# PERS Facts & Figures

For Fiscal Year 2024



## Our Mission

The mission of the

Public Employees' Retirement System of Mississippi
is to provide secure benefits to our members and
consistently deliver quality service by meeting our customers' needs,
operating efficiently and transparently, investing and managing assets prudently, and
acting in the best interest of all members.

The Public Employees' Retirement System of Mississippi is required to comply with both state and federal laws and regulations. The System is accountable to both the legislative and executive branches of the state, and is overseen by a board of trustees that includes eight employee/retiree representatives and the State Treasurer and an appointee of the governor, who both represent the interests of the taxpayers of Mississippi.

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## **Total System Overview**

The term "System" is used throughout this document in a broad context to refer to all retirement plans administered by PERS as the administrative agency.

Ranked 73rd by assets among the 1,000 largest U.S. retirement funds<sup>1</sup> and 170th largest in the world<sup>2</sup>, the Public Employees' Retirement System of Mississippi (PERS) administers 25 programs/plans with a total system membership of 368,3333 and investment assets of \$33.7 billion<sup>5</sup> and total net assets of \$34 billion<sup>3</sup>. FY 2024 administrative cost (including depreciation) per member (actives, inactives, retirees, and beneficiaries) is \$523.

As of June 2024, the total number of retirees is 120,7115

### **Defined Benefit Plans**

### Public Employees' Retirement System (PERS)

Established in 1952

- 145.836 active members<sup>3</sup>
- 100.966 inactive members<sup>3</sup>
- 118,321 retirees and beneficiaries 3
- \$33.4 billion in net assets<sup>3</sup>
- Average Benefit: \$27,541 <sup>5</sup>

### Mississippi Highway Safety Patrol **Retirement System (MHSPRS)**

Established in 1958

- 504 active members <sup>3</sup>
- 76 inactive members 3
- 806 retirees and beneficiaries <sup>3</sup>
- \$438.5 million in net assets 3
- Average Benefit: \$50,180 <sup>5</sup>

### **Defined Contribution Plans (Optional Plans)**

## **Mississippi Deferred Compensation** Plan & Trust (MDC)

Established in 1973; Administration transferred to PERS in 1974

- 37,514 participants <sup>6</sup>
- \$2.3 billion in net assets 6

### **Retirement Insurance Plans**

### **PERS-sponsored Retiree Medical and Life Insurance Plans**

Authorized in 1988

- 2,366 medical insurance participants 8
- 8,519 life insurance participants 8,9,10

and the total monthly benefit payroll is \$209.4 million4.

The current average annual PERS benefit including the Cost-of-Living Adjustment is \$27,5415 with \$3.2 billion paid in total retirement benefits for fiscal year 20244. Approximately 92 percent of all benefits paid remain in the state<sup>3</sup>, supporting the economy and providing jobs.

Looking at System revenue for fiscal year 2024, total member and employer contributions were \$2 billion3 and net investment income was \$3.3 billion3.

### **Municipal Retirement Systems (MRS)**

17 fire and police and 2 municipal employee plans; Closed in 1987 with administration transferred to PERS

- 0 active members <sup>3</sup>
- 0 inactive members 5
- 1,337 retirees and beneficiaries <sup>3</sup>
- \$121.5 million in net assets <sup>3</sup>
- Average Benefit: \$21,451 5

### Supplemental Legislative Retirement Plan (SLRP)

Established in 1989

- 175 active members <sup>3</sup>
- 65 inactive members 3
- 247 retirees and beneficiaries <sup>3</sup>
- \$21.9 million in net assets 3
- Average Benefit: \$7,203 5

## **Optional Retirement Plan for the** Institutions of Higher Learning (ORP)

Established in 1990 for eligible members only

- 5,218 active participants <sup>7</sup>
- \$2 billion in net assets <sup>7</sup>

#### Page Sources:

- Pensions and Investments (February 12, 2024)
- Pensions and Investments (September 9, 2024)
- Annual Comprehensive Financial Report for Fiscal Year 2024 Board of Trustees Report for Fiscal Year 2024
- System Actuarial Valuation Reports
- Mississippi Government Employees' Deferred Compensation Plan and Trust Account Summary
  Optional Retirement Plan Annual Report
- Monumental Life Insurance Company Quarterly Report
- Colonial Life Insurance Company Quarterly Report
- 10. Securian Life Insurance Quarterly Report

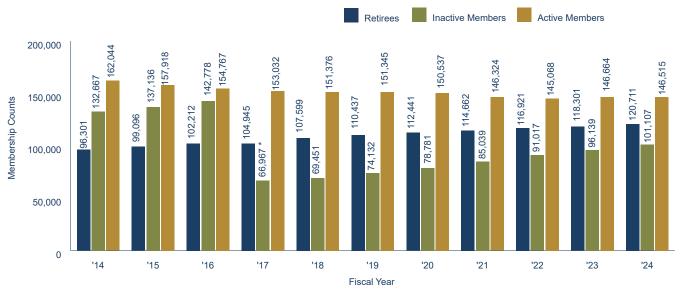
## Total System Membership

Source: Annual Comprehensive Financial Report and U.S. Bureau of Labor Statistics

Mississippi has more than 267,226 working and retired state and local government employees. The active membership of PERS comprises 12.1 percent of Mississippi's workforce.

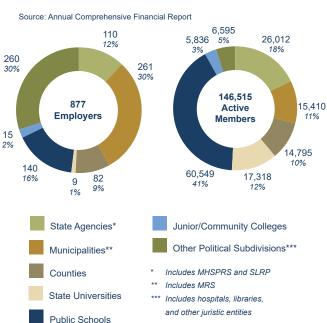
PERS is just one piece of the overall human resources package used to recruit and retain the quality workforce that is critical to the sound delivery of public services.



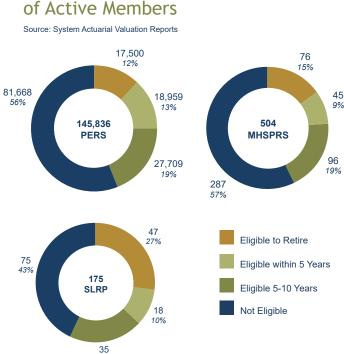


<sup>\*</sup> Individual inactive accounts with small residual or zero balances removed from totals. No actuarial valuation measurements affected.

# Total System Covered Employers and Members



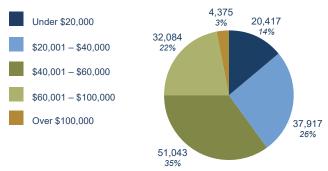
# Retirement Eligibility as Percentage of Active Members



### PERS Member and Retiree Statistics

### Active PERS Member Salary Distribution

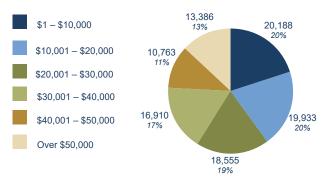
Source: System Actuarial Valuation Reports and PERS Database



Average Member Salary: \$49,685

### Annuity Distribution for PERS Service Retirees\*

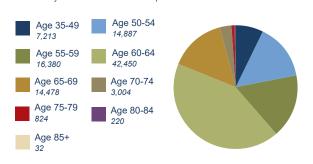
Source: System Actuarial Valuation Reports and PERS Database



<sup>\*</sup> Service retirees do not include survivors or disability retirees.

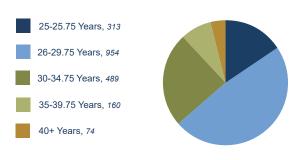
## PERS Service Retirees by Age at Retirement

Sources: System Actuarial Valuation Reports and PERS Database



## PERS Service Retirees with ≥ 25 Years at Retirement during FY 2024

Source: PERS Database



## Total System Retirees and Beneficiaries > Age 100

Source: PERS Database

Number: 76

Average age:101.29

Average years in retirement: 36.97

Average annual benefit including Cost-of-Living Adjustment: \$23,944.53

# PERS Members Who Retire based on Years of Service and Age

Source: System Actuarial Valuation Reports and PERS Database

Members Who Retire based on Years of Service:

Average age at retirement: 57.2

Average years of service: 30.14

Members Who Retire based on Age:

Average age at retirement: 61.80

Average years of service: 15.80

PERS service retirees spend, on average, 18.26 years in retirement.

## Total System Revenues and Expenses (In Thousands)

Source: PERS Accounting

### Revenues

Total Revenue for all S	Systems
-------------------------	---------

### Contributions:

Employer Contributions	\$1,488,125
MHSP Motor Vehicle Fees and Other Fees	3,643
Member Contributions	<u>685,833</u>
Total Contributions	\$2,177,601

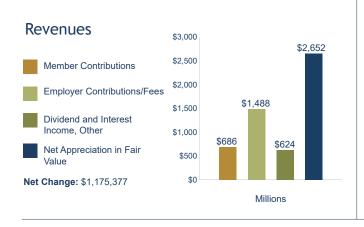
#### Net Investment Income:

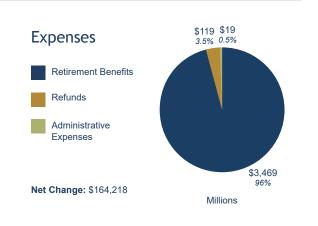
Net Appreciation in Fair Value	\$2,652,472
Dividends, Interest, and Other Investment Inco	ome-Net <u>\$623,749</u>
Net Investment	\$3.276.221

### **Expenses**

Retirement Benefits	\$(3,469,087)
Refunds	(118,566)
Administrative Expenses including Depreciation	(18,899)

Net Increase FY 2024......\$1,847,270





## Sources of Revenue - 30 Years Source: PERS Accounting

Over the 30-year period that ended June 30, 2024, employer (taxpayer) contributions to PERS made up only 28 percent of revenues, while earnings from investments provided the majority of the System's funding with members currently contributing a mandatory 9 percent of their wages to complete 17 percent of that total funding.



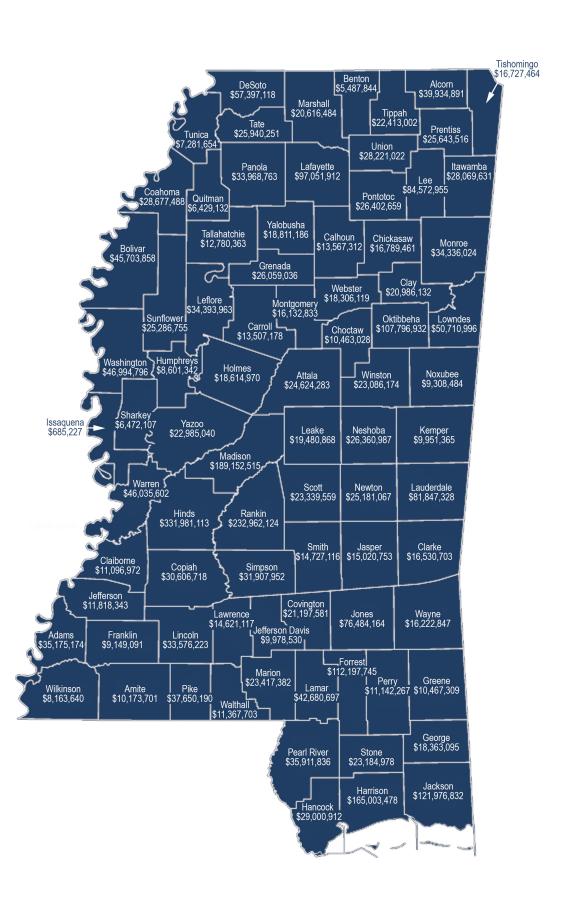
## Annual Benefit Payments and Membership per Mississippi County

Sources: Annual Comprehensive Financial Report and PERS Information Technology

The system paid benefits of approximately \$3.5 billion during fiscal year 2024, with approximately 92 percent (approximately \$3 billion) staying in Mississippi. These steady and dependable benefits provide a strong and locallydisseminated economic stimulus to communities throughout the state.

County	Benefit Payments*	Amount Paid	Membership**	County	Benefit Payments*	Amount Paid	Membership*
Adams	1,372	35,175,174	1,922	Madison	5,070	189,152,515	10,283
Alcorn	1,476	39,934,891	2,657	Marion	869	23,417,382	1,319
		10,173,701		Marshall	803	20,616,484	1,658
Attala	916	24,624,283	1,555			34,336,024	
Benton	237	5,487,844	368	Montgomery	590	16,132,833	833
	,	45,703,858	- /	Neshoba	1,031	26,360,987	1,780
		13,567,312		Newton	949	25,181,067	1,843
		13,507,178		Noxubee	361	9,308,484	56′
Chickasaw	658	16,789,461	1,018	Oktibbeha	2,629	107,796,932	5,529
Choctaw	406	10,463,028	523			33,968,763	
Claiborne	384	11,096,972	883	Pearl River	1,534	35,911,836	3,479
Clarke	719	16,530,703	1,222			11,142,267	
		20,986,132		Pike	1,399	37,650,190	2,419
Coahoma	969	28,677,488	1,784	Pontotoc	911	26,402,659	1,850
Copiah	1,133	30,606,718	2,259			25,643,516	
Covington	812	21,197,581	1,513			6,429,132	
Desoto	2,254	57,397,118	8,936			232,962,124	
Forrest	3,668	112,197,745	7,524	Scott	905	23,339,559	1,817
Franklin	373	9,149,091	734	Sharkey	231	6,472,107	346
George	779	18,363,095	1,488	Simpson	1,268	31,907,952	2,545
		10,467,309		Smith	614	14,727,116	1,189
Grenada	943	26,059,036	1,844			23,184,978	
Hancock	1,160	29,000,912	2,449	Sunflower	995	25,286,755	2,392
Harrison	5,780	165,003,478	11,925			12,780,363	
Hinds	10,993	331,981,113	25,439			25,940,251	
Holmes	750	18,614,970	1,378			22,413,002	
Humphreys	313	8,601,342	664			16,727,464	
Issaquena	35	685,227	67	Tunica	302	7,281,654	743
Itawamba	1,010	28,069,631	1,696			28,221,022	
Jackson	4,370	121,976,832	8,429	Walthall	462	11,367,703	678
Jasper	680	15,020,753	1,269			46,035,602	
Jefferson	445	11,818,343	885			46,994,796	
Jefferson Davis	439	9,978,530	773	Wayne	667	16,222,847	1,194
		76,484,164				18,306,119	
Kemper	387	9,951,365	729	Wilkinson	326	8,163,640	519
,	,	97,051,912	-,			23,086,174	
Lamar	1,588	42,680,697	3,576	Yalobusha	741	18,811,186	1,330
Lauderdale	3,034	81,847,328	5,524	Yazoo	884	22,985,040	1,74
Lawrence	594	14,621,117	1,054				
Leake	780	19,480,868	1,532				
		84,572,955		Mississippi	111,121	3,176,946,964	222,938
Leflore	1,210	34,393,963	2,605		,	961,366	-,
		33,576,223		,		298,178,668	
		50,710,996			,	,, - 30	

<sup>\*</sup> Retirees and Beneficiaries
\*\* Active and Inactive Members



## Mississippi Key Findings

Source: National Institute on Retirement Security's Pensionomics: Measuring the Economic Impact of State and Local Pension Plans

### **MISSISSIPPI**

**Key Findings** 

Benefits paid by state and

a significant amount of

of Mississippi.

local pension plans support

economic activity in the state

Pension benefits received by retirees are spent in the local community. This spending

ripples through the economy,

as one person's spending

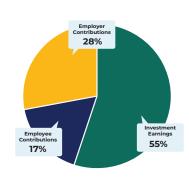
## NATIONAL INSTITUTE ON Retirement Security Reliable Research. Sensible Solutions.

### Pensionomics 2023:

Measuring the Economic Impact of DB Pension Expenditures

### Overview

Expenditures made by retirees of state and local government provide a steady economic stimulus to Mississippi communities and the state economy. In 2020, 110.856 residents of Mississippi received a total of \$2.9 billion in pension benefits from state and local pension plans.



The average pension benefit received was \$2,192 per month or \$26,299 per year. These modest benefits provide retired teachers, public safety personnel, and others who served the public during their working careers income to meet basic needs in retirement.

Between 1993 and 2020, 28% of Mississippi's pension fund receipts came from employer contributions, 17% from employee contributions, and 55% from investment earnings.\* Earnings on investments and employee contributions—not taxpayer based contributions—have historically made up the bulk of pension fund receipts.

# becomes another person's income, creating a multiplier effect.

In 2020, expenditures stemming from state and local pensions supported...

20,222 jobs that paid \$811.5 million in wages and salaries

\$2.9 billion in total economic output

\$359.5 million in federal, state, and local tax revenues

... in the state of Mississippi.

Each dollar paid out in pension benefits supported \$1.01 in total economic activity in Mississippi.

Each dollar "invested" by Mississippi taxpayers in these pension plans supported \$3.59 in total economic activity in the state.

### Impact on Jobs and Incomes

Retiree expenditures stemming from state and local pension plan benefits supported 20,222 jobs in the state. The total income to state residents supported by pension expenditures was \$811.5 million.

To put these employment impacts in perspective, in 2020 Mississippi's unemployment rate was 7.9%. The fact that DB pension expenditures supported 20,222 jobs is significant, as it represents 1.6 percentage points in Mississippi's labor force.

### **Economic Impact**

State and local pension funds in Mississippi and other states paid a total of \$2.9 billion in benefits to Mississippi residents in 2020. Retirees' expenditures from these benefits supported a total of \$2.9 billion in total economic output in the state, and \$1.6 billion in value added in the state.

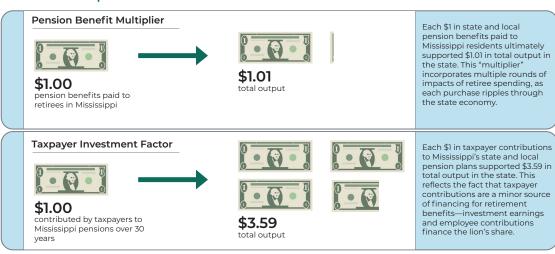
### **Impact on Tax Revenues**

State and local pension payments made to Mississippi residents supported a total of \$359.5 million in revenue to federal, state, and local governments. Taxes paid by retirees and beneficiaries directly out of pension payments totaled \$30.1 million. Taxes attributable to pension expenditures in the local economy accounted for \$329.4 million in tax revenue.

Federal Tax	\$94.3 million
State/Local Tax	\$265.2 million
Total	\$359.5 million

Totals may not add up due to rounding. For data and methodology, see Boivie, I., 2021, Pensionomics 2021: Measuring the Economic Impact of DB Pension Expenditures, National Institute on Retirement Security, Washington, DC, www.nirsonline.org, Results not directly comparable to previous Pensionomics due to methodological refinements.

### **Economic Multipliers**



 $<sup>^{*}</sup>$ Caution should be used in interpreting these numbers. See the Technical Appendix of the full Pensionomics report for details.

### **Economic Impacts by Industry Sector**

The economic impact of state and local pension benefits was broadly felt across various industry sectors in Mississippi. The five industry sectors with the largest employment impacts are presented in the table to the side.

Industry	Employment Impact (# Jobs)
Limited-service restaurants	1,397
Hospitals	974
Offices of physicians	957
Full-service restaurants	934
Retail - general merchandise stores	749

Industry totals include the first round of impacts from pension payments to state residents, and do not account for recaptured "leakage" to or from other states.

### **Economic Impacts by Occupation Category**

The pension benefits in Mississippi supported jobs in every civilian job category, as shown in the table below.

Occupation Category	Wage and Salary Employment	Wage and Salary Income	Supplements to Wages and Salaries	Employee Compensation
Food Preparation and Serving Related Occupations	2,409	\$40,793,791	\$7,245,619	\$48,039,410
Sales and Related Occupations	2,192	\$63,690,452	\$12,123,154	\$75,813,606
Office and Administrative Support Occupations	1,825	\$66,941,913	\$13,790,674	\$80,732,587
Healthcare Practitioners and Technical Occupations	1,424	\$117,528,087	\$24,988,365	\$142,516,452
Transportation and Material Moving Occupations	1,369	\$46,449,946	\$9,359,408	\$55,809,354

### Growth in PERS Net Assets over 30 Years (In Billions)

Sources: PERS Accounting

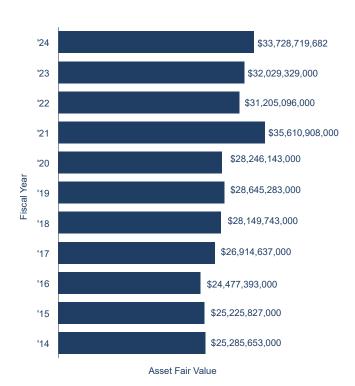
Beginning balance July 1, 1994	\$ 6.1
Employer Contributions	22.4
Member Contributions	13.5
Investment Income and Other Income	44.8
Benefit Payments	(50.3)
Refund Payments	(2.5)
Administrative and Other Expenses	(0.4)
Ending Balance June 30, 2024	\$ 33.4*

\* Ending PERS plan net position

- · Investment income is more than 55 percent of total inflows to the fund balance over the last 30 years.
- Employer and member contributions are 28 percent and 17 percent, respectively of total inflows to the fund balance over the last 30 years.
- Benefit payments and refund payments are 97 percent and 3 percent, respectively of total outflows of the fund balance over the last 30 years.

### Investment Assets FY 2014 - FY 2024

Source: Callan Investment Measurement Service Quarterly Review for June 30, 2024



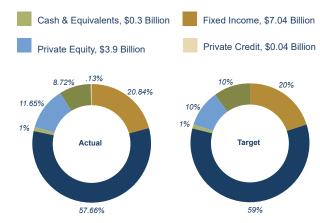
## **Investment Asset Allocation**

Source: Callan Investment Measurement Service Quarterly Review for June 30, 2024

Real Estate, \$2.97 Billion

Total Investment Assets for all Systems as of June 30, 2024 = **\$33.7 Billion** 

Equities, \$19.45 Billion



Number of Portfolios: 69 Number of Portfolio Managers: 36

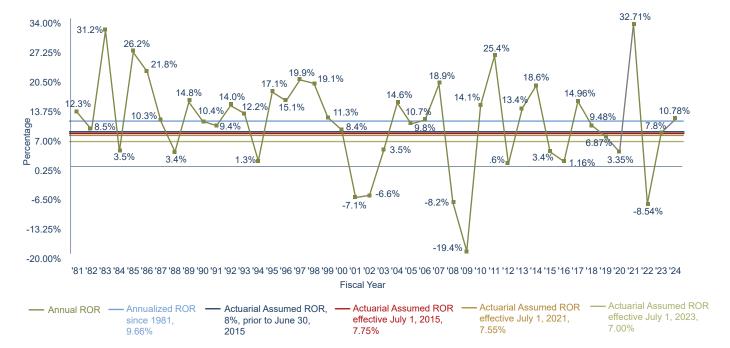
#### Note:

The Target Asset Allocation represents the legacy policy target weights. A new long-term strategic asset allocation was appproved in 2022; however, the legacy allocation target and Total Fund Benchmark will be maintained until the new complementary strategies have been implemented and funded.

### Annual Investment Rates of Return Since FY 1981

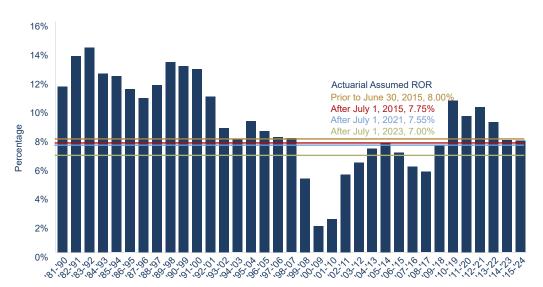
Source: PERS Annual Investment Report

PERS began equity investments in August 1980. This chart demonstrates the volatility in the markets and the need to focus on the long term.



## Investment Annualized Rates of Return

Source: Callan Investment Measurement Service Quarterly Review for June 30, 2024



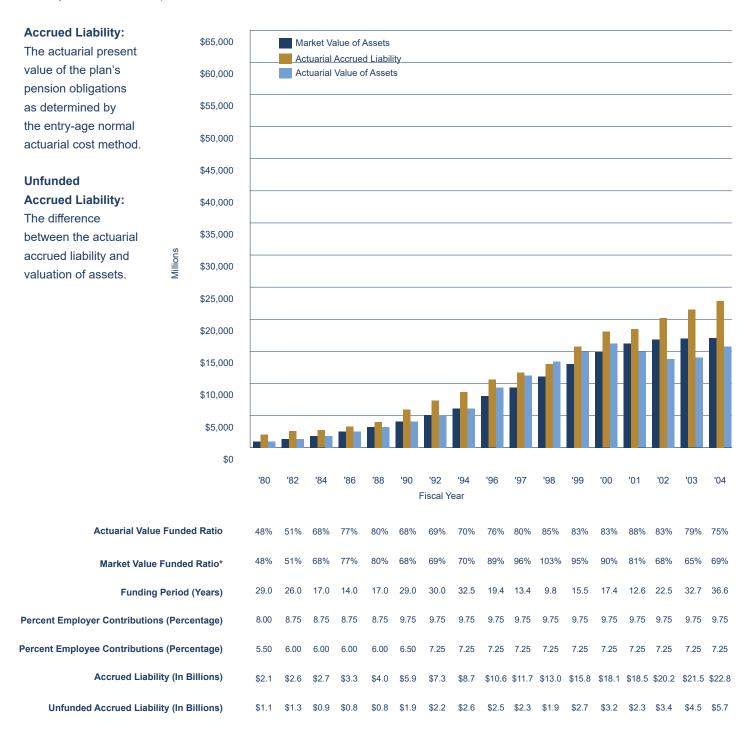
Rolling 10-Year Periods

Historical Returns as of June 30, 2024, gross of fees

1-Year 10.78%
3 -Year 2.97%
5 -Year 8.41%
10 -Year 7.73%
15-Year 9.82%
20 -Year 7.64%
25 -Year 6.53%
30-Year 8.12%

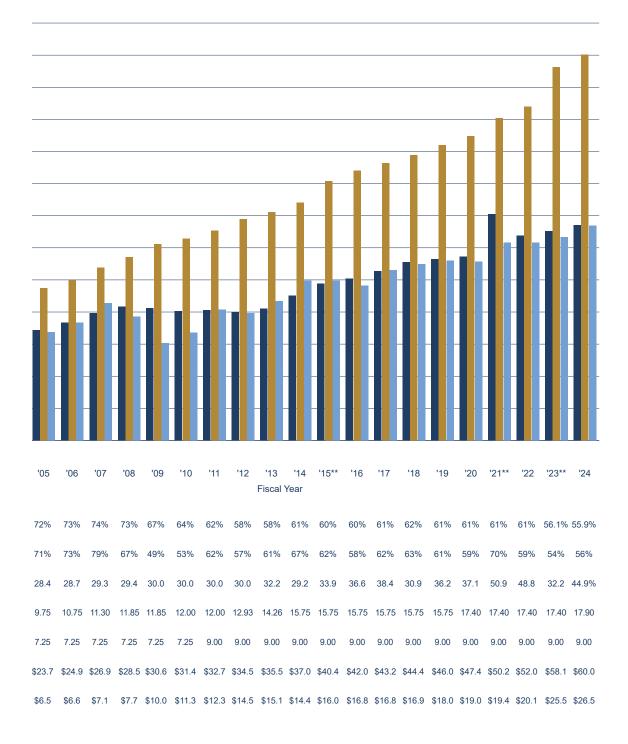
## **PERS Funded Status History**

Source: System Actuarial Valuation Reports



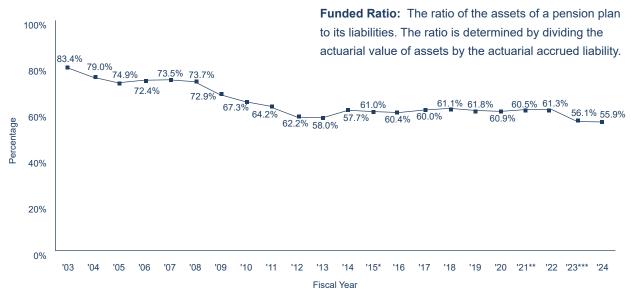
<sup>\*</sup> Assets are recorded at book value prior to 1995

<sup>\*\*</sup> Actuarial Assumed ROR effective July 2015, 7.75%; July 2021, 7.55%; July 2023, 7.00%



## **PERS Funded Ratio**

Source: System Actuarial Valuation Reports



<sup>\*</sup> Actuarial Assumed ROR effective July 2015, 7.75%

<sup>\*\*</sup> Actuarial Assumed ROR effective July 2021, 7.55%

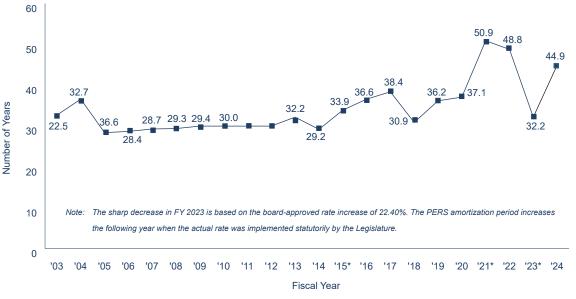
<sup>\*\*\*</sup> Actuarial Assumed ROR effective July 2023, 7.00%

## PERS Amortization Period of Unfunded Accrued Liability

Source: System Actuarial Valuation Reports

**Amortization:** Paying off an interest-bearing liability by means of periodic payments of interest and principal, as opposed to paying it off with a lump-sum payment.

**Unfunded Accrued Liability:** The difference between the actuarial accrued liability and valuation of assets.



<sup>\*</sup> Actuarial Assumed ROR effective July 2015, 7.75%; July 2021, 7.55%; July 2023, 7.00%

## PERS Contribution Rate Changes

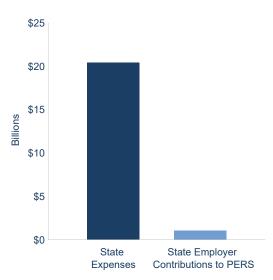


## State Employer Contributions to PERS Compared to State Expenses

Source: PERS Accounting and Supplement to Mississippi Annual Comprehensive Financial Report

Fiscal Year	State Expenses (\$ in billions)	Employer Contributions as Percent of State Expenses
1990	\$4.2	4.35%
1991	\$4.6	4.44%
1992	\$4.6	4.35%
1993	\$4.9	4.29%
1994	\$5.3	4.48%
1995	\$6.1	3.97%
1996	\$6.5	4.01%
1997	\$6.8	3.78%
1998	\$7.1	3.94%
1999	\$7.8	3.65%
2000	\$8.6	3.73%
2001	\$8.8	3.69%
2002	\$9.5	3.49%
2003	\$10.3	3.25%
2004	\$11.2	3.17%
2005	\$11.6	3.27%
2006	\$13.2	3.25%
2007	\$15.3	3.10%
2008	\$14.9	3.54%
2009	\$15.5	3.55%
2010	\$16.3	3.44%
2011	\$16.3	3.37%
2012	\$15.8	3.69%
2013	\$15.7	4.27%
2014	\$15.7	4.68%
2015	\$16.3	4.65%
2016	\$16.4	4.81%
2017	\$16.2	4.82%
2018	\$16.0	4.84%
2019	\$16.0	4.92%
2020	\$16.4	5.4%
2021	\$18.1	5.0%
2022	\$19.0	5.0%
2023	\$20.4	5.0%
2024*		

# FY 2023 Comparison of State Expenses to State Employer Contributions



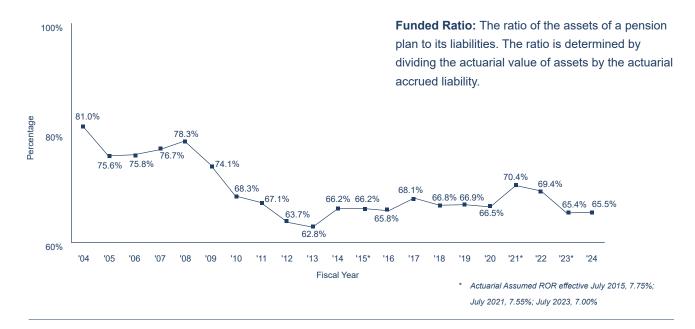
**Note:** State Employer Contributions include state agencies, state universities, public schools, and community/junior colleges.

<sup>\* 2024</sup> State Expenditures not available at time of publication

## MS Highway Safety Patrol Retirement System (MHSPRS)

Source: System Actuarial Valuation Reports

### **Funded Ratio**



## Amortization Period of Unfunded Accrued Liability



## MHSPRS Contribution Rate Change History

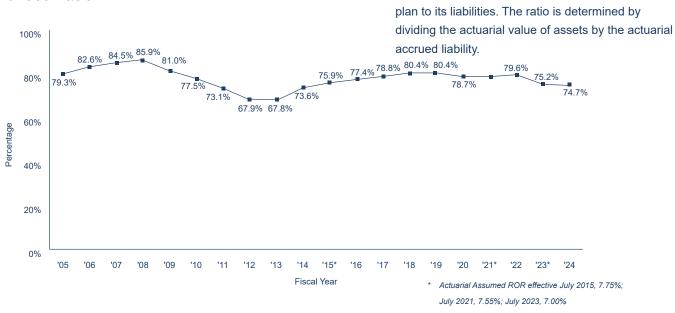
Source: System Actuarial Valuation Reports



## Supplemental Legislative Retirement Plan (SLRP)

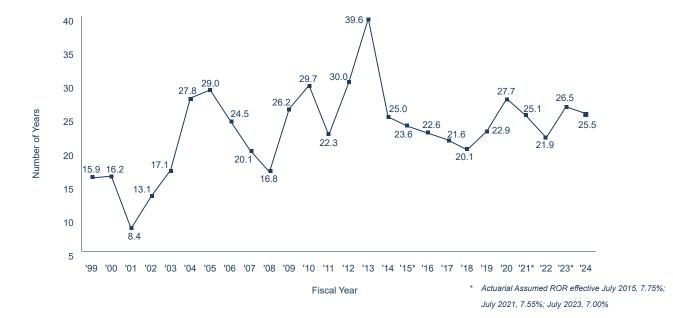
Source: System Actuarial Valuation Reports





Funded Ratio: The ratio of the assets of a pension

## Amortization Period of Unfunded Accrued Liability



## SLRP Contribution Rate Change History

Source: System Actuarial Valuation Reports





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Published January 2025