
FINANCIAL EXPERIENCE REPORT

State of Wisconsin – Group Insurance Board

January 1, 2022 through December 31, 2022

Policy Number: 2832

Submitted by

Securian Financial

June 30, 2023

The Group Insurance Board
4822 Madison Yards Way
Madison, WI 53705-9100

RE: EMPLOYEE LIFE INSURANCE PLAN
2022 POLICY YEAR HIGHLIGHTS

Ladies and Gentlemen:

This report presents the 2022 policy year experience on the group life insurance plans for employees of the State of Wisconsin and participating local government employers. The most important developments on the plans during 2022 are summarized in this letter. Details may be found in the policy year report on the page(s) indicated following each section. Historical experience is presented on pages 19-33 for the State plan and on pages 47-59 for the local government plan.

STATE PLAN

PLAN GROWTH

- The total number of insured active employees decreased by over 300, while the number of insured retirees increased by over 700. On December 31, 2022, just under 50,000 active employees, plus over 36,000 retired employees, were insured under the plan. Total life insurance in force on active employees, retirees, spouses and dependents increased by 2.5% to over \$13.1 billion. (Pages 5 and 13)

CLAIMS

- Claims in 2022 were higher than expected driven by life claims. While the pandemic had a negative financial impact to the plan, the impact in 2022 was lower than 2021 and was not significant enough to impact pricing or funding strategies.
- In 2022, claims for the employee plan were higher than expected, but within normal volatility, driven by life claims. (Pages 6, 7, 14 and 15)
- Claims on the spouse and dependent plan were lower than expected. (Page 11)

OTHER BENEFITS

- In April 2010, the Board approved the addition of an aviation AD&D benefit for work related accidental deaths. The 2022 policy year is the eleventh in which a separate experience calculation has been performed for that benefit. There were no claims for this benefit in 2022. (Page 9)
- Retired State employees are allowed to convert the value of their postretirement life insurance to an account to pay health insurance or long-term care insurance premiums. During 2022, a total of 310 retired State employees utilized this option, including 44 new elections in 2022 and 266 continuations of earlier elections. As of December 31, 2022, there were 263 retired State employees utilizing this option. Of these 263 retired employees, 189 employees used the account to pay health insurance premiums and 74 used it for long-term care insurance premiums. Converted values for these employees are deducted from the plan's reserves at the time this option is elected. (Pages 16 and 63)

FUNDING STATUS

- The overall average interest earnings rate on all reserve funds held for the plan was 2.74%. This result reflects a conservative investment strategy involving primarily high-grade corporate bonds invested over several years, reflecting the long-term investment strategy for the plan.
- The plan ended 2022 with funding at 88.5% of liabilities. A schedule of premium rate increases was approved by the Group Insurance Board in August 2019 in order to increase the plan funding level. These future increases are incorporated into the funding level. (Page 17)

LOCAL GOVERNMENT PLAN

PLAN GROWTH

- The plan continued its steady, modest growth. On December 31, 2022, a total of 755 local government employers participated.
- The total number of insured active employees decreased by over 500, while the number of insured retirees increased by almost 1,200. On December 31, 2022, over 74,000 active employees, plus over 50,000 retired employees, were insured under the plan. Total life insurance in force on active employees, retirees, spouses and dependents increased by 1% to \$13.5 billion. (Pages 35 and 41)

CLAIMS

- Claims in 2022 were lower than expected despite the COVID-19 pandemic.
- In 2022, claims for the employee plan were at a similar level as recent years, and lower than expected. (Pages 36, 37, 42 and 43)

- Claims in 2022 on the spouse and dependent plan were slightly below expected. (Page 39)

OTHER BENEFITS

- Retired local employees are allowed to convert the value of their postretirement life insurance to pay health insurance premiums. Usage of this provision among local government retirees has been minimal, as only a small number participate in the Board's health insurance plans. The long-term care insurance plan offered through ETF is not available to local government employees. Only one person used this option during 2022. (Pages 44 and 63)

FUNDING STATUS

- The overall average interest earnings rate on all reserve funds held for the plan was 2.74%. This result reflects a conservative investment strategy involving primarily high-grade corporate bonds invested over several years, reflecting the long-term investment strategy for the plan.
- The plan ended 2022 with funding at 105.8% of liabilities. This funding level reflects a change in the rate hold strategy horizon from 2032 to 2025. (Page 45)

Respectfully submitted,



Susan Munson-Regala, FSA
Vice President and Actuary
Affinity Solutions

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GROUP LIFE INSURANCE PLANS

I. Plan Summary

The group life insurance plan for State of Wisconsin employees began on January 1, 1958; the group life insurance plan for local government employees began on January 1, 1960. These plans provide term life insurance for both active and retired employees. Employees may also insure their spouses and dependent children.

A. State of Wisconsin - Employee Insurance

Both active and retired State employees are eligible for a basic term insurance plan. Employees also receive accidental death and dismemberment insurance equal to their life insurance until age 65. If an insured employee continues in employment, benefits continue beyond age 65 until the earlier of retirement or attainment of age 70. The waiver of premium benefit provides free insurance to disabled employees under age 70.

Insurance for all employees under age 65 and for active employees ages 65 to 69 is equal to earnings under the Wisconsin Retirement System for the previous calendar year rounded to the next higher thousand dollars. At age 65, insurance reduces to 75% of the insurance then in force. At age 66, insurance reduces to 50% of the insurance in force prior to age 65. For active employees over age 65, these reductions are delayed until the earlier of retirement or attainment of age 70. A retired employee retains lifetime coverage in a reduced amount.

A supplemental insurance plan provides added term insurance for active employees equal to 100% of insurance under the basic plan. Prior to April 24, 1990, an employee could alternatively select supplemental insurance equal to 50% of insurance under the basic plan. Employees enrolled under that alternative may maintain that level of coverage. The supplemental insurance terminates on the later of the employee's 65th birthday or retirement but in no event beyond the employee's 70th birthday.

An additional insurance plan offers extra coverage on an employee-pay-all basis. Effective May 1, 1998, an employee may elect up to three units of additional insurance. Each unit provides coverage equal to 100% of insurance under the basic plan. The additional insurance terminates on the later of the employee's 65th birthday or retirement. An employee who continues in active employment beyond age 70 may maintain the additional insurance coverage by continued payment of premiums.

Employees pay premiums to cover the major portion of the cost of the basic and supplemental coverages during active employment. Employees pay premiums to cover the entire cost of the additional insurance. Employee premium rates in effect during 2022 were as shown in the table on the following page.

GROUP LIFE INSURANCE PLANS

Monthly Premium per \$1,000 of Insurance

<u>Attained Age</u>	<u>1-1-2022 through 3-31-2022</u>			<u>4-1-2022 through 12-31-2022</u>		
	<u>Basic</u>	<u>Supplemental</u>	<u>Additional</u>	<u>Basic</u>	<u>Supplemental</u>	<u>Additional</u>
Under 30	\$0.05	\$0.05	\$0.07	\$0.05	\$0.05	\$0.07
30-34	0.05	0.05	0.07	0.05	0.05	0.07
35-39	0.05	0.05	0.07	0.05	0.05	0.07
40-44	0.07	0.07	0.10	0.07	0.07	0.11
45-49	0.12	0.12	0.17	0.12	0.12	0.18
50-54	0.19	0.19	0.28	0.19	0.19	0.29
55-59	0.25	0.25	0.38	0.27	0.27	0.40
60-64	0.35	0.35	0.52	0.36	0.36	0.55
65-69	0.45	0.45	0.66	0.47	0.47	0.69

Post-age 65 retired employees pay no further premiums. The State contributes premiums equal to 65.25% of employee contributions for basic insurance and 37.25% of employee contributions for supplemental insurance. These contributions are allocated to cover the cost of continuing the basic plan after retirement, to cover the State's portion of the cost of the basic and supplemental plans for active employees, and to cover the cost of the employer aviation AD&D insurance.

B. State of Wisconsin - Spouse and Dependent Insurance

The spouse and dependent insurance plan for State employees was introduced in 1981. Insured State employees may purchase life insurance benefits for spouses and dependents. A dependent child is eligible until age 19 or until age 25 as long as the dependent is a full-time student. A physically or mentally disabled dependent may qualify to continue the coverage past age 25. Premiums for this insurance are paid entirely by employees.

An insured employee may elect either one or two units of coverage. Each unit provides \$10,000 of life insurance for an insured spouse and \$5,000 for each insured dependent child. During 2022, the monthly premium was \$2.26 for each unit of coverage.

C. Local Government Employers - Employee Insurance

All three insurance plans are available to employees of local government employers. A local government employer may elect to offer only the basic plan or may offer the basic plan with either or both the supplemental plan and the additional plan. The employer may select a benefit reduction schedule for the basic plan identical to the State plan or a plan with an age 67 benefit reduction to 25% of insurance in force prior to age 65.

GROUP LIFE INSURANCE PLANS

Employees pay premiums to cover the entire cost of basic, supplemental and additional insurance during active employment and while retired and under age 65. Employee premium rates in effect during 2022 were as follows:

Monthly Premium per \$1,000 of Insurance for Basic, Supplemental and Additional

<u>Attained Age</u>	<u>01-01-2022 through 12-31-2022</u>
Under 30	.05
30-34	.06
35-39	.07
40-44	.08
45-49	.12
50-54	.22
55-59	.39
60-64	.49
65-69	.57

The employer's contribution for the basic plan with a 50% ultimate benefit at ages 66 and later is 40% of employee contributions. For the plan with a benefit reduction to 25% at age 67 and later, the contribution is 20% of employee contributions.

D. Local Government Employers - Spouse and Dependent Insurance

The spouse and dependent insurance plan for local government employees was introduced in 1983. The benefits are the same as those under the plan for State employees.

During 1/1/2022 - 6/30/2022, the monthly premium was \$1.75 and during 7/1/2022-12/31/2022 \$1.60 for each unit of coverage.

GROUP LIFE INSURANCE PLANS

E. Funding Status

The cost of insurance for retired employees is funded in advance by employer premium contributions and by dividends from the premiums paid by active employees. Each year the values of the plans' assets are compared to the present values of future benefit liabilities for retired employees and the present values of future benefits in excess of future premiums for active employees. The following table summarizes this comparison as of December 31, 2022:

	State Plan	Local Government Employers Plan
1. Assets		
a. Retiree Premium Deposit Fund	\$303,601,554	\$241,784,227
b. Active Stabilization Reserve Available for Post-Retirement Funding	67,679,831	91,380,015
c. Total	\$371,281,385	\$333,164,242
2. Liabilities		
a. Post-Age 65 Retirees	\$460,579,754	\$281,377,745
b. Pre-Age 65 Retirees	52,601,727	34,998,628
c. Active Employees	(93,449,369)	(1,548,909)
d. Total	\$419,732,112	\$314,827,464
3. Unfunded Accrued Liability (2d - 1c)	\$48,450,727	(\$18,336,778)
4. Total Assets as a Percent of Total Liabilities (1c / 2d)	88.5%	105.8%

F. Underwriters

The group life insurance plan is underwritten by Minnesota Life Insurance Company. With the consent of the Group Insurance Board, the EPIC Life Insurance Company reinsured a portion of the plan during 2022.

G. Financial Basis

The financial agreement between the Group Insurance Board and Minnesota Life establishes the basis for plan finances. All calculations in this policy year report are made in accordance with the financial agreement and amendments approved by the Group Insurance Board.

H. Wisconsin Number of Lives by Age Band

	Active Employees and Retirees Combined	
<u>Age</u>	<u>Local</u>	<u>State</u>
Under 30	9,121	4,418
30 - 34	8,383	5,664
34 - 39	9,491	6,837
40 - 44	10,492	7,268
45 - 49	10,340	6,772
50 - 54	11,491	7,471
55 - 59	11,795	7,683
60 - 64	12,227	8,941
65 - 69	12,283	9,304
70 and over	29,658	21,730
	125,281	86,088

STATE OF WISCONSIN

II. State of Wisconsin Plan - Active Employees*

Report on operations for 2022, the sixty-fifth year of the plan.

A. Employee Coverage

	<u>12-31-2021</u>	<u>12-31-2022</u>
1. Employees Insured for Pre-Retirement Insurance		
Basic Plan	50,355	49,999
Supplemental Plan	34,563	33,894
Additional Plan	24,695	24,157
2. Pre-Retirement Life and AD&D Insurance		
Basic Plan	\$ 3,580,673,000	\$ 3,694,634,000
Supplemental Plan	2,523,970,000	2,577,195,000
Additional Plan	4,272,105,000	4,349,579,000

B. Spouse and Dependent Coverage

1. Employees Insured	23,084	22,810
2. Estimated Spouse and Dependent Life Insurance	\$ 552,305,000	\$ 559,540,000

*The active employee plan financial report includes:

- All active employees at ages under 70.
- All active employees at age 70 and over who continue to participate in the additional life insurance benefit.
- Spouses and dependents of active employees.
- All premium contributions by the State toward the cost of pre-retirement life insurance for active employees.

STATE OF WISCONSIN

C. Premium Summary

Employee Contributions

Basic Plan	\$	6,432,391	
Supplemental Plan		4,583,939	
Additional Plan		11,189,952	
Spouse and Dependent Plan		<u>1,067,672</u>	
			\$ 23,273,954

State Contributions

Basic Plan	\$	2,251,337	
Supplemental Plan		1,604,370	
Basic Aviation AD&D Plan		144,729	
Supplemental Aviation AD&D Plan		<u>103,112</u>	
			\$ <u>4,103,548</u>

Total Premium

\$ 27,377,502

D. Employee Claims

	<u>Basic Plan</u>	<u>Supplemental Plan</u>	<u>Additional Plan</u>	<u>Total</u>
Life	\$ 5,886,559	\$ 4,466,868	\$ 7,810,595	\$ 18,164,022
AD&D	244,859	177,291	267,873	690,023
Living Benefit	107,000	107,000	227,000	441,000
Disability	<u>(581,124)</u>	<u>(418,793)</u>	<u>(521,353)</u>	<u>(1,521,270)</u>
Total	\$ 5,657,294	\$ 4,332,366	\$ 7,784,115	\$ 17,773,775

E. Employer Aviation AD&D Claims

	<u>Basic Plan</u>	<u>Supplemental Plan</u>	<u>Additional Plan</u>	<u>Total</u>
AD&D	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>
Total	\$ 0	\$ 0	\$ 0	\$ 0

F. Spouse and Dependent Claims

	<u>Spouse</u>	<u>Dependent</u>	<u>Total</u>
Life	\$ 751,289	\$ 100,219	\$ 851,508
Living Benefit	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$ 751,289	\$ 100,219	\$ 851,508

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G. Financial Experience - Active Employee Insurance

1. Premium

Employee Contributions	\$	22,206,283	
Employer Contributions		<u>3,855,707</u>	
 Total Premium	 \$		 26,061,990

2. Claim Charges

Death Claims	\$	18,164,022	
AD&D Claims		690,023	
Living Benefit Claims		441,000	
Increase in Disability Claim Reserve		(1,521,270)	
Pooled Claims		(1,152,178)	
Pool Charge		3,308,759	
Conversion Charge		24,000	
Catastrophic Loss Credit		<u>0</u>	
 Total Claim Charges	 \$		 19,954,356

3. Expense Charges

Minnesota Life Expenses	\$	914,996	
Reinsurance Expense		4,127	
Risk Charge		<u>42,265</u>	
 Total Expense Charges	 \$		 961,388

4. Tax Charges

State Premium Tax	\$	521,240	
Federal Income Tax		<u>72,895</u>	
 Total Tax Charges	 \$		 594,135

5. Interest Credits/Charges

On Premium	\$	182,013	
On Disability Claim Reserve		687,627	
On Claims Paid		(94,721)	
On Expense Charges, Pool Charge & Conversion Charge		<u>(34,252)</u>	
 Total Interest Credits/Charges	 \$		 740,667

6. State Internal Administration Expense

\$ 568,140

7. Audit/Consultant Service Charge

\$ 0

8. Contribution to Stabilization Reserve [(1)-(2)-(3)-(4)+(5)-(6)-(7)]

\$ 4,724,638

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H. Reserve Summary

1. Stabilization Reserve

Balance on 12-31-2021	\$	67,611,568
Interest Credit		1,859,123
Contribution on 12-31-2022		4,724,638
Withdrawals on 12-31-2022		<u>0</u>
Balance on 12-31-2022	\$	74,195,329

Interest Rate on Premium Deposit Fund and Stabilization Reserve in 2022 2.75%

I. Stop-Loss Calculation for Active Employee Insurance

Stop-Loss Limit	\$	22,406,676
Claim Charges	\$	20,114,916
Expense Charges		<u>1,482,627</u>
Total Charges	\$	21,597,543
Catastrophic Loss Credit	\$	0

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J. Financial Experience - Employer Aviation AD&D Insurance

1. Premium		\$	247,841
2. Claim Charges			
AD&D Claims	\$	0	
Pooled Claims		0	
Pool Charge		11,990	
Catastrophic Loss Credit		<u>0</u>	
Total Claim Charges		\$	11,990
3. Expense Charges			
Risk Charge	\$	<u>1,673</u>	
Total Expense Charges		\$	1,673
4. Tax Charges			
State Premium Tax	\$	<u>4,957</u>	
Total Tax Charges		\$	4,957
5. Interest Credits/Charges			
On Premium	\$	1,735	
On Claims Paid		0	
On Expense Charges & Tax Charges		<u>(116)</u>	
Total Interest Credits/Charges		\$	1,619
6. Addition to Stabilization Reserve [(1)-(2)-(3)-(4)+(5)]		\$	230,840
7. Stabilization Reserve			
Stabilization Reserve on 12-31-2021		\$	2,138,102
Addition to Reserve on 12-31-2022			230,840
Interest on Stabilization Reserve in 2022			<u>57,978</u>
Stabilization Reserve on 12-31-2022		\$	2,426,920

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K. Financial Experience - Spouse and Dependent Insurance

1. Premium					\$ 1,067,672
2. Claim Charges					
Death Claims	\$	851,508			
Living Benefit Claims		0			
Conversion Charge		12,200			
Catastrophic Loss Credit		<u>0</u>			
Total Claim Charges					\$ 863,708
3. Expense Charges					
Minnesota Life Expenses	\$	21,887			
Risk Charge		<u>2,135</u>			
Total Expense Charges					\$ 24,022
4. Tax Charges					
State Premium Tax	\$	21,353			
Federal Income Tax		<u>1,063</u>			
Total Tax Charges					\$ 22,416
5. Interest Credits/Charges					
On Premium	\$	7,526			
On Claims Paid		(4,265)			
On Expense Charges & Conversion Charge		<u>(1,085)</u>			
Total Interest Credits/Charges					\$ 2,176
6. State Internal Administration Expense					\$ 114,919
7. Audit/Consultant Service Charge					\$ 0
8. Addition to Stabilization Reserve [(1)-(2)-(3)-(4)+(5)-(6)-(7)]					\$ 44,783
9. Stabilization Reserve					
Stabilization Reserve on 12-31-2021					\$ 1,132,675
Addition to Reserve on 12-31-2022					44,783
Interest on Stabilization Reserve in 2022					<u>33,335</u>
Stabilization Reserve on 12-31-2022					\$ 1,210,793

L. Stop-Loss Calculation for Spouse and Dependent Insurance

Stop-Loss Limit					\$ 1,387,974
Claim Charges					863,419
Expense Charges					<u>45,375</u>
Total Charges					\$ 908,794
Catastrophic Loss Credit					\$ 0

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III. State of Wisconsin Plan - Retirees*

Report on operations for 2022, the sixty-fifth year of the plan.

A. Retiree Coverage

	<u>12-31-2021</u>	<u>12-31-2022</u>
1. Retirees Insured for Pre-Age 65 Insurance		
Basic Plan	6,360	6,345
Supplemental Plan	3,820	3,727
Additional Plan	1,992	1,977
2. Pre-Age 65 Life and AD&D Insurance		
Basic Plan	\$ 454,867,000	\$ 469,831,000
Supplemental Plan	266,044,000	267,585,000
Additional Plan	270,982,000	282,308,000
3. Retirees Insured for Post-Age 65 Insurance	28,967	29,744
4. Post-Age 65 Life Insurance	\$ 907,192,500	\$ 946,751,000

*The retiree plan financial report includes:

- All retirees at age 65 and over, and all active employees at age 70 and over, who receive a post-retirement life insurance benefit with no further premium payments.
- All retirees under age 65 who receive post-retirement life insurance benefits based on continued premium payments.
- All funding contributions by the State toward future post-retirement life insurance for currently active employees.

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B. Premium Summary

Pre-Age 65 Retiree Contributions

Basic Plan	\$ 2,208,190	
Supplemental Plan	1,553,779	
Additional Plan	<u>627,720</u>	
		\$ 4,389,689

State Contributions to Premium Deposit Fund \$ 1,801,067

Total Premium \$ 6,190,756

C. Retiree Claims

	<u>Basic Plan</u>	<u>Supplemental Plan</u>	<u>Additional Plan</u>	<u>Total</u>
1. Pre-Age 65 Life and AD&D Insurance				
Life	\$ 2,154,472	\$ 1,316,424	\$ 1,650,902	\$ 5,121,798
AD&D	67,204	67,204	67,204	201,612
Living Benefit	<u>96,000</u>	<u>96,000</u>	<u>288,000</u>	<u>480,000</u>
Total	\$ 2,317,676	\$ 1,479,628	\$ 2,006,106	\$ 5,803,410
2. Post-Age 65 Life Insurance				
Life	\$ 23,240,189			\$ 23,240,189
Living Benefit	<u>0</u>			<u>0</u>
Total	\$ 23,240,189			\$ 23,240,189

STATE OF WISCONSIN

D. Financial Experience - Pre-Age 65 Retiree Insurance

1. Premium

Pre-Age 65 Contributions	\$ 4,389,689	
Withdrawal from Premium Deposit Fund on 12-31-2022	2,047,458	

Total Premium \$ 6,437,147

2. Claim Charges

Death Claims	\$ 5,121,798	
AD&D Claims	201,612	
Living Benefit Claims	480,000	
Pooled Claims	(50,047)	
Pool Charge	202,051	
Conversion Charge	0	
Catastrophic Loss Credit	0	

Total Claim Charges \$ 5,955,414

3. Expense Charges

Minnesota Life Expenses	\$ 217,347	
Reinsurance Expense	980	
Risk Charge	0	

Total Expense Charges \$ 218,327

4. Tax Charges

State Premium Tax	\$ 128,743	
Federal Income Tax	15,295	

Total Tax Charges \$ 144,038

5. Interest Credits/Charges

On Premium	\$ 40,516	
On Claims Paid	(33,237)	
On Expense Charges, Pool Charge & Conversion Charge	(4,292)	

Total Interest Credits/Charges \$ 2,987

6. State Internal Administration Expense \$ 122,355

7. Actuarial Service Charge \$ 0

8. Experience Credit [(1)-(2)-(3)-(4)+(5)-(6)-(7)] \$ 0

The Experience Credit is deposited in the Premium Deposit Fund Reserve.

STATE OF WISCONSIN

E. Financial Experience - Post-Age 65 Retiree Insurance

1. Premium Deposit Fund

Premium Deposit Fund on 12-31-2021	\$	319,937,611
Contributions for Active Employees During 2022		1,801,067
Withdrawal on 12-31-2022 for Pre-Age 65 Retiree Insurance		(2,047,458)
Post-Age 65 Death Claims		(23,240,189)
Minnesota Life Expenses on Post-Age 65 Retiree Death Claims		(374,415)
State Premium Tax		(482,205)
Risk Charge		(13,460)
Withdrawals of Postretirement Life Insurance Values to pay Health and Long-Term Care Insurance Premiums		(732,757)
Interest on Premium Deposit Fund in 2022		<u>8,753,360</u>
Premium Deposit Fund on 12-31-2022	\$	303,601,554
Interest Rate on Premium Deposit Fund Reserve in 2022		2.82%

STATE OF WISCONSIN

F. Summary of Assets and Liabilities for Post-Retirement Benefits on December 31

	<u>2021</u>	<u>2022</u>
1. Assets		
a. Retiree Premium Deposit Fund	\$ 319,937,611	\$ 303,601,554
b. Active Stabilization Reserve Available for Post-Retirement Funding	<u>61,494,794</u>	<u>67,679,831</u>
c. Total	\$ 381,432,405	\$ 371,281,384
2. Liabilities		
a. Post-Age 65 Retirees	\$ 473,789,880	\$ 460,579,754
b. Pre-Age 65 Retirees	57,667,785	52,601,727
c. Active Employees	<u>(84,846,089)</u>	<u>(93,449,369)</u>
d. Total	\$ 446,611,576	\$ 419,732,112
3. Unfunded Accrued Liability [2(d) - 1(c)]	\$ 65,179,171	\$ 48,450,728
4. Total Assets as a Percent of Total Liabilities [1(c)/2(d)]	85.4%	88.5%

Definitions of asset values:

- Retiree Premium Deposit Fund: total retiree premium deposit fund assets
- Active Premium Deposit Fund Available for Post-Retirement Funding: active premium deposit fund assets in excess of the active target reserve level. The target level of active premium deposit fund plus active stabilization reserve equals 25% of active plan premium.
- Active Stabilization Reserve Available for Post-Retirement Funding: active stabilization reserve assets in excess of the active target reserve level. The target level of active premium deposit fund plus active stabilization reserve equals 25% of active plan premium.

Definitions of liability values:

- Post-Age 65 Retirees: present value of future claims
- Pre-Age 65 Retirees: present value of future claims minus present value of future premiums
- Active Employees: present values of future active employment claims and future post-retirement claims for active employees minus present values of future State and employee premium contributions

Funding Assumptions appear on page 61 of this report.

G. Stop-Loss Calculation for Retiree Insurance

Stop-Loss Limit	\$	32,430,658
Claim Charges	\$	29,134,230
Expense Charges		<u>1,217,150</u>
Total Charges	\$	30,351,380
Catastrophic Loss Credit	\$	0

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STATE OF WISCONSIN

IV. Historical Experience

A. Cumulative Financial Experience on Active Employee Insurance - 2008 through 2022

Employee Contributions			\$ 249,305,874
State Contributions			
Basic Plan	\$ 27,032,033		
Supplemental Plan	19,414,227		46,446,260
Total Premium			\$ 295,752,134
Reserve Brought Forward on January 1, 2008			\$ 8,057,225
January 1, 2008 PDF Balance Transferred to Retiree Coverage on December 31, 2020			(8,057,225)
Death Claims	\$ 191,782,753		
AD&D Claims	11,683,343		
Living Benefit Claims	10,360,000		
Increase in Disability Claim Reserve	1,756,979		
Pooled Claims	(5,740,954)		
Pool Charge	20,574,709		
Conversion Charge	269,056		
Catastrophic Loss Credit	0		
Total Claim Charges			\$ 230,685,886
Stabilization Reserve on 12-31-2022	\$ 74,195,329		
Total			\$ 74,195,329
Payments to State			
State Premium Tax	\$ 5,915,044		
State Internal Administration Expense	4,697,803		
Actuarial Service Charge	0		
Audit/Consultant Service Charge	9,177		
Legal Expense	0		
Total			\$ 10,622,024
Excess of Disbursement and Reserves Over Premium and Reserve Brought Forward on January 1, 2008			\$ 19,751,105
Minnesota Life Expenses	\$ 11,485,270		
Reinsurance Expense	49,748		
Risk Charge	265,029		
Federal Income Tax Charge	476,179		
Total	\$ 12,276,226		
Interest Credited to Plan	37,110,424		
Interest Credited to January 1, 2008 PDF Balance Transferred to Retiree Coverage December 31, 2021	(5,083,095)		
Interest Credited to Plan Less Cost			\$ 19,751,105

STATE OF WISCONSIN

B. Historical Statistics - Active Employee Insurance - 2008 and Later

Year	Insurance in Force At End of Year	Employee Contributions	Premium		Total
			State Contributions		
			Basic Plan	Supplemental Premium	
2022	10,621,408,000	\$22,206,283	\$2,251,337	\$1,604,370	\$26,061,990
2021	10,376,748,000	20,823,377	2,123,568	1,520,151	24,467,096
2020	10,142,185,000	19,055,015	1,943,952	1,393,640	22,392,608
2019	9,670,960,000	17,284,982	1,788,907	1,288,307	20,362,196
2018	9,341,170,000	16,651,718	1,733,977	1,249,114	19,634,809
2017	9,292,890,298	15,820,410	1,666,135	1,197,236	18,683,781
2016	8,997,561,000	15,515,646	1,648,564	1,194,245	18,358,455
2015	8,613,537,000	15,275,946	1,647,053	1,198,117	18,121,116
2014	8,452,027,000	14,891,956	1,624,221	1,185,512	17,701,689
2013	8,181,289,000	14,270,577	1,570,301	1,148,173	16,989,051
2008- 2012	7,809,378,000	<u>77,509,964</u>	<u>9,034,018</u>	<u>6,435,362</u>	<u>92,979,344</u>
Totals		\$249,305,874	\$27,032,033	\$19,414,228	\$295,752,135

Claims

Year	Death Losses			Living Benefits	Disability Losses	Total Claims
	Life	AD&D	Total			
2022	\$18,164,022	\$690,023	\$18,854,045	\$441,000	(\$1,521,270)	\$17,773,775
2021	18,072,876	1,358,791	19,431,667	104,000	(563,020)	18,972,647
2020	16,254,580	2,540	16,257,120	1,287,000	(1,761,359)	15,782,761
2019	13,327,309	787,761	14,115,070	755,000	(1,021,803)	13,848,267
2018	12,019,604	1,092,562	13,112,166	945,000	(1,340,768)	12,716,398
2017	12,372,627	736,166	13,108,793	793,000	(954,549)	12,947,244
2016	13,238,707	881,336	14,120,043	835,000	(474,575)	14,480,468
2015	10,437,142	45,440	10,482,582	1,091,000	6,070	11,579,652
2014	9,502,514	1,221,893	10,724,407	767,000	1,512,237	13,003,644
2013	12,685,738	158,866	12,844,604	215,000	322,717	13,382,321
2008- 2012	<u>55,707,634</u>	<u>4,707,965</u>	<u>60,415,599</u>	<u>3,127,000</u>	<u>7,553,299</u>	<u>71,095,898</u>
Totals	\$191,782,753	\$11,683,343	\$203,466,096	\$10,360,000	\$1,756,979	\$215,583,075

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2022	\$17,773,775	\$24,000	(\$1,152,178)	\$3,308,759	\$19,954,356
2021	18,972,647	37,020	(1,912,375)	2,696,057	19,793,349
2020	15,782,761	15,600	(1,292,742)	2,338,360	16,843,979
2019	13,848,267	33,780	13,876	1,940,660	15,836,583
2018	12,716,398	29,296	7,588	1,713,776	14,467,058
2017	12,947,244	7,260	(801,675)	1,483,880	13,636,709
2016	14,480,468	24,000	(96,410)	1,421,117	15,829,175
2015	11,579,652	44,820	(77,934)	1,254,801	12,801,339
2014	13,003,644	30,300	(4,392)	903,382	13,932,934
2013	13,382,321	8,700	(20,911)	731,188	14,101,298
2008- 2012	<u>71,095,898</u>	<u>14,280</u>	<u>(403,801)</u>	<u>2,782,729</u>	<u>73,489,106</u>
Totals	\$215,583,075	\$269,056	(\$5,740,954)	\$20,574,709	\$230,685,886

STATE OF WISCONSIN

B. Historical Statistics - Active Employee Insurance - 2008 and Later (cont'd)

Year	Overhead Cost						State Internal Administration Expense	Audit/ Consultant Charge	Interest Credits/ Charges
	Insurance Company Expense	Reinsurance Expense	Risk Charge	State Premium Tax	Federal Income Tax	Total			
2022	\$914,996	\$4,127	\$42,265	\$521,240	\$72,895	\$1,555,522	\$568,140	\$0	\$53,040
2021	890,111	3,739	54,974	489,342	63,976	1,502,141	468,289	0	9,167
2020	859,426	3,668	50,764	447,852	50,061	1,411,771	541,205	0	9,783
2019	820,639	3,448	0	407,244	35,181	1,266,511	473,583	0	38,985
2018	821,717	3,527	0	392,696	28,872	1,246,812	322,082	0	44,287
2017	781,916	3,355	0	373,676	5,839	1,164,786	204,408	0	42,171
2016	768,301	3,297	0	367,169	5,523	1,144,290	419,785	0	21,443
2015	758,369	3,255	0	362,422	6,885	1,130,931	198,529	0	40,064
2014	740,816	3,179	0	354,034	6,541	1,104,570	515,107	0	40,569
2013	710,992	3,051	0	339,781	3,025	1,056,849	0	0	39,815
2008- 2012	<u>3,417,987</u>	<u>15,102</u>	<u>117,026</u>	<u>1,859,588</u>	<u>197,381</u>	<u>5,607,084</u>	<u>986,675</u>	<u>9,177</u>	<u>570,406</u>
Totals	\$11,485,271	\$49,747	\$265,028	\$5,915,044	\$476,179	\$18,191,268	\$4,697,803	\$9,177	\$909,731

Year	Reserves			
	Disability Reserve	Stabilization Reserve	Premium Deposit Fund	Total
2022	\$22,715,062	\$74,195,329	\$0	\$96,910,391
2021	24,236,332	67,611,568	0	91,847,900
2020	24,799,352	62,611,752	0	87,411,104
2019	26,560,711	56,215,315	0	82,776,026
2018	27,582,514	51,437,096	12,749,998	91,769,608
2017	28,923,282	45,498,726	12,360,619	86,782,627
2016	29,877,831	39,598,519	11,977,289	81,453,639
2015	30,352,406	36,418,539	11,580,344	78,351,289
2014	30,346,336	30,250,604	11,168,671	71,765,611
2013	28,834,099	26,006,603	10,752,168	65,592,870
2012	28,511,382	22,123,903	10,326,781	60,962,066

Year	Interest Credits on Reserves			
	Disability Reserve	Stabilization Reserve	Premium Deposit Fund	Total
2022	\$687,627	\$1,859,123	\$0	\$2,546,750
2021	662,678	1,624,653	0	2,287,331
2020	750,739	1,593,312	0	2,344,051
2019	840,396	1,560,271	390,322	2,790,989
2018	908,254	1,386,972	389,379	2,684,605
2017	947,672	1,232,486	383,330	2,563,488
2016	1,017,821	1,175,511	396,945	2,590,277
2015	1,094,059	1,043,495	411,673	2,549,227
2014	1,105,436	948,918	416,503	2,470,857
2013	1,151,615	860,366	425,387	2,437,368
2008- 2012	<u>6,095,167</u>	<u>2,571,028</u>	<u>2,269,556</u>	<u>10,935,751</u>
Totals	\$15,261,464	\$15,856,135	\$5,083,095	\$36,200,694

STATE OF WISCONSIN

C. Cumulative Financial Experience on Employer Aviation AD&D Insurance - 2011 through 2022

Employer Contribution		\$	2,303,662
AD&D Claims	\$		0
Pooled Claims			0
Pool Charge			145,955
Catastrophic Loss Credit			<u>0</u>
Total Claim Charges		\$	145,955
Stabilization Reserve on 12-31-2022		\$	2,426,920
Payments to State			
State Premium Tax	\$		<u>46,072</u>
Total		\$	46,072
Payment from Stabilization Reserve for Premiums		\$	0
Excess of Disbursement and Reserves over Premium		\$	315,285
Risk Charge	\$		<u>15,549</u>
Total	\$		15,549
Interest Credited to Plan			<u>330,834</u>
Interest Credited to Plan Less Cost		\$	315,285

STATE OF WISCONSIN

D. Historical Statistics - Employer Aviation AD&D Insurance

<u>Year</u>	<u>Employer Contributions</u>	<u>Death Losses</u>	<u>Pooled Claims</u>	<u>Pool Charge</u>	<u>Total Claim Charges</u>
2022	\$247,841	\$0	\$0	\$11,990	\$11,990
2021	234,227	0	0	11,990	11,990
2020	214,566	0	0	11,990	11,990
2019	197,821	0	0	11,990	11,990
2018	191,770	0	0	11,990	11,990
2017	184,074	0	0	11,990	11,990
2016	182,752	0	0	11,990	11,990
2015	182,904	0	0	12,405	12,405
2014	180,626	0	0	12,405	12,405
2013	174,759	0	0	12,405	12,405
2011- 2012	<u>312,322</u>	<u>0</u>	<u>0</u>	<u>24,810</u>	<u>24,810</u>
Totals	\$2,303,662	\$0	\$0	\$145,955	\$145,955

<u>Year</u>	<u>Overhead Cost</u>			
	<u>Risk Charge</u>	<u>Catastrophic</u>	<u>State</u>	<u>Total</u>
		<u>Loss Credit</u>	<u>Premium Tax</u>	
2022	\$1,673	\$0	\$4,957	\$6,630
2021	1,581	0	4,685	6,266
2020	1,448	0	4,291	5,739
2019	1,335	0	3,956	5,291
2018	1,294	0	3,835	5,129
2017	1,242	0	3,681	4,923
2016	1,234	0	3,655	4,889
2015	1,235	0	3,658	4,893
2014	1,219	0	3,613	4,832
2013	1,180	0	3,495	4,675
2011- 2012	<u>2,108</u>	<u>0</u>	<u>6,246</u>	<u>8,354</u>
Totals	\$15,549	\$0	\$46,072	\$61,621

<u>Year</u>	<u>Stabilization Reserve</u>	<u>Interest Credits</u>	
		<u>On Stabilization Reserve</u>	<u>Current Premium Less Charges</u>
2022	\$2,426,920	\$57,978	\$1,619
2021	2,138,102	48,037	303
2020	1,873,791	45,312	278
2019	1,631,364	41,164	1,508
2018	1,408,152	33,704	1,521
2017	1,198,276	27,080	901
2016	1,003,134	22,576	885
2015	813,800	17,961	916
2014	629,317	13,058	902
2013	451,968	8,266	867
2011- 2012	<u>285,156</u>	<u>4,352</u>	<u>1,646</u>
Totals		\$319,488	\$11,346

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STATE OF WISCONSIN

E. Cumulative Financial Experience on Spouse and Dependent Insurance - 1981 through 2022

Employee Contribution		\$ 39,633,028
Death Claims	\$ 36,256,980	
Living Benefit Claims	230,000	
Conversion Charge	296,015	
Catastrophic Loss Credit	<u>(313,347)</u>	
Total Claim Charges		\$ 36,469,648
Stabilization Reserve on 12-31-2022		\$ 1,210,793
Payments to State		
State Premium Tax	\$ 792,660	
State Internal Administration Expense	1,917,104	
Audit/Consultant Service Charge	<u>15,767</u>	
Total		\$ 2,725,531
Payment from Stabilization Reserve for Premiums		\$ 35,399
Excess of Disbursement and Reserves over Premium		\$ 808,343
Minnesota Life Expenses	\$ 729,436	
Risk Charge	72,297	
Federal Income Tax Charge	<u>72,206</u>	
Total	\$ 873,939	
Interest Credited to Plan	<u>1,682,282</u>	
Interest Credited to Plan Less Cost		\$ 808,343

STATE OF WISCONSIN

F. Historical Statistics - Spouse and Dependent Insurance

<u>Year</u>	<u>Employee Contributions</u>	<u>Death Losses</u>	<u>Living Benefits</u>	<u>Conversion Costs</u>	<u>Total Claim Charges</u>
2022	\$1,067,672	\$851,508	\$0	\$12,200	\$863,708
2021	1,089,423	1,061,594	20,000	9,000	1,090,594
2020	1,144,877	1,021,187	0	600	1,021,787
2019	1,223,303	991,595	20,000	1,200	1,012,795
2018	1,225,564	856,527	0	8,100	864,627
2017	1,201,756	841,765	40,000	8,040	889,805
2016	1,193,323	966,262	20,000	13,800	1,000,062
2015	1,204,063	886,808	0	15,600	902,408
2014	1,216,922	1,071,247	20,000	15,120	1,106,367
2013	1,221,519	1,308,985	20,000	5,340	1,334,325
1981- 2012	<u>27,844,606</u>	<u>26,399,502</u>	<u>90,000</u>	<u>207,015</u>	<u>26,696,517</u>
Total	\$39,633,028	\$36,256,980	\$230,000	\$296,015	\$36,782,995

<u>Year</u>	<u>Overhead Cost</u>						<u>State Internal Administration Expense</u>	<u>Audit/ Consultant Charge</u>
	<u>Insurance Company Expense</u>	<u>Risk Charge</u>	<u>Catastrophic Loss Credit</u>	<u>State Premium Tax</u>	<u>Federal Income Tax</u>	<u>Total</u>		
2022	\$21,887	\$2,135	\$0	\$21,353	\$1,063	\$46,438	\$114,919	\$0
2021	22,333	2,179	0	21,788	989	47,289	95,188	0
2020	22,870	2,290	0	22,898	1,146	49,204	109,431	0
2019	22,631	2,447	0	24,466	1,542	51,086	96,329	0
2018	22,673	2,451	0	24,511	1,519	51,154	64,968	0
2017	22,232	2,404	0	24,035	237	48,908	79,932	0
2016	22,076	2,387	0	23,866	335	48,664	91,391	0
2015	22,275	2,408	0	24,081	644	49,408	38,029	0
2014	22,513	2,434	0	24,338	961	50,246	113,603	0
2013	22,598	2,443	0	24,430	1,048	50,519	0	0
1981- 2012	<u>505,348</u>	<u>48,719</u>	<u>(313,347)</u>	<u>556,894</u>	<u>62,722</u>	<u>860,336</u>	<u>1,113,314</u>	<u>15,767</u>
Total	\$729,436	\$72,297	(\$313,347)	\$792,660	\$72,206	\$1,353,252	\$1,917,104	\$15,767

<u>Year</u>	<u>Insurance In Force At End of Year</u>	<u>Stabilization Reserve</u>	<u>Interest Credits</u>	
			<u>On Stabilization Reserve</u>	<u>Current Premium Less Charges</u>
2022	\$559,540,000	\$1,210,793	\$33,335	\$2,176
2021	552,305,000	1,132,675	33,579	435
2020	564,610,000	1,242,309	34,899	372
2019	570,400,000	1,242,583	34,908	1,491
2018	562,535,000	1,143,091	25,132	3,419
2017	559,785,000	869,725	18,037	1,869
2016	568,225,000	666,708	16,601	1,604
2015	566,585,000	595,297	11,647	3,276
2014	570,825,000	366,156	13,328	1,186
2013	562,840,000	404,936	18,683	1,354
1981- 2012	561,610,000	548,224	<u>1,288,882</u>	<u>136,069</u>
Total			\$1,529,031	\$153,251

STATE OF WISCONSIN

G. Cumulative Financial Experience on Retiree Insurance - 2008 through 2022

Retiree Contributions		\$	54,639,661
State Contributions			<u>21,621,831</u>
Total Premium		\$	76,261,492
Reserve Brought Forward on January 1, 2008		\$	329,768,061
January 1, 2008 PDF Balance Transferred from Active Coverage on December 31, 2019			8,057,225
Death Claims	\$		287,167,614
AD&D Claims			1,420,625
Living Benefit Claims			1,437,265
Pooled Claims			(65,054)
Pool Charge			1,685,733
Conversion Charge			0
Catastrophic Loss Credit			<u>0</u>
Total Claim Charges		\$	291,646,183
Premium Deposit Fund on 12-31-2022	\$		<u>303,601,554</u>
Total		\$	303,601,554
Payments to State			
State Premium Tax	\$		6,122,326
State Internal Administration Expense			920,410
Actuarial Service Charge			<u>167,740</u>
Total		\$	7,210,476
Withdrawals of Postretirement Life Insurance Values to Pay Health and Long-Term Care Insurance Premiums		\$	11,572,901
Excess of Disbursement and Reserves Over Premium and Reserve Brought Forward on January 1, 2008		\$	199,944,337
Minnesota Life Expenses	\$		6,671,907
Reinsurance Expense			12,859
Risk Charge			325,078
Federal Income Tax Charge			<u>113,161</u>
Total	\$		7,123,005
Interest Credited to Plan			201,984,247
Interest Credited to January 1, 2008 PDF Balnce Transferred from Active Coverage December 31, 2019			<u>5,083,095</u>
Interest Credited to Plan Less Cost		\$	199,944,337

STATE OF WISCONSIN

H. Historical Statistics - Retiree Insurance - 2008 and Later

Year	Insurance In Force at End of Year		Premium		
	Pre-Age 65	Post-Age 65	Pre-Age 65 Retiree Contributions	State Contributions for Active Employees	Total Premium
	2022	1,019,724,000	946,751,000	\$4,389,689	\$1,801,067
2021	991,893,000	907,192,500	4,058,688	1,699,272	5,757,960
2020	971,304,000	869,042,000	3,890,161	1,555,063	5,445,224
2019	980,933,000	826,410,000	3,693,470	1,431,126	5,124,596
2018	994,025,000	779,130,250	3,606,903	1,387,182	4,994,085
2017	1,001,470,000	735,296,500	3,609,284	1,332,953	4,942,237
2016	1,002,871,000	685,321,832	3,604,916	1,318,862	4,923,778
2015	972,832,000	628,842,832	3,400,362	1,317,549	4,717,911
2014	934,984,000	581,764,582	3,356,082	1,299,230	4,655,312
2013	957,904,000	536,245,750	3,485,410	1,254,575	4,739,985
2008- 2012	1,002,851,000	493,214,250	<u>17,544,696</u>	<u>7,224,952</u>	<u>24,769,648</u>
Totals			\$54,639,661	\$21,621,832	\$76,261,493

Claims

Death Losses

Year	Pre-Age 65 Life	Pre-Age 65 AD&D	Post -Age 65 Life	Total	Pre-Age 65 Living Benefits	Post-Age 65 Living Benefits	Total Claims
2022	\$5,121,798	\$201,612	\$23,240,189	\$28,563,599	\$480,000	\$0	\$29,043,599
2021	3,372,637	0	22,895,356	26,267,993	0	19,500	26,287,493
2020	4,677,891	75,234	22,159,129	26,912,254	45,015	39,500	26,996,769
2019	3,260,680	0	18,643,774	21,904,454	42,000	57,000	22,003,454
2018	4,203,201	43,106	17,130,367	21,376,674	216,000	112,000	21,704,674
2017	2,964,161	0	16,167,529	19,131,690	196,000	60,000	19,387,690
2016	6,569,324	54,024	13,896,647	20,519,995	39,000	0	20,558,995
2015	3,864,466	0	14,179,633	18,044,099	0	20,000	18,064,099
2014	3,740,124	92,172	14,772,467	18,604,763	0	24,500	18,629,263
2013	4,492,915	125,384	12,894,445	17,512,744	0	17,000	17,529,744
2008- 2012	<u>18,539,777</u>	<u>829,093</u>	<u>50,381,104</u>	<u>69,749,974</u>	<u>0</u>	<u>69,750</u>	<u>69,819,724</u>
Totals	\$60,806,974	\$1,420,625	\$226,360,640	\$288,588,239	\$1,018,015	\$419,250	\$290,025,504

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2022	\$29,043,599	\$0	(\$50,047)	\$202,051	\$29,195,603
2021	26,287,493	0	0	161,777	26,449,270
2020	26,996,769	0	0	187,380	27,184,149
2019	22,003,454	0	0	204,951	22,208,405
2018	21,704,674	0	0	149,283	21,853,957
2017	19,387,690	0	0	150,868	19,538,558
2016	20,558,995	0	0	127,215	20,686,210
2015	18,064,099	0	(15,007)	105,318	18,154,410
2014	18,629,263	0	0	91,464	18,720,727
2013	17,529,744	0	0	75,289	17,605,033
2008- 2012	<u>69,819,724</u>	<u>0</u>	<u>0</u>	<u>230,137</u>	<u>70,049,861</u>
Totals	\$290,025,504	\$0	(\$65,054)	\$1,685,733	\$291,646,183

STATE OF WISCONSIN

H. Historical Statistics - Retiree Insurance - 2008 and Later (cont'd)

Year	Overhead Cost						Actuarial Service Charge	State Internal Administration Expense	Interest Credits/Charges
	Insurance Company Expense	Reinsurance Expense	Risk Charge	State Premium Tax	Federal Income Tax	Total			
2022	\$591,761	\$980	\$13,460	\$610,948	\$15,295	\$1,232,445	\$0	\$122,355	\$2,987
2021	574,719	880	12,971	553,997	12,267	1,154,834	0	96,429	568
2020	561,437	892	14,495	568,899	9,826	1,155,549	0	106,001	740
2019	517,526	868	16,075	466,224	7,328	1,008,021	0	93,731	(1,021)
2018	498,296	897	14,903	457,762	6,117	977,975	7,500	53,885	5,184
2017	479,402	888	16,991	410,171	1,135	908,587	21,500	41,662	1,757
2016	447,825	885	19,203	433,427	1,877	903,217	0	85,560	3,637
2015	433,768	847	16,007	380,473	761	831,856	0	40,464	3,064
2014	430,059	836	15,476	393,878	1,385	841,634	36,000	104,989	9,514
2013	407,919	851	14,631	368,093	3,239	794,733	12,000	0	7,098
2008- 2012	<u>1,729,195</u>	<u>4,035</u>	<u>170,866</u>	<u>1,478,454</u>	<u>53,931</u>	<u>3,436,481</u>	<u>90,740</u>	<u>175,334</u>	<u>65,488</u>
Totals	\$6,671,908	\$12,859	\$325,078	\$6,122,326	\$113,161	\$13,245,332	\$167,740	\$920,410	\$99,016

Year	Reserves		
	Contingent Liability Reserve	Premium Deposit Fund	Total
2022	\$0	\$303,601,554	\$303,601,554
2021	0	319,937,611	319,937,611
2020	0	334,053,582	334,053,582
2019	0	348,301,154	348,301,154
2018	0	343,983,569	343,983,569
2017	0	351,972,292	351,972,292
2016	0	357,495,643	357,495,643
2015	0	363,023,352	363,023,352
2014	0	364,891,996	364,891,996
2013	0	366,652,383	366,652,383
2011- 2012	0	\$729,887,667	\$729,887,667

Year	Interest Credits on Reserves			Withdrawals to Pay Health and LTC Premiums
	Contingent Liability Reserve	Premium Deposit Fund	Total	
2022	\$0	\$8,753,360	\$8,753,360	\$732,757
2021	0	8,706,216	8,706,216	880,183
2020	0	9,726,939	9,726,939	974,786
2019	0	10,317,401	10,317,401	953,555
2018	0	10,838,120	10,838,120	932,796
2017	0	11,254,391	11,254,391	1,211,428
2016	0	12,269,121	12,269,121	1,049,258
2015	0	13,290,039	13,290,039	852,928
2014	0	14,036,549	14,036,549	758,413
2013	0	14,923,289	14,923,289	716,230
2008- 2012	<u>1,123,779</u>	<u>86,646,015</u>	<u>87,769,794</u>	<u>2,510,567</u>
Totals	\$1,123,779	\$200,761,440	\$201,885,219	\$11,572,902

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STATE OF WISCONSIN

I. Cumulative Financial Experience on Employee Insurance (Active Employees and Retirees) - 1958 through 2007

Employee Contributions		\$ 304,103,381
State Contributions		
Basic Plan	\$ 82,390,479	
Supplemental Plan	<u>36,340,802</u>	
		<u>118,731,281</u>
Total Premium		\$ 422,834,662
Death Claims	\$ 398,102,916	
AD&D Claims	20,768,912	
Living Benefit Claims	4,066,000	
Increase in Disability Claim Reserve	20,958,083	
Pooled Claims	(119,478)	
Pool Charge	1,065,368	
Conversion Charge	362,072	
Catastrophic Loss Credit	<u>0</u>	
Total Claim Charges		\$ 445,203,873
Contingent Liability Reserve on 12-31-2007	\$ 14,533,673	
Premium Deposit Fund on 12-31-2007	<u>323,291,613</u>	
Total		\$ 337,825,286
Payments to State		
State Premium Tax	\$ 9,230,199	
State Internal Administration Expense	3,885,022	
Actuarial Service Charge	38,388	
Audit/Consultant Service Charge	51,734	
Legal Expense	<u>39,790</u>	
Total		\$ 13,245,133
Payment from Contingent Liability Reserve for Premiums		\$ 3,530,569
Withdrawals of Postretirement Life Insurance Values to Pay Health and Long-Term Care Insurance Premiums		\$ 4,522,251
Excess of Disbursement and Reserves Over Premium		\$ 381,492,450
Minnesota Life Expenses	\$ 10,830,892	
Reinsurance Expense	180,635	
Risk Charge	1,584,835	
Federal Income Tax Charge	<u>971,199</u>	
Total	\$ 13,567,561	
Interest Credited to Plan	<u>395,060,011</u>	
Interest Credited to Plan Less Cost		\$ 381,492,450

STATE OF WISCONSIN

J. Historical Statistics - Active Employee and Retiree Insurance - through 2007

Year	Insurance In Force at End of Year		Year	Employee Contributions	Premium		Total Premium
	Pre-Retirement	Post-Retirement			State Contributions		
					Basic Plan	Supplemental Plan	
2007	7,803,344,000	320,232,500	2007	\$16,156,764	\$2,955,765	\$1,232,334	\$20,344,863
2006	7,329,155,000	295,682,250	2006	14,974,540	2,779,424	1,163,077	18,917,041
2005	6,999,101,000	277,559,750	2005	14,094,642	2,675,764	1,126,915	17,897,321
2004	6,760,990,000	261,620,000	2004	13,436,167	2,609,471	1,103,938	17,149,576
2003	6,377,422,000	248,541,250	2003	13,564,722	2,682,055	1,139,067	17,385,844
2002	6,100,363,000	234,159,250	2002	13,377,914	2,672,759	1,141,597	17,192,270
2001	5,601,752,000	219,827,750	2001	12,057,622	2,448,473	1,054,664	15,560,759
2000	4,965,080,000	207,848,750	2000	10,944,386	2,273,603	985,914	14,203,903
1999	4,593,228,000	195,619,000	1999	10,249,171	2,217,950	941,962	13,409,083
1998	4,252,269,000	184,580,000	1998	10,102,741	2,235,849	970,180	13,308,770
1997	3,681,951,000	176,424,750	1958-1997	<u>175,144,712</u>	<u>56,839,366</u>	<u>25,481,154</u>	<u>257,465,232</u>
			Total	\$304,103,381	\$82,390,479	\$36,340,802	\$422,834,662

Claims

Year	Death Losses				Living Benefits	Disability Losses	Total Claims
	Pre-Retirement Life	Pre-Retirement AD&D	Post-Retirement Life	Total			
2007	\$15,424,394	\$578,367	\$8,774,275	\$24,777,036	\$512,000	\$1,047,671	\$26,336,707
2006	14,953,112	1,119,759	8,480,232	24,553,103	576,000	2,314,751	27,443,854
2005	13,479,300	1,788,385	7,520,973	22,788,658	340,500	2,283,776	25,412,934
2004	13,872,722	940,858	7,554,908	22,368,488	601,500	(602,109)	22,367,879
2003	14,695,689	780,605	6,867,758	22,344,052	488,500	1,435,671	24,268,223
2002	11,458,035	1,041,829	6,811,293	19,311,157	242,500	690,982	20,244,639
2001	10,842,443	469,215	6,156,890	17,468,548	361,500	1,312,119	19,142,167
2000	9,303,701	738,921	6,183,157	16,225,779	166,000	714,191	17,105,970
1999	11,419,416	1,166,970	5,990,105	18,576,491	77,250	672,318	19,326,059
1998	10,449,799	1,216,350	5,146,711	16,812,860	141,000	1,497,976	18,451,836
1958- 1997	<u>152,380,988</u>	<u>10,927,653</u>	<u>50,337,015</u>	<u>213,645,656</u>	<u>559,250</u>	<u>9,590,737</u>	<u>223,795,643</u>
Total	\$278,279,599	\$20,768,912	\$119,823,317	\$418,871,828	\$4,066,000	\$20,958,083	\$443,895,911

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2007	\$26,336,707	\$0	\$0	\$298,751	\$26,635,458
2006	27,443,854	0	0	243,030	27,686,884
2005	25,412,934	0	0	213,495	25,626,429
2004	22,367,879	0	(40,116)	172,047	22,499,810
2003	24,268,223	0	(79,362)	138,045	24,326,906
2002	20,244,639	0	0	0	20,244,639
2001	19,142,167	1,800	0	0	19,143,967
2000	17,105,970	5,400	0	0	17,111,370
1999	19,326,059	14,820	0	0	19,340,879
1998	18,451,836	21,000	0	0	18,472,836
1958- 1997	<u>223,795,643</u>	<u>319,052</u>	<u>0</u>	<u>0</u>	<u>224,114,695</u>
Total	\$443,895,911	\$362,072	(\$119,478)	\$1,065,368	\$445,203,873

STATE OF WISCONSIN

J. Historical Statistics - Active Employee and Retiree Insurance - through 2007 (cont'd)

Year	Overhead Cost						State Administration Expense	Internal Service Charge	Actuarial Consultant Charge	Audit/ Legal Expense	Interest Credits/ Charges
	Insurance Company Expense	Reinsurance Expense	Risk Charge	State Premium Tax	Federal Income Tax	Total					
2007	\$868,193	\$3,255	\$48,189	\$543,582	\$46,634	\$1,509,853	\$249,586	\$23,937	\$0	\$0	\$90,476
2006	810,168	3,027	34,416	566,203	39,071	1,452,885	223,343	0	8,698	0	86,556
2005	761,403	2,864	17,262	523,708	34,781	1,340,018	208,373	0	0	0	99,255
2004	723,308	2,703	0	459,084	33,016	1,218,111	181,758	905	0	39,790	47,974
2003	681,447	3,043	6,533	495,966	42,214	1,229,203	253,423	1,700	18,633	0	83,487
2002	640,332	4,893	60,795	411,517	46,884	1,164,421	150,150	1,745	0	0	46,486
2001	576,218	5,323	56,204	387,097	34,496	1,059,338	107,850	1,650	0	0	67,341
2000	532,568	13,125	52,944	344,786	28,148	971,571	38,008	1,402	8,727	0	53,830
1999	472,366	14,071	26,028	389,658	33,123	935,246	0	1,391	0	0	49,296
1998	414,812	13,309	56,964	375,376	46,762	907,223	137,490	1,153	0	0	94,563
1958- 1997	<u>4,350,077</u>	<u>115,022</u>	<u>1,225,500</u>	<u>4,733,222</u>	<u>586,070</u>	<u>11,009,891</u>	<u>2,335,041</u>	<u>4,505</u>	<u>15,676</u>	<u>0</u>	<u>1,836,172</u>
Total	\$10,830,892	\$180,635	\$1,584,835	\$9,230,199	\$971,199	\$22,797,760	\$3,885,022	\$38,388	\$51,734	\$39,790	\$2,555,436

Year	Reserves			Total
	Disability Reserve	Contingent Liability Reserve	Premium Deposit Fund	
2007	\$20,958,083	\$14,533,673	\$323,291,613	\$358,783,369
2006	19,910,412	22,320,164	303,582,094	345,812,670
2005	17,595,661	29,423,280	288,655,047	335,673,988
2004	15,311,885	35,338,788	273,479,546	324,130,219
2003	15,913,994	40,413,306	256,750,262	313,077,562
2002	14,478,323	44,476,613	241,655,917	300,610,853
2001	13,787,341	48,211,931	223,143,852	285,143,124
2000	12,475,222	50,992,413	206,330,935	269,798,570
1999	11,761,031	53,505,251	189,675,567	254,941,849
1998	11,088,713	55,999,169	177,584,817	244,672,699
1997	9,590,737	57,505,153	166,585,300	233,681,190

Year	Interest Credits on Reserves			Total	Withdrawals to Pay Health and LTC Premiums
	Disability Reserve	Contingent Liability Reserve	Premium Deposit Fund		
2007	\$1,149,269	\$1,305,400	\$17,715,113	\$20,169,782	\$263,259
2006	975,149	1,681,973	16,073,075	18,730,197	538,053
2005	890,137	1,904,463	15,960,456	18,755,056	316,819
2004	937,441	2,796,523	15,200,843	18,934,807	537,217
2003	948,032	3,105,807	15,745,232	19,799,071	407,499
2002	938,590	3,352,789	15,343,979	19,635,358	536,412
2001	890,592	3,621,720	14,805,993	19,318,305	601,165
2000	837,693	3,782,331	13,637,481	18,257,505	241,630
1999	745,309	3,732,430	12,112,018	16,589,757	173,788
1998	653,225	3,848,131	11,326,953	15,828,309	219,407
1958- 1997	<u>10,979,387</u>	<u>81,367,379</u>	<u>114,139,662</u>	<u>206,486,428</u>	<u>687,002</u>
Total	\$19,944,824	\$110,498,946	\$262,060,805	\$392,504,575	\$4,522,251

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WISCONSIN LOCAL GOVERNMENTS

V. Wisconsin Local Government Plan - Active Employees*

Report on operations for 2022, the sixty-third year of the plan.

A. Employee Coverage

	<u>12-31-2021</u>	<u>12-31-2022</u>
1. Employees Insured for Pre-Retirement Insurance (1)		
Basic Plan	75,179	74,611
Supplemental Plan	26,478	26,201
Additional Plan	30,650	30,117
2. Pre-Retirement Life and AD&D Insurance (1)		
Basic Plan	\$ 4,469,257,000	\$ 4,520,989,000
Supplemental Plan	1,691,872,000	1,706,420,000
Additional Plan	4,573,665,000	4,601,256,000

B. Spouse and Dependent Coverage

1. Employees Insured	31,303	30,677
2. Estimated Spouse and Dependent Life Insurance	\$ 758,820,000	\$ 743,055,000

*The active employee plan financial report includes:

- All active employees at ages under 70.
- All active employees at age 70 and over who continue to participate in the additional life insurance benefit.
- Spouses and dependents of active employees.

WISCONSIN LOCAL GOVERNMENTS

C. Premium Summary

Employee Contributions

Basic Plan	\$ 6,934,610	
Supplemental Plan	3,164,165	
Additional Plan	8,420,195	
Spouse and Dependent Plan	<u>1,054,420</u>	
		\$ 19,573,390

Employer Contributions to Premium

Basic Plan	\$ 1,893,567	
Supplemental Plan	<u>22,002</u>	
		<u>1,915,569</u>
Total Premium		\$ 21,488,959

D. Employee Claims

	<u>Basic Plan</u>	<u>Supplemental Plan</u>	<u>Additional Plan</u>	<u>Total</u>
Life	\$ 4,242,283	\$ 1,630,820	\$ 4,463,300	\$ 10,336,403
AD&D	284,659	188,175	438,458	911,292
Living Benefit	217,000	23,000	232,000	472,000
Disability	<u>(212,965)</u>	<u>(60,785)</u>	<u>35,271</u>	<u>(238,479)</u>
Total	\$ 4,530,977	\$ 1,781,210	\$ 5,169,029	\$ 11,481,216

E. Spouse and Dependent Claims

	<u>Spouse</u>	<u>Dependent</u>	
Life	\$ 871,821	\$ 90,670	\$ 962,491
Living Benefit	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$ 871,821	\$ 90,670	\$ 962,491

WISCONSIN LOCAL GOVERNMENTS

F. Financial Experience - Active Employee Insurance

1. Premium

Employee Contributions	\$ 18,518,970	
Employer Contributions	<u>1,915,569</u>	
 Total Premium		 \$ 20,434,539

2. Claim Charges

Death Claims	\$ 10,336,403	
AD&D Claims	911,292	
Living Benefit Claims	472,000	
Pooled Claims	(12,147)	
Pool Charge	408,719	
Increase in Disability Claim Reserve	(238,479)	
Conversion Charge	34,550	
Catastrophic Loss Credit	<u>0</u>	
 Total Claim Charges		 \$ 11,912,338

3. Expense Charges

Minnesota Life Expenses	\$ 1,644,980	
Reinsurance Expense	3,416	
Risk Charge	<u>1,612</u>	
 Total Expense Charges		 \$ 1,650,008

4. Tax Charges

State Premium Tax	\$ 408,691	
Federal Income Tax	<u>41,259</u>	
 Total Tax Charges		 \$ 449,950

5. Interest Credits/Charges

On Premium	\$ 124,661	
On Disability Claim Reserve	596,618	
On Claims Paid	(60,037)	
On Expense Charges, Pool Charge & Conversion Charge	<u>(19,446)</u>	
 Total Interest Credits/Charges		 \$ 641,796

6. State Internal Administration Expense \$ 568,140

7. Audit/Consultant Service Charge \$ 0

8. Contribution to Stabilization Reserve [(1)-(2)-(3)-(4)+(5)-(6)-(7)] \$ 6,495,899

WISCONSIN LOCAL GOVERNMENTS

G. Reserve Summary

2. Stabilization Reserve

Balance on 12-31-2021	\$ 87,580,039
Interest Credit	2,412,712
Contribution on 12-31-2022	6,495,899
Withdrawals on 12-31-2022	<u>0</u>
Balance on 12-31-2022	\$ 96,488,650

Interest Rate on Premium Deposit Fund and Stabilization Reserve in 2022 2.75%

H. Stop-Loss Calculation for Active Employee Insurance

Stop-Loss Limit	\$ 16,404,010
Claim Charges	\$ 11,872,728
Expense Charges	<u>2,058,699</u>
Total Charges	\$ 13,931,427
Catastrophic Loss Credit	\$ 0

WISCONSIN LOCAL GOVERNMENTS

I. Financial Experience - Spouse and Dependent Insurance

1. Premium		\$ 1,054,420
2. Claim Charges		
Death Claims	\$ 962,491	
Living Benefit Claims	0	
Conversion Charge	<u>4,000</u>	
Total Claim Charges		\$ 966,491
3. Expense Charges		
Minnesota Life Expenses	\$ 63,846	
Risk Charge	<u>2,109</u>	
Total Expense Charges		\$ 65,955
4. Tax Charges		
State Premium Tax	\$ 21,088	
Federal Income Tax	<u>1,012</u>	
Total Tax Charges		\$ 22,100
5. Interest Credits/Charges		
On Premium	\$ 6,662	
On Claims Paid	(6,393)	
On Expense Charges & Conversion Charge	<u>(1,294)</u>	
Total Interest Credits/Charges		\$ (1,025)
6. State Internal Administration Expense		\$ 114,919
7. Audit/Consultant Service Charge		\$ 0
8. Addition to Stabilization Reserve [(1)-(2)-(3)-(4)+(5)-(6)-(7)]		\$ (116,070)
9. Stabilization Reserve		
Stabilization Reserve on 12-31-2021		\$ 1,254,525
Addition to Reserve on 12-31-2022		(116,070)
Interest on Stabilization Reserve in 2022		<u>37,055</u>
Stabilization Reserve on 12-31-2022		\$ 1,175,510

J. Stop-Loss Calculation for Spouse and Dependent Insurance

Stop-Loss Limit		\$ 1,528,909
Claim Charges		909,767
Expense Charges		<u>87,044</u>
Total Charges		\$ 996,811
Catastrophic Loss Credit		\$ 0

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WISCONSIN LOCAL GOVERNMENTS

VI. Wisconsin Local Government Plan - Retirees*

Report on operations for 2022, the sixty-third year of the plan.

A. Retiree Coverage

	<u>12-31-2021</u>	<u>12-31-2022</u>
1. Retirees Insured for Pre-Age 65 Insurance		
Basic Plan	9,848	9,901
Supplemental Plan	2,253	2,333
Additional Plan	2,694	2,691
2. Pre-Age 65 Life and AD&D Insurance		
Basic Plan	\$ 677,357,000	\$ 696,280,000
Supplemental Plan	161,495,000	171,421,000
Additional Plan	374,102,000	391,830,000
3. Retirees Insured for Post-Age 65 Insurance	39,633	40,769
4. Post-Age 65 Insurance	\$ 632,119,500	\$ 660,161,000

*The retiree plan financial report includes:

- All retirees at age 65 and over, and all active employees at age 70 and over, who receive a post-retirement life insurance benefit with no further premium payments.
- All retirees under age 65 who receive post-retirement life insurance benefits based on continued premium payments.
- All funding contributions by employers toward future post-retirement life insurance for currently active employees.

WISCONSIN LOCAL GOVERNMENTS

B. Premium Summary

Pre-Age 65 Retiree Contributions

Basic Plan	\$ 4,988,707	
Supplemental Plan	347,401	
Additional Plan	<u>1,045,550</u>	\$ 6,381,658

Employer Contributions to Premium Deposit Fund \$ 2,007,905

Total Premium \$ 8,389,563

C. Retiree Claims

	<u>Basic Plan</u>	<u>Supplemental Plan</u>	<u>Additional Plan</u>	<u>Total</u>
1. Pre-Age 65 Life and AD&D Insurance				
Life	\$ 3,785,714	\$ 866,768	\$ 2,358,086	\$ 7,010,568
AD&D	229,776	69,185	0	298,961
Living Benefit	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$ 4,015,490	\$ 935,953	\$ 2,358,086	\$ 7,309,529
2. Post-Age 65 Life Insurance				
Life	\$ 13,917,279			\$ 13,917,279
Living Benefit	<u>0</u>			<u>0</u>
Total	\$ 13,917,279			\$ 13,917,279

WISCONSIN LOCAL GOVERNMENTS

D. Financial Experience - Pre-Age 65 Retiree Insurance

1. Premium

Pre-Age 65 Contributions	\$ 6,381,658	
Withdrawal from Premium Deposit Fund on 12-31-2022	<u>634,385</u>	
 Total Premium		 \$ 7,016,043

2. Claim Charges

Death Claims	\$ 7,010,568	
AD&D Claims	298,961	
Living Benefit Claims	0	
Pooled Claims	(170,107)	
Pool Charge	72,430	
Conversion Charge	0	
Catastrophic Loss Credit	<u>(1,203,532)</u>	
 Total Claim Charges		 \$ 6,008,320

3. Expense Charges

Minnesota Life Expenses	\$ 675,360	
Reinsurance Expense	1,403	
Risk Charge	<u>9,315</u>	
 Total Expense Charges		 \$ 686,078

4. Tax Charges

State Premium Tax	\$ 140,321	
Federal Income Tax	<u>16,905</u>	
 Total Tax Charges		 \$ 157,226

5. Interest Credits/Charges

On Premium	\$ 45,355	
On Claims Paid	(35,585)	
On Expense Charges, Pool Charge & Conversion Charge	<u>(6,770)</u>	
 Total Interest Credits/Charges		 \$ 3,000

6. State Internal Administration Expense \$ 167,419

7. Actuarial Service Charge \$ 0

8. Experience Credit [(1)-(2)-(3)-(4)+(5)-(6)-(7)] \$ 0

The Experience Credit is deposited in the Premium Deposit Fund Reserve.

WISCONSIN LOCAL GOVERNMENTS

E. Financial Experience - Post-Age 65 Retiree Insurance

1. Premium Deposit Fund

Premium Deposit Fund on 12-31-2021	\$ 248,342,577
Contributions for Active Employees During 2022	2,007,905
Withdrawals on 12-31-2022 for Pre-Age 65 Retiree Insurance	(634,385)
Post-Age 65 Death Claims	(13,917,279)
Minnesota Life Expenses on Post-Age 65 Retiree Death Claims	(476,394)
State Premium Tax	(293,863)
Risk Charge	(5,608)
Withdrawals of Postretirement Life Insurance Values to pay Health and Long-Term Care Insurance Premiums	0
Interest on Premium Deposit Fund in 2022	6,761,274
Premium Deposit Fund on 12-31-2022	\$ 241,784,227

Interest Rate on Premium Deposit Fund Reserve in 2022	2.77%
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WISCONSIN LOCAL GOVERNMENTS

F. Summary of Assets and Liabilities for Post-Retirement Benefits on December 31

	<u>2021</u>	<u>2022</u>
1. Assets		
a. Retiree Premium Deposit Fund	\$ 248,342,577	\$ 241,784,227
b. Active Stabilization Reserve Available for Post-Retirement Funding	<u>82,482,753</u>	<u>91,380,015</u>
c. Total	\$ 330,825,330	\$ 333,164,242
2. Liabilities		
a. Post-Age 65 Retirees	\$ 281,289,102	\$ 281,377,745
b. Pre-Age 65 Retirees	36,496,036	34,998,628
c. Active Employees	<u>(36,184,586)</u>	<u>(1,548,909)</u>
d. Total	\$ 281,600,552	\$ 314,827,464
3. Unfunded Accrued Liability [2(d) - 1(c)]	\$ (49,224,778)	\$ (18,336,778)
4. Total Assets as a Percent of Total Liabilities [1(c)/2(d)]	117.5%	105.8%

Definitions of asset values:

- Retiree Premium Deposit Fund: total retiree premium deposit fund assets
- Active Premium Deposit Fund Available for Post-Retirement Funding: active premium deposit fund assets in excess of the active target reserve level. The target level of active premium deposit fund plus active stabilization reserve equals 25% of active plan premium.
- Active Stabilization Reserve Available for Post-Retirement Funding: active stabilization reserve assets in excess of the active target reserve level. The target level of active premium deposit fund plus active stabilization reserve equals 25% of active plan premium.

Definitions of liability values:

- Post-Age 65 Retirees: present value of future claims
- Pre-Age 65 Retirees: present value of future claims minus present value of future premiums
- Active Employees: present values of future active employment claims and future post-retirement claims for active employees minus present values of future State and employee premium contributions

Funding Assumptions appear on page 61 of this report.

G. Stop-Loss Calculation for Retiree Insurance

Stop-Loss Limit	\$ 21,728,821	
Claim Charges	\$ 21,342,778	
Expense Charges	<u>1,589,575</u>	
Total Charges	\$ 22,932,353	
Catastrophic Loss Credit	\$ 1,203,532	

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WISCONSIN LOCAL GOVERNMENTS

VII. Historical Experience

A. Cumulative Financial Experience on Active Employee Insurance - 2008 through 2022

Employee Contributions		\$	251,706,515
Employer Contributions			<u>24,384,768</u>
Total Premium		\$	276,091,283
Reserve Brought Forward on January 1, 2008		\$	7,995,249
January 1, 2008 PDF Balance Transferred to Retiree Coverage on December 31, 2019			(7,995,249)
Death Claims	\$		151,152,727
AD&D Claims			12,902,058
Living Benefit Claims			8,926,500
Increase in Disability Claim Reserve			3,703,150
Pooled Claims			(878,773)
Pool Charge			2,336,054
Conversion Charge			182,630
Catastrophic Loss Credit			<u>0</u>
Total Claim Charges		\$	178,324,346
Stabilization Reserve on 12-31-2022	\$		<u>96,488,650</u>
Total		\$	96,488,650
Payments to State			
State Premium Tax	\$		5,521,827
State Internal Administration Expense			4,697,801
Actuarial Service Charge			0
Audit/Consultant Service Charge			13,444
Research Survey Cost			<u>0</u>
Total		\$	10,233,073
Excess of Disbursement and Reserves Over Premium and Reserve Brought Forward on January 1, 2008		\$	8,954,786
Minnesota Life Expenses	\$		21,557,655
Reinsurance Expense			47,642
Risk Charge			145,272
Catastrophic Loss			0
Federal Income Tax Charge			<u>431,302</u>
Total	\$		22,181,871
Interest Credited to Plan			36,086,034
Interest Credited to January 1, 2008 PDF Balnce Transferred to Retiree Coverage December 31, 2019			<u>(4,949,377)</u>
Interest Credited to Plan Less Cost		\$	8,954,786

WISCONSIN LOCAL GOVERNMENTS

B. Historical Statistics - Active Employee Insurance - 2008 and Later

Year	Insurance in Force at End of Year	Premium		
		Employee Contributions	Employer Contributions	Total Premium
2022	\$10,828,665,000	\$18,518,970	\$1,915,569	\$20,434,539
2021	10,734,794,000	18,483,368	1,905,777	20,389,145
2020	10,495,298,000	18,177,079	1,859,636	20,036,715
2019	10,474,589,918	17,717,538	1,823,457	19,540,995
2018	10,153,841,000	17,275,024	1,806,763	19,081,787
2017	9,966,980,000	16,916,303	1,803,431	18,719,734
2016	9,794,200,000	16,642,233	1,719,771	18,362,004
2015	9,368,725,000	16,019,705	1,694,114	17,713,819
2014	9,071,624,000	15,627,511	1,557,078	17,184,589
2013	8,808,111,000	15,302,736	1,537,139	16,839,875
2008- 2012	8,309,500,000	<u>81,026,048</u>	<u>6,762,033</u>	<u>87,788,081</u>
Totals		\$251,706,514	\$24,384,768	\$276,091,282

Claims

Year	Death Losses			Living Benefits	Disability Losses	Total Claims
	Life	AD&D	Total			
2022	\$10,336,403	\$911,292	\$11,247,695	\$472,000	(\$238,479)	\$11,481,216
2021	12,301,680	1,303,413	13,605,092	351,500	(251,044)	\$13,705,548
2020	12,394,657	1,394,169	13,788,826	779,000	(1,531,468)	\$13,036,358
2019	11,661,267	667,642	12,328,909	706,000	(1,222,187)	11,812,722
2018	9,035,682	993,149	10,028,831	886,000	(1,135,707)	9,779,124
2017	9,206,218	428,077	9,634,295	705,000	(245,498)	10,093,797
2016	7,741,046	545,761	8,286,807	469,000	1,245,097	10,000,904
2015	10,735,324	928,547	11,663,871	1,155,000	610,935	13,429,806
2014	9,319,278	841,742	10,161,020	908,000	1,484,178	12,553,198
2013	10,259,826	1,040,611	11,300,437	0	6,079	11,306,516
2008- 2012	<u>48,161,346</u>	<u>3,847,655</u>	<u>52,009,001</u>	<u>2,495,000</u>	<u>4,981,244</u>	<u>59,485,245</u>
Totals	\$151,152,726	\$12,902,058	\$164,054,784	\$8,926,500	\$3,703,150	\$176,684,434

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2022	\$11,481,216	\$34,550	(\$12,147)	\$408,719	\$11,912,338
2021	13,705,548	1,500	(416,925)	380,530	13,670,653
2020	13,036,358	30,660	(278,229)	300,324	13,089,113
2019	11,812,722	3,900	1,102	236,740	12,054,464
2018	9,779,124	2,940	(23,449)	194,997	9,953,612
2017	10,093,797	9,000	(12,352)	168,914	10,259,359
2016	10,000,904	10,920	171	146,140	10,158,135
2015	13,429,806	26,100	(54,822)	122,637	13,523,721
2014	12,553,198	0	387	84,519	12,638,104
2013	11,306,516	600	(2,331)	73,447	11,378,232
2008- 2012	<u>59,485,245</u>	<u>62,460</u>	<u>(80,178)</u>	<u>219,087</u>	<u>59,686,614</u>
	\$176,684,434	\$182,630	(\$878,773)	\$2,336,054	\$178,324,345

WISCONSIN LOCAL GOVERNMENTS

B. Historical Statistics - Active Employee Insurance - 2008 and Later (cont'd)

Overhead Costs									
Year	Insurance Company Expense	Reinsurance Expense	Risk Charge	State Premium Tax	Federal Income Tax	Total	State Internal Administration Expense	Audit/ Consultant Service Charge	Interest Credits/ Charges
2022	\$1,644,980	\$3,416	\$1,612	\$408,691	\$41,259	\$2,099,958	\$568,140	\$0	\$45,178
2021	1,638,472	3,633	0	407,783	40,215	2,090,103	468,289	0	8,639
2020	1,610,150	3,570	17,618	400,734	36,773	2,068,846	541,205	0	11,100
2019	1,570,314	3,482	16,302	390,820	32,372	2,013,290	473,583	0	80,548
2018	1,533,412	3,400	12,853	381,636	28,089	1,959,390	322,081	0	63,253
2017	1,504,318	3,335	12,699	374,395	11,793	1,906,540	204,407	0	51,244
2016	1,475,571	3,272	3,382	367,240	11,411	1,860,876	419,785	0	55,218
2015	1,423,482	3,156	0	354,276	8,548	1,789,462	198,529	0	38,566
2014	1,380,953	3,061	0	343,692	7,381	1,735,087	515,107	0	44,679
2013	1,321,269	2,890	0	336,798	8,552	1,669,509	0	0	47,584
2008- 2012	<u>6,454,734</u>	<u>14,427</u>	<u>80,806</u>	<u>1,755,762</u>	<u>204,909</u>	<u>8,510,638</u>	<u>986,675</u>	<u>13,444</u>	<u>514,838</u>
Totals	\$21,557,656	\$47,642	\$145,271	\$5,521,827	\$431,302	\$27,703,698	\$4,697,801	\$13,444	\$960,846

Reserves				
Year	Disability Reserve	Stabilization Reserve	Premium Deposit Fund	Total
2022	\$20,854,298	\$96,488,650	\$0	\$117,342,948
2021	21,092,777	87,580,039	0	108,672,815
2020	21,343,821	80,744,965	0	102,088,785
2019	22,875,289	73,687,650	0	96,562,938
2018	24,097,476	65,914,410	12,564,716	102,576,602
2017	25,233,183	56,550,484	12,191,042	93,974,709
2016	25,478,681	47,954,165	11,825,627	85,258,473
2015	24,233,584	39,938,189	11,446,930	75,618,703
2014	23,622,649	35,701,886	11,053,067	70,377,602
2013	22,138,471	31,467,384	10,651,475	64,257,330
2012	22,132,392	25,834,701	10,238,389	58,205,482

Interest Credits on Reserves				
Year	Disability Reserve	Stabilization Reserve	Premium Deposit Fund	Total
2022	\$596,618	\$2,412,712	\$0	\$3,009,330
2021	568,583	2,097,753	0	2,666,336
2020	641,708	2,066,956	0	2,708,664
2019	723,685	1,969,349	379,910	3,072,944
2018	776,944	1,677,025	373,674	2,827,643
2017	785,232	1,410,415	365,415	2,561,062
2016	804,797	1,232,753	378,697	2,416,247
2015	845,921	1,149,709	393,863	2,389,493
2014	842,622	1,050,910	401,592	2,295,124
2013	887,019	905,946	413,086	2,206,051
2008- 2012	<u>4,791,891</u>	<u>1,937,262</u>	<u>2,243,140</u>	<u>8,972,293</u>
Totals	\$12,265,020	\$17,910,790	\$4,949,377	\$35,125,187

WISCONSIN LOCAL GOVERNMENTS

C. Cumulative Financial Experience on Spouse and Dependent Insurance - 1983 through 2022

Employee Contribution		\$	48,590,461
Death Claims	\$ 44,900,450		
Living Benefit Claims	235,000		
Conversion Charge	<u>357,565</u>		
Total Claim Charges		\$	45,493,015
Stabilization Reserve on 12-31-2022		\$	1,175,510
Payments to State			
State Premium Tax	\$ 971,810		
State Internal Administration Expense	1,861,781		
Audit/Consultant Service Charge	<u>16,000</u>		
Total		\$	2,849,591
Payment from Stabilization Reserve for Premiums		\$	41,392
Excess of Disbursement and Reserves over Premium		\$	969,047
Minnesota Life Expenses	\$ 2,152,981		
Risk Charge	91,457		
Federal Income Tax Charge	<u>72,017</u>		
Total	\$ 2,316,455		
Interest Credited to Plan	<u>3,285,502</u>		
Interest Credited to Plan Less Cost		\$	969,047

WISCONSIN LOCAL GOVERNMENTS

D. Historical Statistics - Spouse and Dependent Insurance

<u>Year</u>	<u>Employee Contributions</u>	<u>Death Losses</u>	<u>Living Benefits</u>	<u>Conversion Costs</u>	<u>Total Claim Charges</u>
2022	\$1,054,420	\$962,491	\$0	\$4,000	\$966,491
2021	1,134,421	1,096,916	0	4,800	1,101,716
2020	1,165,393	1,227,077	0	5,340	1,232,417
2019	1,175,804	886,622	0	4,980	891,602
2018	1,171,614	1,000,074	0	6,300	1,006,374
2017	1,184,896	1,030,967	0	4,800	1,035,767
2016	1,191,484	1,202,132	20,000	4,200	1,226,332
2015	1,196,318	1,051,479	10,000	4,500	1,065,979
2014	1,208,721	1,245,796	20,000	2,700	1,268,496
2013	1,216,332	1,330,896	20,000	2,160	1,353,056
1983- 2012	<u>36,891,058</u>	<u>33,866,000</u>	<u>165,000</u>	<u>313,785</u>	<u>34,344,785</u>
Total	\$48,590,462	\$44,900,450	\$235,000	\$357,565	\$45,493,015

<u>Year</u>	<u>Overhead Cost</u>					<u>State Internal Administration Expense</u>	<u>Audit/ Consultant Charge</u>
	<u>Insurance Company Expense</u>	<u>Risk Charge</u>	<u>State Premium Tax</u>	<u>Federal Income Tax</u>	<u>Total</u>		
2022	\$63,846	\$2,109	\$21,088	\$1,012	\$88,056	\$114,919	\$0
2021	60,124	2,269	22,688	1,314	86,396	95,188	0
2020	61,766	2,331	23,308	1,298	88,703	109,430	0
2019	62,318	2,352	23,516	1,148	89,333	96,328	0
2018	62,096	2,343	23,432	900	88,771	64,968	0
2017	62,799	2,370	23,698	(913)	87,954	79,932	0
2016	63,149	2,383	23,830	(1,140)	88,222	91,392	0
2015	63,405	2,393	23,926	(1,408)	88,316	38,028	0
2014	64,062	2,417	24,174	(1,569)	89,084	113,603	0
2013	64,466	2,433	24,327	(1,756)	89,470	0	0
1983- 2012	<u>1,524,950</u>	<u>68,057</u>	<u>737,823</u>	<u>73,131</u>	<u>2,403,961</u>	<u>1,057,993</u>	<u>16,000</u>
Total	\$2,152,981	\$91,456	\$971,811	\$72,017	\$3,288,265	\$1,861,781	\$16,000

<u>Year</u>	<u>Insurance In Force At End of Year</u>	<u>Stabilization Reserve</u>	<u>Interest Credits</u>	
			<u>On Stabilization Reserve</u>	<u>Current Premium Less Charges</u>
2022	\$743,055,000	\$1,175,510	\$37,055	(\$1,025)
2021	758,820,000	1,254,525	37,790	78
2020	775,685,000	1,365,535	44,264	146
2019	790,590,000	1,586,282	44,014	3,022
2018	796,730,000	1,440,706	42,538	2,706
2017	795,935,000	1,383,961	42,135	1,100
2016	803,760,000	1,359,483	49,746	346
2015	807,400,000	1,523,853	55,221	1,827
2014	805,950,000	1,462,810	65,312	185
2013	810,265,000	1,659,775	76,939	1,253
1983- 2012	819,980,000	1,807,777	<u>2,524,920</u>	<u>255,930</u>
Total			\$3,019,934	\$265,568

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WISCONSIN LOCAL GOVERNMENTS

E. Cumulative Financial Experience on Retiree Insurance - 2008 through 2022

Retiree Contributions		\$	80,427,536
Employer Contributions			<u>28,400,199</u>
Total Premium		\$	108,827,735
Reserve Brought Forward on January 1, 2008		\$	208,679,884
January 1, 2008 PDF Balance Transferred from Active Coverage on December 31, 2019			7,995,249
Death Claims	\$		200,817,984
AD&D Claims			3,611,915
Living Benefit Claims			480,000
Pooled Claims			(170,107)
Pool Charge			344,160
Conversion Charge			0
Catastrophic Loss Credit			<u>(1,203,532)</u>
Total Claim Charges		\$	203,880,420
Premium Deposit Fund on 12-31-2022	\$		<u>241,784,227</u>
Total		\$	241,784,227
Payments to State			
State Premium Tax	\$		4,493,644
State Internal Administration Expense			1,248,749
Actuarial Service Charge			144,870
Audit/Consultant Service Charge			0
Research Survey Cost			0
Total		\$	<u>5,887,263</u>
Withdrawals of Postretirement Life Insurance Values to Pay Health Insurance Premiums		\$	24,311
Excess of Disbursement and Reserves Over Premium and Reserve Brought Forward on January 1, 2008		\$	126,073,350
Minnesota Life Expenses	\$		13,105,420
Reinsurance Expense			18,812
Risk Charge			204,520
Federal Income Tax Charge			<u>245,042</u>
Total	\$		13,573,793
Interest Credited to Plan			134,697,764
Interest Credited to January 1, 2008 PDF Balance Transferred from Active Coverage December 31, 2019			<u>4,949,377</u>
Interest Credited to Plan Less Cost		\$	126,073,350

WISCONSIN LOCAL GOVERNMENTS

F. Historical Statistics - Retiree Insurance - 2008 and Later

Year	Insurance In Force at End of Year		Pre-Age 65 Retiree Contributions	PDF Contributions	Total Premium
	Pre-Age 65	Post-Age 65			
2022	1,259,531,000	660,161,000	\$6,381,658	\$2,007,905	\$8,389,563
2021	1,212,954,000	632,119,500	6,174,382	2,040,515	8,214,897
2020	1,165,994,000	600,924,000	5,961,196	1,997,499	7,958,695
2019	1,226,602,000	569,561,000	5,899,468	1,962,963	7,862,431
2018	1,187,981,000	537,174,500	5,775,013	1,926,713	7,701,726
2017	1,145,345,093	509,135,750	5,701,145	1,899,029	7,600,174
2016	1,141,194,000	472,046,250	5,718,247	1,874,958	7,593,205
2015	1,112,234,000	433,244,500	5,509,597	1,818,885	7,328,482
2014	1,090,809,000	401,638,500	5,459,554	1,776,490	7,236,044
2013	1,090,977,000	369,512,250	5,505,225	1,743,698	7,248,923
2008- 2012	1,020,957,000	339,426,250	<u>22,342,051</u>	<u>9,351,544</u>	<u>31,693,595</u>
Totals			\$80,427,536	\$28,400,199	\$108,827,735

Claims

Year	Death Losses				Pre-Age 65 Living Benefits	Post-Age 65 Living Benefits	Total Claims
	Pre-Age 65 Life	Pre-Age 65 AD&D	Post -Age 65 Life	Total			
2022	\$7,010,568	\$298,961	\$13,917,279	\$21,226,808	\$0	\$0	\$21,226,808
2021	3,294,872	350,106	12,649,912	16,294,890	0	0	16,294,890
2020	5,115,245	156,860	13,205,036	18,477,141	0	36,000	18,513,141
2019	3,974,736	(7,049)	11,000,491	14,968,178	0	20,000	14,988,178
2018	3,289,712	0	9,705,496	12,995,208	130,000	18,750	13,143,958
2017	3,639,854	58,362	8,993,031	12,691,247	59,000	0	12,750,247
2016	5,475,274	196,502	8,954,073	14,625,849	0	14,750	14,640,599
2015	5,446,127	295,595	8,624,236	14,365,958	0	80,750	14,446,708
2014	3,875,731	626,749	7,337,281	11,839,761	0	0	11,839,761
2013	4,196,353	264,010	7,415,466	11,875,829	0	17,250	11,893,079
2008- 2012	<u>25,037,881</u>	<u>1,371,819</u>	<u>28,659,330</u>	<u>55,069,030</u>	<u>0</u>	<u>103,500</u>	<u>55,172,530</u>
Totals	\$70,356,353	\$3,611,915	\$130,461,631	\$204,429,899	\$189,000	\$291,000	\$204,909,899

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2022	\$21,226,808	\$0	(\$170,107)	\$72,430	\$21,129,131
2021	16,294,890	0	0	56,026	16,350,916
2020	18,513,141	0	0	41,517	18,554,658
2019	14,988,178	0	0	36,088	15,024,266
2018	13,143,958	0	0	30,307	13,174,265
2017	12,750,247	0	0	23,422	12,773,669
2016	14,640,599	0	0	21,229	14,661,828
2015	14,446,708	0	0	16,096	14,462,804
2014	11,839,761	0	0	13,199	11,852,960
2013	11,893,079	0	0	7,732	11,900,811
2008- 2012	<u>55,172,530</u>	<u>0</u>	<u>0</u>	<u>26,114</u>	<u>55,198,644</u>
Totals	\$204,909,899	\$0	(\$170,107)	\$344,160	\$205,083,952

WISCONSIN LOCAL GOVERNMENTS

F. Historical Statistics - Retiree Insurance - 2008 and Later (cont'd)

Year	Overhead Cost						State Internal Administration Expense	Actuarial Service Charge	Interest Credits/Charges
	Insurance Company Expense	Reinsurance Expense	Risk Charge	State Premium Tax	Federal Income Tax	Total			
2022	\$1,151,754	\$1,403	\$14,924	\$434,184	\$16,905	\$1,619,169	\$167,419	\$0	\$3,000
2021	1,102,783	1,464	15,631	359,289	15,622	1,494,789	131,601	0	3,474
2020	1,084,659	1,417	(8,399)	403,857	13,974	1,495,508	144,935	0	2,227
2019	1,023,103	1,401	14,202	330,303	13,449	1,382,457	126,424	0	18,006
2018	974,548	1,372	14,135	290,736	12,948	1,293,739	72,304	7,500	11,070
2017	943,351	1,354	8,248	304,493	10,699	1,268,145	56,360	21,500	13,003
2016	931,180	1,353	13,552	321,065	13,350	1,280,500	115,745	0	4,841
2015	892,989	1,306	10,572	314,850	13,478	1,233,195	54,740	0	8,231
2014	848,726	1,289	6,425	264,516	15,675	1,136,631	142,028	36,000	11,667
2013	828,185	1,244	20,021	267,149	19,318	1,135,917	0	12,000	11,576
2008-2012	<u>3,324,142</u>	<u>5,209</u>	<u>95,209</u>	<u>1,203,202</u>	<u>99,624</u>	<u>4,727,386</u>	<u>237,193</u>	<u>67,870</u>	<u>59,076</u>
Totals	\$13,105,420	\$18,812	\$204,519	\$4,493,644	\$245,042	\$18,067,437	\$1,248,749	\$144,870	\$146,171

Year	Reserves		
	Contingent Liability Reserve	Premium Deposit Fund	Total
2022	\$0	\$241,784,227	\$241,784,227
2021	0	248,342,577	248,342,577
2020	0	251,515,147	251,516,726
2019	13,098,188	243,459,750	256,557,937
2018	23,082,838	221,815,396	244,898,234
2017	30,918,590	213,312,700	244,231,290
2016	38,097,058	205,048,477	243,145,535
2015	45,987,286	197,480,756	243,468,042
2014	53,223,215	189,909,860	243,133,075
2013	58,638,249	181,280,272	239,918,521
2012	63,563,611	172,545,902	236,109,513

Year	Interest Credits on Reserves			Withdrawals to Pay Health and LTC Premiums
	Contingent Liability Reserve	Premium Deposit Fund	Total	
2022	\$0	\$6,761,274	\$6,761,274	\$0
2021	0	6,586,364	6,586,364	0
2020	322,313	6,870,654	7,192,967	0
2019	631,023	6,736,764	7,367,787	0
2018	925,973	6,575,983	7,501,956	0
2017	1,227,058	6,365,194	7,592,252	0
2016	1,597,091	6,550,796	8,147,887	10,368
2015	1,963,438	6,785,555	8,748,993	0
2014	2,281,364	6,863,358	9,144,722	10,260
2013	2,606,565	6,990,672	9,597,237	0
2008-2012	<u>18,264,760</u>	<u>37,646,974</u>	<u>55,911,734</u>	<u>3,683</u>
Totals	\$29,819,584	\$104,733,588	\$134,553,172	\$24,311

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WISCONSIN LOCAL GOVERNMENTS

G. Cumulative Financial Experience on Employee Insurance (Active Employees and Retirees) - 1960 through 2007

Employee Contributions		\$ 247,240,031
Employer Contributions		
Premium Credited to Plan	\$ 34,214,362	
Premium Deposit Fund	<u>35,774,042</u>	
		<u>69,988,404</u>
Total Premium		\$ 317,228,435
Death Claims	\$ 273,752,066	
AD&D Claims	16,867,867	
Living Benefit Claims	3,510,750	
Increase in Disability Claim Reserve	17,151,148	
Pooled Claims	0	
Pool Charge	99,732	
Conversion Charge	338,490	
Catastrophic Loss Credit	<u>(178,106)</u>	
Total Claim Charges		\$ 311,541,947
Contingent Liability Reserve on 12-31-2007	\$ 75,683,793	
Premium Deposit Fund on 12-31-2007	<u>140,991,340</u>	
Total		\$ 216,675,133
Payments to State		
State Premium Tax	\$ 6,679,342	
State Internal Administration Expense	3,892,703	
Actuarial Service Charge	38,388	
Audit/Consultant Service Charge	51,735	
Research Survey Cost	<u>10,520</u>	
Total		\$ 10,672,688
Payment from Contingent Liability Reserve for Premiums		\$ 1,883,923
Withdrawals of Postretirement Life Insurance Values to Pay Health Insurance Premiums		\$ 56,310
Excess of Disbursement and Reserves Over Premium		\$ 223,601,566
Minnesota Life Expenses	\$ 18,448,064	
Reinsurance Expense	131,816	
Risk Charge	1,357,265	
Catastrophic Loss	178,106	
Federal Income Tax Charge	<u>952,651</u>	
Total	\$ 21,067,902	
Interest Credited to Plan	<u>244,669,468</u>	
Interest Credited to Plan Less Cost		\$ 223,601,566

WISCONSIN LOCAL GOVERNMENTS

H. Historical Statistics - Active Employee and Retiree Insurance - through 2007

Year	Insurance In Force at End of Year		Year	Premium			Total Premium
	Pre-Retirement	Post-Retirement		Employee Contributions	Employer Contributions	Employer PDF Contributions	
2007	\$8,106,420,000	\$209,309,500	2007	\$18,514,622	\$1,104,737	\$1,732,601	\$21,351,960
2006	7,605,139,000	190,202,187	2006	16,955,065	950,272	1,610,684	19,516,021
2005	7,197,947,000	173,746,187	2005	15,776,326	880,599	1,523,359	18,180,284
2004	6,704,793,000	161,093,937	2004	14,659,344	833,183	1,488,778	16,981,305
2003	6,344,520,000	152,082,937	2003	13,898,798	804,687	1,461,837	16,165,322
2002	5,965,707,000	141,320,687	2002	12,512,375	741,180	1,374,756	14,628,311
2001	5,505,865,000	134,879,000	2001	11,320,435	571,653	1,274,766	13,166,854
2000	4,964,213,000	125,537,000	2000	10,116,720	537,353	1,378,975	12,033,048
1999	4,559,369,000	115,355,750	1999	9,455,950	525,820	1,329,891	11,311,661
1998	3,729,857,000	106,349,250	1998	8,935,636	520,786	1,305,749	10,762,171
1997	3,388,947,000	101,841,000	1960 -1997	<u>115,094,760</u>	<u>26,744,092</u>	<u>21,292,646</u>	<u>163,131,498</u>
			Total	\$247,240,031	\$34,214,362	\$35,774,042	\$317,228,435

Claims

Year	Death Losses			Total	Living Benefits	Disability Losses	Total Claims
	Pre-Retirement Life	Pre-Retirement AD&D	Post-Retirement Life				
2007	\$13,661,977	\$1,192,492	\$5,305,187	\$20,159,656	\$511,000	\$1,327,477	\$21,998,133
2006	12,342,722	1,580,258	4,521,061	18,444,041	901,000	1,430,034	20,775,075
2005	10,388,980	879,966	4,145,891	15,414,837	124,500	804,850	16,344,187
2004	12,627,796	1,015,277	4,283,601	17,926,674	200,000	(605,989)	17,520,685
2003	12,350,259	1,669,819	3,986,298	18,006,376	487,000	549,221	19,042,597
2002	9,734,737	1,236,492	3,852,234	14,823,463	458,750	1,332,365	16,614,578
2001	9,365,292	628,839	3,562,572	13,556,703	123,000	1,869,808	15,549,511
2000	7,971,710	769,460	3,348,041	12,089,211	23,750	1,086,269	13,199,230
1999	7,612,827	720,856	3,340,578	11,674,261	283,750	332,907	12,290,918
1998	7,828,959	587,626	3,261,026	11,677,611	177,000	901,549	12,756,160
1960- 1997	<u>93,984,509</u>	<u>6,586,782</u>	<u>36,275,809</u>	<u>136,847,100</u>	<u>221,000</u>	<u>8,122,657</u>	<u>145,190,757</u>
Total	\$197,869,768	\$16,867,867	\$75,882,298	\$290,619,933	\$3,510,750	\$17,151,148	\$311,281,831

Year	Total Claims	Conversion Charge	Pooled Claims	Pool Charge	Total Claim Charges
2007	\$21,998,133	\$11,160	\$0	\$23,273	\$22,032,566
2006	20,775,075	57,600	0	25,208	20,857,883
2005	16,344,187	26,640	0	19,746	16,390,573
2004	17,520,685	26,640	0	17,119	17,564,444
2003	19,042,597	16,860	0	14,386	19,073,843
2002	16,614,578	22,500	0	0	16,637,078
2001	15,549,511	16,380	0	0	15,565,891
2000	13,199,230	8,940	0	0	13,208,170
1999	12,290,918	4,740	0	0	12,295,658
1998	12,756,160	1,500	0	0	12,757,660
1960- 1997	<u>145,190,757</u>	<u>145,530</u>	<u>0</u>	<u>0</u>	<u>145,336,287</u>
Total	\$311,281,831	\$338,490	\$0	\$99,732	\$311,720,053

WISCONSIN LOCAL GOVERNMENTS

H. Historical Statistics - Active Employee and Retiree Insurance - through 2007 (cont'd)

Year	Overhead Cost						State Internal Administration Expense	Actuarial Service Charge	Audit/Consultant Charge	Research Survey Cost	Interest Credits/Charges
	Insurance Company Expense	Reinsurance Expense	Risk Charge*	State Premium Tax	Federal Income Tax	Total					
2007	\$1,642,242	\$3,416	\$65,405	\$468,673	\$72,165	\$2,251,901	\$249,586	\$23,936	\$0	\$0	\$191,898
2006	1,494,687	3,123	47,586	444,260	64,454	2,054,110	223,343	0	8,699	0	110,645
2005	1,389,672	2,909	42,714	349,646	61,415	1,846,356	208,373	0	0	0	143,998
2004	1,285,912	2,675	29,069	371,621	59,267	1,748,544	181,758	905	0	0	89,217
2003	1,221,501	2,639	54,756	401,966	60,462	1,741,324	253,424	1,700	18,633	0	121,600
2002	1,117,501	4,175	46,950	348,868	52,727	1,570,221	150,150	1,745	0	0	87,189
2001	1,003,151	4,517	47,021	325,213	44,602	1,424,504	107,850	1,650	0	0	92,006
2000	919,839	11,163	46,654	276,155	41,480	1,295,291	38,007	1,402	8,727	0	74,225
1999	842,497	11,704	39,389	256,390	45,544	1,195,524	0	1,391	0	0	61,178
1998	781,429	10,963	67,869	269,165	51,662	1,181,088	137,490	1,153	0	0	66,448
1960- 1997	<u>6,749,633</u>	<u>74,532</u>	<u>869,852</u>	<u>3,167,385</u>	<u>398,873</u>	<u>11,260,275</u>	<u>2,342,722</u>	<u>4,506</u>	<u>15,676</u>	<u>10,520</u>	<u>1,711,724</u>
Total	\$18,448,064	\$131,816	\$1,357,265	\$6,679,342	\$952,651	\$27,569,138	\$3,892,703	\$38,388	\$51,735	\$10,520	\$2,750,128

*Risk charge reflects reduction for 1987 catastrophic loss credit of \$178,106.

Year	Reserves			Total
	Disability Reserve	Contingent Liability Reserve	Premium Deposit Fund	
2007	\$17,151,148	\$75,683,793	\$140,991,340	\$233,826,281
2006	15,823,671	75,175,650	131,607,871	222,607,192
2005	14,393,637	75,305,226	123,117,809	212,816,672
2004	13,588,787	72,017,608	114,855,712	200,462,107
2003	14,194,776	70,683,368	107,040,743	191,918,887
2002	13,645,555	70,171,487	100,249,667	184,066,709
2001	12,313,190	69,463,315	92,628,705	174,405,210
2000	10,443,382	68,348,884	85,827,691	164,619,957
1999	9,357,113	66,759,288	78,788,609	154,905,010
1998	9,024,206	65,206,883	72,488,388	146,719,477
1997	8,122,657	64,306,104	67,178,644	139,607,405

Year	Interest Credits on Reserves			Withdrawals to Pay Health Premiums
	Disability Reserve	Contingent Liability Reserve	Premium Deposit Fund	
2007	\$929,813	\$4,325,062	\$7,670,212	\$12,925,087
2006	818,117	4,180,360	6,879,378	11,877,855
2005	816,982	4,115,015	6,738,738	11,670,735
2004	823,287	4,424,860	6,337,309	11,585,456
2003	867,360	4,707,408	6,542,089	12,116,857
2002	827,016	4,782,466	6,363,346	11,972,828
2001	745,750	4,865,755	6,146,276	11,757,781
2000	667,981	4,744,914	5,660,107	11,073,002
1999	610,273	4,391,757	4,970,330	9,972,360
1998	551,337	4,327,436	4,580,522	9,459,295
1960- 1997	<u>7,916,027</u>	<u>72,558,458</u>	<u>47,033,599</u>	<u>127,508,084</u>
Total	\$15,573,943	\$117,423,491	\$108,921,906	\$241,919,340

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STATE OF WISCONSIN
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VIII. Funding Assumptions

A. Salaries increase annually in accordance with the following schedule:

<u>Age</u>	<u>Percentage Increase</u>	
	<u>State</u>	<u>Local</u>
20	6.3	7.1
25	6.3	7.1
30	6.3	7.1
35	5.1	5.4
40	4.5	4.5
45	4.2	4.0
50	3.8	3.4
55	3.8	3.4
60	3.4	3.3
65	3.4	3.3

B. Annual employee withdrawal rates are as follows:

<u>Age</u>	<u>Withdrawals Per 1,000</u>	
	<u>State</u>	<u>Local</u>
20	168	168
25	141	128
30	116	76
35	84	58
40	31	24
45	27	21
50	22	18
55	20	17
60	20	17

C. Annual interest rates are projected portfolio rates, assuming new money rates grade to 5.00% over 10 years beginning with the 2022 new money rate of 4.21%.

D. Expected mortality and morbidity are based on studies of the actual experience of the plan during the years 2019 through 2021. Mortality and morbidity rates are expected to improve 2% per year in the future. The Local plan valuation assumes mortality improvement beyond 2025 will be reflected in reduced premium rates. The State plan valuation assumes premium contribution rates will increase 5% per year through 2028, as approved by the Group Insurance Board in August 2019, and remain at their 2028 levels thereafter.

E. Annual accidental death rates of .12 deaths per thousand for State employees and .14 deaths per thousand for employees of participating public employers are assumed at all ages under 65. These rates are based on plan experience during 2019 through 2021.

F. No explicit allowance is made for insurance company expenses or State premium taxes.

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STATE OF WISCONSIN
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IX. Conversion of Postretirement Life Insurance Values to Pay Health or Long-Term Care Insurance Premiums

Report on operations for 2022, the twenty-eighth year of the benefit

	<u>State Retirees</u>	<u>Local Retirees</u>
A. Number of Retirees Utilizing Benefit		
1. Utilization on December 31, 2021	266	1
2. Conversions Effective in 2022	44	0
3. Terminations During 2022		
a. Exhaustion of Conversion Account Balance	42	0
b. Death	5	0
c. Revocation of Conversion	0	0
d. Reversion to Life Insurance Plan Reserve	<u>0</u>	<u>0</u>
e. Total Terminations (a+b+c+d)	47	0
4. Adjustments	0	0
5. Utilization on December 31, 2022 (1+2-3e-4)	263	1
B. Conversion Account Activity		
1. Conversion Account Balances on December 31, 2021	\$ 1,843,634.92	\$ 34.20
2. Conversion Account Balances Established in 2022	\$ 732,757.25	\$ 0.00
3. Payments From Conversion Accounts During 2022		
a. Health Insurance Premiums	\$ 643,332.85	\$ 0.00
b. Long-term Care Insurance Premiums	188,364.48	0.00
c. Death Benefits	18,817.01	0.00
d. Revocation of Conversion	0.00	0.00
e. Reversion to Life Insurance Plan Reserve	0.00	0.00
f. Adjustments	<u>0.00</u>	<u>0.00</u>
g. Total Payments (a+b+c+d+e+f)	\$ 850,514.34	\$ 0.00
4. Conversion Account Balances on December 31, 2022 (1+2-3g)	\$ 1,725,877.83	\$ 34.20

STATE OF WISCONSIN
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	<u>State Retirees</u>	<u>Local Retirees</u>
C. Cumulative Number of Retirees Utilizing Benefit - 1995 through 2022		
1. Conversions	1,237	11
2. Terminations		
a. Exhaustion of Conversion Account Balance	898	11
b. Death	66	0
c. Revocation of Conversion	4	1
d. Reversion to Life Insurance Plan Reserve	<u>16</u>	<u>0</u>
e. Total Terminations (a+b+c+d)	984	12
3. Adjustments	10	2
4. Utilization on December 31, 2021 (1-2e+3)	263	1
D. Cumulative Conversion Account Activity - 1995 through 2021		
1. Conversion Account Balances Established	\$ 16,080,811.05	\$ 80,620.50
2. Payments From Conversion Accounts		
a. Health Insurance Premiums	\$ 11,992,065.52	\$ 80,579.80
b. Long-term Care Insurance Premiums	1,963,338.99	0.00
c. Death Benefits	294,393.00	0.00
d. Revocation of Conversion	50,878.90	0.00
e. Reversion to Life Insurance Plan Reserve	55,257.81	0.00
f. Adjustments	<u>(1,001.00)</u>	<u>6.50</u>
g. Total Payments (a+b+c+d+e+f)	\$ 14,354,933.22	\$ 80,586.30
3. Conversion Account Balances on December 31, 2021 (1-2g)	\$ 1,725,877.83	\$ 34.20

STATE OF WISCONSIN
AND WISCONSIN LOCAL GOVERNMENTS

X. Insured Lives and Insurance Amounts by Gender

Data for 2022

A. State Employee Coverage

1. Employees Insured for Pre-Retirement Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	28,750	21,244	5	49,999
Supplemental Plan	18,738	15,153	3	33,894
Additional Plan	13,050	11,107	0	24,157

2. Pre-Retirement Life and AD&D Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	\$ 1,975,546,000	\$ 1,718,999,000	\$ 89,000	\$ 3,694,634,000
Supplemental Plan	1,312,977,000	1,264,166,000	52,000	2,577,195,000
Additional Plan	2,124,599,000	2,224,980,000	0	4,349,579,000

B. State Retiree Coverage

1. Retirees Insured for Pre-Age 65 Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	3,320	3,025	0	6,345
Supplemental Plan	1,837	1,890	0	3,727
Additional Plan	874	1,103	0	1,977

2. Pre-Age 65 Life and AD&D Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	\$ 231,672,000	\$ 238,159,000	\$ 0	\$ 469,831,000
Supplemental Plan	122,693,000	144,892,000	0	267,585,000
Additional Plan	115,179,000	167,129,000	0	282,308,000

3. Retirees Insured for Post-Age 65 Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
	13,997	14,885	862	29,744

4. Post-Age 65 Life Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
	\$ 399,989,500	\$ 532,851,750	\$ 13,909,750	\$ 946,751,000

STATE OF WISCONSIN
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C. Local Employee Coverage

1. Employees Insured for Pre-Retirement Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	43,646	30,957	8	74,611
Supplemental Plan	13,830	12,368	3	26,201
Additional Plan	15,430	14,687	0	30,117

2. Pre-Retirement Life and AD&D Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	\$ 2,386,058,000	\$ 2,134,499,000	\$ 432,000	\$ 4,520,989,000
Supplemental Plan	800,882,000	905,304,000	234,000	1,706,420,000
Additional Plan	2,009,479,000	2,591,777,000	0	4,601,256,000

D. Local Retiree Coverage

1. Retirees Insured for Pre-Age 65 Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	4,841	5,060	0	9,901
Supplemental Plan	939	1,394	0	2,333
Additional Plan	1,030	1,661	0	2,691

2. Pre-Age 65 Life and AD&D Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
Basic Plan	\$ 300,248,000	\$ 396,032,000	\$ 0	\$ 696,280,000
Supplemental Plan	57,997,000	113,424,000	0	171,421,000
Additional Plan	117,254,000	274,576,000	0	391,830,000

3. Retirees Insured for Post-Age 65 Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
	22,346	17,008	1,415	40,769

4. Post-Age 65 Life Insurance

	<u>Female</u>	<u>Male</u>	<u>Other</u>	<u>Total</u>
	\$ 328,058,250	\$ 320,672,500	\$ 11,430,250	\$ 660,161,000