

**FINAL**



**Cavanaugh Macdonald**  
CONSULTING, LLC  
*The experience and dedication you deserve*



# **GASB STATEMENT NO. 68 REPORT**

**FOR THE**

**GEORGIA FIREFIGHTERS' PENSION FUND**

**PREPARED AS OF JUNE 30, 2017**





# Cavanaugh Macdonald

CONSULTING, LLC

*The experience and dedication you deserve*

March 6, 2018

Board of Trustees  
Georgia Firefighters' Pension Fund  
2171 East View Parkway  
Conyers, GA 30013-5756

Dear Members of the Board:

Presented in this report is information to assist the Georgia Firefighters' Pension Fund (GFPPF) in meeting the requirements of the Governmental Accounting Standards Board (GASB) Statement No. 68. The information is presented for the period ending June 30, 2017 (the Measurement Date).

GASB Statement Number 68 established accounting and financial reporting requirements for governmental employers that provide pension benefits to their employees through a trust.

The annual actuarial valuation used as a basis for much of the information presented in this report, including the Net Pension Liability, was performed as of June 30, 2017. The valuation was based upon data, furnished by the Pension Fund staff, for active, inactive and retired members along with pertinent financial information.

The actuarial calculations were performed by qualified actuaries according to generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the Fund, and on actuarial assumptions that are internally consistent and individually reasonable based on the actual experience of the Fund. In addition, the calculations were completed in compliance with the laws governing the Fund and, in our opinion, meet the requirements of GASB 68. The undersigned are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.



Board of Trustees  
March 6, 2018  
Page 2

These results are only for financial reporting and may not be appropriate for funding purposes or other types of analysis. Calculations for purposes other than satisfying the requirements of GASB 67 and GASB 68 may produce significantly different results. Future actuarial results may differ significantly from the current results presented in this report due to such factors as changes in plan experience or changes in economic or demographic assumptions.

Sincerely yours,

A handwritten signature in blue ink that reads 'Edward J. Koebel'.

Edward J. Koebel, EA, FCA, MAAA  
Principal and Consulting Actuary

A handwritten signature in blue ink that reads 'Ben Mobley'.

Ben D. Mobley, ASA, ACA, MAAA  
Senior Actuary



## TABLE OF CONTENTS

<u>Section</u>	<u>Item</u>	<u>Page No.</u>
I	Summary of Collective Amounts	1
II	Introduction	2
III	Collective Pension Expense	4
IV	Notes to Financial Statements	7
V	Required Supplementary Information	13
<u>Schedule</u>		
A	Schedule of Employer Allocations	15
B	Schedule of Pension Amounts by Employer	27
C	Summary of Main Plan Provisions	40
D	Statement of Actuarial Assumptions and Methods	44
E	Funding Policy of the GFPP Board of Trustees	46



**REPORT OF THE ANNUAL GASB STATEMENT NO. 68  
REQUIRED INFORMATION FOR THE  
EMPLOYERS PARTICIPATING IN THE  
GEORGIA FIREFIGHTERS' PENSION FUND**

**PREPARED AS OF JUNE 30, 2017**

**SECTION I - SUMMARY OF COLLECTIVE AMOUNTS**

<b>Valuation Date (VD):</b>	June 30, 2017
<b>Measurement Date (MD):</b>	June 30, 2017
<b>Reporting Date (RD):</b>	June 30, 2018
<b>Single Equivalent Interest Rate (SEIR):</b>	
Long-Term Expected Rate of Return	6.00%
Municipal Bond Index Rate at Measurement Date	3.56%
Fiscal Year in which Plan's Fiduciary Net Position is projected to be depleted from future benefit payments for current members	N/A
Single Equivalent Interest Rate	6.00%
<b>Net Pension Liability:</b>	
Total Pension Liability (TPL)	\$1,007,204,835
Fiduciary Net Position (FNP)	<u>843,413,792</u>
Net Pension Liability (NPL = TPL – FNP)	\$ 163,791,043
FNP as a percentage of TPL	83.74%
<b>Collective Pension Expense (PE):</b>	\$36,038,356
<b>Collective Deferred Outflows of Resources:</b>	\$36,429,006
<b>Collective Deferred Inflows of Resources:</b>	\$17,285,444



## **SECTION II – INTRODUCTION**

The Governmental Accounting Standards Board issued Statement No. 68 (GASB 68), “*Accounting and Financial Reporting For Pensions*” in June 2012. The Georgia Firefighters’ Pension Fund (GFPF) is a cost-sharing multiple employer defined benefit pension plan.

This report, prepared as of June 30, 2017 (the Measurement Date), presents information to assist the employers participating in the GFPF in meeting the requirements of GASB 68 for the fiscal year ending June 30, 2018 (Reporting Date). Much of the material provided in this report, including the Net Pension Liability, is based on the results of the GASB 67 report prepared for the GFPF which was issued November 14, 2017. See that report for more information on the member data, actuarial assumptions, and methods used in developing the GASB 67 results.

Two major changes in GASB 68 are the requirements to include a proportionate share of a Net Pension Liability (NPL) and to recognize a proportionate share of a Pension Expense (PE) in the financial statements of each of the participating employers and non-employer contributing entities.

The NPL shown in the GASB Statement No. 67 Report for the Georgia Firefighters’ Pension Fund prepared as of June 30, 2017 and submitted November 14, 2017 is the collective NPL used for purposes of GASB 68. Please refer to that report for the derivation of the collective NPL.

Pension Expense includes amounts for service cost (the normal cost under the Entry Age Normal actuarial cost method for the year), interest on the Total Pension Liability (TPL), changes in benefit structure, amortization of increases/decreases in liability due to actuarial experience and actuarial assumption changes, and amortization of investment gains/losses. The actuarial experience and assumption change impacts are amortized over the average expected remaining service life of the Fund membership as of the Measurement Date, and investment gains/losses are amortized over five years. The development of the collective PE is shown in Section IV.

The unamortized portions of each year’s experience, assumption changes and investment gains/losses are used to develop deferred inflows and outflows, which also must be included in the employer’s and non-employer contributing entities’ financial statements. The development of the collective deferred inflows and outflows is shown in Section III.



These collective amounts have been allocated based on employer contributions made to GFPP during the measurement period to determine the proportionate share associated with each participating employer. The State makes all contributions to GFPP on behalf of employees of the participating employers. Therefore, these employers are considered to be in a special funding situation as defined by GASB 68 and the State is treated as a non-employer contributing entity in GFPP. Since the employers do not contribute directly to the GFPP, there is no NPL or deferred inflows or outflows to report in the financial statements of the employers. However, the notes to the financial statements must disclose the portion of the non-employer contributing entities' total proportionate share of the collective NPL that is associated with the employer. In addition, each employer must recognize the total PE associated with the employer as well as revenue in an amount equal to the non-employer contributing entities' total proportionate share of the collective PE associated with the employer.

Schedule A of this report shows the total amount of employer contributions from the State as support provided to the employers for the year ending June 30, 2017. Schedule A also shows the proportionate share percentages that have been determined based on these contributions.

Based on these percentages we have determined the proportionate share amounts of the NPL associated with each participating employer and the employer PE and revenue for State support for each participating employer. These amounts are shown in Schedule B.

Section II of this report is a summary of the principal results of the collective amounts under GASB 68. Section III provides the results of all the necessary calculations, presented in the order laid out in GASB 68 for note disclosure and Section V shows the Required Supplementary Information (RSI).



### **SECTION III – COLLECTIVE PENSION EXPENSE**

As noted earlier, the collective Pension Expense (PE) consists of a number of different items. GASB 68 refers to the first as Service Cost which is the Normal Cost using the Entry Age Normal actuarial funding method. The second item is interest on the beginning Total Pension Liability (TPL) and the cash flow during the year at the 6.00% rate of return in effect as of the previous measurement date.

The next three items refer to any changes that occurred in the TPL due to:

- benefit changes, or
- actual versus expected experience, or
- changes in actuarial assumptions.

Benefit changes, which are reflected immediately in PE, can be positive, if there is a benefit improvement for existing Fund members, or negative if there is a benefit reduction. For the year ended June 30, 2017, there was a one-time 1.0% Cost-of-Living Adjustment (COLA) granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of July 1, 2017.

The next item to be recognized is the portion of current year changes in TPL due to actual versus expected experience for the year and the portion of current year changes in TPL due to changes in actuarial assumptions. The portion to recognize in the current year is determined by spreading the total change over the average expected remaining service life of the entire Fund membership determined at the beginning of the year. The average expected remaining service life of active members is the average number of years the active members are expected to remain active. For the year ended June 30, 2017 this number of years for the active members is 11.53. The average expected remaining service life of the inactive members is, of course, zero. Therefore, the number of years to use for the amortization is the weighted average for all active and inactive members, or 7.31 years. The table below provides the calculation of the average remaining future service life:





Category	Number (1)	Average Years of Future Service Life (2)
a. Active Members	13,279	11.53
b. Inactive Members	<u>7,650</u>	0.0
c. Total	20,929	
Weighted Average Years of Future Service Life [(a1 x a2) + (b1 x b2)]/c1		7.31

Member contributions for the year and projected earnings on the Fiduciary Net Position (FNP), again at the discount rate used to calculate the liabilities, are subtracted from the amount determined thus far. One-fifth of current period differences between projected and actual investment earnings on the FNP are recognized in the pension expense.

The current year portions of previously determined experience, assumption and earnings amounts, recognized as deferred outflows and inflows (see Section V) are included also. Deferred outflows are added to the PE while deferred inflows are subtracted from the PE. Finally, administrative expenses and other miscellaneous items are included.

The calculation of the Collective Pension Expense determined as of the measurement date is shown in the following table:



<b>Collective Pension Expense Determined as of the Measurement Date</b>	
Service Cost at end of year	\$19,556,923
Interest on the TPL and net cash flow	56,846,696
Current-period benefit changes	9,980,125
Expensed portion of current-period difference between expected and actual experience in the total pension liability	(535,287)
Expensed portion of current-period changes of assumptions	0
Member contributions	(4,288,737)
Projected earnings on plan investments	(45,750,989)
Expensed portion of current-period differences between projected and actual earnings on plan investments	(7,861,424)
Administrative expense	1,340,641
Other	(40)
Recognition of beginning deferred outflows of resources as pension expense	8,076,959
Recognition of beginning deferred inflows of resources as pension expense	<u>(1,326,511)</u>
<b>Collective Pension Expense</b>	<b><u>\$36,038,356</u></b>



## **SECTION IV –NOTES TO FINANCIAL STATEMENTS**

The material presented herein will follow the order presented in GASB 68. Paragraph numbers are provided for ease of reference. Amounts are shown in aggregate. Please refer to Schedule B of this report for the proportionate share of certain pension amounts as required by GASB 68.

**Paragraphs 77 and 78(a)-(f):** These paragraphs require information to be disclosed regarding the actuarial assumptions used to measure the TPL. The complete set of actuarial assumptions utilized in developing the TPL are outlined in Schedule C. The TPL was determined by an actuarial valuation as of June 30, 2017, using the following key actuarial assumptions:

<b>Inflation</b>	2.75 percent
<b>Salary increases</b>	N/A
<b>Investment rate of return</b>	6.00 percent, net of pension plan investment expense, and including inflation
<b>Mortality</b>	Pre-retirement mortality rates were based on the RP-2000 Employee Mortality Table projected to 2025 with projection scale BB. Post-retirement mortality rates were based on the RP-2000 Blue Collar Mortality Table projected to 2025 with projection scale BB set forward 1 year for males and set forward 4 years for females. Post-disability mortality rates were based on the RP-2000 Disabled Mortality Table projected to 2025 with projection scale BB set forward 5 years for males and set forward 3 years for females.

The actuarial assumptions used in the June 30, 2017 valuation were based on the results of the last actuarial experience study dated November 4, 2015.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate arithmetic expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These assumptions are converted into nominal assumptions by adding inflation, and then combined by weighting them by the target asset allocation percentages. The target asset allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:



Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
IG Corp Credit	12.00%	2.44%
MBS	12.00%	0.95%
Core Bonds	10.50%	1.38%
Large Cap Equities	15.50%	5.92%
Small/MidCap Equities	15.50%	6.71%
Int'l Equities (Unhedged)	13.00%	6.71%
Emerging Int'l Equities	6.50%	9.70%
Private Equity	5.00%	8.73%
Real Estate (Core)	5.00%	4.62%
Real Assets (Liquid)	<u>5.00%</u>	4.65%
Total	100.00%	

\*Arithmetic mean

*Discount rate.* The discount rate used to measure the total pension liability was 6.00 percent. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that Non-Employer Contributing Entity contributions will remain at the level contributed the previous fiscal year. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Paragraph 78 (g):** This paragraph provides the disclosure of the sensitivity of the NPL to changes in the discount rate. The following presents the NPL of the Fund, calculated using the discount rate of 6.00 percent, as well as what the Fund's NPL would be if it were calculated using a discount rate that is 1-percentage-point lower (5.00 percent) or 1-percentage-point higher (7.00 percent) than the current rate:

	1% Decrease (5.00%)	Current Discount Rate (6.00%)	1% Increase (7.00%)
Fund's Net Pension Liability	\$300,127,462	\$163,791,043	\$51,371,481



**Paragraph 80(a):** This paragraph requires disclosure of the employer's proportionate share of the collective NPL and if an employer has a special funding situation the portion of the non-employer contributing entities' proportional share of the collective NPL that is associated with the employer. These amounts are shown in Schedule B.

**Paragraph 80(b):** This paragraph requires disclosure of the employer's proportion (percentage) of the collective NPL and the changes in proportion since the prior measurement date. 100% of the collective NPL is allocated to the State.

**Paragraph 80(c):** June 30, 2017 is the actuarial valuation date upon which the TPL is based.

**Paragraph 80(d):** There were no changes in actuarial assumptions since the prior measurement date.

**Paragraph 80(d) and (e):** Since the prior measurement date, a one-time 1.0% Cost-of-Living Adjustment (COLA) was granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of July 1, 2017.

**Paragraph 80(f):** Not applicable.

**Paragraph 80(g):** Please see Section IV of this report for the development of the collective pension expense. The PE for each employer is shown in Schedule B.

**Paragraph 80(h):** Since certain expense items are amortized over closed periods each year, the deferred portions of these items must be tracked annually. If the amounts serve to reduce collective pension expense they are labeled deferred inflows. If they will increase collective pension expense they are labeled deferred outflows. The amortization of these amounts is accomplished on a level dollar basis, with no interest included in the deferred amounts. Experience gains/losses and the impact of changes in actuarial assumptions, if any, are amortized over the average expected remaining service life of the active and inactive Fund members at the beginning of the fiscal year. Investment gains and losses are amortized over a fixed five year period.



The table below provides a summary of the collective deferred inflows and outflows as of the Measurement Date. 100% of these amounts are allocated to the State.

	<b>Collective Deferred Outflows of Resources</b>	<b>Collective Deferred Inflows of Resources</b>
Differences between expected and actual experience	\$566,330	\$10,845,912
Changes of actuarial assumptions	35,862,676	0
Net difference between projected and actual earnings on plan investments	<u>0</u>	<u>6,439,532</u>
Total	<u>\$36,429,006</u>	<u>\$17,285,444</u>

**Paragraph 80(i):** Collective amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in the collective pension expense as follows. 100% of these amounts are allocated to the State.

<b>Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date:</b>	
Year 1	\$ (1,646,265)
Year 2	12,176,835
Year 3	4,722,932
Year 4	(3,250,886)
Year 5	4,610,537
Year 6	2,696,346
Year 7	(165,937)
Thereafter	0



**Collective Deferred Outflows and Inflows between Expected and Actual Experience**

Year	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense through 2017 (c)	Balances as of June 30, 2018 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2017	\$0	\$ 3,912,946	\$535,287	\$0	\$ 3,377,659
2016	771,150	0	204,820	566,330	0
2015	0	11,447,786	3,979,533	0	7,468,253
2014	0	0	0	<u>0</u>	<u>0</u>
Total				<u>\$566,330</u>	<u>\$10,845,912</u>

**Collective Deferred Outflows and Inflows for Differences from Assumption Changes**

Year	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense through 2017 (c)	Balances as of June 30, 2018 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2017	\$0	\$0	\$0	\$0	\$0
2016	0	0	0	0	0
2015	54,972,451	0	19,109,775	35,862,676	0
2014	0	0	0	<u>0</u>	<u>0</u>
Total				<u>\$35,862,676</u>	<u>\$0</u>



**Collective Deferred Outflows and Inflows for Differences in Investment Experience**

Year	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense through 2017 (c)	Balances as of June 30, 2018 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2017	\$0	\$39,307,119	\$7,861,424	\$0	\$31,445,695
2016	39,869,091	0	15,947,636	23,921,455	0
2015	37,269,512	0	22,361,706	14,907,806	0
2014	0	69,115,482	55,292,384	<u>0</u>	<u>13,823,098</u>
Total				<u>\$38,829,261</u>	<u>\$45,268,793</u>
Net Difference					<u>\$6,439,532</u>

**Paragraph 80(j):** The amount of revenue recognized for the support provided by non-employer contributing entities for the participating employers is provided in Schedule B.





## **SECTION V – REQUIRED SUPPLEMENTARY INFORMATION**

**Paragraphs 81(a)-(b):** CMC was not required to supply this information.

**Paragraph 82:** The following information should be noted regarding the RSI:

***Changes in actuarial assumptions and methods:*** The following changes to the actuarial assumptions were made as identified:

2015:

- The assumed investment rate of return was lowered from 6.50% to 6.00%.
- The assumed rate of inflation was lowered from 3.00% to 2.75%
- Rates of withdrawal and retirement were adjusted to more closely reflect actual experience.
- Rates of mortality were adjusted during the most recent experience study. Pre-retirement mortality rates were changed to the RP-2000 Employee Mortality Table projected to 2025 with projection scale BB. Post-retirement mortality rates were changed to the RP-2000 Blue Collar Mortality Table projected to 2025 with projection scale BB. Post-disability mortality rates were changed to the RP-2000 disabled Mortality Table projected to 2025 with projection scale BB.

***Changes in benefit provisions:*** The following changes to the benefit provisions were made as identified:

2017:

- A one-time 1.0% Cost-of-Living Adjustment (COLA) was granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of July 1, 2017.

2016:

- A one-time 1.5% Cost-of-Living Adjustment (COLA) was granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of July 1, 2016.



***Method and assumptions used in calculations of actuarially determined contributions.*** The actuarially determined contribution rates in the schedule of Non-Employer Contributing Entity contributions are calculated as of the June 30th prior to the fiscal year end in which contributions are reported (June 30, 2017 fiscal year contributions requirement is determined in the June 30, 2016 valuation). The following actuarial methods and assumptions were used to determine actuarial contribution rates reported in that schedule:

Actuarial cost method	Entry age normal
Amortization method	Level dollar, open
Remaining amortization period	28.2 years
Asset valuation method	5-year smoothed market with 15% corridor
Inflation	2.75 percent
Salary increase	N/A
Investment rate of return	6.00 percent, net of pension plan investment expense, and including inflation



**SCHEDULE A**

**GEORGIA FIREFIGHTERS' PENSION FUND**  
**Schedule of Employer Allocations as of June 30, 2017**

<b>Employers</b>	<b>2017 State Pension Support Provided To The Employers</b>	<b>Employer Allocation Percentage</b>
Abbeville Fire Department	\$ 17,945.08	0.052545%
Adel Fire Department	79,471.06	0.232698%
Adrian Volunteer Firefighter	5,127.17	0.015013%
Ailey Fire Department	12,817.91	0.037532%
Alamo Fire Department	10,254.33	0.030026%
Alapaha Fire Department	5,127.17	0.015013%
Albany Fire Department	294,812.00	0.863234%
Allentown Volunteer Fire Department	30,762.99	0.090077%
Alma - Bacon County Fire Department	25,635.83	0.075064%
Alpharetta Fire Department	189,705.12	0.555472%
Americus Fire Department	84,598.23	0.247711%
Antioch Volunteer Fire Department	12,817.91	0.037532%
Appling County Fire Department	84,598.23	0.247711%
Arcade Fire Department	7,690.75	0.022519%
Arnoldsville Volunteer Fire Department	5,127.17	0.015013%
Ashburn Fire Department	10,254.33	0.030026%
Athens - Clarke County Fire & Emergency	456,317.71	1.336136%
Atkinson County Volunteer Fire Department	33,326.57	0.097583%
Atlanta Fire Department	1,563,785.41	4.578892%
Augusta Fire Department	566,551.76	1.658910%
Austell Fire Department	33,326.57	0.097583%
Avera Fire Department	23,072.24	0.067557%
Bainbridge Fire Department	2,563.58	0.007506%
Baldwin County Fire Department	151,251.38	0.442876%
Baldwin Fire Department	12,817.91	0.037532%
Banks County Fire Department	61,525.98	0.180153%
Barnesville Fire Department	15,381.50	0.045038%
Barrow County Fire Department	105,106.89	0.307762%
Bartow County Fire Department	210,213.78	0.615523%
Bartow Volunteer Fire Department	35,890.16	0.105089%
Barwick Fire Department	2,563.58	0.007506%
Baxley Fire Department	51,271.65	0.150128%
Beaverdam Volunteer Fire Department	10,254.33	0.030026%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Ben Epps Field - Athens Clarke County	\$ 2,563.58	0.007506%
Ben Hill Volunteer Fire Department	15,381.50	0.045038%
Bent Tree Volunteer Fire Department	2,563.58	0.007506%
Bethany - Salem Fire Department	7,690.75	0.022519%
Big Canoe Fire Department	15,381.50	0.045038%
Blackshear Fire Department	28,199.41	0.082570%
Blakely Fire Department	10,254.33	0.030026%
Bleckley County Fire Department	41,017.32	0.120102%
Bloomington Fire Department	17,945.08	0.052545%
Bold Springs Fire Department	58,962.40	0.172647%
Bremen Fire Department	15,381.50	0.045038%
Broxton Fire Department	7,690.75	0.022519%
Brunswick Fire Department	41,017.32	0.120102%
Bryan County Fire Department	41,017.32	0.120102%
Buckeye Volunteer Fire Department	15,381.50	0.045038%
Bulloch County Fire Department	92,288.98	0.270230%
Burke County Fire Department	66,653.15	0.195166%
Bush Field Fire Department	15,381.50	0.045038%
Butler Fire Department	30,762.99	0.090077%
Butts County Fire Department	35,890.16	0.105089%
Byromville Fire Department	35,890.16	0.105089%
Byron Fire Department	38,453.74	0.112596%
Cairo Fire Department	74,343.90	0.217685%
Calhoun Fire Department	102,543.31	0.300255%
Calvary Volunteer Fire Department	12,817.91	0.037532%
Camden County Fire Rescue	189,705.12	0.555472%
Camilla Fire Department	15,381.50	0.045038%
Canon Volunteer Fire Department	28,199.41	0.082570%
Canoochee Fire Department	33,326.57	0.097583%
Canton Fire Department	12,817.91	0.037532%
Carlton Volunteer Fire Department	30,762.99	0.090077%
Carnesville Volunteer Fire Department	30,762.99	0.090077%
Carroll County Fire Rescue	151,251.38	0.442876%
Carrollton Fire Department	169,196.45	0.495421%
Cartersville Fire Department	184,577.95	0.540459%
Cataula Volunteer Fire Department	23,072.24	0.067557%
Catoosa County Fire Department	89,725.39	0.262723%
Cave Spring Fire Department	7,690.75	0.022519%
Cedartown Fire Department	58,962.40	0.172647%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Centerville Fire Department	\$ 30,762.99	0.090077%
Charlton County Fire Department	5,127.17	0.015013%
Chatsworth Fire Department	23,072.24	0.067557%
Chauncey Volunteer Fire Department	2,563.58	0.007506%
Cherokee County Fire Department	856,236.60	2.507131%
Chester Volunteer Fire Department	5,127.17	0.015013%
City Of Chattahoochee Hills	10,254.33	0.030026%
City Of Milton Fire Department	125,615.55	0.367813%
Clarksville Fire Department	15,381.50	0.045038%
Claxton Fire Department	43,580.90	0.127608%
Clayton County Fire Department	748,566.13	2.191863%
Cleveland Fire Department	0.00	0.000000%
Cloudland Volunteer Fire Department	17,945.08	0.052545%
Cobb County Fire Department	1,497,132.26	4.383726%
Cobbtown Fire Department	28,199.41	0.082570%
Cochran Fire Department	10,254.33	0.030026%
Coffee County Fire Department	84,598.23	0.247711%
Cohutta Volunteer Fire Department	15,381.50	0.045038%
Colbert Fire Department	10,254.33	0.030026%
College Park Fire Department	123,051.97	0.360306%
Collins Volunteer Fire Department	7,690.75	0.022519%
Collins Volunteer Fire Department (Madison County )	7,690.75	0.022519%
Colquitt - Miller Fire Department	41,017.32	0.120102%
Colquitt County Volunteer Fire Association	92,288.98	0.270230%
Columbia County Fire Rescue	407,609.64	1.193514%
Columbus Fire & Emergency Medical Services	892,126.76	2.612220%
Comer Volunteer Fire Department	25,635.83	0.075064%
Commerce Fire Department	51,271.65	0.150128%
Cordele Fire Department	51,271.65	0.150128%
Cornelia Fire Department	17,945.08	0.052545%
Covington Fire Department	123,051.97	0.360306%
Coweta County Fire Department	351,210.82	1.028374%
Crawford County Volunteer Fire Department # 8	46,144.49	0.135115%
Crisp County Fire Department	46,144.49	0.135115%
Cross - Green Volunteer Fire Department	0.00	0.000000%
Crossroad Volunteer Fire Department	7,690.75	0.022519%
Cusseta - Chattahoochee County Volunteer Fire Department	41,017.32	0.120102%
Dalton Fire Department	235,849.60	0.690587%
Danielsville Fire Department	15,381.50	0.045038%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Darien Fire Rescue	\$ 2,563.58	0.007506%
Davisboro Fire Department	48,708.07	0.142621%
Dawson County Fire Department	76,907.48	0.225191%
Dawson Fire Department	12,817.91	0.037532%
Dearing Fire Department	5,127.17	0.015013%
Decatur County Fire Department	20,508.66	0.060051%
Decatur Fire Department	66,653.15	0.195166%
Deepstep Area Fire Department	10,254.33	0.030026%
Dekalb County Fire Department	1,140,794.28	3.340339%
Demorest Fire Department	23,072.24	0.067557%
Devils Pond Volunteer Fire Department	5,127.17	0.015013%
Donalsonville Fire Department	35,890.16	0.105089%
Dooly County Fire Department	35,890.16	0.105089%
Double Churches Fire Department	25,635.83	0.075064%
Douglas County Fire Department	317,884.25	0.930791%
Douglas Fire Department	89,725.39	0.262723%
Dublin Fire Department	66,653.15	0.195166%
Early County Fire Department	2,563.58	0.007506%
East Berrien Fire Department	30,762.99	0.090077%
East Brooks Volunteer Fire Department	2,563.58	0.007506%
East Dublin Fire Department	2,563.58	0.007506%
East Point Fire Department	76,907.48	0.225191%
Eastern District Fire Department	2,563.58	0.007506%
Eastman Fire Department	33,326.57	0.097583%
Eatonton Fire Department	33,326.57	0.097583%
Echols County Volunteer Fire Department	23,072.24	0.067557%
Effingham County Fire Department	110,234.05	0.322774%
Elbert County Fire Department	223,031.69	0.653055%
Elberton Fire Department	35,890.16	0.105089%
Ellaville (Schley County) Fire Department	53,835.24	0.157634%
Ellerslie Fire Department	48,708.07	0.142621%
Ellijay Fire Department	10,254.33	0.030026%
Emanuel County Rural Fire Department	5,127.17	0.015013%
Eton Fire Department	2,563.58	0.007506%
Evans County Fire & Rescue	61,525.98	0.180153%
Fairburn Fire Department	66,653.15	0.195166%
Fannin County Fire Department	69,216.73	0.202672%
Fayette County Fire Department	269,176.18	0.788170%
Fayetteville Fire Department	89,725.39	0.262723%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Fitzgerald Fire Department	\$ 38,453.74	0.112596%
Five Area Volunteer Fire Department	43,580.90	0.127608%
Five Points Fire District - Macon County	15,381.50	0.045038%
Flinthill Fire Department	7,690.75	0.022519%
Flovilla Fire Department	2,563.58	0.007506%
Forest Park Fire Department	130,742.71	0.382825%
Forsyth County Fire Department	379,410.23	1.110944%
Forsyth Fire Department	25,635.83	0.075064%
Fort Oglethorpe Fire Department	17,945.08	0.052545%
Fort Valley Fire Department	43,580.90	0.127608%
Franklin Springs Fire Department	23,072.24	0.067557%
Fulton County Fire Department	274,303.34	0.803183%
Gainesville Fire Department	253,794.68	0.743132%
Garden City Fire Department	46,144.49	0.135115%
Garfield Volunteer Fire Department	30,762.99	0.090077%
Georgia Firefighters Pension Fund Employee	23,072.24	0.067557%
Georgia Public Safety Training	15,381.50	0.045038%
Gibson Fire Department	25,635.83	0.075064%
Gilmer County Fire Department	35,890.16	0.105089%
Glade Volunteer Fire Department	15,381.50	0.045038%
Glennville Fire Department	7,690.75	0.022519%
Glenwood Volunteer Fire Department	15,381.50	0.045038%
Glynn County Fire Department	117,924.80	0.345293%
Gordon County Fire Department	112,797.64	0.330281%
Gore Volunteer Fire Department	0.00	0.000000%
Grady County Volunteer Fire Department	123,051.97	0.360306%
Gray Fire Department	25,635.83	0.075064%
Greensboro Fire Department	17,945.08	0.052545%
Greshamville Volunteer Fire Department	23,072.24	0.067557%
Gresston Volunteer Fire Department	10,254.33	0.030026%
Griffin Fire Department	146,124.21	0.427864%
Grovetown Fire Department	5,127.17	0.015013%
Gumlog Volunteer Fire Department	12,817.91	0.037532%
Guyton Volunteer Fire Department	2,563.58	0.007506%
Gwinnett County Fire Department	1,932,941.31	5.659811%
Habersham County Fire Department	82,034.64	0.240204%
Hahira Fire Department	7,690.75	0.022519%
Hall County Fire Department	671,658.65	1.966672%
Hamilton Volunteer Fire Department	12,817.91	0.037532%





Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Hapeville Fire Department	\$ 74,343.90	0.217685%
Haralson County Fire Department	33,326.57	0.097583%
Harlem Fire Department	41,017.32	0.120102%
Harrisburg Volunteer Fire Department	38,453.74	0.112596%
Harrison Volunteer Fire Department	25,635.83	0.075064%
Hart County Fire Department	143,560.63	0.420357%
Hartwell Fire Department	82,034.64	0.240204%
Hazlehurst Fire Department	28,199.41	0.082570%
Heard County Fire Department	48,708.07	0.142621%
Helen Fire Department, City Of	2,563.58	0.007506%
Henry County Fire Department	563,988.18	1.651404%
Hephzibah Fire Department	28,199.41	0.082570%
Hickory Flat Fire Department	7,690.75	0.022519%
Higgston Volunteer Fire Department	2,563.58	0.007506%
Hinesville Fire Department	89,725.39	0.262723%
Hinton Volunteer Fire Department	5,127.17	0.015013%
Hoboken Volunteer Fire Department	12,817.91	0.037532%
Holland Volunteer Fire Department	5,127.17	0.015013%
Holly Springs Fire Department	2,563.58	0.007506%
Homer Volunteer Fire Department	15,381.50	0.045038%
Hortense Volunteer Fire Department	5,127.17	0.015013%
Houston County Fire Department	23,072.24	0.067557%
Hull Volunteer Fire Department	17,945.08	0.052545%
Ideal Fire Department	5,127.17	0.015013%
Ila Volunteer Fire Department	20,508.66	0.060051%
Iron City Volunteer Fire Department	5,127.17	0.015013%
Isle of Hope Fire Department	20,508.66	0.060051%
Jackson Fire Department	17,945.08	0.052545%
Jackson Trail Fire Department	15,381.50	0.045038%
Jasper County Emergency Services	43,580.90	0.127608%
Jasper Fire Department	25,635.83	0.075064%
Jefferson County Fire Department	28,199.41	0.082570%
Jefferson Fire Department	38,453.74	0.112596%
Jekyll Island Fire Department	10,254.33	0.030026%
Jesup Fire Department	38,453.74	0.112596%
Johns Creek Fire Department	202,523.03	0.593004%
Jones County Fire Department	64,089.57	0.187660%
Kings Bay Fire Department	0.00	0.000000%
Kingsland Fire Department	17,945.08	0.052545%





<b>Employers</b>	<b>2017 State Pension Support Provided To The Employers</b>	<b>Employer Allocation Percentage</b>
Lafayette Fire Department	\$ 5,127.17	0.015013%
Lagrange Fire Department	130,742.71	0.382825%
Lamar County Fire Department	28,199.41	0.082570%
Laurens County Fire Department	99,979.72	0.292749%
Lavonia Fire Department	82,034.64	0.240204%
Leesburg (Lee County ) Fire Department	30,762.99	0.090077%
Leslie Volunteer Fire Department	7,690.75	0.022519%
Liberty Volunteer Fire Department	10,254.33	0.030026%
Lincolnton Fire Department	25,635.83	0.075064%
Line Volunteer Fire Department	20,508.66	0.060051%
Loco Volunteer Fire Department	51,271.65	0.150128%
Loganville Fire Department	38,453.74	0.112596%
Louisville Fire Department	53,835.24	0.157634%
Lowndes County Fire Department	66,653.15	0.195166%
Ludowici - Long County Volunteer Fire Department	17,945.08	0.052545%
Lumpkin County Volunteer Fire Department	51,271.65	0.150128%
Lyerly Fire Department	7,690.75	0.022519%
Macon-Bibb Fire Department	910,071.84	2.664765%
Madison Fire Department	43,580.90	0.127608%
Manchester Fire Department	51,271.65	0.150128%
Marietta Fire Department	320,447.83	0.938298%
Martins Crossroads Volunteer Fire Department	41,017.32	0.120102%
Maxeys Volunteer Fire Department	12,817.91	0.037532%
Maysville Fire Department	10,254.33	0.030026%
McDonough Fire Department	51,271.65	0.150128%
McDuffie County Fire Service	28,199.41	0.082570%
McIntosh County Volunteer Fire Department	0.00	0.000000%
Mcintyre Fire Department	17,945.08	0.052545%
McRae Fire Department	33,326.57	0.097583%
Meansville Fire Department	5,127.17	0.015013%
Meeks Volunteer Fire Department	0.00	0.000000%
Menlo Fire Department	30,762.99	0.090077%
Meriwether County Fire Department	23,072.24	0.067557%
Metter Fire Department	30,762.99	0.090077%
Midway - Liberty County Fire Department	0.00	0.000000%
Midway Volunteer Fire Department	23,072.24	0.067557%
Milan Fire Department	17,945.08	0.052545%
Milledgeville Fire Department	43,580.90	0.127608%
Millen Fire Department	51,271.65	0.150128%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Minton's Chapel Fire Department	\$ 5,127.17	0.015013%
Mitchell Volunteer Fire Department	2,563.58	0.007506%
Mitchell Volunteer Fire Department (Glascock County )	15,381.50	0.045038%
Monroe County Fire Department	74,343.90	0.217685%
Monroe Fire Department	48,708.07	0.142621%
Montezuma Fire Department	56,398.82	0.165140%
Moores Chapel Volunteer Fire Department	10,254.33	0.030026%
Morgan County Fire Department	184,577.95	0.540459%
Morrow Fire Department	61,525.98	0.180153%
Moultrie Fire Department	87,161.81	0.255217%
Mount Vernon Fire Department	28,199.41	0.082570%
Murray County Fire Department	64,089.57	0.187660%
Nahunta Fire Department	30,762.99	0.090077%
Nashville Fire Department	53,835.24	0.157634%
Neese - Sanford Fire Department	2,563.58	0.007506%
New Lois Volunteer Fire Department	5,127.17	0.015013%
New Salem Fire & Rescue	23,072.24	0.067557%
Newington Fire Department	2,563.58	0.007506%
Newnan Fire Department	120,488.38	0.352800%
Newton County Fire Department	166,632.87	0.487915%
Nicholson Area Fire Department	38,453.74	0.112596%
Norristown Rural Fire Department	2,563.58	0.007506%
North Jackson Fire Department	38,453.74	0.112596%
North Jenkins County Volunteer Fire Department	12,817.91	0.037532%
North Mitchell County Volunteer Fire Department	15,381.50	0.045038%
Northside (Upson County ) Fire Department	0.00	0.000000%
O'Neal Fire Department	5,127.17	0.015013%
Ocilla Fire Department	2,563.58	0.007506%
Oconee County Volunteer Fire Department	179,450.79	0.525447%
Oconee Volunteer Fire Department	28,199.41	0.082570%
Odum Volunteer Fire Department	25,635.83	0.075064%
Oglethorpe Fire Department	10,254.33	0.030026%
Old Salem Volunteer Fire Department	10,254.33	0.030026%
Palmetto Fire Department	17,945.08	0.052545%
Panhandle Volunteer Fire Department	5,127.17	0.015013%
Paulding County Fire Department	374,283.07	1.095932%
Pavo Vol Fire Department	5,127.17	0.015013%
Peach County Fire Department	56,398.82	0.165140%
Peachtree City Fire Department	174,323.62	0.510434%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Pembroke Fire Department	\$ 15,381.50	0.045038%
Perry Fire Department	58,962.40	0.172647%
Pickens County Fire Department	20,508.66	0.060051%
Pike County Emergency Services	12,817.91	0.037532%
Pine Mountain Fire Department	17,945.08	0.052545%
Pine Mountain Valley Fire Department	7,690.75	0.022519%
Pine Valley Volunteer Fire Department	0.00	0.000000%
Pinehurst Fire Department	30,762.99	0.090077%
Plainview Fire Department	28,199.41	0.082570%
Pleasant Hill Volunteer Fire Department	2,563.58	0.007506%
Poca Volunteer Fire Department	17,945.08	0.052545%
Polk County Volunteer Fire Department	28,199.41	0.082570%
Pooler Fire Department	151,251.38	0.442876%
Port Wentworth Fire Department	10,254.33	0.030026%
Poulan Fire Department	12,817.91	0.037532%
Pulaski County Fire Department	56,398.82	0.165140%
Putnam County Fire Department	82,034.64	0.240204%
Quitman Fire Department	10,254.33	0.030026%
Rabun County Fire Department	197,395.86	0.577991%
Randolph County Ema Fire & Rescue	2,563.58	0.007506%
Rayle Fire Department	25,635.83	0.075064%
Red Hill Volunteer Fire Department	35,890.16	0.105089%
Red Oak Volunteer Fire Department	23,072.24	0.067557%
Reidsville Fire Department	41,017.32	0.120102%
Reynolds Fire Department	15,381.50	0.045038%
Rhine Volunteer Fire Department	7,690.75	0.022519%
Richland Volunteer Fire Department	10,254.33	0.030026%
Richmond Hill Fire Department	46,144.49	0.135115%
Riddleville Volunteer Fire Department	38,453.74	0.112596%
Rincon Fire Department	23,072.24	0.067557%
Riverdale Fire Department	30,762.99	0.090077%
Rochelle Fire Department	12,817.91	0.037532%
Rock Hill Volunteer Fire Department	2,563.58	0.007506%
Rockdale County Fire Department	305,066.33	0.893259%
Rockmart Fire Department	35,890.16	0.105089%
Rome Fire Department	361,465.15	1.058400%
Rossville Fire Department	2,563.58	0.007506%
Roswell Fire Department	48,708.07	0.142621%
Royston Fire Department	38,453.74	0.112596%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Saint Marys Fire Department	\$ 15,381.50	0.045038%
Salem Volunteer Fire Department	5,127.17	0.015013%
Sandersville Fire Department	41,017.32	0.120102%
Sandy Springs Fire Department	212,777.36	0.623030%
Savannah Airport Fire Department	41,017.32	0.120102%
Savannah Fire Department	892,126.76	2.612220%
Scotland Volunteer Fire Department	5,127.17	0.015013%
Scott Volunteer Fire Department	15,381.50	0.045038%
Screven County Fire Department	107,670.47	0.315268%
Screven Volunteer Fire Department	5,127.17	0.015013%
Shellman Volunteer Fire Department	15,381.50	0.045038%
Shiloh Volunteer Fire Department	5,127.17	0.015013%
Shiloh Volunteer Fire Department (Harris County )	7,690.75	0.022519%
Siloam Fire Department	12,817.91	0.037532%
Sky Valley - Scaly Mountain Fire Department	48,708.07	0.142621%
Smyrna Fire Department	176,887.20	0.517940%
Social Circle Fire Department	10,254.33	0.030026%
Soperton Fire Department	20,508.66	0.060051%
South Brooks Volunteer Fire Department	12,817.91	0.037532%
South Dade Volunteer Fire Department	2,563.58	0.007506%
South Jackson Volunteer Fire Department	15,381.50	0.045038%
South Jenkins District # 6 Volunteer Fire Department	28,199.41	0.082570%
South Jenkins Volunteer Fire Department	46,144.49	0.135115%
Southeast Cook County Volunteer Fire Department	2,563.58	0.007506%
Southside Fire Department	353,774.41	1.035880%
Spalding County Fire Department	120,488.38	0.352800%
Sparta Volunteer Fire Department	30,762.99	0.090077%
Stapleton Fire Department	12,817.91	0.037532%
Statesboro Fire Department	51,271.65	0.150128%
Stephens County Fire Department	169,196.45	0.495421%
Stillmore Fire Department	5,127.17	0.015013%
Subligna Fire Department	17,945.08	0.052545%
Summertown Volunteer Fire Department	12,817.91	0.037532%
Summerville Fire Department	43,580.90	0.127608%
Sumter County Fire Department	71,780.31	0.210179%
Swainsboro Fire Department	25,635.83	0.075064%
Sylvania Fire Department	30,762.99	0.090077%
Sylvester Fire Department	12,817.91	0.037532%
Taliaferro County Fire And Rescue Department	7,690.75	0.022519%



Employers	2017 State Pension Support Provided To The Employers	Employer Allocation Percentage
Tallapoosa Fire Department	\$ 5,127.17	0.015013%
Tarrytown Volunteer Fire Department	10,254.33	0.030026%
Tattnall County Fire Rescue	17,945.08	0.052545%
Tazewell Volunteer Fire Department	2,563.58	0.007506%
Teloga Fire Department	23,072.24	0.067557%
Tennille Fire Department	30,762.99	0.090077%
Thomas County Fire Rescue	61,525.98	0.180153%
Thomaston Fire Department	10,254.33	0.030026%
Thomasville Fire Rescue	69,216.73	0.202672%
Thomson Fire Department	7,690.75	0.022519%
Thunderbolt Fire Department	10,254.33	0.030026%
Thurston Volunteer Fire Department	2,563.58	0.007506%
Tift County Fire Rescue	135,869.88	0.397838%
Tifton Fire Department	84,598.23	0.247711%
Tignall Fire Department	48,708.07	0.142621%
Toccoa Fire Department	51,271.65	0.150128%
Toombsboro Volunteer Fire Department	2,563.58	0.007506%
Towns County Fire Department	92,288.98	0.270230%
Trenton Fire Department	5,127.17	0.015013%
Treutlen County Fire Department	7,690.75	0.022519%
Trion Fire Department	25,635.83	0.075064%
Troup County Fire Department	71,780.31	0.210179%
Turner County Fire and Rescue	30,762.99	0.090077%
Twin City Fire Department	17,945.08	0.052545%
Tybee Island Fire Department	20,508.66	0.060051%
Union City Fire Department	61,525.98	0.180153%
Union County Fire Department	41,017.32	0.120102%
Union Point Fire Department	5,127.17	0.015013%
Uvalda Fire Department	15,381.50	0.045038%
Valdosta Fire Department	174,323.62	0.510434%
Vesta Volunteer Fire Department	5,127.17	0.015013%
Vidalia Fire Department	7,690.75	0.022519%
Vienna Fire Department	53,835.24	0.157634%
Wadley Fire Department	17,945.08	0.052545%
Walker Church Volunteer Fire Department	7,690.75	0.022519%
Walker County Fire Department	74,343.90	0.217685%
Walthourville Volunteer Fire Department	2,563.58	0.007506%
Walton County Fire Department	202,523.03	0.593004%
Ware County Fire Department	48,708.07	0.142621%



<b>Employers</b>	<b>2017 State Pension Support Provided To The Employers</b>	<b>Employer Allocation Percentage</b>
Warm Springs Fire Department	\$ 7,690.75	0.022519%
Warner Robins Fire Department	297,375.59	0.870740%
Warren County Fire Department	10,254.33	0.030026%
Warrenton Fire Department	17,945.08	0.052545%
Warthen Volunteer Fire Department	10,254.33	0.030026%
Washington Fire Department	71,780.31	0.210179%
Waverly Hall Fire Department	20,508.66	0.060051%
Waycross Fire Department	112,797.64	0.330281%
Wayne County Fire Rescue	71,780.31	0.210179%
Waynesboro Fire Department	12,817.91	0.037532%
Waynesville Volunteer Fire & Rescue	17,945.08	0.052545%
Webster County Fire/Ems	64,089.57	0.187660%
West Jackson Fire Department	20,508.66	0.060051%
West Point Fire Department	33,326.57	0.097583%
Whigham Fire Department	25,635.83	0.075064%
White County Fire Department	33,326.57	0.097583%
White Plains Fire Department	25,635.83	0.075064%
Whitfield County Fire Department	228,158.86	0.668068%
Wilkes County Fire Service	71,780.31	0.210179%
Winder Fire Department	92,288.98	0.270230%
Winterville Volunteer Fire Department	15,381.50	0.045038%
Wolfskin Volunteer Fire Department	2,563.58	0.007506%
Woodstock Fire Department	102,543.31	0.300255%
Worth County Fire Department	15,381.50	0.045038%
Wrens Fire Department	28,199.41	0.082570%
Wrightsville Fire Department	35,890.16	0.105089%
Total State of Georgia	\$ <u>34,152,048.00</u>	<u>100.000000%</u>



**SCHEDULE B**

**GEORGIA FIREFIGHTERS' PENSION FUND**  
**Schedule of Pension Amounts by Employer as of June 30, 2017**

<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Abbeville Fire Department	\$ 86,063.45 \$	18,936.23
Adel Fire Department	381,138.14	83,860.46
Adrian Volunteer Firefighter	24,589.56	5,410.35
Ailey Fire Department	61,473.89	13,525.88
Alamo Fire Department	49,179.12	10,820.70
Alapaha Fire Department	24,589.56	5,410.35
Albany Fire Department	1,413,899.56	311,095.25
Allentown Volunteer Fire Department	147,537.35	32,462.11
Alma - Bacon County Fire Department	122,947.79	27,051.76
Alpharetta Fire Department	909,813.63	200,183.03
Americus Fire Department	405,727.70	89,270.81
Antioch Volunteer Fire Department	61,473.89	13,525.88
Appling County Fire Department	405,727.70	89,270.81
Arcade Fire Department	36,884.34	8,115.53
Arnoldsville Volunteer Fire Department	24,589.56	5,410.35
Ashburn Fire Department	49,179.12	10,820.70
Athens - Clarke County Fire & Emergency	2,188,470.62	481,521.35
Atkinson County Volunteer Fire Department	159,832.12	35,167.29
Atlanta Fire Department	7,499,815.06	1,650,157.42
Augusta Fire Department	2,717,146.11	597,843.92
Austell Fire Department	159,832.12	35,167.29
Avera Fire Department	110,653.01	24,346.58
Bainbridge Fire Department	12,294.78	2,705.18
Baldwin County Fire Department	725,391.95	159,605.39
Baldwin Fire Department	61,473.89	13,525.88
Banks County Fire Department	295,074.69	64,924.23
Barnesville Fire Department	73,768.67	16,231.06
Barrow County Fire Department	504,085.93	110,912.22
Bartow County Fire Department	1,008,171.86	221,824.44
Bartow Volunteer Fire Department	172,126.90	37,872.47
Barwick Fire Department	12,294.78	2,705.18





<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Baxley Fire Department	\$ 245,895.58	\$ 54,103.52
Beaverdam Volunteer Fire Department	49,179.12	10,820.70
Ben Epps Field - Athens Clarke County	12,294.78	2,705.18
Ben Hill Volunteer Fire Department	73,768.67	16,231.06
Bent Tree Volunteer Fire Department	12,294.78	2,705.18
Bethany - Salem Fire Department	36,884.34	8,115.53
Big Canoe Fire Department	73,768.67	16,231.06
Blackshear Fire Department	135,242.57	29,756.94
Blakely Fire Department	49,179.12	10,820.70
Bleckley County Fire Department	196,716.46	43,282.82
Bloomington Fire Department	86,063.45	18,936.23
Bold Springs Fire Department	282,779.91	62,219.05
Bremen Fire Department	73,768.67	16,231.06
Broxton Fire Department	36,884.34	8,115.53
Brunswick Fire Department	196,716.46	43,282.82
Bryan County Fire Department	196,716.46	43,282.82
Buckeye Volunteer Fire Department	73,768.67	16,231.06
Bulloch County Fire Department	442,612.04	97,386.34
Burke County Fire Department	319,664.25	70,334.58
Bush Field Fire Department	73,768.67	16,231.06
Butler Fire Department	147,537.35	32,462.11
Butts County Fire Department	172,126.90	37,872.47
Byromville Fire Department	172,126.90	37,872.47
Byron Fire Department	184,421.68	40,577.64
Cairo Fire Department	356,548.58	78,450.11
Calhoun Fire Department	491,791.15	108,207.04
Calvary Volunteer Fire Department	61,473.89	13,525.88
Camden County Fire Rescue	909,813.63	200,183.03
Camilla Fire Department	73,768.67	16,231.06
Canon Volunteer Fire Department	135,242.57	29,756.94
Canoochee Fire Department	159,832.12	35,167.29
Canton Fire Department	61,473.89	13,525.88
Carlton Volunteer Fire Department	147,537.35	32,462.11
Carnesville Volunteer Fire Department	147,537.35	32,462.11
Carroll County Fire Rescue	725,391.95	159,605.39
Carrollton Fire Department	811,455.40	178,541.62
Cartersville Fire Department	885,224.07	194,772.68





<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Cataula Volunteer Fire Department	\$ 110,653.01	\$ 24,346.58
Catoosa County Fire Department	430,317.26	94,681.16
Cave Spring Fire Department	36,884.34	8,115.53
Cedartown Fire Department	282,779.91	62,219.05
Centerville Fire Department	147,537.35	32,462.11
Charlton County Fire Department	24,589.56	5,410.35
Chatsworth Fire Department	110,653.01	24,346.58
Chauncey Volunteer Fire Department	12,294.78	2,705.18
Cherokee County Fire Department	4,106,456.11	903,528.82
Chester Volunteer Fire Department	24,589.56	5,410.35
City Of Chattahoochee Hills	49,179.12	10,820.70
City Of Milton Fire Department	602,444.16	132,553.63
Clarksville Fire Department	73,768.67	16,231.06
Claxton Fire Department	209,011.24	45,987.99
Clayton County Fire Department	3,590,075.41	789,911.42
Cleveland Fire Department	0.00	0.00
Cloudland Volunteer Fire Department	86,063.45	18,936.23
Cobb County Fire Department	7,180,150.81	1,579,822.84
Cobbtown Fire Department	135,242.57	29,756.94
Cochran Fire Department	49,179.12	10,820.70
Coffee County Fire Department	405,727.70	89,270.81
Cohutta Volunteer Fire Department	73,768.67	16,231.06
Colbert Fire Department	49,179.12	10,820.70
College Park Fire Department	590,149.38	129,848.45
Collins Volunteer Fire Department	36,884.34	8,115.53
Collins Volunteer Fire Department (Madison County )	36,884.34	8,115.53
Colquitt - Miller Fire Department	196,716.46	43,282.82
Colquitt County Volunteer Fire Association	442,612.04	97,386.34
Columbia County Fire Rescue	1,954,869.83	430,123.00
Columbus Fire & Emergency Medical Services	4,278,583.02	941,401.28
Comer Volunteer Fire Department	122,947.79	27,051.76
Commerce Fire Department	245,895.58	54,103.52
Cordele Fire Department	245,895.58	54,103.52
Cornelia Fire Department	86,063.45	18,936.23
Covington Fire Department	590,149.38	129,848.45
Coweta County Fire Department	1,684,384.69	370,609.13
Crawford County Volunteer Fire Department # 8	221,306.02	48,693.17



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Crisp County Fire Department	\$ 221,306.02	\$ 48,693.17
Cross - Green Volunteer Fire Department	0.00	0.00
Crossroad Volunteer Fire Department	36,884.34	8,115.53
Cusseta - Chattahoochee County Volunteer Fire Department	196,716.46	43,282.82
Dalton Fire Department	1,131,119.65	248,876.20
Danielsville Fire Department	73,768.67	16,231.06
Darien Fire Rescue	12,294.78	2,705.18
Davisboro Fire Department	233,600.80	51,398.35
Dawson County Fire Department	368,843.36	81,155.28
Dawson Fire Department	61,473.89	13,525.88
Dearing Fire Department	24,589.56	5,410.35
Decatur County Fire Department	98,358.23	21,641.41
Decatur Fire Department	319,664.25	70,334.58
Deepstep Area Fire Department	49,179.12	10,820.70
Dekalb County Fire Department	5,471,176.56	1,203,803.36
Demorest Fire Department	110,653.01	24,346.58
Devils Pond Volunteer Fire Department	24,589.56	5,410.35
Donalsonville Fire Department	172,126.90	37,872.47
Dooly County Fire Department	172,126.90	37,872.47
Double Churches Fire Department	122,947.79	27,051.76
Douglas County Fire Department	1,524,552.57	335,441.84
Douglas Fire Department	430,317.26	94,681.16
Dublin Fire Department	319,664.25	70,334.58
Early County Fire Department	12,294.78	2,705.18
East Berrien Fire Department	147,537.35	32,462.11
East Brooks Volunteer Fire Department	12,294.78	2,705.18
East Dublin Fire Department	12,294.78	2,705.18
East Point Fire Department	368,843.36	81,155.28
Eastern District Fire Department	12,294.78	2,705.18
Eastman Fire Department	159,832.12	35,167.29
Eatonton Fire Department	159,832.12	35,167.29
Echols County Volunteer Fire Department	110,653.01	24,346.58
Effingham County Fire Department	528,675.49	116,322.57
Elbert County Fire Department	1,069,645.75	235,350.32
Elberton Fire Department	172,126.90	37,872.47
Ellaville (Schley County) Fire Department	258,190.35	56,808.70
Ellerslie Fire Department	233,600.80	51,398.35



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Ellijay Fire Department	\$ 49,179.12	\$ 10,820.70
Emanuel County Rural Fire Department	24,589.56	5,410.35
Eton Fire Department	12,294.78	2,705.18
Evans County Fire & Rescue	295,074.69	64,924.23
Fairburn Fire Department	319,664.25	70,334.58
Fannin County Fire Department	331,959.03	73,039.75
Fayette County Fire Department	1,290,951.77	284,043.49
Fayetteville Fire Department	430,317.26	94,681.16
Fitzgerald Fire Department	184,421.68	40,577.64
Five Area Volunteer Fire Department	209,011.24	45,987.99
Five Points Fire District - Macon County	73,768.67	16,231.06
Flinthill Fire Department	36,884.34	8,115.53
Flovilla Fire Department	12,294.78	2,705.18
Forest Park Fire Department	627,033.72	137,963.98
Forsyth County Fire Department	1,819,627.26	400,366.06
Forsyth Fire Department	122,947.79	27,051.76
Fort Oglethorpe Fire Department	86,063.45	18,936.23
Fort Valley Fire Department	209,011.24	45,987.99
Franklin Springs Fire Department	110,653.01	24,346.58
Fulton County Fire Department	1,315,541.33	289,453.84
Gainesville Fire Department	1,217,183.10	267,812.43
Garden City Fire Department	221,306.02	48,693.17
Garfield Volunteer Fire Department	147,537.35	32,462.11
Georgia Firefighters Pension Fund Employee	110,653.01	24,346.58
Georgia Public Safety Training	73,768.67	16,231.06
Gibson Fire Department	122,947.79	27,051.76
Gilmer County Fire Department	172,126.90	37,872.47
Glade Volunteer Fire Department	73,768.67	16,231.06
Glennville Fire Department	36,884.34	8,115.53
Glenwood Volunteer Fire Department	73,768.67	16,231.06
Glynn County Fire Department	565,559.82	124,438.10
Gordon County Fire Department	540,970.27	119,027.75
Gore Volunteer Fire Department	0.00	0.00
Grady County Volunteer Fire Department	590,149.38	129,848.45
Gray Fire Department	122,947.79	27,051.76
Greensboro Fire Department	86,063.45	18,936.23
Greshamville Volunteer Fire Department	110,653.01	24,346.58



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Gresston Volunteer Fire Department	\$ 49,179.12	\$ 10,820.70
Griffin Fire Department	700,802.39	154,195.04
Grovetown Fire Department	24,589.56	5,410.35
Gumlog Volunteer Fire Department	61,473.89	13,525.88
Guyton Volunteer Fire Department	12,294.78	2,705.18
Gwinnett County Fire Department	9,270,263.21	2,039,702.78
Habersham County Fire Department	393,432.92	86,565.64
Hahira Fire Department	36,884.34	8,115.53
Hall County Fire Department	3,221,232.04	708,756.14
Hamilton Volunteer Fire Department	61,473.89	13,525.88
Hapeville Fire Department	356,548.58	78,450.11
Haralson County Fire Department	159,832.12	35,167.29
Harlem Fire Department	196,716.46	43,282.82
Harrisburg Volunteer Fire Department	184,421.68	40,577.64
Harrison Volunteer Fire Department	122,947.79	27,051.76
Hart County Fire Department	688,507.61	151,489.86
Hartwell Fire Department	393,432.92	86,565.64
Hazlehurst Fire Department	135,242.57	29,756.94
Heard County Fire Department	233,600.80	51,398.35
Helen Fire Department, City Of	12,294.78	2,705.18
Henry County Fire Department	2,704,851.33	595,138.74
Hephzibah Fire Department	135,242.57	29,756.94
Hickory Flat Fire Department	36,884.34	8,115.53
Higgston Volunteer Fire Department	12,294.78	2,705.18
Hinesville Fire Department	430,317.26	94,681.16
Hinton Volunteer Fire Department	24,589.56	5,410.35
Hoboken Volunteer Fire Department	61,473.89	13,525.88
Holland Volunteer Fire Department	24,589.56	5,410.35
Holly Springs Fire Department	12,294.78	2,705.18
Homer Volunteer Fire Department	73,768.67	16,231.06
Hortense Volunteer Fire Department	24,589.56	5,410.35
Houston County Fire Department	110,653.01	24,346.58
Hull Volunteer Fire Department	86,063.45	18,936.23
Ideal Fire Department	24,589.56	5,410.35
Ila Volunteer Fire Department	98,358.23	21,641.41
Iron City Volunteer Fire Department	24,589.56	5,410.35
Isle of Hope Fire Department	98,358.23	21,641.41



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Jackson Fire Department	\$ 86,063.45	\$ 18,936.23
Jackson Trail Fire Department	73,768.67	16,231.06
Jasper County Emergency Services	209,011.24	45,987.99
Jasper Fire Department	122,947.79	27,051.76
Jefferson County Fire Department	135,242.57	29,756.94
Jefferson Fire Department	184,421.68	40,577.64
Jekyll Island Fire Department	49,179.12	10,820.70
Jesup Fire Department	184,421.68	40,577.64
Johns Creek Fire Department	971,287.52	213,708.91
Jones County Fire Department	307,369.47	67,629.40
Kings Bay Fire Department	0.00	0.00
Kingsland Fire Department	86,063.45	18,936.23
Lafayette Fire Department	24,589.56	5,410.35
Lagrange Fire Department	627,033.72	137,963.98
Lamar County Fire Department	135,242.57	29,756.94
Laurens County Fire Department	479,496.37	105,501.87
Lavonia Fire Department	393,432.92	86,565.64
Leesburg (Lee County ) Fire Department	147,537.35	32,462.11
Leslie Volunteer Fire Department	36,884.34	8,115.53
Liberty Volunteer Fire Department	49,179.12	10,820.70
Lincolnton Fire Department	122,947.79	27,051.76
Line Volunteer Fire Department	98,358.23	21,641.41
Loco Volunteer Fire Department	245,895.58	54,103.52
Loganville Fire Department	184,421.68	40,577.64
Louisville Fire Department	258,190.35	56,808.70
Lowndes County Fire Department	319,664.25	70,334.58
Ludowici - Long County Volunteer Fire Department	86,063.45	18,936.23
Lumpkin County Volunteer Fire Department	245,895.58	54,103.52
Lyerly Fire Department	36,884.34	8,115.53
Macon-Bibb Fire Department	4,364,646.47	960,337.52
Madison Fire Department	209,011.24	45,987.99
Manchester Fire Department	245,895.58	54,103.52
Marietta Fire Department	1,536,847.35	338,147.01
Martins Crossroads Volunteer Fire Department	196,716.46	43,282.82
Maxeys Volunteer Fire Department	61,473.89	13,525.88
Maysville Fire Department	49,179.12	10,820.70
Mcdonough Fire Department	245,895.58	54,103.52



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
McDuffie County Fire Service	\$ 135,242.57	\$ 29,756.94
McIntosh County Volunteer Fire Department	0.00	0.00
Mcintyre Fire Department	86,063.45	18,936.23
McRae Fire Department	159,832.12	35,167.29
Meansville Fire Department	24,589.56	5,410.35
Meeks Volunteer Fire Department	0.00	0.00
Menlo Fire Department	147,537.35	32,462.11
Meriwether County Fire Department	110,653.01	24,346.58
Metter Fire Department	147,537.35	32,462.11
Midway - Liberty County Fire Department	0.00	0.00
Midway Volunteer Fire Department	110,653.01	24,346.58
Milan Fire Department	86,063.45	18,936.23
Milledgeville Fire Department	209,011.24	45,987.99
Millen Fire Department	245,895.58	54,103.52
Minton's Chapel Fire Department	24,589.56	5,410.35
Mitchell Volunteer Fire Department	12,294.78	2,705.18
Mitchell Volunteer Fire Department (GlascocK County )	73,768.67	16,231.06
Monroe County Fire Department	356,548.58	78,450.11
Monroe Fire Department	233,600.80	51,398.35
Montezuma Fire Department	270,485.13	59,513.87
Moores Chapel Volunteer Fire Department	49,179.12	10,820.70
Morgan County Fire Department	885,224.07	194,772.68
Morrow Fire Department	295,074.69	64,924.23
Moultrie Fire Department	418,022.48	91,975.99
Mount Vernon Fire Department	135,242.57	29,756.94
Murray County Fire Department	307,369.47	67,629.40
Nahunta Fire Department	147,537.35	32,462.11
Nashville Fire Department	258,190.35	56,808.70
Neese - Sanford Fire Department	12,294.78	2,705.18
New Lois Volunteer Fire Department	24,589.56	5,410.35
New Salem Fire & Rescue	110,653.01	24,346.58
Newington Fire Department	12,294.78	2,705.18
Newnan Fire Department	577,854.60	127,143.28
Newton County Fire Department	799,160.62	175,836.45
Nicholson Area Fire Department	184,421.68	40,577.64
Norristown Rural Fire Department	12,294.78	2,705.18
North Jackson Fire Department	184,421.68	40,577.64



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
North Jenkins County Volunteer Fire Department	\$ 61,473.89 \$	13,525.88
North Mitchell County Volunteer Fire Department	73,768.67	16,231.06
Northside (Upson County ) Fire Department	0.00	0.00
O'Neal Fire Department	24,589.56	5,410.35
Ocilla Fire Department	12,294.78	2,705.18
Oconee County Volunteer Fire Department	860,634.52	189,362.33
Oconee Volunteer Fire Department	135,242.57	29,756.94
Odum Volunteer Fire Department	122,947.79	27,051.76
Oglethorpe Fire Department	49,179.12	10,820.70
Old Salem Volunteer Fire Department	49,179.12	10,820.70
Palmetto Fire Department	86,063.45	18,936.23
Panhandle Volunteer Fire Department	24,589.56	5,410.35
Paulding County Fire Department	1,795,037.70	394,955.71
Pavo Vol Fire Department	24,589.56	5,410.35
Peach County Fire Department	270,485.13	59,513.87
Peachtree City Fire Department	836,044.96	183,951.97
Pembroke Fire Department	73,768.67	16,231.06
Perry Fire Department	282,779.91	62,219.05
Pickens County Fire Department	98,358.23	21,641.41
Pike County Emergency Services	61,473.89	13,525.88
Pine Mountain Fire Department	86,063.45	18,936.23
Pine Mountain Valley Fire Department	36,884.34	8,115.53
Pine Valley Volunteer Fire Department	0.00	0.00
Pinehurst Fire Department	147,537.35	32,462.11
Plainview Fire Department	135,242.57	29,756.94
Pleasant Hill Volunteer Fire Department	12,294.78	2,705.18
Poca Volunteer Fire Department	86,063.45	18,936.23
Polk County Volunteer Fire Department	135,242.57	29,756.94
Pooler Fire Department	725,391.95	159,605.39
Port Wentworth Fire Department	49,179.12	10,820.70
Poulan Fire Department	61,473.89	13,525.88
Pulaski County Fire Department	270,485.13	59,513.87
Putnam County Fire Department	393,432.92	86,565.64
Quitman Fire Department	49,179.12	10,820.70
Rabun County Fire Department	946,697.97	208,298.56
Randolph County Ema Fire & Rescue	12,294.78	2,705.18
Rayle Fire Department	122,947.79	27,051.76





<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Red Hill Volunteer Fire Department	\$ 172,126.90	\$ 37,872.47
Red Oak Volunteer Fire Department	110,653.01	24,346.58
Reidsville Fire Department	196,716.46	43,282.82
Reynolds Fire Department	73,768.67	16,231.06
Rhine Volunteer Fire Department	36,884.34	8,115.53
Richland Volunteer Fire Department	49,179.12	10,820.70
Richmond Hill Fire Department	221,306.02	48,693.17
Riddleville Volunteer Fire Department	184,421.68	40,577.64
Rincon Fire Department	110,653.01	24,346.58
Riverdale Fire Department	147,537.35	32,462.11
Rochelle Fire Department	61,473.89	13,525.88
Rock Hill Volunteer Fire Department	12,294.78	2,705.18
Rockdale County Fire Department	1,463,078.68	321,915.96
Rockmart Fire Department	172,126.90	37,872.47
Rome Fire Department	1,733,563.81	381,429.83
Rossville Fire Department	12,294.78	2,705.18
Roswell Fire Department	233,600.80	51,398.35
Royston Fire Department	184,421.68	40,577.64
Saint Marys Fire Department	73,768.67	16,231.06
Salem Volunteer Fire Department	24,589.56	5,410.35
Sandersville Fire Department	196,716.46	43,282.82
Sandy Springs Fire Department	1,020,466.64	224,529.62
Savannah Airport Fire Department	196,716.46	43,282.82
Savannah Fire Department	4,278,583.02	941,401.28
Scotland Volunteer Fire Department	24,589.56	5,410.35
Scott Volunteer Fire Department	73,768.67	16,231.06
Screven County Fire Department	516,380.71	113,617.40
Screven Volunteer Fire Department	24,589.56	5,410.35
Shellman Volunteer Fire Department	73,768.67	16,231.06
Shiloh Volunteer Fire Department	24,589.56	5,410.35
Shiloh Volunteer Fire Department (Harris County )	36,884.34	8,115.53
Siloam Fire Department	61,473.89	13,525.88
Sky Valley - Scaly Mountain Fire Department	233,600.80	51,398.35
Smyrna Fire Department	848,339.74	186,657.15
Social Circle Fire Department	49,179.12	10,820.70
Soperton Fire Department	98,358.23	21,641.41
South Brooks Volunteer Fire Department	61,473.89	13,525.88





<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
South Dade Volunteer Fire Department	\$ 12,294.78	\$ 2,705.18
South Jackson Volunteer Fire Department	73,768.67	16,231.06
South Jenkins District # 6 Volunteer Fire Department	135,242.57	29,756.94
South Jenkins Volunteer Fire Department	221,306.02	48,693.17
Southeast Cook County Volunteer Fire Department	12,294.78	2,705.18
Southside Fire Department	1,696,679.47	373,314.30
Spalding County Fire Department	577,854.60	127,143.28
Sparta Volunteer Fire Department	147,537.35	32,462.11
Stapleton Fire Department	61,473.89	13,525.88
Statesboro Fire Department	245,895.58	54,103.52
Stephens County Fire Department	811,455.40	178,541.62
Stillmore Fire Department	24,589.56	5,410.35
Subligna Fire Department	86,063.45	18,936.23
Summertown Volunteer Fire Department	61,473.89	13,525.88
Summerville Fire Department	209,011.24	45,987.99
Sumter County Fire Department	344,253.81	75,744.93
Swainsboro Fire Department	122,947.79	27,051.76
Sylvania Fire Department	147,537.35	32,462.11
Sylvester Fire Department	61,473.89	13,525.88
Taliaferro County Fire And Rescue Department	36,884.34	8,115.53
Tallapoosa Fire Department	24,589.56	5,410.35
Tarrytown Volunteer Fire Department	49,179.12	10,820.70
Tattnall County Fire Rescue	86,063.45	18,936.23
Tazewell Volunteer Fire Department	12,294.78	2,705.18
Teloga Fire Department	110,653.01	24,346.58
Tennille Fire Department	147,537.35	32,462.11
Thomas County Fire Rescue	295,074.69	64,924.23
Thomaston Fire Department	49,179.12	10,820.70
Thomasville Fire Rescue	331,959.03	73,039.75
Thomson Fire Department	36,884.34	8,115.53
Thunderbolt Fire Department	49,179.12	10,820.70
Thurston Volunteer Fire Department	12,294.78	2,705.18
Tift County Fire Rescue	651,623.28	143,374.33
Tifton Fire Department	405,727.70	89,270.81
Tignall Fire Department	233,600.80	51,398.35
Toccoa Fire Department	245,895.58	54,103.52
Toombsboro Volunteer Fire Department	12,294.78	2,705.18



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
Towns County Fire Department	\$ 442,612.04	\$ 97,386.34
Trenton Fire Department	24,589.56	5,410.35
Treutlen County Fire Department	36,884.34	8,115.53
Trion Fire Department	122,947.79	27,051.76
Troup County Fire Department	344,253.81	75,744.93
Turner County Fire and Rescue	147,537.35	32,462.11
Twin City Fire Department	86,063.45	18,936.23
Tybee Island Fire Department	98,358.23	21,641.41
Union City Fire Department	295,074.69	64,924.23
Union County Fire Department	196,716.46	43,282.82
Union Point Fire Department	24,589.56	5,410.35
Uvalda Fire Department	73,768.67	16,231.06
Valdosta Fire Department	836,044.96	183,951.97
Vesta Volunteer Fire Department	24,589.56	5,410.35
Vidalia Fire Department	36,884.34	8,115.53
Vienna Fire Department	258,190.35	56,808.70
Wadley Fire Department	86,063.45	18,936.23
Walker Church Volunteer Fire Department	36,884.34	8,115.53
Walker County Fire Department	356,548.58	78,450.11
Walthourville Volunteer Fire Department	12,294.78	2,705.18
Walton County Fire Department	971,287.52	213,708.91
Ware County Fire Department	233,600.80	51,398.35
Warm Springs Fire Department	36,884.34	8,115.53
Warner Robins Fire Department	1,426,194.34	313,800.43
Warren County Fire Department	49,179.12	10,820.70
Warrenton Fire Department	86,063.45	18,936.23
Warthen Volunteer Fire Department	49,179.12	10,820.70
Washington Fire Department	344,253.81	75,744.93
Waverly Hall Fire Department	98,358.23	21,641.41
Waycross Fire Department	540,970.27	119,027.75
Wayne County Fire Rescue	344,253.81	75,744.93
Waynesboro Fire Department	61,473.89	13,525.88
Waynesville Volunteer Fire & Rescue	86,063.45	18,936.23
Webster County Fire/Ems	307,369.47	67,629.40
West Jackson Fire Department	98,358.23	21,641.41
West Point Fire Department	159,832.12	35,167.29
Whigham Fire Department	122,947.79	27,051.76



<b>Employers</b>	<b>State's Proportionate Share of the Net Pension Liability Associated with the Employer</b>	<b>Employer Pension Expense and Revenue For State Support</b>
White County Fire Department	\$ 159,832.12	\$ 35,167.29
White Plains Fire Department	122,947.79	27,051.76
Whitfield County Fire Department	1,094,235.31	240,760.67
Wilkes County Fire Service	344,253.81	75,744.93
Winder Fire Department	442,612.04	97,386.34
Winterville Volunteer Fire Department	73,768.67	16,231.06
Wolfskin Volunteer Fire Department	12,294.78	2,705.18
Woodstock Fire Department	491,791.15	108,207.04
Worth County Fire Department	73,768.67	16,231.06
Wrens Fire Department	135,242.57	29,756.94
Wrightsville Fire Department	172,126.90	37,872.47
Total State of Georgia	\$ <u>163,791,043.00</u>	\$ <u>36,038,356.00</u>



**SCHEDULE C**

**SUMMARY OF BENEFIT PROVISIONS VALUED**

**JUNE 30, 2017**

**Current Plan Provisions:** The plan provisions and contribution revenue are established under Chapter 7 of Title 47 of the Official Code of Georgia. The Chapter has established a five-member Board of Trustees to administer the Fund. The Georgia Legislature has sole authority to change plan provisions, except that the Fund's Trustees may approve ad hoc cost-of-living adjustments each six months not exceeding 1½% per increase. The Georgia Legislature also determines sources of revenues to the Fund from the State and from Members. Employers are not required to make contributions to this fund.

**Effective Date:** 1955

**Most Recent Amendment Effective Date:** July 1, 2017.

**Type of Plan:** A defined benefit, public employee retirement system funded by Member contributions and tax revenues on insurance premiums in protected areas.

**Eligibility:** Any person employed as a firefighter or enrolled as a volunteer firefighter making required monthly dues. Members of Peace Officers' Annuity and Benefit Fund are excluded. Regular employees of the fund are eligible.

**Credited Service:** All service as a Member of the fund rendered while a firefighter or volunteer firefighter excluding years for volunteer firefighters who do not meet attendance, meeting or drill requirements and excluding any leave of absence time. The Board may calculate Credited Service on a monthly basis.



**Normal Retirement Date:** Full benefits paid at age 55 with at least 25 years of service. Reduced benefits paid if Member has at least 15 years of service.

**Early Retirement Date:** Age 50 with at least 15 years of service.

**Retirement Benefit at Normal Retirement Date:** A monthly retirement income increased 2% for each complete year of service over 25. If credited service is less than 25, the \$904 per month is reduced by the ratio of credited service divided by 25 years. The \$904 benefit is derived as follows:

	<u>Change</u>	<u>Total Benefit</u>
Benefit under Code Sec. 47-7-102(3) effective 7/1/1990	= \$570	\$570
6% Increase to offset State Income Tax under Code Sec. 47-1-30	= 34	604
3% COLA adjustment on 8/1/1993	= 18	622
1½% COLA adjustment on 1/1/1994	= 9	631
1½% COLA adjustment on 7/1/1994	= 9	640
1½% COLA adjustment on 1/1/1995	= 10	650
1½% COLA adjustment on 7/1/1995	= 10	660
1½% COLA adjustment on 1/1/1996	= 10	670
1½% COLA adjustment on 7/1/1996	= 10	680
1½% COLA adjustment on 1/1/1997	= 10	690
1½% COLA adjustment on 7/1/1997	= 10	700
1½% COLA adjustment on 7/1/1998	= 10	710
1½% COLA adjustment on 7/1/1999	= 11	721
1½% COLA adjustment on 1/1/2000	= 11	732
1½% COLA adjustment on 7/1/2000	= 11	743
1½% COLA adjustment on 7/1/2001	= 11	754
1½% COLA adjustment on 7/1/2003	= 11	765
1½% COLA adjustment on 1/1/2004	= 11	776
1½% COLA adjustment on 7/1/2004	= 12	788
1½% COLA adjustment on 1/1/2005	= 12	800
1½% COLA adjustment on 7/1/2005	= 12	812
1½% COLA adjustment on 1/1/2006	= 12	824
1½% COLA adjustment on 7/1/2006	= 12	836
1½% COLA adjustment on 1/1/2007	= 13	849
1½% COLA adjustment on 7/1/2007	= 13	862
1½% COLA adjustment on 1/1/2008	= 13	875
¾% COLA adjustment on 7/1/2008	= 7	882
1½% COLA adjustment on 7/1/2016	= 13	895
1% COLA adjustment on 7/1/2017	= 9	904
Total benefit amount		\$904



**Retirement Benefit at Early Retirement Date:** For retirement between ages 50 and 55, the benefit is reduced by 6% for each year which early retirement precedes age 55.

**Disability:** There is no longer a disability benefit.

**Vesting:** After completion of 15 years of service, a participant is 100% vested. If termination occurs prior to vesting, total member contributions are refunded, less 5%.

**Vesting Benefit:** The accrued benefit deferred to a minimum age 50.

**Death Benefits:** Prior to vesting, death benefit equals \$5,000.00. After vesting, the death benefit is as prescribed by the Code. A Member with 15 years of creditable service has coverage for his or her spouse in the event the Member dies prior to commencing benefits. The coverage percentage is 100% of what the Member would have received under a joint and 100% survivor option and is payable when the Member would have become age 55. If the Member is not married, his or her beneficiary will receive benefits under the ten year certain option. The Member's benefit is not reduced to reflect the cost of this option (other than the normal reduction for a joint and survivor annuity).

**Member Contributions (Dues):** \$25 per month. If Member terminates after 25 years of service but is not age 55, dues cease.

**Normal Form of Payment:** Life annuity.

**Optional Forms of Payment:** After retirement, the following options are available in exchange for an actuarial reduction in the Member's benefit.

- A. Joint and Survivor Option at 100%, 75%,  $66\frac{2}{3}\%$ , or 50 percent continuation
- B. Ten Years Certain and Life Option



If a Joint and Survivor is elected and the spouse predeceases or divorces the Member, the benefit is increased (or “pops-up”) to the amount that would have been payable if the Joint and Survivor Option had not been elected. There is no charge to the Member for the pop-up provision.

**Reduction:** Benefits can be reduced if funds are insufficient.

**Postemployment Healthcare Benefits:** None.

**Cost-of-Living Allowance (COLA):** There is no automatic provision. The Board of Trustees can make ad hoc increases up to 1 ½% every six months.



**SCHEDULE D**

**STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS**

**INVESTMENT RETURN:** 6.00% compounded annually

**SEPARATIONS FROM ACTIVE SERVICE:** For death rates, the RP-2000 Employee Mortality Table projected to 2025 with Projection Scale BB was used. Representative values of the assumed annual rates of separation from active service are as follows:

<u>Age</u>	<u>Annual Rate of</u>			
	<u>Withdrawal</u>		<u>Death</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
20	7.00%	10.00%	0.032%	0.018%
25	5.50	8.50	0.035	0.019
30	5.00	8.50	0.041	0.025
35	4.00	8.50	0.072	0.044
40	3.25	6.00	0.100	0.066
45	3.25	5.00	0.140	0.104
50	3.25	5.00	0.198	0.156
55	4.50	6.00	0.281	0.223

**RETIREMENT:** Members who have worked at least 15 years are assumed to retire at the following rates:

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
50	15.0%	58	18.0%
51	10.0	59	18.0
52	10.0	60	22.0
53	10.0	61	25.0
54	25.0	62	22.0
55	25.0	63	24.0
56	20.0	64	40.0
57	18.0	65	100.0





**DEATHS AFTER RETIREMENT:** The RP-2000 Blue Collar Mortality Table projected to 2025 with projection scale BB set forward 1 year for males and set forward 4 years for females is used for the period after retirement and for dependent beneficiaries. For current disability retirees, mortality rates are based on the RP-2000 Disabled Mortality Table projected to 2025 with projection scale BB set forward 5 years for males and set forward 3 years for females, however there are no longer any disability benefits included in the plan.

**PERCENT MARRIED:** 80% of active members are assumed to be married with the male three years older than his spouse.

**ACTUARIAL VALUE OF ASSETS METHOD:** Market Value of Assets.

**VALUATION METHOD:** Entry age actuarial cost method.

**DUES:** Expected dues are number of dues paying members times the annual dues rate.



## **SCHEDULE E**

### **FUNDING POLICY**

The purpose of this Funding Policy is to state the overall objectives for the Georgia Firefighters' Pension Fund (Plan), the benchmarks that will be used to measure progress in achieving those goals, and the methods and assumptions that will be employed to develop the benchmarks. It is the intent of the Board that the Funding Policy outlined herein will remain unchanged until the objectives below are met.

#### **I. Funding Objectives**

The goal in requiring state and member contributions to the Plan is to accumulate sufficient assets during a member's employment to fully finance the benefits the member is expected to receive throughout retirement. In meeting this objective, the Plan will strive to meet the following funding objectives:

- To maintain a stable or increasing funded ratio (ratio of actuarial value of assets to actuarial accrued liabilities) that reflects a trend of improved actuarial condition. The long-term objective is to obtain a 100% funded ratio over a reasonable period of future years.
- To maintain adequate asset levels to finance the benefits promised to members and monitor the future demand for liquidity.
- If required contribution amounts are larger than actual contributions or the funding ratio falls below 80%, than any benefit improvements should be funded through increases in contribution amounts.

#### **II. Measures of Funding Progress**

To track progress in achieving the Plan's funding objectives, the following measures will be determined annually as of the actuarial valuation date (with due recognition that a single year's results may not be indicative of long-term trends):

- **Funded ratio** – The funded ratio, defined as the actuarial value of assets divided by the actuarial accrued liability, should increase over time, before adjustments for changes in benefits, actuarial methods, and/or actuarial adjustments.
- **Unfunded Actuarial Accrued Liability (UAAL)**
  - **Transitional UAAL** – The UAAL established as of the initial valuation date for which this funding policy is adopted shall be known as the Transitional UAAL.



- **New Incremental UAAL** – Each subsequent valuation will produce a New Incremental UAAL consisting of all benefit changes, assumption and method changes and experience gains and/or losses that have occurred since the previous valuations.
- **UAAL Amortization Period**
  - The transitional UAAL will be amortized over a closed 30 year period beginning on the initial valuation date for which this funding policy is adopted.
  - Each New Incremental UAAL shall be amortized over a closed 30 year period beginning with the year it is incurred.
  - The amortization of UAAL will be developed using the level dollar methodology.
- **Contributions**
  - Contributions to the Plan will continue to come from tax revenues on insurance premiums in protected areas collected by the state.
  - In each valuation, the actuary will calculate a minimum required annual contribution amount based on the methods and assumptions outlined in this funding policy. The required state contribution amount will be determined as the summation of the Employer normal cost, the amortization amount for the Transitional UAAL and the individual amortization amount for each of the New Incremental UAAL bases.
  - In no event shall the required contribution amount be less than the Employer normal cost.
  - The valuation methodology, including the amortization of the Unfunded Actuarial Accrued Liability (UAAL), would be expected to maintain reasonably stable contribution amounts.

### **III. Methods and Assumptions**

The annual actuarial valuations providing the measures to assess funding progress will utilize the actuarial methods and assumptions last adopted by the Board based upon the advice and recommendations of the actuary. These include the following primary methods and assumptions:

- The actuarial cost method used to develop the benchmarks will be the Entry Age Normal (EAN) actuarial cost method.
- The long-term annual investment rate of return assumption will be 6.00% net of investment expenses.
- The actuarial value of assets will be determined by recognizing the annual differences between actual and expected market value of assets over a five-year period.



The minimum required contribution amounts determined in an annual actuarial valuation will be at least sufficient to satisfy the annual normal cost of the Plan and amortize the UAAL as a level dollar amount over a period not to exceed 30 years. However, in no event, shall the contribution amount be less than the Employer normal cost.

The actuary shall conduct an investigation into the Plan's experience at least every six years and utilize the results of the investigation to form the basis for recommended assumptions and methods. Any changes to the recommended assumptions and methods that are approved by the Board will be reflected in this Policy.

#### **IV. Funding Policy Progress**

The Board will periodically have actuarial projections of the valuation results performed to assess the current and expected future progress towards the overall funding goals of the Plan. These periodic projections will provide the expected valuation results over at least a 30-year period. The projected measures of funding progress and the recent historical trend provided in valuations will provide important information for the Board's assessment of the Plan's funding progress.