retirement System. The goal is to assure the continued financial health of SDRS.

Meeting the first two objectives as follows will assure that this goal is met:

- Achieve the actuarial required rate of return over the long-term
- Achieve a return in excess of the actuarial rate of return over the long-term

By meeting or exceeding the first objective, SDRS will be able to pay current and projected benefits. By meeting or exceeding the second objective over the long term, SDRS will be able to improve benefits and ultimately reach the system's long-term goals for benefit levels.

The remaining three objectives attempt to measure performance on a relative basis. The final three objectives are important in judging the investment council's delivery of competitive returns as compared to established benchmarks and to large pension plans making up a peer universe.

• Achieve favorable total fund performance relative to a capital market benchmark reflective of the investment council's normal asset allocation policy

The third objective is important in judging the investment council's delivery of a competitive rate of return. This objective means that the performance of all actively managed assets are to be measured against the indexed returns that would be earned if the assets were invested in the investment council's selected capital market benchmarks.

### The Investment Council

## Investment Objectives and Policy





• Achieve favorable specific asset category performance relative to the identified capital market benchmark

The investment council strives to outperform the passive opportunity that exists in each of the asset categories in which SDRS assets are involved.

• Achieve favorable performance over the long term relative to professionally managed multi-billion dollar pension funds

The last objective evaluates the investment council performance relative to other large professionally managed plans.

The key investment policy decision made by the investment council is asset allocation. The policy reflects their best judgement of the risk versus return trade-off that all investors must make. The investment council makes this judgement based on an assessment of long-term future expected rates of return and in part on historical returns of stocks, bonds, cash and other capital market areas. Certain behavioral characteristics of these asset categories, such as standard deviation (measure of risk) and correlation (the degree that asset prices tend to move in the same or different direction) play an important role in making the asset allocation decision.

## Prudent Man Standard

State law requires that the South Dakota Retirement System trust fund be invested according to the prudent man standard. South Dakota Codified Law defines the prudent man standard as follows:

Any investment under the provisions of SD Codified Law Sections 4-5-12 to 4-5-39, inclusive, shall be made with the exercise of the degree of judgement and care, under circumstances then prevailing, which persons of prudence, discretion, and intelligence exercised in the management of their own affairs, not for speculation but for investment, considering the probable safety of their capital as well as the probable income to be derived.

Though monthly benefit payments exceed monthly contributions, the South Dakota Retirement System is not subject to sudden, substantial and unexpected withdrawals. As a result, it is not necessary to have a high percentage of assets in short-term investments unless this is deemed to be the best investment strategy. This allows the trust fund to be as fully invested in stocks, bonds and other alternatives as investment strategy dictates.



The total fund return for FY 2006 was 13.11 percent. The investment council's benchmark return for FY 2006 was 10.74 percent. This capital market benchmark was 57 percent global equity, 24 percent fixed income, 7 percent arbitrage, 6 percent real estate, 4 percent private equity, 1 percent cash and 1 percent TIPS. The 10-year annualized return was 10.29 percent versus the benchmark return of 8.72 percent.

The internal equity fund earned 12.6 percent in FY 2006 versus a benchmark return of 14.7 percent. The 10-year return for the internal equity fund was 9.7 percent versus a benchmark return of 8.7 percent.

SDRS' bond fund returned (0.2) percent in FY 2006 versus a benchmark return of 0.2 percent. The 10-year return for the internal bond fund was 6.9 percent versus a benchmark return of 6.7 percent.

Returns earned by other portfolios and outside managers in FY 2006 (included in total fund returns) were: 11.7 percent merger arbitrage; 5.5 percent convertible arbitrage; 42.6 percent emerging markets; 28.8 percent DFA; 50.2 percent Nicholas Applegate; 13.6 percent MWPost. Blackstone, Cypress, Apollo, AIG, Capital International Emerging Markets Private Equity, Doughty Hanson, KKR, Crossroads, Silver Lake and DLJ Merchant Bankers do not have time-weighted rates of return because of the nature of their investments.

The liabilities of SDRS are directly related to inflation. The difference between inflation and SDRS' total return over time is a key indicator of the financial strength of the system.

During FY 2006 inflation averaged 4.3 percent while SDRS' total return was 13.11 percent. Over the last 10 years, inflation has averaged 2.6 percent and total returns 10.3 percent, creating a real return of 7.7 percent.

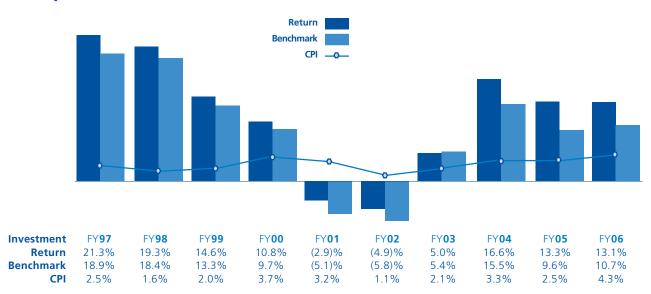
#### Performance

#### Real Rates of Return



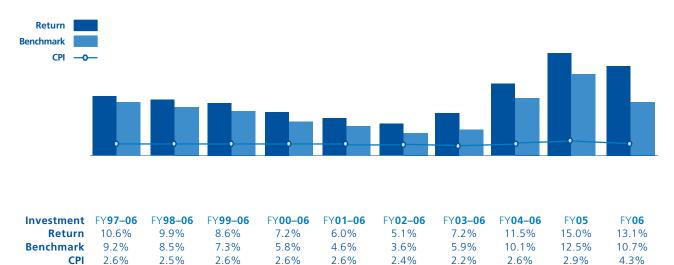
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## INVESTMENT SUMMARY (CONTINUED)



#### **Investment Performance Compared** to Capital Market Benchmark and Inflation

#### **Cumulative Investment Performance Compared** to Capital Market Benchmark and Inflation





CPI

South Dakota Retirement System

2.4%

2.6%

2.9%



As of June 30, 2006, the South Dakota Investment Office managed 84 percent of SDRS' investments. The remaining 16 percent was invested by outside managers selected and monitored by the South Dakota Investment Council. The following are the outside managers that were selected by the investment council: Capital International (\$100.4 million), Nicholas Applegate (\$48.5 million), and Dimensional Fund Advisors (\$48.1 million) invest in international equities. Blackstone (\$261.7 million), Doughty Hanson (\$25.0 million), Apollo (\$50.2 million) and Cargill North American (\$100.4 million) invest in distressed real estate. DLJ Merchant Bankers (\$4.8 million), Capital International (\$9.5 million), AIG (\$12.7 million), KKR (\$50.9 million), Crossroads (\$31.5 million), Silver Lake (\$68.5 million), Cypress (\$50.4 million), Blackstone (\$42.2 million) and Doughty Hanson (\$39.9 million), Elevation Partners (\$7.2 million), Carlyle (\$10.1 million) and CVC (\$13.1 million) invest in private equity.

#### Schedule of Investment Management Expenses

	Management
Investment managers	expense
South Dakota Investment Council	\$ 3,363,582
Alliance Bernstein Global Strategy	233,847
Brandes Global MidCap	322,996
Research Affliates	566,872
Dimensional Fund Advisors, Inc.	251,485
Blackstone Real Estate Partners	(2,228,710)
Blackstone Private Equity	1,084,292
Elevation Partners	1,097,687
CVC	695,596
Carlyle IV	224,921
Apollo	1,382,315
Cargill	1,767,518
Nicholas Applegate	588,993
DLJ Merchant Bankers	38,475
KKR	375,563
Crossroads	608,821
Silver Lake	1,006,838
Doughty Hanson	1,456,164
Doughty Hanson Private Equity IV	517,571
MW Post Advisors Partners L.P.	1,182,267
Cypress Merchant Banking	183,670
Total investment manager expenses	<u>\$14,720,762</u>

## Schedule of Investment Management Expenses and Commissions

Investment

**Managers** 

For the Year Ended June 30, 2006

#### Summary of Broker Commissions<sup>1</sup>

Investment type	Commissions
Fixed income	\$ 803,686
Global equity	4,091,708

<sup>&</sup>lt;sup>1</sup> For an itemized list of commissions by broker, contact SDRS.

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## Summary of Investment Portfolios

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s of June 30, 2006	Market	Future	Exposure	with futur overlay o
	value	positions	with futures	cash marke
Domestic fixed income				
Internal fixed income	\$1,056,619,107	\$ 0	\$1,128,417,172	16.5%
Post Advisory Group	\$71,798,065			
Global equity				
Internal global equity	\$ 3,703,435,520			
Dimensional Fund Advisors	48,083,495			
Capital Guardian	100,366,042			
Nicholas Applegate Securities	48,497,198			
Alliance Bernstein Global Strategic	25,445,343			
Brandes Non-US Mid Cap	32,921,579			
Research Affiliates	111,297,331			
Equity Futures		(185,131,650)		
Total global equity	\$4,070,046,508		\$3,884,914,858	56.9%
Arbitrage equity Internal merger arbitrage	\$ 223,132,444			
Internal convertible arbitrage	190,066,936			
Bernstein	12,080,692			
Bridgewater	48,267,999			
Total arbitrage equity	\$ 473,548,071		\$ 473,548,071	6.9%
Real estate				
Blackstone	\$ 261,740,162			
Apollo	50,190,425			
Doughty Hanson	25,014,127			
Cargill	100,350,096			
Total real estate	\$ 437,294,810		\$ 437,294,810	6.4%
and the second second				
Private equities Kohlberg Kravis Roberts	\$ 50,889,750			
Crossroads				
Silverlake Partners	31,532,573 68,466,473			
Cypress Capital International	50,376,451			
Capital International	9,477,472			
AIG	12,707,461			
DLJ Overseas Partners II	4,773,530			
Blackstone	42,169,610			
Doughty Hanson	39,965,926			
Carlyle	10,139,298			
CVC	13,067,527			
Elevation	7,155,506		¢ 040 704 577	E 00/
Total private equities	\$ 340,721,577		\$ 340,721,577	5.0%
Cash and cash equivalents	¢ 202 207 527	¢ 105 101 CEO	¢ ECO 220 107	0.20/
Internal shift	\$ <u>383,207,537</u>	\$ <u>185,131,650</u>	\$ <u>568,339,187</u>	<u>8.3%</u>
Total	\$ <u>6,833,235,675</u>	\$ <u>0</u>	\$ <u>6,833,235,675</u>	<u>100.0%</u>



South Dakota Retirement System



The South Dakota Retirement System trust fund's internal global equity portfolio characteristics for the past 10 years are presented below. The SDRS internal equity portfolio is compared to the 2/3 S&P Global 1200 Index plus 1/3 S&P 500 Index benchmark.

#### Internal Equity Profile

South Dakota										
Investment Office	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Price/earnings ratio	22.1	25.0	29.6	27.0	26.0	26.8	22.9	19.2	15.6	16.6
Dividend yield	1.6%	1.4%	1.4%	1.2%	1.4%	1.8%	1.9%	2.0%	2.3%	2.5%
Price/book value ratio	5.2	4.8	7.5	10.4	5.4	4.2	4.0	3.8	3.1	3.5
Benchmark										
Price/earnings ratio	21.7	25.9	33.6	30.3	25.6	26.2	23.5	21.5	20.8	19.2
Dividend yield	1.7%	1.4%	1.2%	1.1%	1.3%	1.6%	1.7%	1.7%	2.2%	2.2%
Price/book value ratio	5.0	5.7	8.4	11.2	5.7	4.5	4.2	4.1	4.0	3.6

#### GLOSSARY

Price/earnings ratio: Ratio derived from price divided by earnings.
 Dividend yield: Current dividends divided by current price expressed as a percentage.
 Price/book value ratio: Ratio derived from price divided by book value per share.
 Beta (market sensitivity): The historical relation between market movements and movements in the prices of securities in a current portfolio.

#### **Ten Largest Holdings**

#### **Distribution by Market Sector**

	ercent of portfolio
Citigroup, Inc.	3.4%
General Electric Co.	3.3
Pfizer, Inc.	2.8
Microsoft Corp.	2.6
Wal-Mart Stores, Inc.	2.3
Cisco Systems, Inc.	1.9
Nestle SA	1.9
American International Group, Inc.	1.9
JP Morgan Chase & Co.	1.7
Intel Corp.	1.5
Total	23.3%

Market sector	SDRS total equity	Bench
Consumer discretionary	12.9%	10.1%
Consumer staples	9.6	8.8
Energy	8.1	10.1
Financials	25.8	24.5
Health care	12.1	10.5
Industrials	7.3	10.7
Information technology	13.6	11.9
Materials	3.8	5.2
Telecommunications services	3.3	4.2
Utilities	2.0	4.0
Cash equivalents	<u> </u>	0.0
Total	100.0%	100.0%

Additional holdings are available in the annual report of the South Dakota Investment Council.

South Dakota Investment Council 4009 West 49th Street, Suite 300 Sioux Falls, South Dakota 57106-3784

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### **Bond Profile**

The South Dakota Retirement System trust fund's internally managed fixed income (bond) portfolio characteristics for the past 10 years are presented below. The Lehman Aggregate Bond Index is presented for comparative purposes. The cash equivalents percent represents the percentage of the total bond portfolio invested in cash equivalents.

South Dakota										
Investment Office	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Number of issues	55	56	62	60	67	76	77	83	74	86
Average coupon	6.87%	6.84%	6.32%	6.23%	6.68%	6.41%	5.87%	5.62%	5.20%	5.38%
Yield to maturity	7.36%	6.66%	7.09%	7.76%	7.01%	6.72%	4.73%	5.44%	4.70%	6.00%
Average maturity (years)	7.68	8.51	7.70	6.88	7.02	8.40	7.46	7.50	5.80	5.47
Duration (years) <sup>1</sup>	5.81	5.85	6.07	5.56	5.56	5.92	5.20	5.78	4.10	4.65
Average quality <sup>2</sup>	3.12	3.02	3.15	3.22	3.33	3.01	3.24	3.24	3.38	3.49
Cash equivalent %	0.40%	0.90%	2.20%	5.80%	0.50%	0.50%	4.70%	1.2%	13.8%	12.3%
Lehman Aggregate Bond Index										
Average coupon	7.20%	7.06%	6.74%	6.85%	6.75%	6.44%	6.00%	5.32%	5.24%	5.30%
Yield to maturity	6.83%	6.14%	6.58%	7.24%	6.10%	5.21%	3.60%	4.68%	4.51%	5.81%
Average maturity (years)	8.53	8.35	8.89	7.77	8.24	6.91	6.70	7.47	6.21	7.28
Duration (years) <sup>1</sup>	5.27	5.37	5.54	4.91	4.74	4.54	3.90	4.77	4.67	5.06

## **Distribution Profile**

The South Dakota Retirement System fixed income portfolio profile distribution is as follows:

#### **Distribution by Duration**

	Percent
0 to 2 years	14.9%
2 to 3 years	8.0
3 to 4 years	21.0
4 to 5 years	22.1
5 to 6 years	16.0
6 to 8 years	9.0
Above 8 years	9.0
Total	100.0%

#### **Distribution by Quality Rating**

	Percent
Cash/cash equivalents	12.3%
Aaa	54.1
Aa	8.4
А	4.8
Baa	4.8
Ba	14.0
В	1.6
Total	100.0%

#### **Distribution by Coupon**

	Percent
Cash/cash equivalents	12.3%
0.00% - 4.00%	6.5
4.01% - 5.00%	33.5
5.01% - 6.00%	27.6
6.01% - 8.00%	14.6
8.01% and over	<u> </u>
Total	100.0%

#### **Distribution by Issue**

	Percent
Cash/cash equivalents	12.3%
U.S. Treasuries/Agencies	22.0
Mortgage backed securities	31.2
Investment grade corporates	19.8
High yield corporates	14.7
Total	100.0%

1 The weighted average maturity of the stream of payments associated with a bond.

2 (Aaa = 4, Aa = 3, A = 2, Baa = 1)





Asset allocation is an investor's most important investment issue. The South Dakota Investment Council and Office spend a significant amount of time dealing with complicated issues relating to the risk of the portfolio versus likelihood of achieving the investment objectives for the South Dakota Retirement System.

The Investment Office prepares a risk return analysis for use by the Investment Council when establishing the Capital Markets Benchmark each year. The primary factors include the expected long-term return, the volatility for each asset category and the correlation (degree to which they move in the same direction) of the returns of each category to each of the others. This analysis indicates an expected long-term return of 7.7 percent. This excludes any value added or detracted relative to index returns resulting from managing the portfolio. The estimated annual standard deviation is 11.6 percent. The statistics suggest there is a 66 percent chance the return for any year would be between (3.9) percent and 19.4 percent. There would be a 95 percent chance that the return would be between (15.6) percent and 30.9 percent.

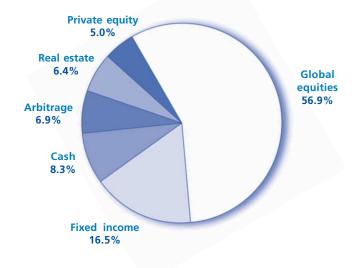
The second analysis deals with the amount of equity-like characteristics implicit in the overall portfolio. The analysis focuses on the risk to the portfolio of a decline in the U.S. equity market which is thought to be the single largest risk exposure. Most asset categories have at least some degree of sensitivity to a U.S. stock market decline. The analysis is performed for a moderate decline and again for a severe decline scenario.

SDRS' asset allocation and underlying asset performance have continued to generate an attractive risk versus return profile. Ongoing analysis dealing with both the risk and return potential inherent in the investment council's asset allocation is an important element of continuing successful asset management for SDRS.

## **Asset Allocation**

# Asset Allocation as of June 30, 2006

	6/30/04	6/30/05	6/30/06
Equities	42.0%	—	—
<b>Global equities</b>		60.5%	56.9%
Fixed income	22.0	20.6	16.5
Cash	1.1	0.2	8.3
Arbitrage	6.4	7.6	6.9
<b>Real estate</b>	4.5	6.8	6.4
Private equity	4.4	4.3	5.0
International	19.6		



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## **Time-Weighted Rates of Return**

SOUTH DAKOTA RETIREMENT SYSTEM	Fiscal 1997	Fiscal 1998	Fiscal 1999	Fiscal 2000	
TOTAL INVESTMENT FUND	21.3%	19.3%	14.6%	10.8%	
Cash equivalents	5.3	5.6	5.1	5.7	
Investment office bond fund	9.9	12.6	2.4	4.3	
Combined internal equity fund	31.7	25.6	19.5	10.9	
Arbitrage convertible fund	11.4	10.0	7.6	8.7	
Arbitrage merger fund	18.8	21.8	16.5	18.4	
INDICIES Bond index					
Fixed income benchmark	9.6	11.2	2.9	3.8	
COMBINED INTERNAL EQUITY BENCHMARK	28.6	25.6	18.3	11.0	
Russell/Mellon total bil \$ funds	20.4	18.4	11.5	11.1	
Capital market benchmark	18.9	18.4	13.3	9.7	
CONSUMER PRICE INDEX	2.5	1.6	2.0	3.7	

## **Time-Weighted Annualized Rates of Return**

SOUTH DAKOTA RETIREMENT SYSTEM	Fiscal 1997 – 2006	Fiscal 1998 – 2006	Fiscal 1999 – 2006	Fiscal 2000 – 2006	
TOTAL INVESTMENT FUND	10.3%	8.6%	7.2%	6.0%	
Cash equivalents	3.9%	3.7%	3.5%	3.2%	
Investment office bond fund	6.9%	6.5%	5.8%	6.3%	
Combined internal equity fund	9.7%	7.5%	5.4%	3.5%	
Arbitrage convertible fund	6.8%	6.3%	5.8%	5.6%	
Arbitrage merger fund	11.3%	10.4%	9.1%	8.1%	
INDICIES					
Bond index					
Fixed income benchmark	6.7%	6.4%	5.9%	6.3%	
COMBINED INTERNAL EQUITY BENCHMARK	8.7%	6.6%	4.5%	2.6%	
TOTAL FUND BENCHMARKS					
Russell/Mellon total bil \$ funds	8.6%	7.4%	6.1%	5.3%	
Capital market benchmark	8.7%	7.7%	6.4%	5.4%	
CONSUMER PRICE INDEX	2.6%	2.7%	2.8%	2.9%	



South Dakota Retirement System

Fiscal	Fiscal	Fiscal	Fiscal	Fiscal	Fiscal
2001	2002	2003	2004	2005	2006
(2.9)%	(4.9)%	5.0%	16.6%	13.3%	13.1%
6.0	2.5	1.4%	0.9%	2.1%	4.2%
10.0	5.9	14.4%	1.3%	9.1%	(0.2)%
(12.0)	(12.2)	(2.0%)	22.9%	9.9%	12.6%
6.5	3.8	13.1	1.0	0.9%	5.5%
6.2	2.1	8.5%	7.4%	3.0%	11.7%

11.2	7.0	13.4%	1.3%	7.9	0.2%
(17.1)	(15.0)	(0.8)	23.6	9.0	14.7%
()	(:::::)	(0.0)	2010	510	, , ,
(5.8)	(6.6)	3.1%	16.9%	14.8	10.7
(5.1)	(5.8)	5.4%	15.5%	9.6	10.7
3.2	1.1	2.1%	3.3%	2.5	4.3
5.2	1.1	2.170	5.570	2.5	4.5

Fiscal 2001 – 2006	Fiscal 2002 – 2006	Fiscal 2003 – 2006	Fiscal 2004 – 2006	Fiscal 2005 – 2006	Fiscal 2006
5.1%	8.3%	11.9%	14.3%	13.2%	13.1%
2.8%	2.2%	2.2%	2.4%	3.1%	4.2%
6.6%	6.0%	6.0%	3.3%	4.3%	(0.2)%
2.4%	5.5%	10.5%	15.0%	11.3%	12.6%
5.0%	4.8%	5.0%	2.4%	3.2%	5.5%
6.4%	6.5%	7.6%	7.3%	7.3%	11.7%

6.7%	5.8%	5.6%	3.1%	4.0%	0.2%
1.3%	5.4%	11.3%	15.6%	11.8%	14.7%
	01170		1010 / 0		, , .
4.4%	6.6%	10.1%	12.6%	10.5%	10.7%
4.7%	6.8%	10.3%	11.9%	10.2%	10.7%
2.8%	2.7%	3.1%	3.4%	3.4%	4.3%
2.070	2.770	5.170	5.470	5.470	4.370

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# STATISTICAL SUMMARY

## **Membership Profile**

Public Entities Participating in SDRS SDRS Benefits Paid Membership by Age Membership by County of Residence Membership by Group Benefit Recipients by Group Historical Views

**Membership Profile** 

All teachers, higher education personnel, and legislative, executive and judicial employees are required to participate in SDRS. Counties, municipalities and other public entities, however, have the option of participating, and school districts may choose whether or not to include their classified employees.

The following schedules list SDRS participating entities by group, the number of active members in each group and each group's percentage of the 36,074 total active members as of June 30, 2006.

Midland

Milbank

Montrose

Newell

Serv

Oelrichs

Parker

Pierre

Platte

Polo

Pollock

Coop

Redfield

Rosholt

Rutland

Scotland

Roslyn

Parkston

Miller

Aberdeen Agar-Blunt-Onida Alcester-Hudson Andes Central Arlington Armour Avon Baltic Belle Fourche Bennett County Beresford **Big Stone City** Bison Black Hills Special Serv Bonesteel-Fairfax **Bon Homme** Bowdle Brandon Valley Bridgewater Britton-Hecla **Brookings** Burke Canistota Canton Carthage Castlewood Centerville Chamberlain Chester Children's Hosp & Schools Clark Colman-Egan Colome Conde Cornbelt Coop Corsica

Custer Dakota Valley **Dell Rapids** DeSmet Deubrook Area Deuel Doland Douglas Dupree Eagle Butte East Central East Dakota Ed Edgemont Edmunds Central **Flk Mountain** Flk Point-Jefferson **Flkton** Emerv Estelline Ethan Eureka Faith Faulkton Flandreau Florence Freeman Frederick Area Garretson Gayville-Volin Geddes Gettysburg Grant-Deuel Gregory Groton Haakon Hamlin Hanson

Harding Harrisburg Harrold Henry Mitchell Herreid **Hill City** Hitchcock-Tulare Hot Springs Hoven Howard Hurley Huron Hyde County Ipswich Irene Iroquois Isabel Jones County Kadoka Kimball Lake Area Multi Lake Preston Lake Region Langford Lead-Deadwood Lemmon Lennox Leola Lyman Madison Central McCook Central **McIntosh** McLaughlin Marion Meade County Menno Mid-Central Multi

Service Coop

Military and Veterans Affairs

Revenue & Regulation

Social Services

Labor

Lotterv

Smee South Central South East Area South Shore Mobridge Spearfish Stanley County Mt. Vernon Stickney Summit New Underwood Tea North Central Coop Three Rivers Northeast Ed Timber Lake Todd County Northwest Area Tripp-Delmont Northwestern Tri-Valley Oahe Special Ed Vermillion Viborg Oldham-Ramona Wagner Wakonda Wall Warner Plankinton Watertown Waubay Waverly Webster Prairie Lakes Ed Wessington Springs Rapid City West Central White Lake White River Willow Lake Wilmot Sanborn Central Winner Wolsey-Selby Area Wessington Wood Shannon County Sioux Falls Woonsocket Sioux Valley Yankton

Sisseton Public Utilities Commission School and Public Lands Secretary of State State Auditor State Treasurer Legislative Audit Legislative Research Council Unified Judicial System SD Investment Council SD Retirement System

Black Hills State University Dakota State University South Dakota School for the Visually Impaired South Dakota School for the Deaf

#### **Public Entities Participating in SDRS**

#### **School Districts**

Membership: 15,873 Percentage of total active members: 44.1% **Units: 183** 

#### Legislative, **Executive and Judicial Agencies**

Membership: 8,023 Percentage of total active members: 22.2% Units: 1

#### Institutions of **Higher Education**

Membership: 4,166 Percentage of total active members: 11.5% Units: 1

#### **Comprehensive Annual Financial Report 2006**



Education & Cultural Affairs Tourism & State Development Game, Fish and Parks Transportation Governor's Office Vocational Rehabilitation Health Enviro. and Natural Resources Human Services Attorney General

Board of Regents Central Office University of South Dakota South Dakota State University South Dakota School of Mines and Technology Northern State University

**Executive Management** 

Dept. of Public Safety

Commerce and Regulation

Agriculture

Corrections

## **MEMBERSHIP PROFILE** (CONTINUED)

#### **Municipalities**

Membership: 3,791 Percentage of total active members: 10.5% **Units: 143** 

Aberdeen Alcester Arlington Armour Aurora Avon Belle Fourche Beresford Big Stone City Bison Box Elder Brandon Britton Brookings Buffalo Burke Canistota Canton Castlewood Centerville Chamberlain Chancellor Clark Clear Lake Colman	Conto Custo Deal Dell Edgan Elk P Elktol Estell Faith Faulk Flank Flank Faulk Flank Garry Getry Getry Grot Hartf Hayti Hecla

onde Hermosa uster Herreid eadwood Highmore ell Rapids Hill Citv eSmet Hot Springs dgemont Hoven gan Howard lk Point Hudson lkton Humboldt stelline Hurley ureka Huron **Ipswich** aith aulkton Irene landreau Jefferson t. Pierre Kadoka reeman Kennebec arretson **Keystone** Kimball iettysburg Lake Andes Lake Norden Gregory Lake Preston Groton larrisburg Langford lartford Lead Lemmon layti lecla Lennox

Leola Madison Marion Martin McLaughlin Menno Midland Milbank Miller Mitchell Mobridge Montrose Mt. Vernon Murdo New Effington New Underwood Newell North Sioux City Oacoma Onida Parker Parkston

Hvde

lones

Lake

Philip Valley Springs Pickstown Vermillion Pierre Plankinton Platte Wagner Pollock Wakonda Presho Wall Pukwana Warner Rapid City Watertown Redfield Waubay Roscoe Webster Salem Wessington Scotland Selby White Sisseton White Lake Spearfish White River Springfield Whitewood Stickney Sturgis Winner Summerset Tabor Теа Tripp Timber Lake Tyndall

Viborg

Volga

Springs

Wilmot

Woonsocket

Worthing

Yankton

#### Counties

Membership: 3,696 Percentage of total active members: 10.2% Units: 64

**Brookings** Brown Brule Butte Campbell Charles Mix Clark

Aurora

Beadle

Bennett

Bon Homme

Clay

Codington

Corson

Davison

Custer

Day

Deuel

Dewey

Dougĺas

Edmunds

Fall River-

Shannon Faulk Grant Greaory Haakon Hamlin Hand Hanson Harding Hughes Hutchinson

**McPherson** Jackson Meade Mellette Jerauld Miner Minnehaha Kinasburv Moody Lawrence Pennington Perkins Lincoln Lyman Potter Marshall Roberts McCook Sanborn

Spink Springdale Twp. Stanley Sully Tripp Turner Union Walworth Yankton Ziebach

#### Other Public Entities

Membership: 525 Percentage of total active members: 1.5% Units: 86

Aberdeen Housing Assoc School Boards B-Y Water Dist Beadle Cty Cons Belle Fourche Irrigation Black Hawk Water Dist Black Hills Local Govt **Brookings** County Conservation Dist Brown-Marshall Cons Brule-Buffalo Cons Butte-Meade Sanitary Dist Campbell County Conservation Dist Canton Housing and Redev Central Plains Water Central SD Enhancement Dist Charles Mix Conservation Dist Clark Cty Cons Codington Cty Cons Dakota Dunes Improvement Dakota Valley Fire Davison Cons Dist Day Cty Cons Deuel Cty Cons East Dakota Water Dev Edmunds Cty Cons Fall River Water Faulk Cty Cons

Grant Cty Cons Haakon Cty Conv Dist Hanson-McCook Reg Library Harding Cty Cons Hamlin Cty Cons Heartland Consumer Power Hill City Ambulance Hill City Fire Protection Hot Springs Housing Hyde Cty Cons Dist James River Water **Development Dist** Jerauld Cons Dist Kingsbury Cty Cons Lake Madison Sanitary Dist Lawrence Cty Housing Lead-Deadwood Sanitary Dist Lemmon Housing Authority Lennox Housing Lincoln Cty Cons Marshall Cty Cons Marshall Cty Cons Marshall Cty Hospital McCook-Lake Sanitary Dist McPherson Cty Cons Dist Meade Cty Housing & Redev Miller Housing & Redev Mina Lake Water Dist Miner Cty Cons First District Assoc. of Local Gov. Minnehaha Cty Cons

Mitchell Housing N.E. Council of Govts Pennington Cty Housing Dev Perkins Cty Cons Pierre Housing & Redev Planning & Dev Dist III Potter County Conservation District Randall Community Water Rapid Valley Sanitary Dist Redfield Housing School Admin. of SD Sioux Falls Airport Authority Sisseton Housing South Brown Cty Cons SD Assoc of Cty Comm SD Building Authority SD High School Activities Assoc. SD Housing Authority SD Municipal League SD Pharmacists Assoc. SD Science & Technology Auth Southeastern Council of Gov. Southern Missouri Recycle Spink Cty Cons Dist State Bar of SD Walworth Cty Cons Watertown Housing





me	Y 2006 embers ceiving enefits	Annual benefits	FY 2006 members receiving Annual County benefits benefits
Aurora	96	951,867	Hyde 41 341,051
Beadle	451	5,546,758	Jackson 37 532,090
Bennett	34	349,963	Jerauld 57 556,626
BonHomme	223	2,339,319	Jones 29 376,419
Brookings	967	15,324,754	Kingsbury 108 1,326,806
Brown	882	12,804,119	Lake 335 4,687,763
Brule	109	1,330,936	Lawrence 586 8,267,775
Buffalo	2	8,277	Lincoln 231 2,832,792
Butte	198	2,128,324	Lyman 56 711,758
Campbell	40	404,385	Marshall 132 1,527,979
Charles Mix	183	2,063,723	McCook 82 1,091,323
Clark	96	861,851	McPherson 64 616,449
Clay	462	7,709,019	Meade 392 5,196,862
Codington	526	7,944,948	Mellette 37 338,928
Corson	38	500,265	Miner 64 610,129
Custer	211	2,779,514	Minnehaha 1,756 30,468,573
Davison	436	5,914,669	Moody 121 1,305,596
Day	160	1,900,006	Pennington 1,927 29,796,547
Deuel	95	713,786	Perkins 66 689,231
Dewey	60	701,445	Potter 76 871,134
Douglas	52	543,330	Roberts 180 2,042,165
Edmunds	68	822,143	Sanborn 65 681,376
Fall River	217	1,876,926	Shannon 7 96,548
Faulk	111	1,076,757	Spink 375 3,588,817
Grant	160	1,755,986	Stanley 126 1,865,940
Gregory	104	1,182,359	Sully 33 276,890
Haakon	39	446,781	Todd 38 415,566
Hamlin	118	1,429,639	Tripp 146 1,647,517
Hand	86	1,020,760	Turner 187 1,950,495
Hanson	42	378,213	Union 193 2,399,444
Harding	24	193,812	Walworth 180 2,214,657
Hughes	1,036	18,462,745	Yankton 598 7,427,644
Hutchinson	193	2,284,494	Ziebach 13 111,863

### **SDRS Benefits Paid**

#### SDRS Benefits Paid by County of Residence

Total benefits payable by county 15,857 220,616,629

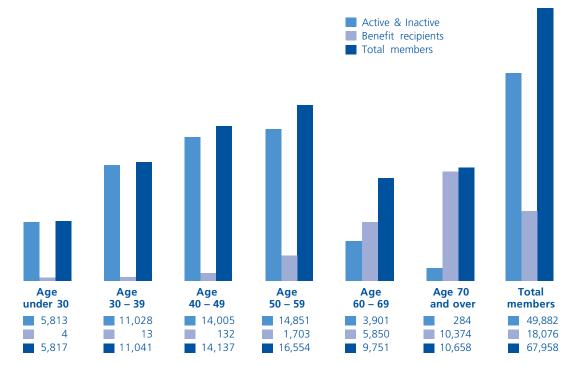
	Members receiving benefits	Annual benefits	State	Members receiving benefits	Annual benefits					
Arizona	277	3,963,767	Texas	125	1,433,797					
California	74	810,718	Wisconsin	71	809,856					
Colorado	111	1,151,972	Wyoming	83	693,955					
Florida	72	944,906								
lowa	142	1,435,646	Other stat	tes						
Minnesota	294	3,202,889	and Foreic	jn						
Nebraska	228	2,054,919	Countries	657	7,710,191					
North Dak	ota 85	878,307								
Tota	l benefits p	ayable outsid	e South Dakot	a <b>2,219</b>	25,090,921					
Total ber	Total benefit recipients and benefits payable <u>18,076</u> <u>245,707,550</u>									

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#### SDRS Benefits Paid Outside of South Dakota

Comprehensive Annual Financial Report 2006





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## **Membership by Age**

## Membership by County of Residence

Active, Inactive and Retired Members

	Total		Total		Total
County	members	County	members	County	members
Aurora	300	Faulk	321	Mellette	202
Beadle	1,325	Grant	490	Miner	209
Bennett	183	Gregory	376	Minnehaha	7,585
BonHomme	e 773	Haakon	181	Moody	447
Brookings	3,914	Hamlin	514	Pennington	7,355
Brown	3,130	Hand	246	Perkins	222
Brule	445	Hanson	182	Potter	238
Buffalo	9	Harding	115	Roberts	666
Butte	833	Hughes	4,297	Sanborn	238
Campbell	145	Hutchinson	583	Shannon	124
Charles Mix	«	Hyde	145	Spink	1,278
Clark	333	Jackson	173	Stanley	609
Clay	1,939	Jerauld	174	Sully	163
Codington	1,983	Jones	119	Todd	459
Corson	234	Kingsbury	474	Tripp	588
Custer	847	Lake	1,094	Turner	639
Davison	1,322	Lawrence	2,281	Union	811
Day	498	Lincoln	1,071	Walworth	595
Deuel	350	Lyman	259	Yankton	2,232
Dewey	381	Marshall	432	Ziebach	109
Douglas	221	McCook	363	Out of State	e 6,402
Edmunds	256	McPherson	196		
Fall River	826	Meade	1,744		

#### Total membership 67,958

South Dakota Retirement System





## Membership by Group

Board of Regents Female         Vested         vested         active         Vested         inactive         memb inactive           Female         811         274         1,085         314         196         510         1, 1, 106           Male         1,011         292         1,303         383         187         570         1, 1, 383         1,800         3, 383           County General Female         1,212         396         1,608         263         264         527         2, 483         2, 385         1, 1, 104         2,286         715         3,001         440         472         912         3, 383         1, 1, 104         2,286         715         3,001         440         472         912         3, 1, 104         393         166         559         30         49         79         1, 104         126         1         126         1         1, 104         1482         213         695         45         81         126         1         1         1         1         0         0         0         0         1         1         1         0         0         0         1         1         1         1         0         0         0         1		
Female         811         274         1,085         314         196         510         1, Male           Male         1,011         292         1,303         383         187         570         1, Total           Total         1,822         566         2,388         697         383         1,080         3,           County General Female         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .	otal	
Male       1,011       292       1,303       383       187       570       1,         Total       1,822       566       2,388       697       383       1,080       3,         County General Female       1,212       396       1,608       263       264       527       2,         Male       1,074       319       1,393       177       208       385       1,         Total       2,286       715       3,001       440       472       912       3,         County Public Safety Female       89       47       136       15       32       47         Male       393       166       559       30       49       79       49         Total       482       213       695       45       81       126       33         Judicial Female       10       1       11       0       0       0       0         Male       444       0       444       3       0       3       30       3         Judicial Total       54       1       55       3       0       3       30       3         Municipal General Female       971       302		
Total         1,822         566         2,388         697         383         1,080         3,           County General Female         1,212         396         1,608         263         264         527         2,           Male         1,074         319         1,393         177         208         385         1,           Total         2,286         715         3,001         440         472         912         3,           County Public Safety Female         89         47         136         15         32         47           Male         393         166         559         30         49         79         49           Total         482         213         695         45         81         126         33           Judicial Female         10         1         11         0         0         0         3           Municipal General Male         971         302         1,273         238         364         602         1,2           Municipal General Female         971         302         1,273         238         364         602         1,2           Male         1,391         362         1,753		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	468	
Female         1,212         396         1,608         263         264         527         2, Male           Male         1,074         319         1,393         177         208         385         1, Total         2,286         715         3,001         440         472         912         3,           County Public Safety Female         89         47         136         15         32         47           Male         393         166         559         30         49         79         40           Total         482         213         695         45         81         126         30           Judicial Female         10         1         11         0         0         0         0           Male         444         0         44         3         0         3         30         3           Total         54         1         55         3         0         3         3           Municipal General Female         971         302         1,273         238         364         602         1, Male         2,362         664         3,026         446         594         1,040         4,         4,		
Male       1,074       319       1,393       177       208       385       1,         Total       2,286       715       3,001       440       472       912       3;         County Public Safety Female       89       47       136       15       32       47         Male       393       166       559       30       49       79       49         Total       482       213       695       45       81       126       43         Judicial Female       10       1       11       0       0       0       0         Male       444       0       444       3       0       3       30       3       30       3         Judicial Female       10       1       11       0       0       0       3       30       3         Total       54       1       55       3       0       3       30       3         Municipal General Female       971       302       1,273       238       364       602       1,3         Male       1,391       362       1,753       208       230       438       2,3       2,30       438		
Total       2,286       715       3,001       440       472       912       3,         County Public Safety Female       89       47       136       15       32       47         Male       393       166       559       30       49       79       40         Iotal       482       213       695       45       81       126       41         Judicial Female       10       1       11       0       0       0       0         Male       44       0       444       3       0       3       3       3         Judicial Female       10       1       111       0       0       0       0       3         Total       54       1       55       3       0       3       3       3         Municipal General Female       971       302       1,273       238       364       602       1,3         Male       1,391       362       1,753       208       230       438       2,3         Total       2,362       664       3,026       446       594       1,040       4,4         Municipal Public Safety Male       589       14	135	
County Public Safety         Female         89         47         136         15         32         47           Male         393         166         559         30         49         79           Total         482         213         695         45         81         126           Judicial         Female         10         1         11         0         0         0           Female         10         1         111         0         0         3         3           Male         444         0         444         3         0         3         3           Male         444         0         444         3         0         3         3           Male         1,391         302         1,273         238         364         602         1,4           Male         1,391         362         1,753         208         230         438         2,2           Total         2,362         664         3,026         446         594         1,040         4,4           Municipal Public Safety         Female         19         13         32         2         8         10		
Female       89       47       136       15       32       47         Male       393       166       559       30       49       79       10         Total       482       213       695       45       81       126       10         Judicial       Female       10       1       11       0       0       0       0         Male       444       0       444       3       0       3       0       3         Municipal       General       Female       971       302       1,273       238       364       602       1,         Male       1,391       362       1,753       208       230       438       2,         Total       2,362       664       3,026       446       594       1,040       4,         Municipal Public       Safety       Female       19       13       32       2       8       10         Male       589       144       733       41       58       99       34	/15	
Male       393       166       559       30       49       79         Total       482       213       695       45       81       126       30         Judicial       Female       10       1       11       0       0       0       0         Male       44       0       44       3       0       3       30       30       49       79         Male       10       1       11       0       0       0       3       30       33       30       33         Municipal General       Female       971       302       1,273       238       364       602       1,         Male       1,391       362       1,753       208       230       438       2,         Total       2,362       664       3,026       446       594       1,040       4,         Municipal Public Safety       Female       19       13       32       2       8       10         Male       589       144       733       41       58       99       33		
Total         482         213         695         45         81         126           Judicial Female         10         1         11         0         0         0           Male         44         0         44         3         0         3           Total         54         1         55         3         0         3           Municipal General Female         971         302         1,273         238         364         602         1, Male           Male         1,391         362         1,753         208         230         438         2, Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         33	183	
Judicial         Female         10         1         11         0         0         0           Male         44         0         44         3         0         3           Total         54         1         55         3         0         3           Municipal General         Female         971         302         1,273         238         364         602         1,7           Male         1,391         362         1,753         208         230         438         2,           Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety         Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         34	538	
Female         10         1         11         0         0         0           Male         44         0         44         3         0         3           Total         54         1         55         3         0         3           Municipal General         Female         971         302         1,273         238         364         602         1,391           Male         1,391         362         1,753         208         230         438         2,           Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety         Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         34	321	
Male       44       0       44       3       0       3         Total       54       1       55       3       0       3         Municipal General       Female       971       302       1,273       238       364       602       1,1         Male       1,391       362       1,753       208       230       438       2,         Total       2,362       664       3,026       446       594       1,040       4,         Municipal Public Safety       Female       19       13       32       2       8       10         Male       589       144       733       41       58       99       33		
Municipal General         971         302         1,273         238         364         602         1, 1, Male         1,391         362         1,753         208         230         438         2, 2, 1,040         2, 4,46         594         1,040         4,           Municipal Public Safety Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         34	11	
Municipal General         971         302         1,273         238         364         602         1, 1, Male         1,391         362         1,753         208         230         438         2, 2, 1,040         2, 4,46         594         1,040         4,           Municipal Public Safety Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         34	47	
Female         971         302         1,273         238         364         602         1, Male           Male         1,391         362         1,753         208         230         438         2,           Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         30	58	
Female         971         302         1,273         238         364         602         1, Male           Male         1,391         362         1,753         208         230         438         2,           Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         30		
Male         1,391         362         1,753         208         230         438         2,           Total         2,362         664         3,026         446         594         1,040         4,           Municipal Public Safety         Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         33	375	
Municipal Public Safety         Female         19         13         32         2         8         10           Male         589         144         733         41         58         99         14	191	
Female 19 13 32 2 8 10 Male 589 144 733 41 58 99	066	
Female 19 13 32 2 8 10 Male 589 144 733 41 58 99		
Male 589 144 733 41 58 99	42	
	332	
	374	
Dublic School 9		
Public School & Board of Regents Classified		
	733	
	956	
Total 5,451 1,865 7,316 1,729 2,644 4,373 11,0	589	
State General		
	268	
	113	
Total 5,471 1,590 7,061 1,116 1,204 2,320 9,	381	
Canada Dublia		
State Public Safety and Penitentiary		
	232	
Male 554 182 736 47 107 154	390	
Total 676 231 907 58 157 215 1,	122	
Teachers		
Female 7,045 912 7,957 1,891 772 2,663 10,	520	
Male 2,534 369 2,903 668 299 967 3,	370	
Total 9,579 1,281 10,860 2,559 1,071 3,630 14,	190	
Grand Total		
Grand Total Female 17,240 4,272 21,512 4,783 4,399 9,182 30,	594	
Male 11,551 3,011 14,562 2,353 2,273 4,626 19,		
Total 28,791 7,283 36,074 7,136 6,672 13,808 49,4		

Comprehensive Annual Financial Report 2006

## MEMBERSHIP PROFILE (CONTINUED)

## **Benefit Recipients**

enefit Recipients								
by Group		rement nefits	Disal ben			vivor efits		otal efits
<b>Board of Regents</b>	2006	2005	2006	2005	2006	2005	2006	2005
Male	790	765	5	5	11	12	806	782
Female	275	262	9	6	198	187	482	455
Total	1,065	1,027	14	11	209	199	1,288	1,237
County General								
Male	547	519	36	43	35	34	618	596
Female	591	581	20	19	284	279	895	879
Total	1,138	1,100	56	62	319	313	1,513	1,475
County Dublic Cofety								
County Public Safety Male	123	117	4	5	1	1	128	123
Female	9	9	1	0	21	21	31	30
Total	132	126	5	5	22	22	159	153
Judicial Male	30	28	0	0	0	0	30	28
Female	1	1	0	0	19	17	20	18
Total	31	29	0	0	19	17	50	46
Municipal General Male	545	534	22	31	24	24	591	589
Female	352	335	9	10	251	245	612	590
Total	897	869	31	41	275	269	1,203	1,179
Municipal Public Safety Male Female	363	349	12	14	0	0	375	363
	303	3	2	2	59	62	64	67
Total	366	352	14	16	59	62	439	430
Public School & Board of Regents Classified								
Male	714	684	27	35	121	114	862	833
Female	1,870	1,779	36	29	264	259	2,170	2,067
Total	2,584	2,463	63	64	385	373	3,032	2,900
and and the								
State General Male	1,602	1,571	46	53	98	95	1,746	1,719
Female	1,423	1,388	56	57	630	616	2,109	2,061
Total	3,025	2,959	102	110	728	711	3,855	3,780
State Public Safety and Penitentiary								
Male	263	247	3	3	2	1	268	251
Female	14	9	1	1	44	41	59	51
Total	277	256	4	4	46	42	327	302
Teachers								
Male	1,862	1,809	18	19	246	246	2,126	2,074
Female	3,664	3,560	43	55	377	356	4,084	3,971
Total	5,526	5,369	61	74	623	602	6,210	6,045
e a al marte								
Grand Total Male	6,839	6,623	173	208	538	527	7,550	7,358
<u>Female</u>	8,202	7,927	177	179	2,147	2,083	10,526	10,189
Total	15,041	14,550	350	387	2,685	2,610	18,076	17,547



South Dakota Retirement System

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# Average Benefits Payments Last 10 Fiscal Years

Retirement effective dates	0-4	5-9	10-14	15-19	20-24	25-29	30+
Period 7/1/96 – 6/30/97 Average monthly benefit Average final average salary Number of retired members	540 26,067 9	239 19,394 104	486 22,901 94	708 24,867 93	1,304 31,405 136	1,755 33,817 111	2,471 37,968 75
Period 7/1/97 – 6/30/98 Average monthly benefit Average final average salary Number of retired members	733 42,872 6	282 21,546 92	444 23,106 83	705 25,701 75	1,121 29,183 121	1,517 32,287 103	2,487 39,369 136
Period 7/1/98 – 6/30/99 Average monthly benefit Average final average salary Number of retired members	509 30,067 29	318 21,093 103	437 23,242 100	714 26,720 75	1,284 30,665 124	1,714 34,581 112	3,172 48,467 124
Period 7/1/99 – 6/30/2000 Average monthly benefit Average final average salary Number of retired members	885 38,322 32	413 25,155 89	527 24,330 108	843 28,999 94	1,186 31,049 118	1,813 39,787 179	2,816 26,655 225
Period 7/1/2000 – 6/30/2001 Average monthly benefit Average final average salary Number of retired members	691 39,676 39	338 25,668 93	512 26,329 117	726 26,739 108	1,132 31,133 106	1,803 40,507 161	2,554 53,494 210
Period 7/1/2001 – 6/30/2002 Average monthly benefit Average final average salary Number of retired members	677 39,676 44	404 25,668 89	573 26,329 119	780 26,739 102	1,215 31,133 120	1,785 40,507 154	2,570 53,496 214
Period 7/1/2002 – 6/30/2003 Average monthly benefit Average final average salary Number of retired members	677 35,272 44	404 27,700 89	573 29,531 119	780 30,228 102	1,215 34,519 120	1,785 40,621 154	2,570 52,727 214
Period 7/1/2003 – 6/30/2004 Average monthly benefit Average final average salary Number of retired members	733 35,433 47	417 28,886 105	595 29,247 109	830 32,105 117	1,198 37,182 135	1,776 41,587 219	2,619 51,738 364
Period 7/1/2004 – 6/30/2005 Average monthly benefit Average final average salary Number of retired members	1,177 57,530 65	502 32,948 111	622 30,589 120	825 33,492 112	1,260 38,344 129	1,693 42,730 188	2,568 57,744 246
Period 7/1/2005 – 6/30/2006 Average Monthly Benefit Average final average salary Number of Retired Members	902 38,816 48	569 34,021 140	759 37,863 135	827 32,169 117	1,240 37,944 145	1,761 42,749 177	2,999 60,793 268

#### Years of credited service

Comprehensive Annual Financial Report 2006

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### **Historical Views**

#### Benefit Recipients and Benefits Paid

Group	2001	2002	2003	2004	2005	2006
Board of Regents	1,024	1,086	1,137	1,172	1,237	1,288
County general	1,368	1,376	1,425	1,453	1,475	1,513
County public safety	100	110	129	136	153	159
Judicial	45	47	48	48	46	50
Municipal general	1,077	1,118	1,138	1,169	1,179	1,203
Municipal public safety	355	376	389	410	430	439
Public school & Board of Regents classified	2,474	2,598	2,677	2,763	2,900	3,032
State general	3,433	3,494	3,578	3,728	3,780	3,855
State public safety & penitentiary	244	261	273	293	302	327
Teachers	5,270	5,427	5,647	5,857	6,046	6,210
Total benefit recipients	15,390	15,893	16,441	17,029	17,548	18,076
Total benefits paid during period	\$153,192,955	\$166,265,639	\$200,613,434	\$211,373,732	\$217,550,207	\$234,825,875
Average benefits paid during period	\$9,954	\$10,462	\$12,202	\$12,413	12,397	12,991

#### Active and Inactive Members

Group	2001	2002	2003	2004	2005	2006
Board of Regents	2,882	2,998	3,144	3,287	3,403	3,468
County general	3,675	3,615	3,696	3,782	3,857	3,913
County public safety	483	641	721	746	771	821
Judicial	61	58	58	62	62	58
Municipal general	3,613	3,740	3,806	3,891	3,975	4,066
Municipal public safety	778	806	852	878	876	874
Public school & Board of Regents classified	10,075	10,582	10,885	11,279	11,492	11,689
State general	8,550	8,874	8,915	9,118	9,328	9,381
State public safety & penitentiary	972	986	1,010	1,044	1,069	1,122
Teachers	14,114	14,292	14,406	14,436	14,450	14,490
Total active and inactive members	45,203	46,592	47,493	48,523	49,283	49,882



South Dakota Retirement System



#### Benefits and Expenses by Type

	Retirement benefits	Disability benefits	Survivor benefits	Refund benefits	Total Benefits	Administrative Expenses
Fiscal year 1996	\$ 71,435,953	\$2,759,606	\$ 7,712,652	\$ 8,643,978	\$ 90,552,189	\$1,868,261
Fiscal year 1997	78,464,626	3,310,265	8,129,098	10,386,335	100,290,324	1,984,493
Fiscal year 1998	87,649,535	3,350,470	9,699,594	7,114,027	107,813,626	2,055,131
Fiscal year 1999	100,549,552	3,284,394	9,871,299	34,431,120	148,136,365	2,536,815
Fiscal year 2000	118,415,493	3,816,883	11,543,273	26,213,018	159,988,667	2,348,991
Fiscal year 2001	135,507,333	3,999,932	13,685,690	24,227,022	177,419,977	2,403,024
Fiscal year 2002	147,517,321	3,925,986	14,822,332	22,130,027	188,395,666	2,440,353
Fiscal year 2003	161,214,537	4,126,182	15,934,568	19,338,147	200,613,434	2,796,941
Fiscal year 2004	177,038,538	4,129,953	17,285,919	21,414,639	219,869,049	2,493,039
Fiscal year 2005	194,749,213	4,081,290	18,719,704	20,840,323	238,390,530	2,772,121
Fiscal year 2006	210,773,603	4,269,897	19,782,375	25,069,548	259,895,423	2,697,571

## Changes in Net Assets

Last 10 Fiscal Years

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Additions										
Member contributions	50,499,238	51,708,722	55,001,264	58,508,147	62,310,957	66,311,285	80,806,422	104,655,550	89,158,629	82,464,727
Employers contributions	47,664,275	47,145,364	50,069,614	52,622,437	55,697,940	58,544,918	71,989,308	74,854,496	77,474,967	80,829,338
Investment Income ( (net of expenses)	<b>loss)</b> 610,759,156	666,000,707	591,101,260	490,386,117	(154,774,807)	(248,826,201)	209,901,823	776,890,949	716,237,979	783,993,684
Total additions to (d plan net assets	eductions) 708,922,669	764,854,793	696,172,138	601,516,701	(36,765,910)	(123,969,998)	362,697,553	956,400,995	882,871,575	947,287,749

Deductions										
<b>Benefit payments</b>	89,903,989	100,699,600	113,705,428	133,775,649	153,192,955	166,265,639	181,265,287	198,454,410	217,550,207	234,825,875
Refunds	10,386,335	7,114,027	34,430,937	26,213,018	24,227,022	22,130,027	19,338,147	21,414,639	20,840,323	25,069,548
Administrative expenses	1,984,493	2,055,131	2,536,815	2,348,991	2,403,024	2,440,353	2,796,941	2,493,039	2,772,121	2,697,571
Total deductions from plan net assets	102,274,817	109,868,758	150,673,180	162,337,658	179,823,001	190,836,019	203,400,375	222,362,088	241,162,651	262,592,994
Change in net assets	606,647,852	654,986,035	545,498,958	439,179,043	(216,588,911)	(314,806,017)	159,297,178	734,038,907	641,708,924	684,694,755

Comprehensive Annual Financial Report 2006

## MEMBERSHIP PROFILE (CONTINUED)

#### Principal Participating Employers

al	2006			Deveente ve of
g rs	Participating government	Covered employees	Rank	Percentage of total system
	State of South Dakota	8,023	1	22%
	Board Of Regents	4,166	2	12%
	Rapid City Schools	1,819	3	5%
	Sioux Falls Schools	1,630	4	5%
	City of Rapid City	675	5	2%
	Watertown Schools	599	6	2%
	City of Brookings and Hospital	564	7	2%
	Pennington County	555	8	2%
	Minnehaha County	504	9	1%
	Aberdeen Schools	472	10	1%
	All Other	17,067		47%
	Total (463 governments)	<u>36,074</u>		<u>100%</u>

#### 1997

Percentage of total system	Rank	Covered employees	Participating government
23%	1	7,360	State of South Dakota
12%	2	3,866	Board of Regents
5%	3	1,681	Rapid City School
4%	4	1,435	Sioux Falls School
2%	5	554	City of Rapid City
2%	6	554	Watertown School
2%	7	519	City of Brookings and Hospital
1%	8	416	Pennington County
1%	9	388	Todd County School
1%	10	385	Minnehaha County
53%		15,239	All Other
<u>100%</u>		<u>32,397</u>	Total ( 410 governments)

South Dakota Retirement System



# Retired Members by Type and Amount of Benefit

As of June 30, 2006

A				Туре	of retiren	nent*			
Amount of monthly benefit	1	2	3	4	5	6	7	8	9
\$1 - \$250	658	106	1,236	33	29	1	756	2	124
\$251 - \$500	710	141	1,360	79	50	2	597	15	156
\$501 - \$750	461	180	937	56	37	8	357	26	137
\$751 - \$1,000	369	303	614	42	26	22	255	76	117
\$1,001 - \$1,250	214	393	415	55	31	29	139	147	129
\$1,251 - \$1,500	165	476	212	35	13	20	114	163	84
\$1,501 - \$1,750	129	489	128	19	13	10	61	203	58
\$1,751 - \$2,000	95	461	109	8	5	12	22	189	45
Over \$2,000	355	1,565	142	24	14	14	47	872	75
	<u>3,156</u>	<u>4,114</u>	<u>5,153</u>	<u>351</u>	<u>218</u>	<u>118</u>	<u>2,348</u>	<u>1,693</u>	<u>925</u>

#### **\*Type of Retirement**

- 1 Normal

. . . . .

- Normal
   Early unreduced
   Early reduced
   Disability
   Survivor of active member
   Spouse option
   Survivor of retired member
   Level income unreduced 8 Level income unreduced
- 9 Level income reduced



## NOTES



**For More Information** 

For more information on the South Dakota Retirement System, write or call:

South Dakota Retirement System P.O. Box 1098 Pierre, South Dakota 57501-1098 Phone: (605) 773-3731 Fax: (605) 773-3949 TDD: (605) 773-3958

A comprehensive brochure explaining the system's provisions is available on request.

South Dakota Retirement System 222 East Capitol, Suite 8 P.O. Box 1098 Pierre, South Dakota 57501-1098 (605) 773-3731

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