

**MISSISSIPPI MUNICIPAL RETIREMENT SYSTEMS  
GASB STATEMENT NO. 68  
PREPARED AS OF JUNE 30, 2015**



**Hattiesburg**

**Paragraph 40(c) Membership as of the Measurement Date of June 30, 2015**

	Number
Inactive Members Or Their Beneficiaries Currently Receiving Benefits	147
Inactive Members Entitled To But Not Yet Receiving Benefits	0
Active Members	2
Total	149

**Paragraph 42(g) Sensitivity of the NPL to Changes in the Discount Rate**

	1% Decrease (6.75%)	Current Discount Rate (7.75%)	1% Increase (8.75%)
Plan's Net Pension Liability (Asset)	\$17,879,914	\$14,490,323	\$11,589,167

**Paragraph 44 Schedule of Changes in the Net Pension Liability**

	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (Asset) (a) - (b)
Balances at June 30, 2014	\$36,598,465	\$23,692,891	\$12,905,574
Changes for the year:			
Service cost	23,592		23,592
Interest	2,793,872		2,793,872
Changes of assumptions	982,479		982,479
Difference between expected and actual experience	53,434		53,434
Contributions - employer		1,626,692	(1,626,692)
Contributions - employee		9,755	(9,755)
Net investment income		664,715	(664,715)
Benefit payments, including refunds of employee contributions	(3,350,127)	(3,350,127)	0
Administrative expense		(32,534)	32,534
Other changes	0	0	0
Net changes	503,250	(1,081,499)	1,584,749
Balances at June 30, 2015	\$37,101,715	\$22,611,392	\$14,490,323

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**Hattiesburg  
(continued)**

**Paragraph 45(a) Roll-forward of the Total Pension Liability**

TPL Roll-Forward	
(a) TPL as of June 30, 2014	\$36,598,465
(b) Entry Age Normal Cost for the period July 1, 2014 – June 30, 2015	\$23,592
(c) Actual Benefit Payments and Refunds for the period July 1, 2014 – June 30, 2015	(\$3,350,127)
(d) Expected TPL as of June 30, 2015 = [(a) x (1.08)] + (b) – [(c) x (1.04)]	\$36,065,802
(e) Actual TPL as of June 30, 2015 with Old Assumptions (8.00%)	\$36,119,236
(f) Experience (Gain)/Loss: (e) – (d)	\$53,434
(g) Actual TPL as of June 30, 2015 with New Assumptions (7.75%)	\$37,101,715
(h) Assumption (Gain)/Loss: (g) – (e)	\$982,479

**Paragraph 45(h) Summary of Deferred Inflows and Outflows of Resources**

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$0	\$0
Changes of assumptions	0	0
Net difference between projected and actual earnings on plan investments	928,694	0
Employer contributions subsequent to the Measurement Date	<u>0</u>	<u>0</u>
Total	\$928,694	\$ 0

**Paragraph 45(i): Schedule of Amortization of Deferred Inflows and Outflows of Resources:**

Year Ended June 30	
2016	\$232,174
2017	\$232,174
2018	\$232,174
2019	\$232,172
Thereafter	0

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**Hattiesburg**  
 (continued)

**PENSION EXPENSE**

Service Cost	\$23,592
Interest on the total pension liability	2,793,872
Current-period benefit changes	0
Expensed portion of current-period difference between expected and actual experience in the total pension liability	53,434
Expensed portion of current-period changes of assumptions	982,479
Member contributions	(9,755)
Projected earnings on plan investments	(1,825,583)
Expensed portion of current-period differences between actual and projected earnings on plan investments	232,174
Administrative expense	32,534
Other	0
Recognition of beginning deferred outflows of resources as pension expense	0
Recognition of beginning deferred inflows of resources as pension expense	<u>0</u>
<b>Pension Expense (Income)</b>	<b><u>\$2,282,747</u></b>

**Schedules of Required Supplementary Information**  
**SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY**  
**Last 10 Fiscal Years Ending June 30**



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>Total pension liability</b>										
Service Cost	\$23,592									
Interest	2,793,872									
Changes of benefit terms	0									
Differences between expected and actual experience	53,434									
Changes of assumptions	982,479									
Benefit payments, including refunds of employee contributions	(3,350,127)									
<b>Net change in total pension liability</b>	503,250									
<b>Total pension liability - beginning</b>	36,598,465									
<b>Total pension liability - ending (a)</b>	\$37,101,715									
<b>Plan fiduciary net position</b>										
Contributions - employer	\$1,626,692									
Contributions - member	9,755									
Net investment income	664,715									
Benefit payments, including refunds of employee contributions	(3,350,127)									
Administrative Expense	(32,534)									
Other	0									
<b>Net change in plan fiduciary net position</b>	(1,081,499)									
<b>Plan net position - beginning</b>	23,692,891									
<b>Plan net position - ending (b)</b>	\$22,611,392									
<b>Net pension liability (asset) - ending (a) - (b)</b>	\$14,490,323									
<b>Plan fiduciary net position as a percentage of the total pension liability</b>	60.94%									
<b>Covered-employee payroll*</b>	N/A									
<b>Net pension liability (asset) as a percentage of covered-employee payroll*</b>	N/A									

\*Payroll-related information not provided because plan is closed to new entrants and there are very few remaining active members and many municipalities have no remaining active members.

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

Schedules of Required Supplementary Information  
**SCHEDULE OF EMPLOYER CONTRIBUTIONS**  
 Last 10 Fiscal Years



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Actuarially determined contribution*	\$1,626,692									
Contributions in relation to the actuarially determined contribution*	<u>1,626,692</u>									
Contribution deficiency (excess)	<u>\$ 0</u>									
Covered-employee payroll**	N/A									
Contributions as a percentage of covered-employee payroll	N/A									

\*Payroll-related information not provided because plan is closed to new entrants and there are very few remaining active members and many municipalities have no remaining active members.

**Notes to Schedule**

Actuarially determined contribution rates are calculated as of June 30, two years prior to the end of the fiscal year in which contributions are reported. Contributions for the fiscal year ending September 30, 2015 were based on the June 30, 2013 actuarial valuation.

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Ultimate Asset Reserve
Amortization method	N/A
Remaining amortization period	N/A
Asset valuation method	Five year smoothed market
Inflation	3.50%
Salary increases	4.50 – 6.00%, including inflation
Investment rate of return	8.00%, net of pension plan investment expense, including inflation

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.