



**THE INITIAL ACTUARIAL VALUATION FOR
ST. JAMES AMBULANCE DISTRICT
AS OF SEPTEMBER 30, 2017**

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November 21, 2017

St. James Ambulance District
St. James, Missouri

Ladies and Gentlemen:

Submitted in this report are the results of the actuarial valuation prepared to determine the employer contribution rates required to support, for your employees, the benefits provided by the Missouri Local Government Employees Retirement System (LAGERS). This report contains the information needed to comply with Missouri state disclosure requirements regarding the adoption of LAGERS benefits by a political subdivision (Sections 105.660 - 106.685 RSMo).

The contribution requirement for benefits likely to accrue as a result of the future service of your employees is described on pages 4 thru 11 as the current cost plus the disability cost. This contribution rate, expressed as a percent of active employee payroll, will depend on the benefit program adopted.

The contribution requirement to pay for benefits likely to result from service rendered by your employees before you join LAGERS is described on pages 4 thru 11 as the prior service cost. The value established for prior service is called the unfunded actuarial accrued liability (these amounts are further described in Appendix I). The prior service cost is the rate of contribution designed to pay for the unfunded actuarial accrued liability over a period of not more than 30 years.

Section 70.730 of the Revised Statutes of Missouri requires participating employers to contribute the current cost, disability cost, and prior service cost (the total employer cost as shown on pages 4 thru 11). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 12 and 13 represent the dollar cost of each benefit program for a one year period based on the payroll reported for this actuarial valuation. In budgeting amounts for LAGERS contributions you should consider any changes in payroll which have been made since data was submitted for the valuation and any changes anticipated to be made before the end of the period for which you are preparing the budget.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of this report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 28, 2017.

The computed contributions required for LAGERS participation will permit the System to continue to operate in accordance with the actuarial principles of level cost financing and the state law which governs LAGERS. Summary provisions of the law as well as benefit illustrations can be found in Appendices III and IV.

Projections needed to comply with Missouri state disclosure requirements (Section 105.665 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision are available upon request from LAGERS.

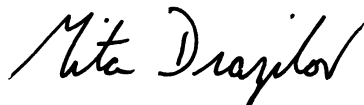
Please note that this entire report must be available as public information for at least 45 calendar days prior to the date final official action is taken by your governing body to join the System. You may wish to make notice of this report in the official minutes of the next meeting of your governing body. This action would not be binding on your subdivision, yet would establish the beginning date of the 45 day waiting period.

In accordance with LAGERS Board policy, the employer contribution rates established by this valuation report are valid for purposes of joining the System for a two year period from the date of this valuation which was September 30, 2017. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

Mita Drazilov is a member of the American Academy of Actuaries and meets the Qualification Standards of the Academy of Actuaries to render the actuarial opinion herein.

Respectfully submitted,

A handwritten signature in black ink that reads "Mita Drazilov". The signature is written in a cursive, flowing style.

Mita D. Drazilov, ASA, MAAA

Alternate Plan Provisions Affecting Employer Contribution Rates

The law governing LAGERS provides for either a contributory plan or a non-contributory plan, with benefits based on either a 5 year or 3 year Final Average Salary (FAS).

Contributory Plan. Under the contributory plan, each covered member contributes 4% of compensation to LAGERS. If an employee terminates before being eligible for an immediate benefit, the member's contributions, plus any interest credited to the member's individual account, are refunded upon request.

Non-Contributory Plan. Under the non-contributory plan, there is no individual employee contribution to the plan, no individual account maintained for each employee, and no refund paid to employees who terminate before being eligible for a benefit.

The law further provides for nine different benefit programs (benefit formula factors) and allows an employer to elect "rule of 80" eligibility for benefits. Under the rule of 80, employees are eligible for unreduced benefits at the earlier of (i) attainment of their minimum service retirement age or (ii) such time as their years of age plus years of LAGERS credited service equals 80.

In total this allows for 72 different combinations of benefit plans, giving employers considerable latitude in designing the retirement program which they feel best suits their particular situation.

The applicable combinations of these items may be changed from time to time, however, there are limitations on the frequency of changes. A more detailed description of plan provisions may be found in Appendix III of this report.

St. James Ambulance District

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
 (4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	3.70%	2.50%	0.20%	6.40%
L-3	General	4.70	3.90	0.30	8.90
LT-4(65)	General	4.20	3.10	0.20	7.50
LT-5(65)	General	5.10	4.30	0.30	9.70
L-7	General	5.70	5.20	0.30	11.20
LT-8(65)	General	6.00	5.50	0.30	11.80
L-12	General	6.80	6.40	0.40	13.60
LT-14(65)	General	6.90	6.60	0.40	13.90
L-6	General	7.80	7.70	0.50	16.00

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
 (4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	3.80%	2.80%	0.20%	6.80%
L-3	General	4.90	4.10	0.30	9.30
LT-4(65)	General	4.40	3.30	0.20	7.90
LT-5(65)	General	5.30	4.60	0.30	10.20
L-7	General	6.00	5.30	0.30	11.60
LT-8(65)	General	6.20	5.70	0.30	12.20
L-12	General	7.00	6.80	0.40	14.20
LT-14(65)	General	7.20	6.90	0.40	14.50
L-6	General	8.10	8.10	0.50	16.70

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	4.20%	5.90%	0.20%	10.30%
L-3	General	5.30	7.20	0.30	12.80
LT-4(65)	General	4.70	6.50	0.20	11.40
LT-5(65)	General	5.70	7.60	0.30	13.60
L-7	General	6.30	8.50	0.30	15.10
LT-8(65)	General	6.60	8.80	0.30	15.70
L-12	General	7.40	9.70	0.40	17.50
LT-14(65)	General	7.50	9.90	0.40	17.80
L-6	General	8.40	11.00	0.50	19.90

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	4.40%	6.10%	0.20%	10.70%
L-3	General	5.50	7.40	0.30	13.20
LT-4(65)	General	4.90	6.70	0.20	11.80
LT-5(65)	General	5.90	7.90	0.30	14.10
L-7	General	6.50	8.70	0.30	15.50
LT-8(65)	General	6.80	9.00	0.30	16.10
L-12	General	7.60	10.10	0.40	18.10
LT-14(65)	General	7.80	10.20	0.40	18.40
L-6	General	8.70	11.40	0.50	20.60

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
 (4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	4.40%	3.20%	0.20%	7.80%
L-3	General	5.60	4.60	0.30	10.50
LT-4(65)	General	5.80	4.60	0.20	10.60
LT-5(65)	General	6.70	5.70	0.30	12.70
L-7	General	6.80	6.20	0.30	13.30
LT-8(65)	General	7.50	6.90	0.30	14.70
L-12	General	8.00	7.60	0.40	16.00
LT-14(65)	General	8.40	7.90	0.40	16.70
L-6	General	9.20	9.00	0.50	18.70

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	4.60%	3.40%	0.20%	8.20%
L-3	General	5.80	5.00	0.30	11.10
LT-4(65)	General	6.00	4.90	0.20	11.10
LT-5(65)	General	6.90	6.00	0.30	13.20
L-7	General	7.10	6.40	0.30	13.80
LT-8(65)	General	7.80	7.20	0.30	15.30
L-12	General	8.30	8.00	0.40	16.70
LT-14(65)	General	8.70	8.30	0.40	17.40
L-6	General	9.60	9.50	0.50	19.60

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	4.90%	6.60%	0.20%	11.70%
L-3	General	6.10	8.00	0.30	14.40
LT-4(65)	General	6.30	8.00	0.20	14.50
LT-5(65)	General	7.20	9.10	0.30	16.60
L-7	General	7.40	9.50	0.30	17.20
LT-8(65)	General	8.10	10.20	0.30	18.60
L-12	General	8.60	10.90	0.40	19.90
LT-14(65)	General	8.90	11.30	0.40	20.60
L-6	General	9.80	12.30	0.50	22.60

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	5.10%	6.80%	0.20%	12.10%
L-3	General	6.40	8.30	0.30	15.00
LT-4(65)	General	6.50	8.30	0.20	15.00
LT-5(65)	General	7.40	9.40	0.30	17.10
L-7	General	7.60	9.80	0.30	17.70
LT-8(65)	General	8.40	10.50	0.30	19.20
L-12	General	8.90	11.30	0.40	20.60
LT-14(65)	General	9.30	11.60	0.40	21.30
L-6	General	10.20	12.80	0.50	23.50

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

St. James Ambulance District

Employer Contribution Dollars

Regular Retirement Eligibility

Employer contributions are payable monthly, and each month's actual dollar contribution will be the contribution percent multiplied by the payroll during the month. If payroll during your first year of LAGERS participation equals the annual payroll reported for this valuation, the approximate employer dollar contribution for the year would be as follows:

Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 35,462
L-3	49,314
LT-4(65)	41,557
LT-5(65)	53,747
L-7	62,058
LT-8(65)	65,383
L-12	75,356
LT-14(65)	77,018
L-6	88,654

3 Year FAS	
Benefit Program	General
L-1	\$ 37,678
L-3	51,530
LT-4(65)	43,773
LT-5(65)	56,517
L-7	64,274
LT-8(65)	67,599
L-12	78,681
LT-14(65)	80,343
L-6	92,533

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 57,071
L-3	70,923
LT-4(65)	63,166
LT-5(65)	75,356
L-7	83,667
LT-8(65)	86,992
L-12	96,966
LT-14(65)	98,628
L-6	110,264

3 Year FAS	
Benefit Program	General
L-1	\$ 59,288
L-3	73,140
LT-4(65)	65,383
LT-5(65)	78,127
L-7	85,884
LT-8(65)	89,208
L-12	100,290
LT-14(65)	101,952
L-6	114,142

PLEASE NOTE THAT THE ABOVE INFORMATION IS BASED ON THE PERSONNEL AND PAYROLL DATA SUBMITTED FOR THE ACTUARIAL VALUATION. IN BUDGETING AMOUNTS FOR LAGERS CONTRIBUTIONS YOU SHOULD CONSIDER ANY CHANGES WHICH HAVE BEEN MADE SINCE DATA WAS SUBMITTED FOR THE VALUATION AND ANY CHANGES ANTICIPATED TO BE MADE BEFORE THE END OF THE PERIOD FOR WHICH YOU ARE PREPARING THE BUDGET.

St. James Ambulance District

Employer Contribution Dollars

Rule of 80 Retirement Eligibility

Employer contributions are payable monthly, and each month's actual dollar contribution will be the contribution percent multiplied by the payroll during the month. If payroll during your first year of LAGERS participation equals the annual payroll reported for this valuation, the approximate employer dollar contribution for the year would be as follows:

Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 43,219
L-3	58,179
LT-4(65)	58,733
LT-5(65)	70,369
L-7	73,694
LT-8(65)	81,451
L-12	88,654
LT-14(65)	92,533
L-6	103,615

3 Year FAS	
Benefit Program	General
L-1	\$ 45,435
L-3	61,504
LT-4(65)	61,504
LT-5(65)	73,140
L-7	76,464
LT-8(65)	84,776
L-12	92,533
LT-14(65)	96,411
L-6	108,601

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 64,828
L-3	79,789
LT-4(65)	80,343
LT-5(65)	91,979
L-7	95,303
LT-8(65)	103,061
L-12	110,264
LT-14(65)	114,142
L-6	125,224

3 Year FAS	
Benefit Program	General
L-1	\$ 67,045
L-3	83,113
LT-4(65)	83,113
LT-5(65)	94,749
L-7	98,074
LT-8(65)	106,385
L-12	114,142
LT-14(65)	118,021
L-6	130,211

PLEASE NOTE THAT THE ABOVE INFORMATION IS BASED ON THE PERSONNEL AND PAYROLL DATA SUBMITTED FOR THE ACTUARIAL VALUATION. IN BUDGETING AMOUNTS FOR LAGERS CONTRIBUTIONS YOU SHOULD CONSIDER ANY CHANGES WHICH HAVE BEEN MADE SINCE DATA WAS SUBMITTED FOR THE VALUATION AND ANY CHANGES ANTICIPATED TO BE MADE BEFORE THE END OF THE PERIOD FOR WHICH YOU ARE PREPARING THE BUDGET.

St. James Ambulance District

Employees and Payroll Included in the Valuation

	General
Number of Employees	13
Annual Payroll	\$ 554,089

Information regarding the age and service characteristics of the employees is contained in Appendix V.

APPENDIX I

**UNFUNDED ACTUARIAL
ACCRUED LIABILITY**

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)

If the decision is made to join LAGERS the governing body also must decide how much credit to grant employees for their service before the membership date. The options are to cover 25%, 50%, 75% or 100% of prior service. The granting of prior service credit results in the establishment of an actuarial accrued liability. Because your political subdivision will not have established an asset balance with the System as of the membership date, the value established for prior service is an unfunded actuarial accrued liability.

The policy of the LAGERS Board of Trustees provides that unfunded liabilities are to be paid for by level percent of payroll contributions over a period of 30 years. The contribution rates shown on pages 4 through 11 as the "Prior Service Cost" are designed to pay for the applicable unfunded actuarial accrued liability. This procedure will allow your political subdivision to retire the unfunded actuarial accrued liability in an orderly fashion over a period of years without the need for an immediate large payment upon joining the System.

Should the governing body elect to grant credit for 100% of the employees' prior service, the unfunded actuarial accrued liability as of the date of this valuation would be as follows:

St. James Ambulance District

Regular Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 359,886	\$ 374,114	\$ 411,205	\$ 425,680
L-3	General	460,691	478,320	514,006	532,070
LT-4(65)	General	411,608	427,707	462,635	478,930
LT-5(65)	General	499,502	518,531	552,557	571,951
L-7	General	561,189	582,307	616,857	638,472
LT-8(65)	General	587,052	609,091	642,528	665,105
L-12	General	661,192	685,644	719,593	744,917
LT-14(65)	General	674,121	699,058	732,430	758,198
L-6	General	760,891	788,745	822,413	851,307

St. James Ambulance District

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)

Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 431,180	\$ 448,210	\$ 479,433	\$ 496,736
L-3	General	549,099	570,361	599,295	620,906
LT-4(65)	General	567,677	589,630	615,441	637,657
LT-5(65)	General	651,458	676,456	701,268	726,632
L-7	General	666,710	692,095	719,170	745,165
LT-8(65)	General	734,964	762,808	787,159	815,634
L-12	General	783,877	813,430	839,017	869,278
LT-14(65)	General	818,004	848,801	873,018	904,512
L-6	General	900,733	934,367	958,888	993,493

APPENDIX II

SUMMARY OF FINANCIAL ASSUMPTIONS

Summary of Assumptions Used in Actuarial Valuations

Assumptions Adopted by Board of Trustees After Consulting With Actuary

1. The investment return rate used in making the valuations was 7.25% per year, net of investment expenses, compounded annually. This rate of return is not the assumed real rate of return. The real rate of return is the rate of investment return in excess of the inflation rate. The price inflation rate used in making the valuations was 2.50% and the wage inflation rate used in making the valuations was 3.25%. The investment return rate translates to an assumed real rate of return over price inflation of 4.75% and over wage inflation of 4.00%. Adopted 2011 and 2016.
2. The healthy retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The disabled retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were the RP-2014 disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The pre-retirement mortality tables used were the RP-2014 employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. For both the post-retirement and pre-retirement tables, the base year for males was then established to be 2017. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to the above described tables. Adopted 2016.
3. The probabilities of withdrawal and disability from service, together with individual pay increase assumptions, are shown in Schedule 1. Adopted 2016.
4. The probabilities of retirement with an age and service allowance are shown in Schedule 2. Adopted 2016.
5. Post-retirement cost of living allowances are assumed to be 2.50% per year. Adopted 2016.
6. Total active member payroll is assumed to increase a year, which is the portion of the individual pay increase assumptions attributable to wage inflation. In effect, this assumes no change in the number of active members per employer. Adopted 2016.
7. An individual entry-age actuarial cost method of valuation was used in determining age and service allowance actuarial liabilities and normal cost. Adopted 1986.
8. The data about persons now covered was furnished by the political subdivision. Although examined for general reasonableness, the data was not audited by us.

Schedule 1.

**Separations From Active Employment (Not Including Death-In-Service)
Before Age & Service Retirement and Individual Pay Increase Assumptions**

**Percent of Active Members
Separating Within Next Year**

Sample Ages	Years of Service	General Members							
		Men		Women		Police		Fire	
		Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal
All	0		19.00%		22.00%		18.00%		10.00%
	1		17.00		20.00		17.00		8.00
	2		15.00		17.00		16.00		7.00
	3		13.00		14.00		13.00		6.00
	4		11.00		13.00		12.00		6.00
25	5 & Over	0.09%	7.30	0.02%	10.80	0.10%	9.80	0.06%	5.00
30		0.12	6.50	0.03	8.90	0.11	7.80	0.10	4.00
35		0.15	5.00	0.06	7.40	0.16	6.10	0.23	2.80
40		0.21	3.70	0.10	5.70	0.22	4.40	0.35	2.20
45		0.30	3.00	0.16	4.20	0.34	3.20	0.56	1.80
50		0.44	2.40	0.24	3.30	0.53	1.80	0.85	1.00
55		0.68	1.80	0.34	2.50	0.88	1.00	1.31	0.50
60		1.02	1.00	0.48	1.20		0.00		0.00
65			0.00		0.00		0.00		0.00

**Percent Increase in
Individual's Pay**

Sample Ages	During Next Year	
	General & Police	Fire
25	6.55%	7.15%
30	5.75	6.05
35	5.25	5.15
40	4.75	4.45
45	4.25	4.15
50	3.85	3.85
55	3.65	3.65
60	3.55	3.25
65	3.25	3.25

Schedule 2.

**Percent of Eligible Active Members Retiring Within Next Year
Without Rule of 80 Eligibility**

Early Retirement

Retirement Ages	General Members		Retirement Ages	Police	Fire
	Men	Women			
55	3.00%	3.00%	50	2.50%	2.50%
56	3.00%	3.00%	51	2.50%	2.50%
57	3.00%	3.00%	52	2.50%	2.50%
58	3.00%	3.00%	53	2.50%	2.50%
59	3.00%	3.00%	54	2.50%	2.50%

Normal Retirement

Retirement Ages	General Members		Retirement Ages	Police	Fire
	Men	Women			
60	10%	10%	55	10%	13%
61	10	10	56	10	13
62	25	15	57	10	13
63	20	15	58	10	13
64	20	15	59	10	13
65	25	25	60	10	15
66	25	25	61	10	15
67	20	25	62	25	20
68	20	25	63	20	20
69	20	20	64	20	20
70	100	100	65	100	100

Schedule 2. (Continued)

**Percent of Eligible Active Members Retiring Within Next Year
With Rule of 80 Eligibility**

Retirement Ages	General Members		Police	Fire
	Men	Women		
50	15%	15%	25%	25%
51	15	15	25	20
52	15	15	15	20
53	15	15	15	20
54	15	15	15	20
55	15	15	15	20
56	15	15	15	20
57	15	15	15	25
58	15	15	15	25
59	15	15	15	25
60	15	15	15	35
61	15	15	25	35
62	30	15	30	45
63	30	15	30	45
64	30	20	30	45
65	30	25	100	100
66	30	25		
67	30	25		
68	30	25		
69	30	25		
70	100	100		

APPENDIX III

**SUMMARY OF
LAGERS PROVISIONS**

Missouri Local Government Employees Retirement System
Brief Summary of LAGERS
Benefits and Conditions Evaluated and/or Considered
as of February 28, 2017
(Section references are to RSMo)

Voluntary Retirement. Sections 70.645 & 70.600. A member may retire with an age & service allowance after both (i) completing 5 years of credited service, and (ii) attaining the minimum service retirement age.

The minimum service retirement age is age 60 for a general employee and age 55 for a police or fire employee. Optionally, employers may also elect to provide for unreduced benefits for employees whose combination of years of age and years of service equals 80 or more.

Final Average Salary. Section 70.600. The average of a member's monthly compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) of credited service producing the highest monthly average, which period is contained within the 120 consecutive months of credited service immediately preceding retirement.

Age & Service Allowance. Section 70.655. The allowance, payable monthly for life, equals a specified percent of a member's final average salary multiplied by the number of years of credited service. Each employer elects the percent applicable to its members, from the following programs:

L-1 Benefit Program:	1.00% for life
L-3 Benefit Program:	1.25% for life
L-7 Benefit Program:	1.50% for life
L-12 Benefit Program:	1.75% for life
L-6 Benefit Program:	2.00% for life
LT-4(65) Benefit Program:	1.00% for life, plus 1.00% to age 65
LT-5(65) Benefit Program:	1.25% for life, plus 0.75% to age 65
LT-8(65) Benefit Program:	1.50% for life, plus 0.50% to age 65
LT-14(65) Benefit Program:	1.75% for life, plus 0.25% to age 65

The only LT benefit programs available for adoption after August 1, 1994 are the LT(65) programs.

Benefit programs L-9 and LT-10(65) are unavailable for adoption after August 1, 2005.

Benefit program L-11, available only to groups not covered by social security, provides for 2.5% for life.

Subsequent to joining the System the governing body can elect to change benefit programs for the employees, but not more often than once every 2 years.

Early Allowance. Section 70.670. A member may retire with an early allowance after both (i) completing 5 years of credited service, and (ii) attaining age 55 if a general employee or age 50 if a police or fire employee.

The early allowance amount, payable monthly for life, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of early retirement, but reduced to reflect the fact that the age when payments begin is younger than the minimum service retirement age. The amount of the reduction is 1/2 of 1% (.005) for each month the age at retirement is younger than the minimum service retirement age.

Deferred Allowance. Section 70.675. If a member leaves LAGERS-covered employment (i) before attaining the early retirement age, and (ii) after completing 5 years of credited service, the member becomes eligible for a deferred allowance; provided the former member lives to the minimum service retirement age and does not withdraw the accumulated contributions.

The deferred allowance amount, payable monthly for life from the minimum service retirement age, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of leaving LAGERS coverage.

Deferred allowances are also payable any time after reaching the early retirement age, with the reduction for early retirement noted on the previous page.

Non-Duty Disability Allowance. Section 70.680. A member with 5 or more years of credited service who becomes totally and permanently disabled from other than duty-connected causes becomes eligible to receive a non-duty disability allowance computed in the same manner as an age & service allowance, based upon the service & earnings record to time of disability.

Duty Disability Allowance. Section 70.680. A member regardless of credited service who becomes totally and permanently disabled from duty-connected causes becomes eligible to receive a duty disability allowance computed in the same manner as an age & service allowance, based upon the earnings record to time of disability but based upon the years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Death-in-Service. Section 70.661. Upon the death of a member who had completed 5 years of credited service, the eligible surviving dependents receive the following benefits:

(a) The surviving spouse receives an allowance equal to the Option A allowance (joint and 75% survivor benefit) computed based upon the deceased members' service & earnings record to time of death.

(b) When no spouse benefit is payable, the dependent children under age 18 (age 23 if they are full time students) each receive an equal share of 60% of an age & service allowance computed based upon the deceased member's service & earnings record to time of death.

(c) If the death is determined to be duty related, the 5 year service requirement is waived and the benefit is based on years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Benefit Changes After Retirement. Section 70.655. For retirements effective after September 28, 1975, there is an annual redetermination of monthly benefit amount, beginning the October first following 12 months of retirement. As of each October first the amount of each eligible benefit is redetermined as follows:

(a) Subject to the maximum in (b), the redetermined amount is the amount other-wise payable multiplied by: 100% plus up to 4%, as determined by the LAGERS Board of Trustees, for each full year of retirement.

(b) The redetermined amount may not exceed the amount otherwise payable multiplied by the ratio of the Consumer Price Index for the immediately preceding month of June to the Consumer Price Index for the month of June immediately preceding retirement.

Member Contributions. Sections 70.690 & 70.705. Each member contributes 4% of compensation beginning after completion of sufficient employment for 6 months of credited service.

If a member leaves LAGERS-covered employment before an allowance is payable, the accumulated contributions are refunded to the member. If the member dies, his accumulated contributions are refunded to a designated beneficiary.

The law governing LAGERS also has a provision for the adoption of a non-contributory plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the non-contributory provisions may be done at the time of membership or a later date; however, a change from contributory to non-contributory or vice-versa may not be made more frequently than every 2 years. Under the non-contributory provisions there is no individual account maintained for each employee and no refund of contributions if an employee terminates before being eligible for a benefit.

Employer Contributions. Section 70.730. Each employer contributes the remainder amounts necessary to finance the employees' participation in LAGERS. Contributions to LAGERS are determined based upon level-percent-of-payroll principles, so that contribution rates do not have to increase over decades of time.

APPENDIX IV

**BENEFIT
ILLUSTRATIONS**

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-1 Benefit Program is Years of Credited Service
times: 1.00% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 875	\$1,400	93%
2,000	700	1,016	1,716	86%
2,500	875	1,157	2,032	81%
3,000	1,050	1,297	2,347	78%
3,500	1,225	1,438	2,663	76%
4,000	1,400	1,579	2,979	74%
25 Years of Service:				
\$1,500	\$ 375	\$ 875	\$1,250	83%
2,000	500	1,016	1,516	76%
2,500	625	1,157	1,782	71%
3,000	750	1,297	2,047	68%
3,500	875	1,438	2,313	66%
4,000	1,000	1,579	2,579	64%
15 Years of Service:				
\$1,500	\$225	\$ 875	\$1,100	73%
2,000	300	1,016	1,316	66%
2,500	375	1,157	1,532	61%
3,000	450	1,297	1,747	58%
3,500	525	1,438	1,963	56%
4,000	600	1,579	2,179	54%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-3 Benefit Program is Years of Credited Service
times: 1.25% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 656	\$ 875	\$1,531	102%
2,000	875	1,016	1,891	95%
2,500	1,094	1,157	2,251	90%
3,000	1,313	1,297	2,610	87%
3,500	1,531	1,438	2,969	85%
4,000	1,750	1,579	3,329	83%
25 Years of Service:				
\$1,500	\$ 469	\$ 875	\$1,344	90%
2,000	625	1,016	1,641	82%
2,500	781	1,157	1,938	78%
3,000	938	1,297	2,235	75%
3,500	1,094	1,438	2,532	72%
4,000	1,250	1,579	2,829	71%
15 Years of Service:				
\$1,500	\$281	\$ 875	\$1,156	77%
2,000	375	1,016	1,391	70%
2,500	469	1,157	1,626	65%
3,000	563	1,297	1,860	62%
3,500	656	1,438	2,094	60%
4,000	750	1,579	2,329	58%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-7 Benefit Program is Years of Credited Service
times: 1.50% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 788	\$ 875	\$1,663	111%
2,000	1,050	1,016	2,066	103%
2,500	1,313	1,157	2,470	99%
3,000	1,575	1,297	2,872	96%
3,500	1,838	1,438	3,276	94%
4,000	2,100	1,579	3,679	92%
25 Years of Service:				
\$1,500	\$ 563	\$ 875	\$1,438	96%
2,000	750	1,016	1,766	88%
2,500	938	1,157	2,095	84%
3,000	1,125	1,297	2,422	81%
3,500	1,313	1,438	2,751	79%
4,000	1,500	1,579	3,079	77%
15 Years of Service:				
\$1,500	\$338	\$ 875	\$1,213	81%
2,000	450	1,016	1,466	73%
2,500	563	1,157	1,720	69%
3,000	675	1,297	1,972	66%
3,500	788	1,438	2,226	64%
4,000	900	1,579	2,479	62%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-12 Benefit Program is Years of Credited Service
times: 1.75% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 875	\$1,794	120%
2,000	1,225	1,016	2,241	112%
2,500	1,531	1,157	2,688	108%
3,000	1,838	1,297	3,135	105%
3,500	2,144	1,438	3,582	102%
4,000	2,450	1,579	4,029	101%
25 Years of Service:				
\$1,500	\$ 656	\$ 875	\$1,531	102%
2,000	875	1,016	1,891	95%
2,500	1,094	1,157	2,251	90%
3,000	1,313	1,297	2,610	87%
3,500	1,531	1,438	2,969	85%
4,000	1,750	1,579	3,329	83%
15 Years of Service:				
\$1,500	\$ 394	\$ 875	\$1,269	85%
2,000	525	1,016	1,541	77%
2,500	656	1,157	1,813	73%
3,000	788	1,297	2,085	70%
3,500	919	1,438	2,357	67%
4,000	1,050	1,579	2,629	66%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-6 Benefit Program is Years of Credited Service
times: 2.00% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 875	\$1,925	128%
2,000	1,400	1,016	2,416	121%
2,500	1,750	1,157	2,907	116%
3,000	2,100	1,297	3,397	113%
3,500	2,450	1,438	3,888	111%
4,000	2,800	1,579	4,379	109%
25 Years of Service:				
\$1,500	\$ 750	\$ 875	\$1,625	108%
2,000	1,000	1,016	2,016	101%
2,500	1,250	1,157	2,407	96%
3,000	1,500	1,297	2,797	93%
3,500	1,750	1,438	3,188	91%
4,000	2,000	1,579	3,579	89%
15 Years of Service:				
\$1,500	\$ 450	\$ 875	\$1,325	88%
2,000	600	1,016	1,616	81%
2,500	750	1,157	1,907	76%
3,000	900	1,297	2,197	73%
3,500	1,050	1,438	2,488	71%
4,000	1,200	1,579	2,779	69%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-4(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.00% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 525	\$ 875	\$1,050	\$1,400	70%	93%
2,000	1,400	700	1,016	1,400	1,716	70%	86%
2,500	1,750	875	1,157	1,750	2,032	70%	81%
3,000	2,100	1,050	1,297	2,100	2,347	70%	78%
3,500	2,450	1,225	1,438	2,450	2,663	70%	76%
4,000	2,800	1,400	1,579	2,800	2,979	70%	74%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 875	\$ 750	\$1,250	50%	83%
2,000	1,000	500	1,016	1,000	1,516	50%	76%
2,500	1,250	625	1,157	1,250	1,782	50%	71%
3,000	1,500	750	1,297	1,500	2,047	50%	68%
3,500	1,750	875	1,438	1,750	2,313	50%	66%
4,000	2,000	1,000	1,579	2,000	2,579	50%	64%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 875	\$ 450	\$1,100	30%	73%
2,000	600	300	1,016	600	1,316	30%	66%
2,500	750	375	1,157	750	1,532	30%	61%
3,000	900	450	1,297	900	1,747	30%	58%
3,500	1,050	525	1,438	1,050	1,963	30%	56%
4,000	1,200	600	1,579	1,200	2,179	30%	54%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-5(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.25% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 656	\$ 875	\$1,050	\$1,531	70%	102%
2,000	1,400	875	1,016	1,400	1,891	70%	95%
2,500	1,750	1,094	1,157	1,750	2,251	70%	90%
3,000	2,100	1,313	1,297	2,100	2,610	70%	87%
3,500	2,450	1,531	1,438	2,450	2,969	70%	85%
4,000	2,800	1,750	1,579	2,800	3,329	70%	83%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 875	\$ 750	\$1,344	50%	90%
2,000	1,000	625	1,016	1,000	1,641	50%	82%
2,500	1,250	781	1,157	1,250	1,938	50%	78%
3,000	1,500	938	1,297	1,500	2,235	50%	75%
3,500	1,750	1,094	1,438	1,750	2,532	50%	72%
4,000	2,000	1,250	1,579	2,000	2,829	50%	71%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 875	\$ 450	\$1,156	30%	77%
2,000	600	375	1,016	600	1,391	30%	70%
2,500	750	469	1,157	750	1,626	30%	65%
3,000	900	563	1,297	900	1,860	30%	62%
3,500	1,050	656	1,438	1,050	2,094	30%	60%
4,000	1,200	750	1,579	1,200	2,329	30%	58%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-8(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.50% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 788	\$ 875	\$1,050	\$1,663	70%	111%
2,000	1,400	1,050	1,016	1,400	2,066	70%	103%
2,500	1,750	1,313	1,157	1,750	2,470	70%	99%
3,000	2,100	1,575	1,297	2,100	2,872	70%	96%
3,500	2,450	1,838	1,438	2,450	3,276	70%	94%
4,000	2,800	2,100	1,579	2,800	3,679	70%	92%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 875	\$ 750	\$1,438	50%	96%
2,000	1,000	750	1,016	1,000	1,766	50%	88%
2,500	1,250	938	1,157	1,250	2,095	50%	84%
3,000	1,500	1,125	1,297	1,500	2,422	50%	81%
3,500	1,750	1,313	1,438	1,750	2,751	50%	79%
4,000	2,000	1,500	1,579	2,000	3,079	50%	77%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 875	\$ 450	\$1,213	30%	81%
2,000	600	450	1,016	600	1,466	30%	73%
2,500	750	563	1,157	750	1,720	30%	69%
3,000	900	675	1,297	900	1,972	30%	66%
3,500	1,050	788	1,438	1,050	2,226	30%	64%
4,000	1,200	900	1,579	1,200	2,479	30%	62%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-14(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.75% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 919	\$ 875	\$1,050	\$1,794	70%	120%
2,000	1,400	1,225	1,016	1,400	2,241	70%	112%
2,500	1,750	1,531	1,157	1,750	2,688	70%	108%
3,000	2,100	1,838	1,297	2,100	3,135	70%	105%
3,500	2,450	2,144	1,438	2,450	3,582	70%	102%
4,000	2,800	2,450	1,579	2,800	4,029	70%	101%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 875	\$ 750	\$1,531	50%	102%
2,000	1,000	875	1,016	1,000	1,891	50%	95%
2,500	1,250	1,094	1,157	1,250	2,251	50%	90%
3,000	1,500	1,313	1,297	1,500	2,610	50%	87%
3,500	1,750	1,531	1,438	1,750	2,969	50%	85%
4,000	2,000	1,750	1,579	2,000	3,329	50%	83%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 875	\$ 450	\$1,269	30%	85%
2,000	600	525	1,016	600	1,541	30%	77%
2,500	750	656	1,157	750	1,813	30%	73%
3,000	900	788	1,297	900	2,085	30%	70%
3,500	1,050	919	1,438	1,050	2,357	30%	67%
4,000	1,200	1,050	1,579	1,200	2,629	30%	66%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2017 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

APPENDIX V

**AGE AND SERVICE
CHARACTERISTICS OF
EMPLOYEES**

St. James Ambulance District

September 30, 2017

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24									
25-29	2							2	\$ 81,362
30-34	1	2						3	\$ 117,454
35-39	1	1						2	\$ 89,302
40-44		1	1	2				4	\$ 193,881
45-49		1						1	\$ 35,722
50-54									
55-59									
60-64		1						1	\$ 36,368
65-69									
70 & Over									
Totals	4	6	1	2				13	\$ 554,089

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

Age: 38.9 years.

Benefit Service: 8.5 years.

Annual Pay: \$42,622.

November 21, 2017 E-mail

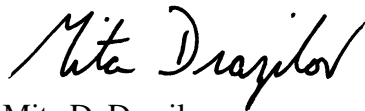
Mr. Robert Wilson, Executive Secretary
Missouri Local Government
Employees Retirement System
P.O. Box 1665
Jefferson City, Missouri 65102

Dear Bob:

Enclosed is the report of the September 30, 2017 Initial Actuarial
Valuation of LAGERS benefits for the employees of

St. James Ambulance District

Sincerely,



Mita D. Drazilov

MDD:adh

November 21, 2017

St. James Ambulance District
St. James, Missouri

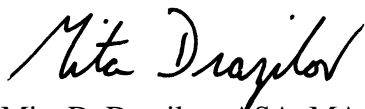
Ladies and Gentlemen:

This report contains projections needed to comply with Missouri state disclosure requirements (Section 105.660 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision. This report is intended to be a supplement to the September 30, 2017 Initial Valuation for the St. James Ambulance District dated November 21, 2017.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of the Initial Valuation Report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 28, 2017.

Mita Drazilov is a member of the American Academy of Actuaries and meets the Qualification Standards of the Academy of Actuaries to render the actuarial opinion herein.

Respectfully submitted,



Mita D. Drazilov, ASA, MAAA

St. James Ambulance District - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	6.4%	\$35,462	\$ 359,886	8.9%	\$49,314	\$ 460,691	7.5%	\$41,557	\$ 411,608
2018	572,097	6.4	36,614	364,816	8.9	50,917	467,002	7.5	42,907	417,247
2019	590,690	6.4	37,804	369,416	8.9	52,571	472,891	7.5	44,302	422,508
2020	609,887	6.4	39,033	373,640	8.9	54,280	478,298	7.5	45,742	427,339
2021	629,708	6.4	40,301	377,437	8.9	56,044	483,158	7.5	47,228	431,681
2022	650,174	6.4	41,611	380,752	8.9	57,865	487,401	7.5	48,763	435,472
2023	671,305	6.4	42,964	383,526	8.9	59,746	490,951	7.5	50,348	438,644
2024	693,122	6.4	44,360	385,694	8.9	61,688	493,726	7.5	51,984	441,123
2025	715,648	6.4	45,801	387,185	8.9	63,693	495,635	7.5	53,674	442,829
2026	738,907	6.4	47,290	387,924	8.9	65,763	496,581	7.5	55,418	443,675

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	9.7%	\$53,747	\$ 499,502	11.2%	\$62,058	\$ 561,189	11.8%	\$65,383	\$ 587,052
2018	572,097	9.7	55,493	506,345	11.2	64,075	568,877	11.8	67,507	595,095
2019	590,690	9.7	57,297	512,730	11.2	66,157	576,050	11.8	69,701	602,599
2020	609,887	9.7	59,159	518,592	11.2	68,307	582,636	11.8	71,967	609,488
2021	629,708	9.7	61,082	523,861	11.2	70,527	588,556	11.8	74,306	615,681
2022	650,174	9.7	63,067	528,462	11.2	72,819	593,725	11.8	76,721	621,088
2023	671,305	9.7	65,117	532,311	11.2	75,186	598,050	11.8	79,214	625,612
2024	693,122	9.7	67,233	535,319	11.2	77,630	601,430	11.8	81,788	629,148
2025	715,648	9.7	69,418	537,389	11.2	80,153	603,756	11.8	84,446	631,581
2026	738,907	9.7	71,674	538,415	11.2	82,758	604,909	11.8	87,191	632,787

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	13.6%	\$75,356	\$ 661,192	13.9%	\$77,018	\$ 674,121	16.0%	\$88,654	\$ 760,891
2018	572,097	13.6	77,805	670,250	13.9	79,521	683,356	16.0	91,536	771,315
2019	590,690	13.6	80,334	678,701	13.9	82,106	691,973	16.0	94,510	781,041
2020	609,887	13.6	82,945	686,461	13.9	84,774	699,884	16.0	97,582	789,971
2021	629,708	13.6	85,640	693,436	13.9	87,529	706,995	16.0	100,753	797,998
2022	650,174	13.6	88,424	699,526	13.9	90,374	713,204	16.0	104,028	805,006
2023	671,305	13.6	91,297	704,622	13.9	93,311	718,399	16.0	107,409	810,870
2024	693,122	13.6	94,265	708,604	13.9	96,344	722,459	16.0	110,900	815,453
2025	715,648	13.6	97,328	711,344	13.9	99,475	725,253	16.0	114,504	818,606
2026	738,907	13.6	100,491	712,702	13.9	102,708	726,638	16.0	118,225	820,169

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	6.8%	\$37,678	\$ 374,114	9.3%	\$51,530	\$ 478,320	7.9%	\$43,773	\$ 427,707
2018	572,097	6.8	38,903	379,239	9.3	53,205	484,873	7.9	45,196	433,567
2019	590,690	6.8	40,167	384,021	9.3	54,934	490,987	7.9	46,665	439,034
2020	609,887	6.8	41,472	388,411	9.3	56,719	496,600	7.9	48,181	444,053
2021	629,708	6.8	42,820	392,358	9.3	58,563	501,646	7.9	49,747	448,565
2022	650,174	6.8	44,212	395,804	9.3	60,466	506,052	7.9	51,364	452,504
2023	671,305	6.8	45,649	398,687	9.3	62,431	509,738	7.9	53,033	455,800
2024	693,122	6.8	47,132	400,940	9.3	64,460	512,619	7.9	54,757	458,376
2025	715,648	6.8	48,664	402,490	9.3	66,555	514,601	7.9	56,536	460,149
2026	738,907	6.8	50,246	403,259	9.3	68,718	515,584	7.9	58,374	461,028

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	10.2%	\$56,517	\$ 518,531	11.6%	\$64,274	\$ 582,307	12.2%	\$67,599	\$ 609,091
2018	572,097	10.2	58,354	525,635	11.6	66,363	590,285	12.2	69,796	617,435
2019	590,690	10.2	60,250	532,263	11.6	68,520	597,728	12.2	72,064	625,220
2020	609,887	10.2	62,208	538,348	11.6	70,747	604,562	12.2	74,406	632,368
2021	629,708	10.2	64,230	543,818	11.6	73,046	610,705	12.2	76,824	638,793
2022	650,174	10.2	66,318	548,594	11.6	75,420	616,068	12.2	79,321	644,403
2023	671,305	10.2	68,473	552,590	11.6	77,871	620,556	12.2	81,899	649,097
2024	693,122	10.2	70,698	555,713	11.6	80,402	624,063	12.2	84,561	652,765
2025	715,648	10.2	72,996	557,862	11.6	83,015	626,476	12.2	87,309	655,289
2026	738,907	10.2	75,369	558,927	11.6	85,713	627,672	12.2	90,147	656,540

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	14.2%	\$78,681	\$ 685,644	14.5%	\$80,343	\$ 699,058	16.7%	\$92,533	\$ 788,745
2018	572,097	14.2	81,238	695,037	14.5	82,954	708,635	16.7	95,540	799,551
2019	590,690	14.2	83,878	703,801	14.5	85,650	717,570	16.7	98,645	809,633
2020	609,887	14.2	86,604	711,848	14.5	88,434	725,774	16.7	101,851	818,889
2021	629,708	14.2	89,419	719,081	14.5	91,308	733,149	16.7	105,161	827,210
2022	650,174	14.2	92,325	725,396	14.5	94,275	739,588	16.7	108,579	834,475
2023	671,305	14.2	95,325	730,680	14.5	97,339	744,975	16.7	112,108	840,554
2024	693,122	14.2	98,423	734,810	14.5	100,503	749,185	16.7	115,751	845,305
2025	715,648	14.2	101,622	737,652	14.5	103,769	752,082	16.7	119,513	848,574
2026	738,907	14.2	104,925	739,061	14.5	107,142	753,518	16.7	123,397	850,194

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	10.3%	\$57,071	\$ 411,205	12.8%	\$70,923	\$ 514,006	11.4%	\$63,166	\$ 462,635
2018	572,097	10.3	58,926	416,838	12.8	73,228	521,048	11.4	65,219	468,973
2019	590,690	10.3	60,841	422,094	12.8	75,608	527,618	11.4	67,339	474,886
2020	609,887	10.3	62,818	426,920	12.8	78,066	533,650	11.4	69,527	480,315
2021	629,708	10.3	64,860	431,258	12.8	80,603	539,072	11.4	71,787	485,195
2022	650,174	10.3	66,968	435,045	12.8	83,222	543,806	11.4	74,120	489,456
2023	671,305	10.3	69,144	438,214	12.8	85,927	547,767	11.4	76,529	493,021
2024	693,122	10.3	71,392	440,691	12.8	88,720	550,863	11.4	79,016	495,807
2025	715,648	10.3	73,712	442,395	12.8	91,603	552,993	11.4	81,584	497,724
2026	738,907	10.3	76,107	443,240	12.8	94,580	554,049	11.4	84,235	498,674

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	13.6%	\$75,356	\$ 552,557	15.1%	\$83,667	\$ 616,857	15.7%	\$86,992	\$ 642,528
2018	572,097	13.6	77,805	560,127	15.1	86,387	625,308	15.7	89,819	651,331
2019	590,690	13.6	80,334	567,190	15.1	89,194	633,193	15.7	92,738	659,544
2020	609,887	13.6	82,945	573,675	15.1	92,093	640,432	15.7	95,752	667,085
2021	629,708	13.6	85,640	579,504	15.1	95,086	646,939	15.7	98,864	673,863
2022	650,174	13.6	88,424	584,593	15.1	98,176	652,621	15.7	102,077	679,781
2023	671,305	13.6	91,297	588,851	15.1	101,367	657,375	15.7	105,395	684,733
2024	693,122	13.6	94,265	592,179	15.1	104,661	661,090	15.7	108,820	688,603
2025	715,648	13.6	97,328	594,469	15.1	108,063	663,646	15.7	112,357	691,266
2026	738,907	13.6	100,491	595,604	15.1	111,575	664,913	15.7	116,008	692,586

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	17.5%	\$96,966	\$ 719,593	17.8%	\$98,628	\$ 732,430	19.9%	\$110,264	\$ 822,413
2018	572,097	17.5	100,117	729,451	17.8	101,833	742,464	19.9	113,847	833,680
2019	590,690	17.5	103,371	738,649	17.8	105,143	751,826	19.9	117,547	844,192
2020	609,887	17.5	106,730	747,094	17.8	108,560	760,422	19.9	121,368	853,844
2021	629,708	17.5	110,199	754,685	17.8	112,088	768,149	19.9	125,312	862,520
2022	650,174	17.5	113,780	761,313	17.8	115,731	774,895	19.9	129,385	870,095
2023	671,305	17.5	117,478	766,859	17.8	119,492	780,540	19.9	133,590	876,433
2024	693,122	17.5	121,296	771,193	17.8	123,376	784,951	19.9	137,931	881,386
2025	715,648	17.5	125,238	774,175	17.8	127,385	787,986	19.9	142,414	884,794
2026	738,907	17.5	129,309	775,653	17.8	131,525	789,491	19.9	147,042	886,483

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	10.7%	\$59,288	\$ 425,680	13.2%	\$73,140	\$ 532,070	11.8%	\$65,383	\$ 478,930
2018	572,097	10.7	61,214	431,512	13.2	75,517	539,359	11.8	67,507	485,491
2019	590,690	10.7	63,204	436,953	13.2	77,971	546,160	11.8	69,701	491,613
2020	609,887	10.7	65,258	441,949	13.2	80,505	552,404	11.8	71,967	497,234
2021	629,708	10.7	67,379	446,440	13.2	83,121	558,017	11.8	74,306	502,286
2022	650,174	10.7	69,569	450,361	13.2	85,823	562,918	11.8	76,721	506,697
2023	671,305	10.7	71,830	453,642	13.2	88,612	567,018	11.8	79,214	510,388
2024	693,122	10.7	74,164	456,206	13.2	91,492	570,223	11.8	81,788	513,273
2025	715,648	10.7	76,574	457,970	13.2	94,466	572,428	11.8	84,446	515,258
2026	738,907	10.7	79,063	458,844	13.2	97,536	573,521	11.8	87,191	516,242

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	14.1%	\$78,127	\$ 571,951	15.5%	\$85,884	\$ 638,472	16.1%	\$89,208	\$ 665,105
2018	572,097	14.1	80,666	579,787	15.5	88,675	647,219	16.1	92,108	674,217
2019	590,690	14.1	83,287	587,098	15.5	91,557	655,380	16.1	95,101	682,718
2020	609,887	14.1	85,994	593,810	15.5	94,532	662,873	16.1	98,192	690,523
2021	629,708	14.1	88,789	599,844	15.5	97,605	669,608	16.1	101,383	697,539
2022	650,174	14.1	91,675	605,112	15.5	100,777	675,489	16.1	104,678	703,665
2023	671,305	14.1	94,654	609,520	15.5	104,052	680,409	16.1	108,080	708,791
2024	693,122	14.1	97,730	612,965	15.5	107,434	684,254	16.1	111,593	712,797
2025	715,648	14.1	100,906	615,335	15.5	110,925	686,900	16.1	115,219	715,553
2026	738,907	14.1	104,186	616,510	15.5	114,531	688,212	16.1	118,964	716,919

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	18.1%	\$100,290	\$ 744,917	18.4%	\$101,952	\$ 758,198	20.6%	\$114,142	\$ 851,307
2018	572,097	18.1	103,550	755,122	18.4	105,266	768,585	20.6	117,852	862,970
2019	590,690	18.1	106,915	764,644	18.4	108,687	778,276	20.6	121,682	873,852
2020	609,887	18.1	110,390	773,386	18.4	112,219	787,174	20.6	125,637	883,843
2021	629,708	18.1	113,977	781,244	18.4	115,866	795,172	20.6	129,720	892,824
2022	650,174	18.1	117,681	788,105	18.4	119,632	802,155	20.6	133,936	900,665
2023	671,305	18.1	121,506	793,846	18.4	123,520	807,998	20.6	138,289	907,226
2024	693,122	18.1	125,455	798,333	18.4	127,534	812,565	20.6	142,783	912,353
2025	715,648	18.1	129,532	801,420	18.4	131,679	815,707	20.6	147,423	915,881
2026	738,907	18.1	133,742	802,950	18.4	135,959	817,265	20.6	152,215	917,630

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	7.8%	\$43,219	\$ 431,180	10.5%	\$58,179	\$ 549,099	10.6%	\$58,733	\$ 567,677
2018	572,097	7.8	44,624	437,087	10.5	60,070	556,622	10.6	60,642	575,454
2019	590,690	7.8	46,074	442,598	10.5	62,022	563,641	10.6	62,613	582,710
2020	609,887	7.8	47,571	447,658	10.5	64,038	570,085	10.6	64,648	589,372
2021	629,708	7.8	49,117	452,207	10.5	66,119	575,878	10.6	66,749	595,361
2022	650,174	7.8	50,714	456,178	10.5	68,268	580,936	10.6	68,918	600,590
2023	671,305	7.8	52,362	459,501	10.5	70,487	585,168	10.6	71,158	604,965
2024	693,122	7.8	54,064	462,098	10.5	72,778	588,475	10.6	73,471	608,384
2025	715,648	7.8	55,821	463,885	10.5	75,143	590,751	10.6	75,859	610,737
2026	738,907	7.8	57,635	464,771	10.5	77,585	591,879	10.6	78,324	611,903

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	12.7%	\$70,369	\$ 651,458	13.3%	\$73,694	\$ 666,710	14.7%	\$81,451	\$ 734,964
2018	572,097	12.7	72,656	660,383	13.3	76,089	675,844	14.7	84,098	745,033
2019	590,690	12.7	75,018	668,710	13.3	78,562	684,366	14.7	86,831	754,427
2020	609,887	12.7	77,456	676,355	13.3	81,115	692,190	14.7	89,653	763,052
2021	629,708	12.7	79,973	683,227	13.3	83,751	699,223	14.7	92,567	770,805
2022	650,174	12.7	82,572	689,227	13.3	86,473	705,364	14.7	95,576	777,574
2023	671,305	12.7	85,256	694,248	13.3	89,284	710,502	14.7	98,682	783,238
2024	693,122	12.7	88,026	698,172	13.3	92,185	714,518	14.7	101,889	787,665
2025	715,648	12.7	90,887	700,872	13.3	95,181	717,281	14.7	105,200	790,711
2026	738,907	12.7	93,841	702,210	13.3	98,275	718,651	14.7	108,619	792,221

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	16.0%	\$88,654	\$ 783,877	16.7%	\$92,533	\$ 818,004	18.7%	\$103,615	\$ 900,733
2018	572,097	16.0	91,536	794,616	16.7	95,540	829,211	18.7	106,982	913,073
2019	590,690	16.0	94,510	804,636	16.7	98,645	839,667	18.7	110,459	924,586
2020	609,887	16.0	97,582	813,835	16.7	101,851	849,267	18.7	114,049	935,157
2021	629,708	16.0	100,753	822,104	16.7	105,161	857,896	18.7	117,755	944,659
2022	650,174	16.0	104,028	829,324	16.7	108,579	865,430	18.7	121,583	952,955
2023	671,305	16.0	107,409	835,365	16.7	112,108	871,734	18.7	125,534	959,897
2024	693,122	16.0	110,900	840,086	16.7	115,751	876,661	18.7	129,614	965,322
2025	715,648	16.0	114,504	843,335	16.7	119,513	880,051	18.7	133,826	969,055
2026	738,907	16.0	118,225	844,945	16.7	123,397	881,731	18.7	138,176	970,905

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	8.2%	\$45,435	\$ 448,210	11.1%	\$61,504	\$ 570,361	11.1%	\$61,504	\$ 589,630
2018	572,097	8.2	46,912	454,350	11.1	63,503	578,175	11.1	63,503	597,708
2019	590,690	8.2	48,437	460,079	11.1	65,567	585,465	11.1	65,567	605,245
2020	609,887	8.2	50,011	465,339	11.1	67,697	592,159	11.1	67,697	612,165
2021	629,708	8.2	51,636	470,067	11.1	69,898	598,176	11.1	69,898	618,385
2022	650,174	8.2	53,314	474,195	11.1	72,169	603,429	11.1	72,169	623,816
2023	671,305	8.2	55,047	477,649	11.1	74,515	607,825	11.1	74,515	628,360
2024	693,122	8.2	56,836	480,349	11.1	76,937	611,260	11.1	76,937	631,911
2025	715,648	8.2	58,683	482,207	11.1	79,437	613,624	11.1	79,437	634,355
2026	738,907	8.2	60,590	483,128	11.1	82,019	614,796	11.1	82,019	635,566

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	13.2%	\$73,140	\$ 676,456	13.8%	\$76,464	\$ 692,095	15.3%	\$84,776	\$ 762,808
2018	572,097	13.2	75,517	685,723	13.8	78,949	701,577	15.3	87,531	773,258
2019	590,690	13.2	77,971	694,370	13.8	81,515	710,423	15.3	90,376	783,008
2020	609,887	13.2	80,505	702,309	13.8	84,164	718,545	15.3	93,313	791,960
2021	629,708	13.2	83,121	709,445	13.8	86,900	725,846	15.3	96,345	800,007
2022	650,174	13.2	85,823	715,676	13.8	89,724	732,221	15.3	99,477	807,033
2023	671,305	13.2	88,612	720,889	13.8	92,640	737,555	15.3	102,710	812,912
2024	693,122	13.2	91,492	724,963	13.8	95,651	741,723	15.3	106,048	817,506
2025	715,648	13.2	94,466	727,766	13.8	98,759	744,591	15.3	109,494	820,667
2026	738,907	13.2	97,536	729,156	13.8	101,969	746,013	15.3	113,053	822,234

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	16.7%	\$92,533	\$ 813,430	17.4%	\$96,411	\$ 848,801	19.6%	\$108,601	\$ 934,367
2018	572,097	16.7	95,540	824,574	17.4	99,545	860,429	19.6	112,131	947,168
2019	590,690	16.7	98,645	834,971	17.4	102,780	871,278	19.6	115,775	959,111
2020	609,887	16.7	101,851	844,517	17.4	106,120	881,239	19.6	119,538	970,076
2021	629,708	16.7	105,161	853,098	17.4	109,569	890,193	19.6	123,423	979,933
2022	650,174	16.7	108,579	860,590	17.4	113,130	898,011	19.6	127,434	988,539
2023	671,305	16.7	112,108	866,859	17.4	116,807	904,552	19.6	131,576	995,740
2024	693,122	16.7	115,751	871,758	17.4	120,603	909,664	19.6	135,852	1,001,368
2025	715,648	16.7	119,513	875,129	17.4	124,523	913,182	19.6	140,267	1,005,240
2026	738,907	16.7	123,397	876,800	17.4	128,570	914,926	19.6	144,826	1,007,159

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	11.7%	\$64,828	\$ 479,433	14.4%	\$79,789	\$ 599,295	14.5%	\$80,343	\$ 615,441
2018	572,097	11.7	66,935	486,001	14.4	82,382	607,505	14.5	82,954	623,872
2019	590,690	11.7	69,111	492,129	14.4	85,059	615,165	14.5	85,650	631,739
2020	609,887	11.7	71,357	497,755	14.4	87,824	622,198	14.5	88,434	638,962
2021	629,708	11.7	73,676	502,813	14.4	90,678	628,520	14.5	91,308	645,454
2022	650,174	11.7	76,070	507,229	14.4	93,625	634,040	14.5	94,275	651,123
2023	671,305	11.7	78,543	510,924	14.4	96,668	638,659	14.5	97,339	655,866
2024	693,122	11.7	81,095	513,812	14.4	99,810	642,268	14.5	100,503	659,573
2025	715,648	11.7	83,731	515,799	14.4	103,053	644,752	14.5	103,769	662,124
2026	738,907	11.7	86,452	516,784	14.4	106,403	645,983	14.5	107,142	663,388

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	16.6%	\$91,979	\$ 701,268	17.2%	\$95,303	\$ 719,170	18.6%	\$103,061	\$ 787,159
2018	572,097	16.6	94,968	710,875	17.2	98,401	729,023	18.6	106,410	797,943
2019	590,690	16.6	98,055	719,839	17.2	101,599	738,216	18.6	109,868	808,005
2020	609,887	16.6	101,241	728,069	17.2	104,901	746,656	18.6	113,439	817,243
2021	629,708	16.6	104,532	735,467	17.2	108,310	754,243	18.6	117,126	825,547
2022	650,174	16.6	107,929	741,926	17.2	111,830	760,867	18.6	120,932	832,797
2023	671,305	16.6	111,437	747,330	17.2	115,464	766,409	18.6	124,863	838,863
2024	693,122	16.6	115,058	751,554	17.2	119,217	770,740	18.6	128,921	843,604
2025	715,648	16.6	118,798	754,460	17.2	123,091	773,720	18.6	133,111	846,866
2026	738,907	16.6	122,659	755,901	17.2	127,092	775,197	18.6	137,437	848,483

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	19.9%	\$110,264	\$ 839,017	20.6%	\$114,142	\$ 873,018	22.6%	\$125,224	\$ 958,888
2018	572,097	19.9	113,847	850,511	20.6	117,852	884,978	22.6	129,294	972,025
2019	590,690	19.9	117,547	861,235	20.6	121,682	896,137	22.6	133,496	984,282
2020	609,887	19.9	121,368	871,081	20.6	125,637	906,382	22.6	137,834	995,535
2021	629,708	19.9	125,312	879,932	20.6	129,720	915,592	22.6	142,314	1,005,651
2022	650,174	19.9	129,385	887,660	20.6	133,936	923,633	22.6	146,939	1,014,483
2023	671,305	19.9	133,590	894,126	20.6	138,289	930,361	22.6	151,715	1,021,873
2024	693,122	19.9	137,931	899,179	20.6	142,783	935,619	22.6	156,646	1,027,648
2025	715,648	19.9	142,414	902,656	20.6	147,423	939,237	22.6	161,736	1,031,622
2026	738,907	19.9	147,042	904,380	20.6	152,215	941,030	22.6	166,993	1,033,592

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

St. James Ambulance District - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	12.1%	\$67,045	\$ 496,736	15.0%	\$83,113	\$ 620,906	15.0%	\$83,113	\$ 637,657
2018	572,097	12.1	69,224	503,541	15.0	85,815	629,412	15.0	85,815	646,393
2019	590,690	12.1	71,473	509,890	15.0	88,604	637,348	15.0	88,604	654,544
2020	609,887	12.1	73,796	515,720	15.0	91,483	644,635	15.0	91,483	662,027
2021	629,708	12.1	76,195	520,960	15.0	94,456	651,185	15.0	94,456	668,754
2022	650,174	12.1	78,671	525,535	15.0	97,526	656,904	15.0	97,526	674,627
2023	671,305	12.1	81,228	529,363	15.0	100,696	661,689	15.0	100,696	679,541
2024	693,122	12.1	83,868	532,355	15.0	103,968	665,429	15.0	103,968	683,382
2025	715,648	12.1	86,593	534,414	15.0	107,347	668,002	15.0	107,347	686,025
2026	738,907	12.1	89,408	535,434	15.0	110,836	669,278	15.0	110,836	687,335

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	17.1%	\$94,749	\$ 726,632	17.7%	\$98,074	\$ 745,165	19.2%	\$106,385	\$ 815,634
2018	572,097	17.1	97,829	736,587	17.7	101,261	755,374	19.2	109,843	826,808
2019	590,690	17.1	101,008	745,875	17.7	104,552	764,899	19.2	113,412	837,234
2020	609,887	17.1	104,291	754,403	17.7	107,950	773,644	19.2	117,098	846,806
2021	629,708	17.1	107,680	762,068	17.7	111,458	781,505	19.2	120,904	855,410
2022	650,174	17.1	111,180	768,761	17.7	115,081	788,368	19.2	124,833	862,923
2023	671,305	17.1	114,793	774,361	17.7	118,821	794,111	19.2	128,891	869,209
2024	693,122	17.1	118,524	778,737	17.7	122,683	798,599	19.2	133,079	874,121
2025	715,648	17.1	122,376	781,748	17.7	126,670	801,687	19.2	137,404	877,501
2026	738,907	17.1	126,353	783,241	17.7	130,787	803,218	19.2	141,870	879,177

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2017	\$ 554,089	20.6%	\$114,142	\$ 869,278	21.3%	\$118,021	\$ 904,512	23.5%	\$130,211	\$ 993,493
2018	572,097	20.6	117,852	881,187	21.3	121,857	916,904	23.5	134,443	1,007,104
2019	590,690	20.6	121,682	892,298	21.3	125,817	928,466	23.5	138,812	1,019,803
2020	609,887	20.6	125,637	902,500	21.3	129,906	939,081	23.5	143,323	1,031,462
2021	629,708	20.6	129,720	911,670	21.3	134,128	948,623	23.5	147,981	1,041,943
2022	650,174	20.6	133,936	919,677	21.3	138,487	956,954	23.5	152,791	1,051,094
2023	671,305	20.6	138,289	926,376	21.3	142,988	963,925	23.5	157,757	1,058,751
2024	693,122	20.6	142,783	931,612	21.3	147,635	969,373	23.5	162,884	1,064,735
2025	715,648	20.6	147,423	935,215	21.3	152,433	973,122	23.5	168,177	1,068,852
2026	738,907	20.6	152,215	937,001	21.3	157,387	974,980	23.5	173,643	1,070,893

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.25%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.