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GASB STATEMENT NO. 68 REPORT

FOR THE

GEORGIA FIREFIGHTERS'

PENSION FUND

PREPARED AS OF JUNE 30, 2018





Cavanaugh Macdonald

CONSULTING, LLC

The experience and dedication you deserve

February 8, 2019

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, 2018 (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, 2018. 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
February 8, 2019
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'. The signature is written in a cursive style with a prominent initial 'E'.

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

A handwritten signature in blue ink that reads 'Ben Mobley'. The signature is written in a cursive style with a prominent initial 'B'.

Ben D. Mobley, ASA, FCA, 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, 2018

SECTION I - SUMMARY OF COLLECTIVE AMOUNTS

Valuation Date (VD):	June 30, 2018
Measurement Date (MD):	June 30, 2018
Reporting Date (RD):	June 30, 2019
Single Equivalent Interest Rate (SEIR):	
Long-Term Expected Rate of Return	6.00%
Municipal Bond Index Rate at Measurement Date	3.89%
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%
Net Pension Liability:	
Total Pension Liability (TPL)	\$1,065,924,289
Fiduciary Net Position (FNP)	<u>894,870,607</u>
Net Pension Liability (NPL = TPL – FNP)	\$ 171,053,682
FNP as a percentage of TPL	83.95%
Collective Pension Expense (PE):	\$43,330,422
Collective Deferred Outflows of Resources:	\$36,565,443
Collective Deferred Inflows of Resources:	\$17,774,410



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, 2018 (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, 2019 (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 October 26, 2018. 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, 2018 and submitted October 26, 2018 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, 2018. 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, 2018, there were two 1.0% Cost-of-Living Adjustments (COLA) granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of January 1, 2018 and July 1, 2018.

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, 2018 this number of years for the active members is 11.47. 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 7.19 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	13,322	11.47
b. Inactive Members	<u>7,934</u>	0.0
c. Total	21,256	
Weighted Average Years of Future Service Life [(a1 x a2) + (b1 x b2)]/c1		7.19

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:



Collective Pension Expense Determined as of the Measurement Date	
Service Cost at end of year	\$19,713,340
Interest on the TPL and net cash flow	58,986,013
Current-period benefit changes	20,552,907
Expensed portion of current-period difference between expected and actual experience in the total pension liability	1,067,653
Expensed portion of current-period changes of assumptions	0
Member contributions	(4,359,344)
Projected earnings on plan investments	(50,316,261)
Expensed portion of current-period differences between projected and actual earnings on plan investments	(2,151,891)
Administrative expense	1,484,270
Other	0
Recognition of beginning deferred outflows of resources as pension expense	6,472,335
Recognition of beginning deferred inflows of resources as pension expense	<u>(8,118,600)</u>
Collective Pension Expense	<u>\$43,330,422</u>



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, 2018, using the following key actuarial assumptions:

Inflation	2.75 percent
Salary increases	N/A
Investment rate of return	6.00 percent, net of pension plan investment expense, and including inflation
Mortality	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, 2018 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%	2.20%
MBS	12.00%	0.71%
Core Bonds	10.50%	1.14%
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%	9.46%
Private Equity	5.00%	8.73%
Real Estate (Core)	5.00%	4.38%
Real Assets (Liquid)	<u>5.00%</u>	4.63%
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	\$313,594,031	\$171,053,682	\$53,386,130



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, 2018 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, two 1.0% Cost-of-Living Adjustments (COLA) were granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of January 1, 2018 and July 1, 2018.

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.

	Collective Deferred Outflows of Resources	Collective Deferred Inflows of Resources
Differences between expected and actual experience	\$7,072,692	\$8,984,114
Changes of actuarial assumptions	29,492,751	0
Net difference between projected and actual earnings on plan investments	<u>0</u>	<u>8,790,296</u>
Total	<u>\$36,565,443</u>	<u>\$17,774,410</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.

Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date:	
Year 1	\$ 11,092,597
Year 2	3,638,694
Year 3	(4,335,124)
Year 4	3,526,297
Year 5	3,763,999
Year 6	901,716
Year 7	202,854
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 2018 (c)	Balances as of June 30, 2019 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2018	\$7,676,425	\$ 0	\$1,067,653	\$6,608,772	\$0
2017	0	3,912,946	1,070,574	0	2,842,372
2016	771,150	0	307,230	463,920	0
2015	0	11,447,786	5,306,044	0	6,141,742
2014	0	0	0	0	0
Total				<u>\$7,072,692</u>	<u>\$8,984,114</u>

Collective Deferred Outflows and Inflows for Differences from Assumption Changes

Year	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense through 2018 (c)	Balances as of June 30, 2019 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2018	\$0	\$0	\$0	\$0	\$0
2017	0	0	0	0	0
2016	0	0	0	0	0
2015	54,972,451	0	25,479,700	29,492,751	0
2014	0	0	0	0	0
Total				<u>\$29,492,751</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 2018 (c)	Balances as of June 30, 2019 (Reporting Date)	
				Deferred Outflows (a) – (c)	Deferred Inflows (b) – (c)
2018	\$0	\$10,759,457	\$2,151,891	\$0	\$8,607,566
2017	0	39,307,119	15,722,848	0	23,584,271
2016	39,869,091	0	23,921,454	15,947,637	0
2015	37,269,512	0	29,815,608	7,453,904	0
2014	0	69,115,482	69,115,482	<u>0</u>	<u>0</u>
Total				<u>\$23,401,541</u>	<u>\$32,191,837</u>
Net Difference					<u>\$8,790,296</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:

2018:

- Two 1.0% Cost-of-Living Adjustments (COLA) were granted to retired members and beneficiaries and to the benefit rate for future retirees effective as of January 1, 2018 and July 1, 2018.

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, 2018 fiscal year contributions requirement is determined in the June 30, 2017 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, closed
Remaining amortization period	27.0 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, 2018

Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Abbeville Fire Department	\$ 18,542.37	0.051917%
Adel Fire Department	87,414.03	0.244753%
Adrian Volunteer Firefighter	5,297.82	0.014833%
Ailey Fire Department	13,244.55	0.037084%
Alamo Fire Department	7,946.73	0.022250%
Alapaha Fire Department	7,946.73	0.022250%
Albany Fire Department	304,624.65	0.852926%
Allentown Volunteer Fire Department	31,786.92	0.089001%
Alma - Bacon County Fire Department	31,786.92	0.089001%
Alpharetta Fire Department	211,912.80	0.593340%
Americus Fire Department	84,765.12	0.237336%
Antioch Volunteer Fire Department	42,382.56	0.118668%
Appling County Fire Department	95,360.76	0.267003%
Arcade Fire Department	7,946.73	0.022250%
Arnoldsville Volunteer Fire Department	7,946.73	0.022250%
Ashburn Fire Department	7,946.73	0.022250%
Athens - Clarke County Fire & Emergency	426,474.52	1.194096%
Atkinson County Volunteer Fire Department	39,733.65	0.111251%
Atlanta Fire Department	1,639,675.31	4.590966%
Augusta Fire Department	582,760.21	1.631684%
Austell Fire Department	34,435.83	0.096418%
Avera Fire Department	23,840.19	0.066751%
Bainbridge Fire Department	5,297.82	0.014833%
Baldwin County Fire Department	143,041.14	0.400504%
Baldwin Fire Department	10,595.64	0.029667%
Banks County Fire Department	66,222.75	0.185419%
Barnesville Fire Department	18,542.37	0.051917%
Barrow County Fire Department	119,200.95	0.333754%
Bartow County Fire Department	230,455.17	0.645257%
Bartow Volunteer Fire Department	37,084.74	0.103834%
Barwick Fire Department	0.00	0.000000%
Baxley Fire Department	52,978.20	0.148335%
Beaverdam Volunteer Fire Department	10,595.64	0.029667%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Ben Epps Field - Athens Clarke County	\$ 2,648.91	0.007417%
Ben Hill Volunteer Fire Department	18,542.37	0.051917%
Bent Tree Volunteer Fire Department	2,648.91	0.007417%
Bethany - Salem Fire Department	7,946.73	0.022250%
Big Canoe Fire Department	15,893.46	0.044500%
Blackshear Fire Department	29,138.01	0.081584%
Blakely Fire Department	10,595.64	0.029667%
Bleckley County Fire Department	39,733.65	0.111251%
Bloomington Fire Department	15,893.46	0.044500%
Bold Springs Fire Department	55,627.11	0.155752%
Bremen Fire Department	15,893.46	0.044500%
Broxtown Fire Department	7,946.73	0.022250%
Brunswick Fire Department	50,329.29	0.140918%
Bryan County Fire Department	55,627.11	0.155752%
Buckeye Volunteer Fire Department	15,893.46	0.044500%
Bulloch County Fire Department	108,605.31	0.304087%
Burke County Fire Department	82,116.21	0.229919%
Bush Field Fire Department	18,542.37	0.051917%
Butler Fire Department	42,382.56	0.118668%
Butts County Fire Department	37,084.74	0.103834%
Byromville Fire Department	39,733.65	0.111251%
Byron Fire Department	42,382.56	0.118668%
Cairo Fire Department	82,116.21	0.229919%
Calhoun Fire Department	103,307.49	0.289253%
Calvary Volunteer Fire Department	13,244.55	0.037084%
Camden County Fire Rescue	203,966.07	0.571090%
Camilla Fire Department	18,542.37	0.051917%
Canon Volunteer Fire Department	34,435.83	0.096418%
Canoochee Fire Department	29,138.01	0.081584%
Canton Fire Department	5,297.82	0.014833%
Carlton Volunteer Fire Department	29,138.01	0.081584%
Carnesville Volunteer Fire Department	26,489.10	0.074167%
Carroll County Fire Rescue	166,881.33	0.467255%
Carrollton Fire Department	161,583.51	0.452422%
Cartersville Fire Department	180,125.88	0.504339%
Cataula Volunteer Fire Department	23,840.19	0.066751%
Catoosa County Fire Department	100,658.58	0.281836%
Cave Spring Fire Department	5,297.82	0.014833%
Cedartown Fire Department	58,276.02	0.163168%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Centerville Fire Department	\$ 37,084.74	0.103834%
Charlton County Fire Department	5,297.82	0.014833%
Chatsworth Fire Department	31,786.92	0.089001%
Chauncey Volunteer Fire Department	2,648.91	0.007417%
Cherokee County Fire Department	950,958.70	2.662612%
Chester Volunteer Fire Department	5,297.82	0.014833%
City Of Chattahoochee Hills	13,244.55	0.037084%
City Of Milton Fire Department	140,392.23	0.393088%
Clarksville Fire Department	15,893.46	0.044500%
Claxton Fire Department	47,680.38	0.133501%
Clayton County Fire Department	760,237.18	2.128606%
Cloudland Volunteer Fire Department	18,542.37	0.051917%
Cobb County Fire Department	1,631,728.58	4.568716%
Cobbtown Fire Department	29,138.01	0.081584%
Cochran Fire Department	13,244.55	0.037084%
Coffee County Fire Department	79,467.30	0.222502%
Cohutta Volunteer Fire Department	0.00	0.000000%
Colbert Fire Department	7,946.73	0.022250%
College Park Fire Department	132,445.50	0.370837%
Collins Volunteer Fire Department	5,297.82	0.014833%
Collins Volunteer Fire Department (Madison County)	7,946.73	0.022250%
Colquitt - Miller Fire Department	39,733.65	0.111251%
Colquitt County Volunteer Fire Association	95,360.76	0.267003%
Columbia County Fire Rescue	439,719.07	1.231180%
Columbus Fire & Emergency Medical Services	927,118.51	2.595861%
Comer Volunteer Fire Department	26,489.10	0.074167%
Commerce Fire Department	63,573.84	0.178002%
Cordele Fire Department	50,329.29	0.140918%
Cornelia Fire Department	18,542.37	0.051917%
Covington Fire Department	129,796.59	0.363421%
Coweta County Fire Department	376,145.22	1.053178%
Crawford County Volunteer Fire Department # 8	45,031.47	0.126085%
Crisp County Fire Department	47,680.38	0.133501%
Crossroad Volunteer Fire Department	7,946.73	0.022250%
Cusseta - Chattahoochee County Volunteer Fire Department	37,084.74	0.103834%
Dalton Fire Department	248,997.54	0.697174%
Danielsville Fire Department	18,542.37	0.051917%
Darien Fire Rescue	2,648.91	0.007417%
Davisboro Fire Department	45,031.47	0.126085%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Dawson County Fire Department	\$ 98,009.67	0.274420%
Dawson Fire Department	13,244.55	0.037084%
Dearing Fire Department	5,297.82	0.014833%
Decatur County Fire Department	21,191.28	0.059334%
Decatur Fire Department	71,520.57	0.200252%
Deepstep Area Fire Department	13,244.55	0.037084%
Dekalb County Fire Department	1,290,019.19	3.611956%
Demorest Fire Department	29,138.01	0.081584%
Devils Pond Volunteer Fire Department	5,297.82	0.014833%
Donalsonville Fire Department	29,138.01	0.081584%
Dooly County Fire Department	42,382.56	0.118668%
Double Churches Fire Department	29,138.01	0.081584%
Douglas County Fire Department	320,518.11	0.897426%
Douglas Fire Department	90,062.94	0.252169%
Dublin Fire Department	63,573.84	0.178002%
Early County Fire Department	2,648.91	0.007417%
East Berrien Fire Department	31,786.92	0.089001%
East Brooks Volunteer Fire Department	2,648.91	0.007417%
East Dublin Fire Department	2,648.91	0.007417%
East Point Fire Department	92,711.85	0.259586%
Eastern District Fire Department	2,648.91	0.007417%
Eastman Fire Department	34,435.83	0.096418%
Eatonton Fire Department	31,786.92	0.089001%
Echols County Volunteer Fire Department	15,893.46	0.044500%
Effingham County Fire Department	116,552.04	0.326337%
Elbert County Fire Department	225,157.35	0.630423%
Elberton Fire Department	34,435.83	0.096418%
Ellaville (Schley County) Fire Department	52,978.20	0.148335%
Ellerslie Fire Department	52,978.20	0.148335%
Ellijay Fire Department	7,946.73	0.022250%
Emanuel County Rural Fire Department	5,297.82	0.014833%
Enigma Volunteer Fire Department	15,893.46	0.044500%
Eton Fire Department	2,648.91	0.007417%
Evans County Fire & Rescue	58,276.02	0.163168%
Fairburn Fire Department	63,573.84	0.178002%
Fairfield Plantation Fire Department	10,595.64	0.029667%
Fannin County Fire Department	74,169.48	0.207669%
Fayette County Fire Department	264,891.00	0.741675%
Fayetteville Fire Department	129,796.59	0.363421%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Fitzgerald Fire Department	\$ 37,084.74	0.103834%
Five Area Volunteer Fire Department	47,680.38	0.133501%
Five Points Fire District - Macon County	21,191.28	0.059334%
Flinthill Fire Department	7,946.73	0.022250%
Flovilla Fire Department	5,297.82	0.014833%
Forest Park Fire Department	148,338.96	0.415338%
Forsyth County Fire Department	399,985.42	1.119929%
Forsyth Fire Department	26,489.10	0.074167%
Fort Oglethorpe Fire Department	23,840.19	0.066751%
Fort Valley Fire Department	42,382.56	0.118668%
Franklin Springs Fire Department	26,489.10	0.074167%
Fulton County Fire Department	29,138.01	0.081584%
Gainesville Fire Department	267,539.91	0.749091%
Garden City Fire Department	47,680.38	0.133501%
Garfield Volunteer Fire Department	21,191.28	0.059334%
Georgia Firefighters Pension Fund Employee	21,191.28	0.059334%
Georgia Public Safety Training	15,893.46	0.044500%
Gibson Fire Department	29,138.01	0.081584%
Gilmer County Fire Department	63,573.84	0.178002%
Glade Volunteer Fire Department	15,893.46	0.044500%
Glennville Fire Department	7,946.73	0.022250%
Glenwood Volunteer Fire Department	13,244.55	0.037084%
Glynn County Fire Department	119,200.95	0.333754%
Gordon County Fire Department	111,254.22	0.311503%
Grady County Volunteer Fire Department	140,392.23	0.393088%
Gray Fire Department	29,138.01	0.081584%
Greensboro Fire Department	15,893.46	0.044500%
Greshamville Volunteer Fire Department	23,840.19	0.066751%
Gresston Volunteer Fire Department	7,946.73	0.022250%
Griffin Fire Department	145,690.05	0.407921%
Grovetown Fire Department	18,542.37	0.051917%
Gumlog Volunteer Fire Department	10,595.64	0.029667%
Guyton Volunteer Fire Department	0.00	0.000000%
Gwinnett County Fire Department	1,946,948.88	5.451309%
Habersham County Fire Department	98,009.67	0.274420%
Hahira Fire Department	10,595.64	0.029667%
Hall County Fire Department	641,036.23	1.794853%
Hamilton Volunteer Fire Department	10,595.64	0.029667%
Hapeville Fire Department	82,116.21	0.229919%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Haralson County Fire Department	\$ 34,435.83	0.096418%
Harlem Fire Department	42,382.56	0.118668%
Harrisburg Volunteer Fire Department	34,435.83	0.096418%
Harrison Volunteer Fire Department	21,191.28	0.059334%
Hart County Fire Department	161,583.51	0.452422%
Hartwell Fire Department	87,414.03	0.244753%
Hazlehurst Fire Department	29,138.01	0.081584%
Heard County Fire Department	47,680.38	0.133501%
Helen Fire Department, City Of	2,648.91	0.007417%
Henry County Fire Department	603,951.49	1.691018%
Hephzibah Fire Department	31,786.92	0.089001%
Hickory Flat Fire Department	2,648.91	0.007417%
Higgston Volunteer Fire Department	0.00	0.000000%
Hinesville Fire Department	84,765.12	0.237336%
Hinton Volunteer Fire Department	5,297.82	0.014833%
Hoboken Volunteer Fire Department	13,244.55	0.037084%
Holland Volunteer Fire Department	7,946.73	0.022250%
Holly Springs Fire Department	0.00	0.000000%
Homer Volunteer Fire Department	15,893.46	0.044500%
Hortense Volunteer Fire Department	5,297.82	0.014833%
Houston County Fire Department	31,786.92	0.089001%
Hull Volunteer Fire Department	21,191.28	0.059334%
Ideal Fire Department	5,297.82	0.014833%
Ila Volunteer Fire Department	21,191.28	0.059334%
Iron City Volunteer Fire Department	5,297.82	0.014833%
Irwinton Fire Department	2,648.91	0.007417%
Isle Of Hope Fire Department	21,191.28	0.059334%
Jackson Fire Department	10,595.64	0.029667%
Jackson Trail Fire Department	13,244.55	0.037084%
Jasper County Emergency Services	31,786.92	0.089001%
Jasper Fire Department	23,840.19	0.066751%
Jefferson County Fire Department	23,840.19	0.066751%
Jefferson Fire Department	42,382.56	0.118668%
Jekyll Island Fire Department	10,595.64	0.029667%
Jesup Fire Department	50,329.29	0.140918%
Johns Creek Fire Department	206,614.98	0.578506%
Jones County Fire Department	66,222.75	0.185419%
Kingsland Fire Department	21,191.28	0.059334%
Lafayette Fire Department	7,946.73	0.022250%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Lagrange Fire Department	\$ 135,094.41	0.378254%
Lamar County Fire Department	31,786.92	0.089001%
Laurens County Fire Department	108,605.31	0.304087%
Lavonia Fire Department	74,169.48	0.207669%
Leesburg (Lee County) Fire Department	39,733.65	0.111251%
Leslie Volunteer Fire Department	5,297.82	0.014833%
Liberty Volunteer Fire Department	7,946.73	0.022250%
Lincolnton Fire Department	29,138.01	0.081584%
Line Volunteer Fire Department	18,542.37	0.051917%
Loco Volunteer Fire Department	68,871.66	0.192835%
Loganville Fire Department	37,084.74	0.103834%
Louisville Fire Department	66,222.75	0.185419%
Lowndes County Fire Department	50,329.29	0.140918%
Ludowici - Long County Volunteer Fire Department	13,244.55	0.037084%
Lumpkin County Volunteer Fire Department	55,627.11	0.155752%
Lyerly Fire Department	5,297.82	0.014833%
Macon-Bibb Fire Department	929,767.42	2.603278%
Madison Fire Department	47,680.38	0.133501%
Manchester Fire Department	45,031.47	0.126085%
Marietta Fire Department	328,464.84	0.919677%
Martins Crossroads Volunteer Fire Department	37,084.74	0.103834%
Maxeys Volunteer Fire Department	10,595.64	0.029667%
Maysville Fire Department	15,893.46	0.044500%
Mcdonough Fire Department	71,520.57	0.200252%
McDuffie County Fire Service	29,138.01	0.081584%
McIntyre Fire Department	13,244.55	0.037084%
McRae Fire Department	31,786.92	0.089001%
Meansville Fire Department	2,648.91	0.007417%
Menlo Fire Department	34,435.83	0.096418%
Meriwether County Fire Department	13,244.55	0.037084%
Metter Fire Department	34,435.83	0.096418%
Midway Volunteer Fire Department	21,191.28	0.059334%
Milan Fire Department	21,191.28	0.059334%
Milledgeville Fire Department	47,680.38	0.133501%
Millen Fire Department	52,978.20	0.148335%
Minton's Chapel Fire Department	2,648.91	0.007417%
Mitchell Volunteer Fire Department	5,297.82	0.014833%
Mitchell Volunteer Fire Department (Glascock County)	13,244.55	0.037084%
Monroe County Fire Department	74,169.48	0.207669%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Monroe Fire Department	\$ 66,222.75	0.185419%
Montezuma Fire Department	50,329.29	0.140918%
Moore's Chapel Volunteer Fire Department	10,595.64	0.029667%
Morgan County Fire Department	193,370.43	0.541423%
Morrow Fire Department	74,169.48	0.207669%
Moultrie Fire Department	82,116.21	0.229919%
Mount Vernon Fire Department	29,138.01	0.081584%
Murray County Fire Department	63,573.84	0.178002%
Nahunta Fire Department	31,786.92	0.089001%
Nashville Fire Department	52,978.20	0.148335%
Neese - Sanford Fire Department	2,648.91	0.007417%
New Lois Volunteer Fire Department	5,297.82	0.014833%
New Salem Fire & Rescue	15,893.46	0.044500%
Newington Fire Department	5,297.82	0.014833%
Newnan Fire Department	121,849.86	0.341170%
Newton County Fire Department	169,530.24	0.474672%
Nicholls Volunteer Fire Department	2,648.91	0.007417%
Nicholson Area Fire Department	42,382.56	0.118668%
Norristown Rural Fire Department	2,648.91	0.007417%
North Jackson Fire Department	31,786.92	0.089001%
North Jenkins County Volunteer Fire Department	10,595.64	0.029667%
North Mitchell County Volunteer Fire Department	10,595.64	0.029667%
O'Neal Fire Department	5,297.82	0.014833%
Ocilla Fire Department	2,648.91	0.007417%
Oconee County Volunteer Fire Department	201,317.16	0.563673%
Oconee Volunteer Fire Department	26,489.10	0.074167%
Odum Volunteer Fire Department	26,489.10	0.074167%
Oglethorpe Fire Department	10,595.64	0.029667%
Old Salem Volunteer Fire Department	15,893.46	0.044500%
Palmetto Fire Department	15,893.46	0.044500%
Panhandle Volunteer Fire Department	0.00	0.000000%
Paulding County Fire Department	397,336.51	1.112512%
Pavo Vol Fire Department	0.00	0.000000%
Peach County Fire Department	68,871.66	0.192835%
Peachtree City Fire Department	164,232.42	0.459838%
Pembroke Fire Department	15,893.46	0.044500%
Perry Fire Department	60,924.93	0.170585%
Pickens County Fire Department	26,489.10	0.074167%
Pike County Emergency Services	10,595.64	0.029667%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Pine Mountain Fire Department	\$ 15,893.46	0.044500%
Pine Mountain Valley Fire Department	7,946.73	0.022250%
Pinehurst Fire Department	26,489.10	0.074167%
Plainview Fire Department	26,489.10	0.074167%
Pleasant Hill Volunteer Fire Department	0.00	0.000000%
Poca Volunteer Fire Department	15,893.46	0.044500%
Polk County Volunteer Fire Department	23,840.19	0.066751%
Pooler Fire Department	156,285.69	0.437588%
Port Wentworth Fire Department	15,893.46	0.044500%
Poulan Fire Department	13,244.55	0.037084%
Pulaski County Fire Department	68,871.66	0.192835%
Putnam County Fire Department	82,116.21	0.229919%
Quitman Fire Department	2,648.91	0.007417%
Rabun County Fire Department	214,561.71	0.600757%
Randolph County Ema Fire & Rescue	23,840.19	0.066751%
Rayle Fire Department	21,191.28	0.059334%
Red Hill Volunteer Fire Department	42,382.56	0.118668%
Red Oak Volunteer Fire Department	23,840.19	0.066751%
Reidsville Fire Department	39,733.65	0.111251%
Reynolds Fire Department	15,893.46	0.044500%
Rhine Volunteer Fire Department	7,946.73	0.022250%
Richland Volunteer Fire Department	10,595.64	0.029667%
Richmond Hill Fire Department	55,627.11	0.155752%
Riddleville Volunteer Fire Department	29,138.01	0.081584%
Rincon Fire Department	21,191.28	0.059334%
Riverdale Fire Department	34,435.83	0.096418%
Rochelle Fire Department	10,595.64	0.029667%
Rock Hill Volunteer Fire Department	2,648.91	0.007417%
Rockdale County Fire Department	347,007.21	0.971594%
Rockmart Fire Department	45,031.47	0.126085%
Rome Fire Department	378,794.13	1.060595%
Rossville Fire Department	7,946.73	0.022250%
Roswell Fire Department	47,680.38	0.133501%
Royston Fire Department	39,733.65	0.111251%
Saint Marys Fire Department	18,542.37	0.051917%
Salem Volunteer Fire Department	5,297.82	0.014833%
Sandersville Fire Department	45,031.47	0.126085%
Sandy Springs Fire Department	219,859.53	0.615590%
Savannah Airport Fire Department	34,435.83	0.096418%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Savannah Fire Department	\$ 850,300.12	2.380776%
Scotland Volunteer Fire Department	2,648.91	0.007417%
Scott Volunteer Fire Department	13,244.55	0.037084%
Screven County Fire Department	87,414.03	0.244753%
Screven Volunteer Fire Department	2,648.91	0.007417%
Shellman Volunteer Fire Department	15,893.46	0.044500%
Shiloh Volunteer Fire Department	10,595.64	0.029667%
Shiloh Volunteer Fire Department (Harris County)	10,595.64	0.029667%
Siloam Fire Department	13,244.55	0.037084%
Sky Valley - Scaly Mountain Fire Department	45,031.47	0.126085%
Smyrna Fire Department	185,423.70	0.519172%
Social Circle Fire Department	10,595.64	0.029667%
Soperton Fire Department	21,191.28	0.059334%
South Brooks Volunteer Fire Department	5,297.82	0.014833%
South Dade Volunteer Fire Department	2,648.91	0.007417%
South Fulton Fire Department	251,646.45	0.704591%
South Jackson Volunteer Fire Department	15,893.46	0.044500%
South Jenkins District # 6 Volunteer Fire Department	29,138.01	0.081584%
South Jenkins Volunteer Fire Department	47,680.38	0.133501%
Southeast Cook County Volunteer Fire Department	2,648.91	0.007417%
Southside Fire Department	339,060.48	0.949344%
Spalding County Fire Department	132,445.50	0.370837%
Sparta Volunteer Fire Department	29,138.01	0.081584%
Stapleton Fire Department	7,946.73	0.022250%
Statesboro Fire Department	63,573.84	0.178002%
Stephens County Fire Department	172,179.15	0.482089%
Stillmore Fire Department	5,297.82	0.014833%
Subligna Fire Department	18,542.37	0.051917%
Summertown Volunteer Fire Department	13,244.55	0.037084%
Summerville Fire Department	45,031.47	0.126085%
Sumter County Fire Department	68,871.66	0.192835%
Swainsboro Fire Department	29,138.01	0.081584%
Sylvania Fire Department	26,489.10	0.074167%
Sylvester Fire Department	15,893.46	0.044500%
Taliaferro County Fire And Rescue Department	5,297.82	0.014833%
Tallapoosa Fire Department	0.00	0.000000%
Tarrytown Volunteer Fire Department	7,946.73	0.022250%
Tattnall County Fire Rescue	21,191.28	0.059334%
Tazewell Volunteer Fire Department	0.00	0.000000%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Teloga Fire Department	\$ 23,840.19	0.066751%
Tennille Fire Department	31,786.92	0.089001%
Thomas County Fire Rescue	185,423.70	0.519172%
Thomaston Fire Department	10,595.64	0.029667%
Thomasville Fire Rescue	71,520.57	0.200252%
Thomson Fire Department	7,946.73	0.022250%
Thunderbolt Fire Department	10,595.64	0.029667%
Thurston Volunteer Fire Department	0.00	0.000000%
Tift County Fire Rescue	137,743.32	0.385671%
Tifton Fire Department	87,414.03	0.244753%
Tignall Fire Department	55,627.11	0.155752%
Toccoa Fire Department	58,276.02	0.163168%
Toombsboro Volunteer Fire Department	0.00	0.000000%
Towns County Fire Department	103,307.49	0.289253%
Trenton Fire Department	5,297.82	0.014833%
Treutlen County Fire Department	7,946.73	0.022250%
Trion Fire Department	29,138.01	0.081584%
Troup County Fire Department	71,520.57	0.200252%
Turner County Fire and Rescue	26,489.10	0.074167%
Twin City Fire Department	21,191.28	0.059334%
Tybee Island Fire Department	15,893.46	0.044500%
Union City Fire Department	60,924.93	0.170585%
Union County Fire Department	50,329.29	0.140918%
Union Point Fire Department	2,648.91	0.007417%
Uvalda Fire Department	15,893.46	0.044500%
Valdosta Fire Department	180,125.88	0.504339%
Vesta Volunteer Fire Department	5,297.82	0.014833%
Vidalia Fire Department	13,244.55	0.037084%
Vienna Fire Department	52,978.20	0.148335%
Wadley Fire Department	21,191.28	0.059334%
Walker Church Volunteer Fire Department	5,297.82	0.014833%
Walker County Fire Department	60,924.93	0.170585%
Walthourville Volunteer Fire Department	5,297.82	0.014833%
Walton County Fire Department	201,317.16	0.563673%
Ware County Fire Department	50,329.29	0.140918%
Warm Springs Fire Department	7,946.73	0.022250%
Warner Robins Fire Department	309,922.47	0.867759%
Warren County Fire Department	10,595.64	0.029667%
Warrenton Fire Department	18,542.37	0.051917%



Employers	2018 State Pension Support Provided To The Employers	Employer Allocation Percentage
Warthen Volunteer Fire Department	\$ 15,893.46	0.044500%
Washington Fire Department	79,467.30	0.222502%
Waverly Hall Fire Department	26,489.10	0.074167%
Waycross Fire Department	111,254.22	0.311503%
Wayne County Fire Rescue	68,871.66	0.192835%
Waynesboro Fire Department	13,244.55	0.037084%
Waynesville Volunteer Fire & Rescue	18,542.37	0.051917%
Webster County Fire/Ems	60,924.93	0.170585%
West Jackson Fire Department	18,542.37	0.051917%
West Point Fire Department	37,084.74	0.103834%
Whigham Fire Department	29,138.01	0.081584%
White County Fire Department	34,435.83	0.096418%
White Plains Fire Department	23,840.19	0.066751%
Whitfield County Fire Department	233,104.08	0.652674%
Wilkes County Fire Service	66,222.75	0.185419%
Winder Fire Department	95,360.76	0.267003%
Winterville Volunteer Fire Department	15,893.46	0.044500%
Wolfskin Volunteer Fire Department	2,648.91	0.007417%
Woodstock Fire Department	98,009.67	0.274420%
Woodville Fire Department	5,297.82	0.014833%
Worth County Fire Department	18,542.37	0.051917%
Wrens Fire Department	34,435.83	0.096418%
Wrightsville Fire Department	39,733.65	0.111251%
Total State of Georgia	\$ <u>35,715,254.00</u>	<u>100.000000%</u>



SCHEDULE B

GEORGIA FIREFIGHTERS' PENSION FUND
Schedule of Pension Amounts by Employer as of June 30, 2018

Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Abbeville Fire Department	\$ 88,806.33	\$ 22,495.95
Adel Fire Department	418,658.42	106,052.36
Adrian Volunteer Firefighter	25,373.24	6,427.42
Ailey Fire Department	63,433.09	16,068.54
Alamo Fire Department	38,059.86	9,641.12
Alapaha Fire Department	38,059.86	9,641.12
Albany Fire Department	1,458,961.17	369,576.39
Allentown Volunteer Fire Department	152,239.43	38,564.49
Alma - Bacon County Fire Department	152,239.43	38,564.49
Alpharetta Fire Department	1,014,929.51	257,096.62
Americus Fire Department	405,971.80	102,838.65
Antioch Volunteer Fire Department	202,985.90	51,419.32
Appling County Fire Department	456,718.28	115,693.48
Arcade Fire Department	38,059.86	9,641.12
Arnoldsville Volunteer Fire Department	38,059.86	9,641.12
Ashburn Fire Department	38,059.86	9,641.12
Athens - Clarke County Fire & Emergency	2,042,545.64	517,406.95
Atkinson County Volunteer Fire Department	190,299.28	48,205.62
Atlanta Fire Department	7,853,017.07	1,989,285.12
Augusta Fire Department	2,791,056.15	707,015.71
Austell Fire Department	164,926.05	41,778.20
Avera Fire Department	114,179.57	28,923.37
Bainbridge Fire Department	25,373.24	6,427.42
Baldwin County Fire Department	685,077.42	173,540.22
Baldwin Fire Department	50,746.48	12,854.83
Banks County Fire Department	317,165.47	80,342.69
Barnesville Fire Department	88,806.33	22,495.95
Barrow County Fire Department	570,897.85	144,616.85
Bartow County Fire Department	1,103,735.84	279,592.58
Bartow Volunteer Fire Department	177,612.66	44,991.91
Barwick Fire Department	0.00	0.00



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Baxley Fire Department	\$ 253,732.38	\$ 64,274.16
Beaverdam Volunteer Fire Department	50,746.48	12,854.83
Ben Epps Field - Athens Clarke County	12,686.62	3,213.71
Ben Hill Volunteer Fire Department	88,806.33	22,495.95
Bent Tree Volunteer Fire Department	12,686.62	3,213.71
Bethany - Salem Fire Department	38,059.86	9,641.12
Big Canoe Fire Department	76,119.71	19,282.25
Blackshear Fire Department	139,552.81	35,350.79
Blakely Fire Department	50,746.48	12,854.83
Bleckley County Fire Department	190,299.28	48,205.62
Bloomington Fire Department	76,119.71	19,282.25
Bold Springs Fire Department	266,419.00	67,487.86
Bremen Fire Department	76,119.71	19,282.25
Broxton Fire Department	38,059.86	9,641.12
Brunswick Fire Department	241,045.76	61,060.45
Bryan County Fire Department	266,419.00	67,487.86
Buckeye Volunteer Fire Department	76,119.71	19,282.25
Bulloch County Fire Department	520,151.37	131,762.02
Burke County Fire Department	393,285.18	99,624.94
Bush Field Fire Department	88,806.33	22,495.95
Butler Fire Department	202,985.90	51,419.32
Butts County Fire Department	177,612.66	44,991.91
Byromville Fire Department	190,299.28	48,205.62
Byron Fire Department	202,985.90	51,419.32
Cairo Fire Department	393,285.18	99,624.94
Calhoun Fire Department	494,778.14	125,334.60
Calvary Volunteer Fire Department	63,433.09	16,068.54
Camden County Fire Rescue	976,869.65	247,455.50
Camilla Fire Department	88,806.33	22,495.95
Canon Volunteer Fire Department	164,926.05	41,778.20
Canoochee Fire Department	139,552.81	35,350.79
Canton Fire Department	25,373.24	6,427.42
Carlton Volunteer Fire Department	139,552.81	35,350.79
Carnesville Volunteer Fire Department	126,866.19	32,137.08
Carroll County Fire Rescue	799,256.99	202,463.59
Carrollton Fire Department	773,883.75	196,036.17
Cartersville Fire Department	862,690.08	218,532.13



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Cataula Volunteer Fire Department	\$ 114,179.57	\$ 28,923.37
Catoosa County Fire Department	482,091.52	122,120.90
Cave Spring Fire Department	25,373.24	6,427.42
Cedartown Fire Department	279,105.61	70,701.57
Centerville Fire Department	177,612.66	44,991.91
Charlton County Fire Department	25,373.24	6,427.42
Chatsworth Fire Department	152,239.43	38,564.49
Chauncey Volunteer Fire Department	12,686.62	3,213.71
Cherokee County Fire Department	4,554,496.17	1,153,721.09
Chester Volunteer Fire Department	25,373.24	6,427.42
City Of Chattahoochee Hills	63,433.09	16,068.54
City Of Milton Fire Department	672,390.80	170,326.51
Clarksville Fire Department	76,119.71	19,282.25
Claxton Fire Department	228,359.14	57,846.74
Clayton County Fire Department	3,641,059.61	922,334.13
Cloudland Volunteer Fire Department	88,806.33	22,495.95
Cobb County Fire Department	7,814,957.21	1,979,643.99
Cobbtown Fire Department	139,552.81	35,350.79
Cochran Fire Department	63,433.09	16,068.54
Coffee County Fire Department	380,598.57	96,411.23
Cohutta Volunteer Fire Department	0.00	0.00
Colbert Fire Department	38,059.86	9,641.12
College Park Fire Department	634,330.94	160,685.39
Collins Volunteer Fire Department	25,373.24	6,427.42
Collins Volunteer Fire Department (Madison County)	38,059.86	9,641.12
Colquitt - Miller Fire Department	190,299.28	48,205.62
Colquitt County Volunteer Fire Association	456,718.28	115,693.48
Columbia County Fire Rescue	2,105,978.73	533,475.49
Columbus Fire & Emergency Medical Services	4,440,316.60	1,124,797.72
Comer Volunteer Fire Department	126,866.19	32,137.08
Commerce Fire Department	304,478.85	77,128.99
Cordele Fire Department	241,045.76	61,060.45
Cornelia Fire Department	88,806.33	22,495.95
Covington Fire Department	621,644.32	157,471.68
Coweta County Fire Department	1,801,499.88	456,346.50
Crawford County Volunteer Fire Department # 8	215,672.52	54,633.03
Crisp County Fire Department	228,359.14	57,846.74



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Crossroad Volunteer Fire Department	\$ 38,059.86	\$ 9,641.12
Cusseta - Chattahoochee County Volunteer Fire Department	177,612.66	44,991.91
Dalton Fire Department	1,192,542.17	302,088.53
Danielsville Fire Department	88,806.33	22,495.95
Darien Fire Rescue	12,686.62	3,213.71
Davisboro Fire Department	215,672.52	54,633.03
Dawson County Fire Department	469,404.90	118,907.19
Dawson Fire Department	63,433.09	16,068.54
Dearing Fire Department	25,373.24	6,427.42
Decatur County Fire Department	101,492.95	25,709.66
Decatur Fire Department	342,538.71	86,770.11
Deepstep Area Fire Department	63,433.09	16,068.54
Dekalb County Fire Department	6,178,383.38	1,565,075.69
Demorest Fire Department	139,552.81	35,350.79
Devils Pond Volunteer Fire Department	25,373.24	6,427.42
Donalsonville Fire Department	139,552.81	35,350.79
Dooly County Fire Department	202,985.90	51,419.32
Double Churches Fire Department	139,552.81	35,350.79
Douglas County Fire Department	1,535,080.88	388,858.64
Douglas Fire Department	431,345.04	109,266.06
Dublin Fire Department	304,478.85	77,128.99
Early County Fire Department	12,686.62	3,213.71
East Berrien Fire Department	152,239.43	38,564.49
East Brooks Volunteer Fire Department	12,686.62	3,213.71
East Dublin Fire Department	12,686.62	3,213.71
East Point Fire Department	444,031.66	112,479.77
Eastern District Fire Department	12,686.62	3,213.71
Eastman Fire Department	164,926.05	41,778.20
Eatonton Fire Department	152,239.43	38,564.49
Echols County Volunteer Fire Department	76,119.71	19,282.25
Effingham County Fire Department	558,211.23	141,403.14
Elbert County Fire Department	1,078,362.60	273,165.16
Elberton Fire Department	164,926.05	41,778.20
Ellaville (Schley County) Fire Department	253,732.38	64,274.16
Ellerslie Fire Department	253,732.38	64,274.16
Ellijay Fire Department	38,059.86	9,641.12
Emanuel County Rural Fire Department	25,373.24	6,427.42



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Enigma Volunteer Fire Department	\$ 76,119.71	\$ 19,282.25
Eton Fire Department	12,686.62	3,213.71
Evans County Fire & Rescue	279,105.61	70,701.57
Fairburn Fire Department	304,478.85	77,128.99
Fairfield Plantation Fire Department	50,746.48	12,854.83
Fannin County Fire Department	355,225.33	89,983.82
Fayette County Fire Department	1,268,661.89	321,370.78
Fayetteville Fire Department	621,644.32	157,471.68
Fitzgerald Fire Department	177,612.66	44,991.91
Five Area Volunteer Fire Department	228,359.14	57,846.74
Five Points Fire District - Macon County	101,492.95	25,709.66
Flinthill Fire Department	38,059.86	9,641.12
Flovilla Fire Department	25,373.24	6,427.42
Forest Park Fire Department	710,450.66	179,967.64
Forsyth County Fire Department	1,915,679.45	485,269.87
Forsyth Fire Department	126,866.19	32,137.08
Fort Oglethorpe Fire Department	114,179.57	28,923.37
Fort Valley Fire Department	202,985.90	51,419.32
Franklin Springs Fire Department	126,866.19	32,137.08
Fulton County Fire Department	139,552.81	35,350.79
Gainesville Fire Department	1,281,348.50	324,584.49
Garden City Fire Department	228,359.14	57,846.74
Garfield Volunteer Fire Department	101,492.95	25,709.66
Georgia Firefighters Pension Fund Employee	101,492.95	25,709.66
Georgia Public Safety Training	76,119.71	19,282.25
Gibson Fire Department	139,552.81	35,350.79
Gilmer County Fire Department	304,478.85	77,128.99
Glade Volunteer Fire Department	76,119.71	19,282.25
Glennville Fire Department	38,059.86	9,641.12
Glenwood Volunteer Fire Department	63,433.09	16,068.54
Glynn County Fire Department	570,897.85	144,616.85
Gordon County Fire Department	532,837.99	134,975.73
Grady County Volunteer Fire Department	672,390.80	170,326.51
Gray Fire Department	139,552.81	35,350.79
Greensboro Fire Department	76,119.71	19,282.25
Greshamville Volunteer Fire Department	114,179.57	28,923.37
Gresston Volunteer Fire Department	38,059.86	9,641.12



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Griffin Fire Department	\$ 697,764.04 \$	176,753.93
Grovetown Fire Department	88,806.33	22,495.95
Gumlog Volunteer Fire Department	50,746.48	12,854.83
Guyton Volunteer Fire Department	0.00	0.00
Gwinnett County Fire Department	9,324,664.86	2,362,075.22
Habersham County Fire Department	469,404.90	118,907.19
Hahira Fire Department	50,746.48	12,854.83
Hall County Fire Department	3,070,161.76	777,717.28
Hamilton Volunteer Fire Department	50,746.48	12,854.83
Hapeville Fire Department	393,285.18	99,624.94
Haralson County Fire Department	164,926.05	41,778.20
Harlem Fire Department	202,985.90	51,419.32
Harrisburg Volunteer Fire Department	164,926.05	41,778.20
Harrison Volunteer Fire Department	101,492.95	25,709.66
Hart County Fire Department	773,883.75	196,036.17
Hartwell Fire Department	418,658.42	106,052.36
Hazlehurst Fire Department	139,552.81	35,350.79
Heard County Fire Department	228,359.14	57,846.74
Helen Fire Department, City Of	12,686.62	3,213.71
Henry County Fire Department	2,892,549.10	732,725.37
Hephzibah Fire Department	152,239.43	38,564.49
Hickory Flat Fire Department	12,686.62	3,213.71
Higgston Volunteer Fire Department	0.00	0.00
Hinesville Fire Department	405,971.80	102,838.65
Hinton Volunteer Fire Department	25,373.24	6,427.42
Hoboken Volunteer Fire Department	63,433.09	16,068.54
Holland Volunteer Fire Department	38,059.86	9,641.12
Holly Springs Fire Department	0.00	0.00
Homer Volunteer Fire Department	76,119.71	19,282.25
Hortense Volunteer Fire Department	25,373.24	6,427.42
Houston County Fire Department	152,239.43	38,564.49
Hull Volunteer Fire Department	101,492.95	25,709.66
Ideal Fire Department	25,373.24	6,427.42
Ila Volunteer Fire Department	101,492.95	25,709.66
Iron City Volunteer Fire Department	25,373.24	6,427.42
Irwinton Fire Department	12,686.62	3,213.71
Isle Of Hope Fire Department	101,492.95	25,709.66



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Jackson Fire Department	\$ 50,746.48 \$	12,854.83
Jackson Trail Fire Department	63,433.09	16,068.54
Jasper County Emergency Services	152,239.43	38,564.49
Jasper Fire Department	114,179.57	28,923.37
Jefferson County Fire Department	114,179.57	28,923.37
Jefferson Fire Department	202,985.90	51,419.32
Jekyll Island Fire Department	50,746.48	12,854.83
Jesup Fire Department	241,045.76	61,060.45
Johns Creek Fire Department	989,556.27	250,669.21
Jones County Fire Department	317,165.47	80,342.69
Kingsland Fire Department	101,492.95	25,709.66
Lafayette Fire Department	38,059.86	9,641.12
Lagrange Fire Department	647,017.56	163,899.10
Lamar County Fire Department	152,239.43	38,564.49
Laurens County Fire Department	520,151.37	131,762.02
Lavonia Fire Department	355,225.33	89,983.82
Leesburg (Lee County) Fire Department	190,299.28	48,205.62
Leslie Volunteer Fire Department	25,373.24	6,427.42
Liberty Volunteer Fire Department	38,059.86	9,641.12
Lincolnton Fire Department	139,552.81	35,350.79
Line Volunteer Fire Department	88,806.33	22,495.95
Loco Volunteer Fire Department	329,852.09	83,556.40
Loganville Fire Department	177,612.66	44,991.91
Louisville Fire Department	317,165.47	80,342.69
Lowndes County Fire Department	241,045.76	61,060.45
Ludowici - Long County Volunteer Fire Department	63,433.09	16,068.54
Lumpkin County Volunteer Fire Department	266,419.00	67,487.86
Lyerly Fire Department	25,373.24	6,427.42
Macon-Bibb Fire Department	4,453,003.22	1,128,011.43
Madison Fire Department	228,359.14	57,846.74
Manchester Fire Department	215,672.52	54,633.03
Marietta Fire Department	1,573,140.74	398,499.76
Martins Crossroads Volunteer Fire Department	177,612.66	44,991.91
Maxeys Volunteer Fire Department	50,746.48	12,854.83
Maysville Fire Department	76,119.71	19,282.25
Mcdonough Fire Department	342,538.71	86,770.11
McDuffie County Fire Service	139,552.81	35,350.79



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
McIntyre Fire Department	\$ 63,433.09	\$ 16,068.54
McRae Fire Department	152,239.43	38,564.49
Meansville Fire Department	12,686.62	3,213.71
Menlo Fire Department	164,926.05	41,778.20
Meriwether County Fire Department	63,433.09	16,068.54
Metter Fire Department	164,926.05	41,778.20
Midway Volunteer Fire Department	101,492.95	25,709.66
Milan Fire Department	101,492.95	25,709.66
Milledgeville Fire Department	228,359.14	57,846.74
Millen Fire Department	253,732.38	64,274.16
Minton's Chapel Fire Department	12,686.62	3,213.71
Mitchell Volunteer Fire Department	25,373.24	6,427.42
Mitchell Volunteer Fire Department (Glascocock County)	63,433.09	16,068.54
Monroe County Fire Department	355,225.33	89,983.82
Monroe Fire Department	317,165.47	80,342.69
Montezuma Fire Department	241,045.76	61,060.45
Moore's Chapel Volunteer Fire Department	50,746.48	12,854.83
Morgan County Fire Department	926,123.18	234,600.67
Morrow Fire Department	355,225.33	89,983.82
Moultrie Fire Department	393,285.18	99,624.94
Mount Vernon Fire Department	139,552.81	35,350.79
Murray County Fire Department	304,478.85	77,128.99
Nahunta Fire Department	152,239.43	38,564.49
Nashville Fire Department	253,732.38	64,274.16
Neese - Sanford Fire Department	12,686.62	3,213.71
New Lois Volunteer Fire Department	25,373.24	6,427.42
New Salem Fire & Rescue	76,119.71	19,282.25
Newington Fire Department	25,373.24	6,427.42
Newnan Fire Department	583,584.47	147,830.56
Newton County Fire Department	811,943.61	205,677.30
Nicholls Volunteer Fire Department	12,686.62	3,213.71
Nicholson Area Fire Department	202,985.90	51,419.32
Norristown Rural Fire Department	12,686.62	3,213.71
North Jackson Fire Department	152,239.43	38,564.49
North Jenkins County Volunteer Fire Department	50,746.48	12,854.83
North Mitchell County Volunteer Fire Department	50,746.48	12,854.83
O'Neal Fire Department	25,373.24	6,427.42



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Ocilla Fire Department	\$ 12,686.62	\$ 3,213.71
Oconee County Volunteer Fire Department	964,183.03	244,241.79
Oconee Volunteer Fire Department	126,866.19	32,137.08
Odum Volunteer Fire Department	126,866.19	32,137.08
Oglethorpe Fire Department	50,746.48	12,854.83
Old Salem Volunteer Fire Department	76,119.71	19,282.25
Palmetto Fire Department	76,119.71	19,282.25
Panhandle Volunteer Fire Department	0.00	0.00
Paulding County Fire Department	1,902,992.83	482,056.17
Pavo Vol Fire Department	0.00	0.00
Peach County Fire Department	329,852.09	83,556.40
Peachtree City Fire Department	786,570.37	199,249.88
Pembroke Fire Department	76,119.71	19,282.25
Perry Fire Department	291,792.23	73,915.28
Pickens County Fire Department	126,866.19	32,137.08
Pike County Emergency Services	50,746.48	12,854.83
Pine Mountain Fire Department	76,119.71	19,282.25
Pine Mountain Valley Fire Department	38,059.86	9,641.12
Pinehurst Fire Department	126,866.19	32,137.08
Plainview Fire Department	126,866.19	32,137.08
Pleasant Hill Volunteer Fire Department	0.00	0.00
Poca Volunteer Fire Department	76,119.71	19,282.25
Polk County Volunteer Fire Department	114,179.57	28,923.37
Pooler Fire Department	748,510.51	189,608.76
Port Wentworth Fire Department	76,119.71	19,282.25
Poulan Fire Department	63,433.09	16,068.54
Pulaski County Fire Department	329,852.09	83,556.40
Putnam County Fire Department	393,285.18	99,624.94
Quitman Fire Department	12,686.62	3,213.71
Rabun County Fire Department	1,027,616.13	260,310.33
Randolph County Ema Fire & Rescue	114,179.57	28,923.37
Rayle Fire Department	101,492.95	25,709.66
Red Hill Volunteer Fire Department	202,985.90	51,419.32
Red Oak Volunteer Fire Department	114,179.57	28,923.37
Reidsville Fire Department	190,299.28	48,205.62
Reynolds Fire Department	76,119.71	19,282.25
Rhine Volunteer Fire Department	38,059.86	9,641.12



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Richland Volunteer Fire Department	\$ 50,746.48 \$	12,854.83
Richmond Hill Fire Department	266,419.00	67,487.86
Ridgely Volunteer Fire Department	139,552.81	35,350.79
Rincon Fire Department	101,492.95	25,709.66
Riverdale Fire Department	164,926.05	41,778.20
Rochelle Fire Department	50,746.48	12,854.83
Rock Hill Volunteer Fire Department	12,686.62	3,213.71
Rockdale County Fire Department	1,661,947.07	420,995.72
Rockmart Fire Department	215,672.52	54,633.03
Rome Fire Department	1,814,186.50	459,560.21
Rossville Fire Department	38,059.86	9,641.12
Roswell Fire Department	228,359.14	57,846.74
Royston Fire Department	190,299.28	48,205.62
Saint Marys Fire Department	88,806.33	22,495.95
Salem Volunteer Fire Department	25,373.24	6,427.42
Sandersville Fire Department	215,672.52	54,633.03
Sandy Springs Fire Department	1,052,989.36	266,737.75
Savannah Airport Fire Department	164,926.05	41,778.20
Savannah Fire Department	4,072,404.65	1,031,600.20
Scotland Volunteer Fire Department	12,686.62	3,213.71
Scott Volunteer Fire Department	63,433.09	16,068.54
Screven County Fire Department	418,658.42	106,052.36
Screven Volunteer Fire Department	12,686.62	3,213.71
Shellman Volunteer Fire Department	76,119.71	19,282.25
Shiloh Volunteer Fire Department	50,746.48	12,854.83
Shiloh Volunteer Fire Department (Harris County)	50,746.48	12,854.83
Siloam Fire Department	63,433.09	16,068.54
Sky Valley - Scaly Mountain Fire Department	215,672.52	54,633.03
Smyrna Fire Department	888,063.32	224,959.54
Social Circle Fire Department	50,746.48	12,854.83
Soperton Fire Department	101,492.95	25,709.66
South Brooks Volunteer Fire Department	25,373.24	6,427.42
South Dade Volunteer Fire Department	12,686.62	3,213.71
South Fulton Fire Department	1,205,228.79	305,302.24
South Jackson Volunteer Fire Department	76,119.71	19,282.25
South Jenkins District # 6 Volunteer Fire Department	139,552.81	35,350.79
South Jenkins Volunteer Fire Department	228,359.14	57,846.74



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Southeast Cook County Volunteer Fire Department	\$ 12,686.62 \$	3,213.71
Southside Fire Department	1,623,887.21	411,354.60
Spalding County Fire Department	634,330.94	160,685.39
Sparta Volunteer Fire Department	139,552.81	35,350.79
Stapleton Fire Department	38,059.86	9,641.12
Statesboro Fire Department	304,478.85	77,128.99
Stephens County Fire Department	824,630.23	208,891.01
Stillmore Fire Department	25,373.24	6,427.42
Subligna Fire Department	88,806.33	22,495.95
Summertown Volunteer Fire Department	63,433.09	16,068.54
Summerville Fire Department	215,672.52	54,633.03
Sumter County Fire Department	329,852.09	83,556.40
Swainsboro Fire Department	139,552.81	35,350.79
Sylvania Fire Department	126,866.19	32,137.08
Sylvester Fire Department	76,119.71	19,282.25
Taliaferro County Fire And Rescue Department	25,373.24	6,427.42
Tallapoosa Fire Department	0.00	0.00
Tarrytown Volunteer Fire Department	38,059.86	9,641.12
Tattnall County Fire Rescue	101,492.95	25,709.66
Tazewell Volunteer Fire Department	0.00	0.00
Teloga Fire Department	114,179.57	28,923.37
Tennille Fire Department	152,239.43	38,564.49
Thomas County Fire Rescue	888,063.32	224,959.54
Thomaston Fire Department	50,746.48	12,854.83
Thomasville Fire Rescue	342,538.71	86,770.11
Thomson Fire Department	38,059.86	9,641.12
Thunderbolt Fire Department	50,746.48	12,854.83
Thurston Volunteer Fire Department	0.00	0.00
Tift County Fire Rescue	659,704.18	167,112.80
Tifton Fire Department	418,658.42	106,052.36
Tignall Fire Department	266,419.00	67,487.86
Toccoa Fire Department	279,105.61	70,701.57
Toombsboro Volunteer Fire Department	0.00	0.00
Towns County Fire Department	494,778.14	125,334.60
Trenton Fire Department	25,373.24	6,427.42
Treutlen County Fire Department	38,059.86	9,641.12
Trion Fire Department	139,552.81	35,350.79



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Troup County Fire Department	\$ 342,538.71	\$ 86,770.11
Turner County Fire and Rescue	126,866.19	32,137.08
Twin City Fire Department	101,492.95	25,709.66
Tybee Island Fire Department	76,119.71	19,282.25
Union City Fire Department	291,792.23	73,915.28
Union County Fire Department	241,045.76	61,060.45
Union Point Fire Department	12,686.62	3,213.71
Uvalda Fire Department	76,119.71	19,282.25
Valdosta Fire Department	862,690.08	218,532.13
Vesta Volunteer Fire Department	25,373.24	6,427.42
Vidalia Fire Department	63,433.09	16,068.54
Vienna Fire Department	253,732.38	64,274.16
Wadley Fire Department	101,492.95	25,709.66
Walker Church Volunteer Fire Department	25,373.24	6,427.42
Walker County Fire Department	291,792.23	73,915.28
Walthourville Volunteer Fire Department	25,373.24	6,427.42
Walton County Fire Department	964,183.03	244,241.79
Ware County Fire Department	241,045.76	61,060.45
Warm Springs Fire Department	38,059.86	9,641.12
Warner Robins Fire Department	1,484,334.41	376,003.81
Warren County Fire Department	50,746.48	12,854.83
Warrenton Fire Department	88,806.33	22,495.95
Warthen Volunteer Fire Department	76,119.71	19,282.25
Washington Fire Department	380,598.57	96,411.23
Waverly Hall Fire Department	126,866.19	32,137.08
Waycross Fire Department	532,837.99	134,975.73
Wayne County Fire Rescue	329,852.09	83,556.40
Waynesboro Fire Department	63,433.09	16,068.54
Waynesville Volunteer Fire & Rescue	88,806.33	22,495.95
Webster County Fire/Ems	291,792.23	73,915.28
West Jackson Fire Department	88,806.33	22,495.95
West Point Fire Department	177,612.66	44,991.91
Whigham Fire Department	139,552.81	35,350.79
White County Fire Department	164,926.05	41,778.20
White Plains Fire Department	114,179.57	28,923.37
Whitfield County Fire Department	1,116,422.46	282,806.28
Wilkes County Fire Service	317,165.47	80,342.69



Employers	State's Proportionate Share of the Net Pension Liability Associated with the Employer	Employer Pension Expense and Revenue For State Support
Winder Fire Department	\$ 456,718.28	\$ 115,693.48
Winterville Volunteer Fire Department	76,119.71	19,282.25
Wolfskin Volunteer Fire Department	12,686.62	3,213.71
Woodstock Fire Department	469,404.90	118,907.19
Woodville Fire Department	25,373.24	6,427.42
Worth County Fire Department	88,806.33	22,495.95
Wrens Fire Department	164,926.05	41,778.20
Wrightsville Fire Department	190,299.28	48,205.62
Total State of Georgia	\$ <u>171,053,682.00</u>	\$ <u>43,330,422.00</u>



SCHEDULE C

SUMMARY OF BENEFIT PROVISIONS VALUED

JUNE 30, 2018

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, 2018.

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 \$922 per month is reduced by the ratio of credited service divided by 25 years. The \$922 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
1% COLA adjustment on 1/1/2018	= 9	913
1% COLA adjustment on 7/1/2018	= 9	922
Total benefit amount		\$922



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

PRICE INFLATION: 2.75%

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.