



The Initial Valuation For
City of Florissant
as of June 30, 2020



Table of Contents

	Page
Actuary's Certification Letter	1
Alternate Plans Available	3
Employer Contribution Rates	
Regular Eligibility:	
Contributory Plan	4
Non-Contributory Plan	6
Rule of 80 Eligibility:	
Contributory Plan	8
Non-Contributory Plan	10
Employer Contribution Dollars	12
Appendix I	
Unfunded Actuarial Accrued Liability	15
Appendix II	
Summary of Financial Assumptions	17
Appendix III	
Summary of LAGERS Provisions	21
Appendix IV	
Benefit Illustrations.....	24
Appendix V	
Age and Service Characteristics of Employees	33
Appendix VI	
Risk Commentary.....	35



August 3, 2020

City of Florissant
Florissant, 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). This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

This report was prepared at the request of the political subdivision and is intended for use by the political subdivision and those designated or approved by the political subdivision. This report may be provided to parties other than the political subdivision only in its entirety and only with the permission of the political subdivision. GRS is not responsible for unauthorized use of this report.

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, 2019.

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. This valuation assumed the ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our expertise and not performed. 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 June 30, 2020. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

This report includes risk commentary in Appendix VI, but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

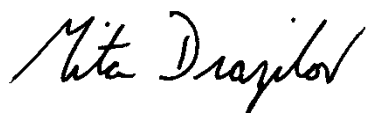
If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the political subdivision as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the actuarial standards of practice issued by the Actuarial Standards Board, and with applicable statutes.

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

The signing actuary is independent of the plan sponsor.

Respectfully submitted,



Mita D. Drazilov, ASA, FCA, 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.

City of Florissant

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	6.70%	3.00%	0.20%	9.90%
	Police	6.40	3.10	0.40	9.90
L-3	General	8.50	4.30	0.30	13.10
	Police	8.10	4.60	0.50	13.20
LT-4(65)	General	7.50	3.70	0.20	11.40
	Police	7.90	4.30	0.40	12.60
LT-5(65)	General	9.00	4.80	0.30	14.10
	Police	9.20	5.50	0.50	15.20
L-7	General	10.20	5.70	0.30	16.20
	Police	9.70	6.10	0.60	16.40
LT-8(65)	General	10.60	6.00	0.30	16.90
	Police	10.50	6.60	0.60	17.70
L-12	General	12.00	7.00	0.40	19.40
	Police	11.40	7.50	0.70	19.60
LT-14(65)	General	12.20	7.20	0.40	19.80
	Police	11.80	7.70	0.70	20.20
L-6	General	13.80	8.40	0.50	22.70
	Police	13.10	8.90	0.80	22.80

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.00%	3.20%	0.20%	10.40%
	Police	6.60	3.30	0.40	10.30
L-3	General	8.80	4.60	0.30	13.70
	Police	8.40	4.80	0.50	13.70
LT-4(65)	General	7.70	3.90	0.20	11.80
	Police	8.20	4.60	0.40	13.20
LT-5(65)	General	9.40	5.00	0.30	14.70
	Police	9.60	5.80	0.50	15.90
L-7	General	10.60	5.90	0.30	16.80
	Police	10.10	6.30	0.60	17.00
LT-8(65)	General	11.00	6.30	0.30	17.60
	Police	10.90	6.90	0.60	18.40
L-12	General	12.40	7.40	0.40	20.20
	Police	11.80	7.90	0.70	20.40
LT-14(65)	General	12.60	7.50	0.40	20.50
	Police	12.20	8.20	0.70	21.10
L-6	General	14.20	8.80	0.50	23.50
	Police	13.60	9.30	0.80	23.70

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.00%	6.50%	0.20%	13.70%
	Police	6.80	6.60	0.40	13.80
L-3	General	8.80	7.90	0.30	17.00
	Police	8.50	8.10	0.50	17.10
LT-4(65)	General	7.80	7.10	0.20	15.10
	Police	8.30	7.80	0.40	16.50
LT-5(65)	General	9.30	8.30	0.30	17.90
	Police	9.60	9.00	0.50	19.10
L-7	General	10.50	9.20	0.30	20.00
	Police	10.20	9.50	0.60	20.30
LT-8(65)	General	10.90	9.50	0.30	20.70
	Police	10.90	10.10	0.60	21.60
L-12	General	12.30	10.60	0.40	23.30
	Police	11.90	10.90	0.70	23.50
LT-14(65)	General	12.50	10.80	0.40	23.70
	Police	12.20	11.20	0.70	24.10
L-6	General	14.10	12.00	0.50	26.60
	Police	13.60	12.30	0.80	26.70

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.30%	6.70%	0.20%	14.20%
	Police	7.00	6.80	0.40	14.20
L-3	General	9.10	8.10	0.30	17.50
	Police	8.80	8.30	0.50	17.60
LT-4(65)	General	8.00	7.30	0.20	15.50
	Police	8.60	8.10	0.40	17.10
LT-5(65)	General	9.70	8.60	0.30	18.60
	Police	10.00	9.30	0.50	19.80
L-7	General	10.90	9.50	0.30	20.70
	Police	10.50	9.80	0.60	20.90
LT-8(65)	General	11.30	9.90	0.30	21.50
	Police	11.30	10.40	0.60	22.30
L-12	General	12.70	11.00	0.40	24.10
	Police	12.30	11.30	0.70	24.30
LT-14(65)	General	12.90	11.10	0.40	24.40
	Police	12.70	11.60	0.70	25.00
L-6	General	14.50	12.40	0.50	27.40
	Police	14.00	12.80	0.80	27.60

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.50%	3.50%	0.20%	11.20%
	Police	6.70	3.40	0.40	10.50
L-3	General	9.40	4.90	0.30	14.60
	Police	8.50	4.90	0.50	13.90
LT-4(65)	General	9.10	4.70	0.20	14.00
	Police	8.80	5.00	0.40	14.20
LT-5(65)	General	10.60	5.80	0.30	16.70
	Police	10.00	6.10	0.50	16.60
L-7	General	11.30	6.40	0.30	18.00
	Police	10.30	6.40	0.60	17.30
LT-8(65)	General	12.10	6.90	0.30	19.30
	Police	11.30	7.20	0.60	19.10
L-12	General	13.30	7.80	0.40	21.50
	Police	12.00	8.00	0.70	20.70
LT-14(65)	General	13.70	8.10	0.40	22.20
	Police	12.50	8.40	0.70	21.60
L-6	General	15.20	9.30	0.50	25.00
	Police	13.80	9.30	0.80	23.90

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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.70%	3.70%	0.20%	11.60%
	Police	7.00	3.60	0.40	11.00
L-3	General	9.70	5.20	0.30	15.20
	Police	8.80	5.20	0.50	14.50
LT-4(65)	General	9.40	4.90	0.20	14.50
	Police	9.10	5.30	0.40	14.80
LT-5(65)	General	11.00	6.10	0.30	17.40
	Police	10.40	6.40	0.50	17.30
L-7	General	11.70	6.70	0.30	18.70
	Police	10.60	6.80	0.60	18.00
LT-8(65)	General	12.60	7.30	0.30	20.20
	Police	11.70	7.50	0.60	19.80
L-12	General	13.70	8.20	0.40	22.30
	Police	12.50	8.30	0.70	21.50
LT-14(65)	General	14.20	8.40	0.40	23.00
	Police	13.00	8.70	0.70	22.40
L-6	General	15.70	9.80	0.50	26.00
	Police	14.30	9.80	0.80	24.90

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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	7.70%	6.90%	0.20%	14.80%
	Police	7.10	6.90	0.40	14.40
L-3	General	9.70	8.40	0.30	18.40
	Police	8.90	8.40	0.50	17.80
LT-4(65)	General	9.30	8.10	0.20	17.60
	Police	9.20	8.50	0.40	18.10
LT-5(65)	General	10.90	9.30	0.30	20.50
	Police	10.40	9.60	0.50	20.50
L-7	General	11.60	9.90	0.30	21.80
	Police	10.70	9.90	0.60	21.20
LT-8(65)	General	12.40	10.50	0.30	23.20
	Police	11.70	10.70	0.60	23.00
L-12	General	13.50	11.40	0.40	25.30
	Police	12.50	11.40	0.70	24.60
LT-14(65)	General	13.90	11.70	0.40	26.00
	Police	13.00	11.80	0.70	25.50
L-6	General	15.50	12.90	0.50	28.90
	Police	14.20	12.80	0.80	27.80

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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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	8.00%	7.10%	0.20%	15.30%
	Police	7.40	7.10	0.40	14.90
L-3	General	10.00	8.70	0.30	19.00
	Police	9.20	8.70	0.50	18.40
LT-4(65)	General	9.60	8.30	0.20	18.10
	Police	9.50	8.80	0.40	18.70
LT-5(65)	General	11.20	9.60	0.30	21.10
	Police	10.80	9.90	0.50	21.20
L-7	General	12.00	10.30	0.30	22.60
	Police	11.10	10.20	0.60	21.90
LT-8(65)	General	12.80	10.90	0.30	24.00
	Police	12.10	11.00	0.60	23.70
L-12	General	14.00	11.80	0.40	26.20
	Police	12.90	11.80	0.70	25.40
LT-14(65)	General	14.40	12.10	0.40	26.90
	Police	13.40	12.20	0.70	26.30
L-6	General	16.00	13.40	0.50	29.90
	Police	14.70	13.30	0.80	28.80

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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. 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.

City of Florissant

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:

5 Year FAS		
Benefit Program	General	Police
L-1	\$ 783,115	\$ 664,135
L-3	1,036,243	885,513
LT-4(65)	901,769	845,263
LT-5(65)	1,115,346	1,019,682
L-7	1,281,461	1,100,183
LT-8(65)	1,336,833	1,187,393
L-12	1,534,589	1,314,853
LT-14(65)	1,566,230	1,355,103
L-6	1,795,628	1,529,523

3 Year FAS		
Benefit Program	General	Police
L-1	\$ 822,666	\$ 690,969
L-3	1,083,705	919,055
LT-4(65)	933,410	885,513
LT-5(65)	1,162,807	1,066,641
L-7	1,328,923	1,140,434
LT-8(65)	1,392,205	1,234,352
L-12	1,597,871	1,368,520
LT-14(65)	1,621,602	1,415,479
L-6	1,858,910	1,589,899

Non-Contributory Plan

5 Year FAS		
Benefit Program	General	Police
L-1	\$ 1,083,705	\$ 925,764
L-3	1,344,743	1,147,142
LT-4(65)	1,194,448	1,106,891
LT-5(65)	1,415,935	1,281,311
L-7	1,582,051	1,361,812
LT-8(65)	1,637,423	1,449,022
L-12	1,843,089	1,576,482
LT-14(65)	1,874,730	1,616,732
L-6	2,104,128	1,791,152

3 Year FAS		
Benefit Program	General	Police
L-1	\$ 1,123,256	\$ 952,597
L-3	1,384,294	1,180,684
LT-4(65)	1,226,089	1,147,142
LT-5(65)	1,471,307	1,328,270
L-7	1,637,423	1,402,062
LT-8(65)	1,700,705	1,495,981
L-12	1,906,371	1,630,149
LT-14(65)	1,930,102	1,677,108
L-6	2,167,410	1,851,527

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.

City of Florissant

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:

5 Year FAS		
Benefit Program	General	Police
L-1	\$ 885,948	\$ 704,385
L-3	1,154,897	932,472
LT-4(65)	1,107,436	952,597
LT-5(65)	1,321,012	1,113,600
L-7	1,423,846	1,160,559
LT-8(65)	1,526,679	1,281,311
L-12	1,700,705	1,388,646
LT-14(65)	1,756,076	1,449,022
L-6	1,977,564	1,603,315

3 Year FAS		
Benefit Program	General	Police
L-1	\$ 917,589	\$ 737,928
L-3	1,202,359	972,723
LT-4(65)	1,146,987	992,848
LT-5(65)	1,376,384	1,160,559
L-7	1,479,217	1,207,518
LT-8(65)	1,597,871	1,328,270
L-12	1,763,987	1,442,313
LT-14(65)	1,819,358	1,502,689
L-6	2,056,666	1,670,400

Non-Contributory Plan

5 Year FAS		
Benefit Program	General	Police
L-1	\$ 1,170,718	\$ 966,014
L-3	1,455,487	1,194,101
LT-4(65)	1,392,205	1,214,226
LT-5(65)	1,621,602	1,375,229
L-7	1,724,435	1,422,188
LT-8(65)	1,835,179	1,542,940
L-12	2,001,294	1,650,275
LT-14(65)	2,056,666	1,710,650
L-6	2,286,063	1,864,944

3 Year FAS		
Benefit Program	General	Police
L-1	\$ 1,210,269	\$ 999,557
L-3	1,502,948	1,234,352
LT-4(65)	1,431,756	1,254,477
LT-5(65)	1,669,064	1,422,188
L-7	1,787,717	1,469,147
LT-8(65)	1,898,461	1,589,899
L-12	2,072,487	1,703,942
LT-14(65)	2,127,858	1,764,318
L-6	2,365,166	1,932,029

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.

City of Florissant

Employees and Payroll Included in the Valuation

	General	Police
Number of Employees	164	90
Annual Payroll	\$ 7,910,254	\$ 6,708,433

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:

City of Florissant

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	\$ 9,373,069	\$ 9,705,489	\$ 9,793,689	\$ 10,124,913
	Police	7,526,673	7,812,416	8,006,506	8,290,427
L-3	General	11,824,193	12,239,228	12,242,067	12,656,180
	Police	9,528,349	9,882,060	10,008,161	10,362,962
LT-4(65)	General	10,404,190	10,772,711	10,816,756	11,183,614
	Police	9,363,474	9,715,128	9,834,275	10,183,931
LT-5(65)	General	12,597,542	13,039,644	13,009,382	13,450,322
	Police	10,905,951	11,309,166	11,379,028	11,783,031
L-7	General	14,272,916	14,770,529	14,690,334	15,187,538
	Police	11,518,268	11,939,729	12,009,760	12,435,475
LT-8(65)	General	14,788,430	15,304,118	15,202,045	15,716,900
	Police	12,436,646	12,891,085	12,923,571	13,382,175
L-12	General	16,719,902	17,299,915	17,139,011	17,718,731
	Police	13,500,773	13,990,790	14,011,423	14,508,138
LT-14(65)	General	16,977,715	17,566,754	17,394,821	17,983,377
	Police	13,959,954	14,466,491	14,468,289	14,981,481
L-6	General	19,163,761	19,825,492	19,585,670	20,248,261
	Police	15,480,308	16,039,522	16,012,985	16,580,743

City of Florissant

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	\$ 10,405,062	\$ 10,778,165	\$ 10,778,052	\$ 11,150,354
	Police	7,936,458	8,239,188	8,407,369	8,709,269
L-3	General	13,102,785	13,569,064	13,472,590	13,937,896
	Police	10,034,077	10,409,203	10,509,135	10,886,427
LT-4(65)	General	12,629,140	13,082,179	12,991,094	13,442,833
	Police	10,381,299	10,772,950	10,842,025	11,232,497
LT-5(65)	General	14,770,993	15,297,095	15,132,321	15,657,385
	Police	11,867,744	12,309,529	12,335,093	12,778,839
L-7	General	15,798,601	16,357,266	16,167,151	16,725,674
	Police	12,120,410	12,567,562	12,611,123	13,064,050
LT-8(65)	General	16,910,659	17,509,297	17,273,713	17,871,916
	Police	13,342,806	13,834,466	13,828,576	14,325,556
L-12	General	18,492,578	19,144,060	18,861,822	19,513,164
	Police	14,199,744	14,720,024	14,713,038	15,241,192
LT-14(65)	General	19,048,707	19,720,043	19,415,041	20,086,243
	Police	14,810,916	15,353,483	15,321,630	15,871,920
L-6	General	21,184,778	21,928,721	21,555,770	22,300,221
	Police	16,276,092	16,870,143	16,814,961	17,418,468

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				Police		Fire	
		Men		Women		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

Sample Ages	Percent Increase in Individual's Pay 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, 2019

(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, public safety 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	\$ 930	\$1,455	97%
2,000	700	1,076	1,776	89%
2,500	875	1,223	2,098	84%
3,000	1,050	1,370	2,420	81%
3,500	1,225	1,516	2,741	78%
4,000	1,400	1,662	3,062	77%
25 Years of Service:				
\$1,500	\$ 375	\$ 930	\$1,305	87%
2,000	500	1,076	1,576	79%
2,500	625	1,223	1,848	74%
3,000	750	1,370	2,120	71%
3,500	875	1,516	2,391	68%
4,000	1,000	1,662	2,662	67%
15 Years of Service:				
\$1,500	\$225	\$ 930	\$1,155	77%
2,000	300	1,076	1,376	69%
2,500	375	1,223	1,598	64%
3,000	450	1,370	1,820	61%
3,500	525	1,516	2,041	58%
4,000	600	1,662	2,262	57%

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 2019 - 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	\$ 930	\$1,586	106%
2,000	875	1,076	1,951	98%
2,500	1,094	1,223	2,317	93%
3,000	1,313	1,370	2,683	89%
3,500	1,531	1,516	3,047	87%
4,000	1,750	1,662	3,412	85%
25 Years of Service:				
\$1,500	\$ 469	\$ 930	\$1,399	93%
2,000	625	1,076	1,701	85%
2,500	781	1,223	2,004	80%
3,000	938	1,370	2,308	77%
3,500	1,094	1,516	2,610	75%
4,000	1,250	1,662	2,912	73%
15 Years of Service:				
\$1,500	\$281	\$ 930	\$1,211	81%
2,000	375	1,076	1,451	73%
2,500	469	1,223	1,692	68%
3,000	563	1,370	1,933	64%
3,500	656	1,516	2,172	62%
4,000	750	1,662	2,412	60%

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 2019 - 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	\$ 930	\$1,718	115%
2,000	1,050	1,076	2,126	106%
2,500	1,313	1,223	2,536	101%
3,000	1,575	1,370	2,945	98%
3,500	1,838	1,516	3,354	96%
4,000	2,100	1,662	3,762	94%
25 Years of Service:				
\$1,500	\$ 563	\$ 930	\$1,493	100%
2,000	750	1,076	1,826	91%
2,500	938	1,223	2,161	86%
3,000	1,125	1,370	2,495	83%
3,500	1,313	1,516	2,829	81%
4,000	1,500	1,662	3,162	79%
15 Years of Service:				
\$1,500	\$338	\$ 930	\$1,268	85%
2,000	450	1,076	1,526	76%
2,500	563	1,223	1,786	71%
3,000	675	1,370	2,045	68%
3,500	788	1,516	2,304	66%
4,000	900	1,662	2,562	64%

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 2019 - 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	\$ 930	\$1,849	123%
2,000	1,225	1,076	2,301	115%
2,500	1,531	1,223	2,754	110%
3,000	1,838	1,370	3,208	107%
3,500	2,144	1,516	3,660	105%
4,000	2,450	1,662	4,112	103%
25 Years of Service:				
\$1,500	\$ 656	\$ 930	\$1,586	106%
2,000	875	1,076	1,951	98%
2,500	1,094	1,223	2,317	93%
3,000	1,313	1,370	2,683	89%
3,500	1,531	1,516	3,047	87%
4,000	1,750	1,662	3,412	85%
15 Years of Service:				
\$1,500	\$ 394	\$ 930	\$1,324	88%
2,000	525	1,076	1,601	80%
2,500	656	1,223	1,879	75%
3,000	788	1,370	2,158	72%
3,500	919	1,516	2,435	70%
4,000	1,050	1,662	2,712	68%

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 2019 - 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	\$ 930	\$1,980	132%
2,000	1,400	1,076	2,476	124%
2,500	1,750	1,223	2,973	119%
3,000	2,100	1,370	3,470	116%
3,500	2,450	1,516	3,966	113%
4,000	2,800	1,662	4,462	112%
25 Years of Service:				
\$1,500	\$ 750	\$ 930	\$1,680	112%
2,000	1,000	1,076	2,076	104%
2,500	1,250	1,223	2,473	99%
3,000	1,500	1,370	2,870	96%
3,500	1,750	1,516	3,266	93%
4,000	2,000	1,662	3,662	92%
15 Years of Service:				
\$1,500	\$ 450	\$ 930	\$1,380	92%
2,000	600	1,076	1,676	84%
2,500	750	1,223	1,973	79%
3,000	900	1,370	2,270	76%
3,500	1,050	1,516	2,566	73%
4,000	1,200	1,662	2,862	72%

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 2019 - 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 FAS ¹ to age 65)
1.00% of FAS ¹ 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	\$ 930	\$1,050	\$1,455	70%	97%
2,000	1,400	700	1,076	1,400	1,776	70%	89%
2,500	1,750	875	1,223	1,750	2,098	70%	84%
3,000	2,100	1,050	1,370	2,100	2,420	70%	81%
3,500	2,450	1,225	1,516	2,450	2,741	70%	78%
4,000	2,800	1,400	1,662	2,800	3,062	70%	77%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 930	\$ 750	\$1,305	50%	87%
2,000	1,000	500	1,076	1,000	1,576	50%	79%
2,500	1,250	625	1,223	1,250	1,848	50%	74%
3,000	1,500	750	1,370	1,500	2,120	50%	71%
3,500	1,750	875	1,516	1,750	2,391	50%	68%
4,000	2,000	1,000	1,662	2,000	2,662	50%	67%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 930	\$ 450	\$1,155	30%	77%
2,000	600	300	1,076	600	1,376	30%	69%
2,500	750	375	1,223	750	1,598	30%	64%
3,000	900	450	1,370	900	1,820	30%	61%
3,500	1,050	525	1,516	1,050	2,041	30%	58%
4,000	1,200	600	1,662	1,200	2,262	30%	57%

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 2019 - 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 FAS ¹ to age 65)
1.25% of FAS ¹ 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	\$ 930	\$1,050	\$1,586	70%	106%
2,000	1,400	875	1,076	1,400	1,951	70%	98%
2,500	1,750	1,094	1,223	1,750	2,317	70%	93%
3,000	2,100	1,313	1,370	2,100	2,683	70%	89%
3,500	2,450	1,531	1,516	2,450	3,047	70%	87%
4,000	2,800	1,750	1,662	2,800	3,412	70%	85%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 930	\$ 750	\$1,399	50%	93%
2,000	1,000	625	1,076	1,000	1,701	50%	85%
2,500	1,250	781	1,223	1,250	2,004	50%	80%
3,000	1,500	938	1,370	1,500	2,308	50%	77%
3,500	1,750	1,094	1,516	1,750	2,610	50%	75%
4,000	2,000	1,250	1,662	2,000	2,912	50%	73%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 930	\$ 450	\$1,211	30%	81%
2,000	600	375	1,076	600	1,451	30%	73%
2,500	750	469	1,223	750	1,692	30%	68%
3,000	900	563	1,370	900	1,933	30%	64%
3,500	1,050	656	1,516	1,050	2,172	30%	62%
4,000	1,200	750	1,662	1,200	2,412	30%	60%

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 2019 - 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 FAS ¹ to age 65)
1.50% of FAS ¹ 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	\$ 930	\$1,050	\$1,718	70%	115%
2,000	1,400	1,050	1,076	1,400	2,126	70%	106%
2,500	1,750	1,313	1,223	1,750	2,536	70%	101%
3,000	2,100	1,575	1,370	2,100	2,945	70%	98%
3,500	2,450	1,838	1,516	2,450	3,354	70%	96%
4,000	2,800	2,100	1,662	2,800	3,762	70%	94%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 930	\$ 750	\$1,493	50%	100%
2,000	1,000	750	1,076	1,000	1,826	50%	91%
2,500	1,250	938	1,223	1,250	2,161	50%	86%
3,000	1,500	1,125	1,370	1,500	2,495	50%	83%
3,500	1,750	1,313	1,516	1,750	2,829	50%	81%
4,000	2,000	1,500	1,662	2,000	3,162	50%	79%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 930	\$ 450	\$1,268	30%	85%
2,000	600	450	1,076	600	1,526	30%	76%
2,500	750	563	1,223	750	1,786	30%	71%
3,000	900	675	1,370	900	2,045	30%	68%
3,500	1,050	788	1,516	1,050	2,304	30%	66%
4,000	1,200	900	1,662	1,200	2,562	30%	64%

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 2019 - 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 FAS ¹ to age 65)
1.75% of FAS ¹ 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	\$ 930	\$1,050	\$1,849	70%	123%
2,000	1,400	1,225	1,076	1,400	2,301	70%	115%
2,500	1,750	1,531	1,223	1,750	2,754	70%	110%
3,000	2,100	1,838	1,370	2,100	3,208	70%	107%
3,500	2,450	2,144	1,516	2,450	3,660	70%	105%
4,000	2,800	2,450	1,662	2,800	4,112	70%	103%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 930	\$ 750	\$1,586	50%	106%
2,000	1,000	875	1,076	1,000	1,951	50%	98%
2,500	1,250	1,094	1,223	1,250	2,317	50%	93%
3,000	1,500	1,313	1,370	1,500	2,683	50%	89%
3,500	1,750	1,531	1,516	1,750	3,047	50%	87%
4,000	2,000	1,750	1,662	2,000	3,412	50%	85%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 930	\$ 450	\$1,324	30%	88%
2,000	600	525	1,076	600	1,601	30%	80%
2,500	750	656	1,223	750	1,879	30%	75%
3,000	900	788	1,370	900	2,158	30%	72%
3,500	1,050	919	1,516	1,050	2,435	30%	70%
4,000	1,200	1,050	1,662	1,200	2,712	30%	68%

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 2019 - 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

City of Florissant - General

June 30, 2020

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	1							1	\$ 28,891
20-24	2							2	\$ 76,170
25-29	14							14	\$ 505,929
30-34	11	4	2					17	\$ 765,673
35-39	6	4	3					13	\$ 603,746
40-44	5	5	4	1	5			20	\$ 1,063,309
45-49	6	3	1	2	6			18	\$ 947,212
50-54	9	3	3	3	2	1		21	\$ 957,052
55-59	3	3	5	3	2		6	22	\$ 1,174,697
60-64	3	5	5	2	2	1	3	21	\$ 1,011,748
65-69		2	1	2	2	2		9	\$ 484,816
70 & Over	1	1	1		2		1	6	\$ 291,011
Totals	61	30	25	13	21	4	10	164	\$ 7,910,254

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

Age: 47.8 years.

Benefit Service: 11.0 years.

Annual Pay: \$ 48,233.

City of Florissant - Police

June 30, 2020

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	1							1	\$ 56,014
25-29	13							13	\$ 798,554
30-34	14	8	1					23	\$ 1,509,506
35-39	2	7	4	4				17	\$ 1,309,391
40-44		1	4	6	1			12	\$ 1,016,777
45-49	1	2	3	3	2			11	\$ 873,663
50-54				2	1			3	\$ 270,594
55-59	1			1	1	1	2	6	\$ 536,551
60-64	1					1	1	3	\$ 235,621
65-69							1	1	\$ 101,762
70 & Over									
Totals	33	18	12	16	5	2	4	90	\$ 6,708,433

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: 10.6 years.

Annual Pay: \$ 74,538.

APPENDIX VI

RISK COMMENTARY

Risk Commentary

The determination of the accrued liability and the actuarially determined contribution (i.e., total employer contribution rate) requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability and the actuarially determined contribution that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

1. **Investment Risk** – actual investment returns may differ from the expected returns;
2. **Asset/Liability Mismatch Risk** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
3. **Contribution Risk** – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
4. **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability, contributions and contribution rates differing from expected;
5. **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
6. **Other Demographic Risks** – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

The computed contribution rates shown on pages 4 thru 11 may be considered as a minimum contribution rate for the selected benefit provisions that complies with the Board's funding policy. The timely receipt of the actuarially determined contributions is critical to support the financial health of the plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.

Risk Commentary (Concluded)

PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures are described below.

RATIO OF MARKET VALUE OF ASSETS TO PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

The ratio of liability to payroll may also be used as a measure of sensitivity of the liability itself. For example, if the actuarial accrued liability is 2.5 times the payroll, a change in liability 2% other than assumed would equal 5% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in liability (and also plan sponsor contributions) as a percentage of payroll.

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

DURATION OF ACTUARIAL ACCRUED LIABILITY

The duration of the actuarial accrued liability may be used to approximate the sensitivity to a 1% change in the assumed rate of return. For example, duration of 10 indicates that the liability would increase approximately 10% if the assumed rate of return were lowered 1%.

ADDITIONAL RISK ASSESSMENT

Additional risk assessment is outside the scope of the annual actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.



August 3, 2020 E-mail

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

Dear Bob:

Enclosed is the report of the June 30, 2020 Initial Actuarial Valuation of LAGERS benefits for the employees of

City of Florissant

Sincerely,

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

Mita D. Drazilov, ASA, FCA, MAAA

MDD:wp

August 3, 2020

City of Florissant
Florissant, Missouri

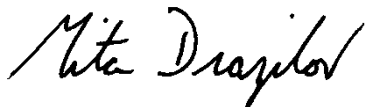
Ladies and Gentlemen:

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 June 30, 2020 Initial Valuation for the City of Florissant dated August 3, 2020.

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, 2019.

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 opinions herein.

Respectfully submitted,



Mita D. Drazilov, ASA, FCA, MAAA

City of Florissant - 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
2020	\$ 7,910,254	9.9%	\$783,115	\$ 9,373,069	13.1%	\$1,036,243	\$ 11,824,193	11.4%	\$901,769	\$ 10,404,190
2021	8,167,337	9.9	808,566	9,501,479	13.1	1,069,921	11,986,183	11.4	931,076	10,546,726
2022	8,432,775	9.9	834,845	9,621,287	13.1	1,104,694	12,137,321	11.4	961,336	10,679,714
2023	8,706,840	9.9	861,977	9,731,287	13.1	1,140,596	12,276,086	11.4	992,580	10,801,814
2024	8,989,812	9.9	889,991	9,830,166	13.1	1,177,665	12,400,822	11.4	1,024,839	10,911,570
2025	9,281,981	9.9	918,916	9,916,498	13.1	1,215,940	12,509,730	11.4	1,058,146	11,007,399
2026	9,583,645	9.9	948,781	9,988,733	13.1	1,255,457	12,600,855	11.4	1,092,536	11,087,581
2027	9,895,113	9.9	979,616	10,045,186	13.1	1,296,260	12,672,071	11.4	1,128,043	11,150,244
2028	10,216,704	9.9	1,011,454	10,084,031	13.1	1,338,388	12,721,074	11.4	1,164,704	11,193,362
2029	10,548,747	9.9	1,044,326	10,103,286	13.1	1,381,886	12,745,365	11.4	1,202,557	11,214,735

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
2020	\$ 7,910,254	14.1%	\$1,115,346	\$ 12,597,542	16.2%	\$1,281,461	\$ 14,272,916	16.9%	\$1,336,833	\$ 14,788,430
2021	8,167,337	14.1	1,151,595	12,770,126	16.2	1,323,109	14,468,453	16.9	1,380,280	14,991,029
2022	8,432,775	14.1	1,189,021	12,931,149	16.2	1,366,110	14,650,891	16.9	1,425,139	15,180,056
2023	8,706,840	14.1	1,227,664	13,078,990	16.2	1,410,508	14,818,394	16.9	1,471,456	15,353,609
2024	8,989,812	14.1	1,267,563	13,211,884	16.2	1,456,350	14,968,962	16.9	1,519,278	15,509,616
2025	9,281,981	14.1	1,308,759	13,327,915	16.2	1,503,681	15,100,425	16.9	1,568,655	15,645,827
2026	9,583,645	14.1	1,351,294	13,425,000	16.2	1,552,550	15,210,422	16.9	1,619,636	15,759,797
2027	9,895,113	14.1	1,395,211	13,500,874	16.2	1,603,008	15,296,386	16.9	1,672,274	15,848,866
2028	10,216,704	14.1	1,440,555	13,553,082	16.2	1,655,106	15,355,538	16.9	1,726,623	15,910,154
2029	10,548,747	14.1	1,487,373	13,578,961	16.2	1,708,897	15,384,859	16.9	1,782,738	15,940,534

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
2020	\$ 7,910,254	19.4%	\$1,534,589	\$ 16,719,902	19.8%	\$1,566,230	\$ 16,977,715	22.7%	\$1,795,628	\$ 19,163,761
2021	8,167,337	19.4	1,584,463	16,948,962	19.8	1,617,133	17,210,307	22.7	1,853,985	19,426,302
2022	8,432,775	19.4	1,635,958	17,162,678	19.8	1,669,689	17,427,318	22.7	1,914,240	19,671,255
2023	8,706,840	19.4	1,689,127	17,358,898	19.8	1,723,954	17,626,563	22.7	1,976,453	19,896,155
2024	8,989,812	19.4	1,744,024	17,535,280	19.8	1,779,983	17,805,665	22.7	2,040,687	20,098,318
2025	9,281,981	19.4	1,800,704	17,689,281	19.8	1,837,832	17,962,041	22.7	2,107,010	20,274,828
2026	9,583,645	19.4	1,859,227	17,818,136	19.8	1,897,562	18,092,883	22.7	2,175,487	20,422,517
2027	9,895,113	19.4	1,919,652	17,918,838	19.8	1,959,232	18,195,138	22.7	2,246,191	20,537,938
2028	10,216,704	19.4	1,982,041	17,988,131	19.8	2,022,907	18,265,499	22.7	2,319,192	20,617,359
2029	10,548,747	19.4	2,046,457	18,022,479	19.8	2,088,652	18,300,377	22.7	2,394,566	20,656,727

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.

City of Florissant - 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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 7,910,254	10.4%	\$822,666	\$ 9,705,489	13.7%	\$1,083,705	\$ 12,239,228	11.8%	\$933,410	\$ 10,772,711
2021	8,167,337	10.4	849,403	9,838,453	13.7	1,118,925	12,406,904	11.8	963,746	10,920,296
2022	8,432,775	10.4	877,009	9,962,510	13.7	1,155,290	12,563,347	11.8	995,067	11,057,994
2023	8,706,840	10.4	905,511	10,076,411	13.7	1,192,837	12,706,983	11.8	1,027,407	11,184,419
2024	8,989,812	10.4	934,940	10,178,797	13.7	1,231,604	12,836,098	11.8	1,060,798	11,298,063
2025	9,281,981	10.4	965,326	10,268,191	13.7	1,271,631	12,948,829	11.8	1,095,274	11,397,287
2026	9,583,645	10.4	996,699	10,342,988	13.7	1,312,959	13,043,153	11.8	1,130,870	11,480,309
2027	9,895,113	10.4	1,029,092	10,401,443	13.7	1,355,630	13,116,869	11.8	1,167,623	11,545,192
2028	10,216,704	10.4	1,062,537	10,441,666	13.7	1,399,688	13,167,592	11.8	1,205,571	11,589,838
2029	10,548,747	10.4	1,097,070	10,461,604	13.7	1,445,178	13,192,735	11.8	1,244,752	11,611,969

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	14.7%	\$1,162,807	\$ 13,039,644	16.8%	\$1,328,923	\$ 14,770,529	17.6%	\$1,392,205	\$ 15,304,118
2021	8,167,337	14.7	1,200,599	13,218,285	16.8	1,372,113	14,972,883	17.6	1,437,451	15,513,782
2022	8,432,775	14.7	1,239,618	13,384,959	16.8	1,416,706	15,161,682	17.6	1,484,168	15,709,401
2023	8,706,840	14.7	1,279,905	13,537,988	16.8	1,462,749	15,335,025	17.6	1,532,404	15,889,006
2024	8,989,812	14.7	1,321,502	13,675,546	16.8	1,510,288	15,490,843	17.6	1,582,207	16,050,453
2025	9,281,981	14.7	1,364,451	13,795,649	16.8	1,559,373	15,626,889	17.6	1,633,629	16,191,414
2026	9,583,645	14.7	1,408,796	13,896,141	16.8	1,610,052	15,740,721	17.6	1,686,722	16,309,358
2027	9,895,113	14.7	1,454,582	13,974,677	16.8	1,662,379	15,829,682	17.6	1,741,540	16,401,533
2028	10,216,704	14.7	1,501,855	14,028,718	16.8	1,716,406	15,890,896	17.6	1,798,140	16,464,958
2029	10,548,747	14.7	1,550,666	14,055,505	16.8	1,772,189	15,921,239	17.6	1,856,579	16,496,397

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	20.2%	\$1,597,871	\$ 17,299,915	20.5%	\$1,621,602	\$ 17,566,754	23.5%	\$1,858,910	\$ 19,825,492
2021	8,167,337	20.2	1,649,802	17,536,921	20.5	1,674,304	17,807,416	23.5	1,919,324	20,097,098
2022	8,432,775	20.2	1,703,421	17,758,050	20.5	1,728,719	18,031,956	23.5	1,981,702	20,350,510
2023	8,706,840	20.2	1,758,782	17,961,077	20.5	1,784,902	18,238,114	23.5	2,046,107	20,583,176
2024	8,989,812	20.2	1,815,942	18,143,578	20.5	1,842,911	18,423,430	23.5	2,112,606	20,792,320
2025	9,281,981	20.2	1,874,960	18,302,921	20.5	1,902,806	18,585,231	23.5	2,181,266	20,974,925
2026	9,583,645	20.2	1,935,896	18,436,246	20.5	1,964,647	18,720,612	23.5	2,252,157	21,127,714
2027	9,895,113	20.2	1,998,813	18,540,442	20.5	2,028,498	18,826,415	23.5	2,325,352	21,247,121
2028	10,216,704	20.2	2,063,774	18,612,139	20.5	2,094,424	18,899,218	23.5	2,400,925	21,329,285
2029	10,548,747	20.2	2,130,847	18,647,678	20.5	2,162,493	18,935,306	23.5	2,478,956	21,370,013

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.

City of Florissant - 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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 7,910,254	13.7%	\$1,083,705	\$ 9,793,689	17.0%	\$1,344,743	\$ 12,242,067	15.1%	\$1,194,448	\$ 10,816,756
2021	8,167,337	13.7	1,118,925	9,927,861	17.0	1,388,447	12,409,781	15.1	1,233,268	10,964,944
2022	8,432,775	13.7	1,155,290	10,053,045	17.0	1,433,572	12,566,260	15.1	1,273,349	11,103,205
2023	8,706,840	13.7	1,192,837	10,167,981	17.0	1,480,163	12,709,929	15.1	1,314,733	11,230,147
2024	8,989,812	13.7	1,231,604	10,271,297	17.0	1,528,268	12,839,073	15.1	1,357,462	11,344,256
2025	9,281,981	13.7	1,271,631	10,361,503	17.0	1,577,937	12,951,830	15.1	1,401,579	11,443,885
2026	9,583,645	13.7	1,312,959	10,436,980	17.0	1,629,220	13,046,176	15.1	1,447,130	11,527,246
2027	9,895,113	13.7	1,355,630	10,495,966	17.0	1,682,169	13,119,909	15.1	1,494,162	11,592,394
2028	10,216,704	13.7	1,399,688	10,536,554	17.0	1,736,840	13,170,644	15.1	1,542,722	11,637,222
2029	10,548,747	13.7	1,445,178	10,556,673	17.0	1,793,287	13,195,793	15.1	1,592,861	11,659,443

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	17.9%	\$1,415,935	\$ 13,009,382	20.0%	\$1,582,051	\$ 14,690,334	20.7%	\$1,637,423	\$ 15,202,045
2021	8,167,337	17.9	1,461,953	13,187,609	20.0	1,633,467	14,891,589	20.7	1,690,639	15,410,311
2022	8,432,775	17.9	1,509,467	13,353,896	20.0	1,686,555	15,079,363	20.7	1,745,584	15,604,625
2023	8,706,840	17.9	1,558,524	13,506,570	20.0	1,741,368	15,251,764	20.7	1,802,316	15,783,032
2024	8,989,812	17.9	1,609,176	13,643,809	20.0	1,797,962	15,406,736	20.7	1,860,891	15,943,402
2025	9,281,981	17.9	1,661,475	13,763,634	20.0	1,856,396	15,542,043	20.7	1,921,370	16,083,423
2026	9,583,645	17.9	1,715,472	13,863,893	20.0	1,916,729	15,655,257	20.7	1,983,815	16,200,580
2027	9,895,113	17.9	1,771,225	13,942,247	20.0	1,979,023	15,743,735	20.7	2,048,288	16,292,140
2028	10,216,704	17.9	1,828,790	13,996,162	20.0	2,043,341	15,804,617	20.7	2,114,858	16,355,142
2029	10,548,747	17.9	1,888,226	14,022,887	20.0	2,109,749	15,834,796	20.7	2,183,591	16,386,372

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	23.3%	\$1,843,089	\$ 17,139,011	23.7%	\$1,874,730	\$ 17,394,821	26.6%	\$2,104,128	\$ 19,585,670
2021	8,167,337	23.3	1,902,990	17,373,813	23.7	1,935,659	17,633,127	26.6	2,172,512	19,853,991
2022	8,432,775	23.3	1,964,837	17,592,886	23.7	1,998,568	17,855,470	26.6	2,243,118	20,104,337
2023	8,706,840	23.3	2,028,694	17,794,024	23.7	2,063,521	18,059,610	26.6	2,316,019	20,334,189
2024	8,989,812	23.3	2,094,626	17,974,828	23.7	2,130,585	18,243,112	26.6	2,391,290	20,540,803
2025	9,281,981	23.3	2,162,702	18,132,689	23.7	2,199,829	18,403,329	26.6	2,469,007	20,721,200
2026	9,583,645	23.3	2,232,989	18,264,774	23.7	2,271,324	18,537,385	26.6	2,549,250	20,872,140
2027	9,895,113	23.3	2,305,561	18,368,001	23.7	2,345,142	18,642,152	26.6	2,632,100	20,990,103
2028	10,216,704	23.3	2,380,492	18,439,031	23.7	2,421,359	18,714,242	26.6	2,717,643	21,071,273
2029	10,548,747	23.3	2,457,858	18,474,240	23.7	2,500,053	18,749,976	26.6	2,805,967	21,111,508

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.

City of Florissant - 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 Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 7,910,254	14.2%	\$1,123,256	\$ 10,124,913	17.5%	\$1,384,294	\$ 12,656,180	15.5%	\$1,226,089	\$ 11,183,614
2021	8,167,337	14.2	1,159,762	10,263,623	17.5	1,429,284	12,829,568	15.5	1,265,937	11,336,828
2022	8,432,775	14.2	1,197,454	10,393,041	17.5	1,475,736	12,991,341	15.5	1,307,080	11,479,778
2023	8,706,840	14.2	1,236,371	10,511,864	17.5	1,523,697	13,139,870	15.5	1,349,560	11,611,026
2024	8,989,812	14.2	1,276,553	10,618,674	17.5	1,573,217	13,273,383	15.5	1,393,421	11,729,005
2025	9,281,981	14.2	1,318,041	10,711,931	17.5	1,624,347	13,389,955	15.5	1,438,707	11,832,013
2026	9,583,645	14.2	1,360,878	10,789,960	17.5	1,677,138	13,487,492	15.5	1,485,465	11,918,201
2027	9,895,113	14.2	1,405,106	10,850,941	17.5	1,731,645	13,563,719	15.5	1,533,743	11,985,559
2028	10,216,704	14.2	1,450,772	10,892,902	17.5	1,787,923	13,616,170	15.5	1,583,589	12,031,908
2029	10,548,747	14.2	1,497,922	10,913,702	17.5	1,846,031	13,642,170	15.5	1,635,056	12,054,883

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 7,910,254	18.6%	\$1,471,307	\$ 13,450,322	20.7%	\$1,637,423	\$ 15,187,538	21.5%	\$1,700,705	\$ 15,716,900
2021	8,167,337	18.6	1,519,125	13,634,589	20.7	1,690,639	15,395,605	21.5	1,755,977	15,932,219
2022	8,432,775	18.6	1,568,496	13,806,513	20.7	1,745,584	15,589,734	21.5	1,813,047	16,133,114
2023	8,706,840	18.6	1,619,472	13,964,362	20.7	1,802,316	15,767,970	21.5	1,871,971	16,317,563
2024	8,989,812	18.6	1,672,105	14,106,253	20.7	1,860,891	15,928,187	21.5	1,932,810	16,483,364
2025	9,281,981	18.6	1,726,448	14,230,139	20.7	1,921,370	16,068,074	21.5	1,995,626	16,628,127
2026	9,583,645	18.6	1,782,558	14,333,796	20.7	1,983,815	16,185,119	21.5	2,060,484	16,749,252
2027	9,895,113	18.6	1,840,491	14,414,806	20.7	2,048,288	16,276,592	21.5	2,127,449	16,843,913
2028	10,216,704	18.6	1,900,307	14,470,549	20.7	2,114,858	16,339,534	21.5	2,196,591	16,909,049
2029	10,548,747	18.6	1,962,067	14,498,180	20.7	2,183,591	16,370,734	21.5	2,267,981	16,941,336

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 7,910,254	24.1%	\$1,906,371	\$ 17,718,731	24.4%	\$1,930,102	\$ 17,983,377	27.4%	\$2,167,410	\$ 20,248,261
2021	8,167,337	24.1	1,968,328	17,961,475	24.4	1,992,830	18,229,747	27.4	2,237,850	20,525,659
2022	8,432,775	24.1	2,032,299	18,187,958	24.4	2,057,597	18,459,613	27.4	2,310,580	20,784,475
2023	8,706,840	24.1	2,098,348	18,395,900	24.4	2,124,469	18,670,661	27.4	2,385,674	21,022,103
2024	8,989,812	24.1	2,166,545	18,582,819	24.4	2,193,514	18,860,372	27.4	2,463,208	21,235,707
2025	9,281,981	24.1	2,236,957	18,746,020	24.4	2,264,803	19,026,010	27.4	2,543,263	21,422,206
2026	9,583,645	24.1	2,309,658	18,882,572	24.4	2,338,409	19,164,602	27.4	2,625,919	21,578,253
2027	9,895,113	24.1	2,384,722	18,989,290	24.4	2,414,408	19,272,914	27.4	2,711,261	21,700,206
2028	10,216,704	24.1	2,462,226	19,062,722	24.4	2,492,876	19,347,443	27.4	2,799,377	21,784,122
2029	10,548,747	24.1	2,542,248	19,099,122	24.4	2,573,894	19,384,386	27.4	2,890,357	21,825,718

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.

City of Florissant - 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
2020	\$ 7,910,254	11.2%	\$885,948	\$ 10,405,062	14.6%	\$1,154,897	\$ 13,102,785	14.0%	\$1,107,436	\$ 12,629,140
2021	8,167,337	11.2	914,742	10,547,610	14.6	1,192,431	13,282,291	14.0	1,143,427	12,802,157
2022	8,432,775	11.2	944,471	10,680,609	14.6	1,231,185	13,449,772	14.0	1,180,589	12,963,584
2023	8,706,840	11.2	975,166	10,802,720	14.6	1,271,199	13,603,542	14.0	1,218,958	13,111,796
2024	8,989,812	11.2	1,006,859	10,912,485	14.6	1,312,513	13,741,766	14.0	1,258,574	13,245,024
2025	9,281,981	11.2	1,039,582	11,008,322	14.6	1,355,169	13,862,451	14.0	1,299,477	13,361,346
2026	9,583,645	11.2	1,073,368	11,088,510	14.6	1,399,212	13,963,430	14.0	1,341,710	13,458,675
2027	9,895,113	11.2	1,108,253	11,151,179	14.6	1,444,686	14,042,347	14.0	1,385,316	13,534,739
2028	10,216,704	11.2	1,144,271	11,194,301	14.6	1,491,639	14,096,649	14.0	1,430,339	13,587,078
2029	10,548,747	11.2	1,181,460	11,215,676	14.6	1,540,117	14,123,566	14.0	1,476,825	13,613,022

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
2020	\$ 7,910,254	16.7%	\$1,321,012	\$ 14,770,993	18.0%	\$1,423,846	\$ 15,798,601	19.3%	\$1,526,679	\$ 16,910,659
2021	8,167,337	16.7	1,363,945	14,973,353	18.0	1,470,121	16,015,039	19.3	1,576,296	17,142,332
2022	8,432,775	16.7	1,408,273	15,162,158	18.0	1,517,900	16,216,979	19.3	1,627,526	17,358,486
2023	8,706,840	16.7	1,454,042	15,335,506	18.0	1,567,231	16,402,387	19.3	1,680,420	17,556,944
2024	8,989,812	16.7	1,501,299	15,491,329	18.0	1,618,166	16,569,050	19.3	1,735,034	17,735,339
2025	9,281,981	16.7	1,550,091	15,627,379	18.0	1,670,757	16,714,565	19.3	1,791,422	17,891,097
2026	9,583,645	16.7	1,600,469	15,741,214	18.0	1,725,056	16,836,320	19.3	1,849,643	18,021,422
2027	9,895,113	16.7	1,652,484	15,830,178	18.0	1,781,120	16,931,473	19.3	1,909,757	18,123,273
2028	10,216,704	16.7	1,706,190	15,891,394	18.0	1,839,007	16,996,948	19.3	1,971,824	18,193,356
2029	10,548,747	16.7	1,761,641	15,921,738	18.0	1,898,774	17,029,403	19.3	2,035,908	18,228,096

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
2020	\$ 7,910,254	21.5%	\$1,700,705	\$ 18,492,578	22.2%	\$1,756,076	\$ 19,048,707	25.0%	\$1,977,564	\$ 21,184,778
2021	8,167,337	21.5	1,755,977	18,745,924	22.2	1,813,149	19,309,671	25.0	2,041,834	21,475,006
2022	8,432,775	21.5	1,813,047	18,982,298	22.2	1,872,076	19,553,154	25.0	2,108,194	21,745,792
2023	8,706,840	21.5	1,871,971	19,199,321	22.2	1,932,918	19,776,704	25.0	2,176,710	21,994,410
2024	8,989,812	21.5	1,932,810	19,394,404	22.2	1,995,738	19,977,653	25.0	2,247,453	22,217,893
2025	9,281,981	21.5	1,995,626	19,564,732	22.2	2,060,600	20,153,104	25.0	2,320,495	22,413,018
2026	9,583,645	21.5	2,060,484	19,707,248	22.2	2,127,569	20,299,906	25.0	2,395,911	22,576,282
2027	9,895,113	21.5	2,127,449	19,818,627	22.2	2,196,715	20,414,634	25.0	2,473,778	22,703,876
2028	10,216,704	21.5	2,196,591	19,895,266	22.2	2,268,108	20,493,578	25.0	2,554,176	22,791,673
2029	10,548,747	21.5	2,267,981	19,933,256	22.2	2,341,822	20,532,710	25.0	2,637,187	22,835,193

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.

City of Florissant - 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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 7,910,254	11.6%	\$917,589	\$ 10,778,165	15.2%	\$1,202,359	\$ 13,569,064	14.5%	\$1,146,987	\$ 13,082,179
2021	8,167,337	11.6	947,411	10,925,824	15.2	1,241,435	13,754,958	14.5	1,184,264	13,261,403
2022	8,432,775	11.6	978,202	11,063,592	15.2	1,281,782	13,928,399	14.5	1,222,752	13,428,621
2023	8,706,840	11.6	1,009,993	11,190,081	15.2	1,323,440	14,087,641	14.5	1,262,492	13,582,150
2024	8,989,812	11.6	1,042,818	11,303,782	15.2	1,366,451	14,230,784	14.5	1,303,523	13,720,157
2025	9,281,981	11.6	1,076,710	11,403,056	15.2	1,410,861	14,355,764	14.5	1,345,887	13,840,652
2026	9,583,645	11.6	1,111,703	11,486,120	15.2	1,456,714	14,460,336	14.5	1,389,629	13,941,472
2027	9,895,113	11.6	1,147,833	11,551,036	15.2	1,504,057	14,542,061	14.5	1,434,791	14,020,265
2028	10,216,704	11.6	1,185,138	11,595,704	15.2	1,552,939	14,598,296	14.5	1,481,422	14,074,482
2029	10,548,747	11.6	1,223,655	11,617,846	15.2	1,603,410	14,626,171	14.5	1,529,568	14,101,357

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	17.4%	\$1,376,384	\$ 15,297,095	18.7%	\$1,479,217	\$ 16,357,266	20.2%	\$1,597,871	\$ 17,509,297
2021	8,167,337	17.4	1,421,117	15,506,663	18.7	1,527,292	16,581,358	20.2	1,649,802	17,749,172
2022	8,432,775	17.4	1,467,303	15,702,192	18.7	1,576,929	16,790,438	20.2	1,703,421	17,972,978
2023	8,706,840	17.4	1,514,990	15,881,714	18.7	1,628,179	16,982,402	20.2	1,758,782	18,178,462
2024	8,989,812	17.4	1,564,227	16,043,087	18.7	1,681,095	17,154,959	20.2	1,815,942	18,363,172
2025	9,281,981	17.4	1,615,065	16,183,983	18.7	1,735,730	17,305,620	20.2	1,874,960	18,524,444
2026	9,583,645	17.4	1,667,554	16,301,873	18.7	1,792,142	17,431,680	20.2	1,935,896	18,659,382
2027	9,895,113	17.4	1,721,750	16,394,006	18.7	1,850,386	17,530,198	20.2	1,998,813	18,764,839
2028	10,216,704	17.4	1,777,706	16,457,402	18.7	1,910,524	17,597,988	20.2	2,063,774	18,837,403
2029	10,548,747	17.4	1,835,482	16,488,827	18.7	1,972,616	17,631,591	20.2	2,130,847	18,873,373

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	22.3%	\$1,763,987	\$ 19,144,060	23.0%	\$1,819,358	\$ 19,720,043	26.0%	\$2,056,666	\$ 21,928,721
2021	8,167,337	22.3	1,821,316	19,406,331	23.0	1,878,488	19,990,205	26.0	2,123,508	22,229,141
2022	8,432,775	22.3	1,880,509	19,651,033	23.0	1,939,538	20,242,269	26.0	2,192,522	22,509,436
2023	8,706,840	22.3	1,941,625	19,875,702	23.0	2,002,573	20,473,698	26.0	2,263,778	22,766,785
2024	8,989,812	22.3	2,004,728	20,077,657	23.0	2,067,657	20,681,729	26.0	2,337,351	22,998,116
2025	9,281,981	22.3	2,069,882	20,253,986	23.0	2,134,856	20,863,363	26.0	2,413,315	23,200,094
2026	9,583,645	22.3	2,137,153	20,401,523	23.0	2,204,238	21,015,339	26.0	2,491,748	23,369,091
2027	9,895,113	22.3	2,206,610	20,516,826	23.0	2,275,876	21,134,111	26.0	2,572,729	23,501,166
2028	10,216,704	22.3	2,278,325	20,596,165	23.0	2,349,842	21,215,838	26.0	2,656,343	23,592,046
2029	10,548,747	22.3	2,352,371	20,635,493	23.0	2,426,212	21,256,349	26.0	2,742,674	23,637,094

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.

City of Florissant - 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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 7,910,254	14.8%	\$1,170,718	\$ 10,778,052	18.4%	\$1,455,487	\$ 13,472,590	17.6%	\$1,392,205	\$ 12,991,094
2021	8,167,337	14.8	1,208,766	10,925,710	18.4	1,502,790	13,657,162	17.6	1,437,451	13,169,070
2022	8,432,775	14.8	1,248,051	11,063,476	18.4	1,551,631	13,829,370	17.6	1,484,168	13,335,124
2023	8,706,840	14.8	1,288,612	11,189,964	18.4	1,602,059	13,987,480	17.6	1,532,404	13,487,584
2024	8,989,812	14.8	1,330,492	11,303,664	18.4	1,654,125	14,129,606	17.6	1,582,207	13,624,630
2025	9,281,981	14.8	1,373,733	11,402,937	18.4	1,707,885	14,253,697	17.6	1,633,629	13,744,286
2026	9,583,645	14.8	1,418,379	11,486,000	18.4	1,763,391	14,357,526	17.6	1,686,722	13,844,404
2027	9,895,113	14.8	1,464,477	11,550,915	18.4	1,820,701	14,438,670	17.6	1,741,540	13,922,648
2028	10,216,704	14.8	1,512,072	11,595,583	18.4	1,879,874	14,494,505	17.6	1,798,140	13,976,487
2029	10,548,747	14.8	1,561,215	11,617,724	18.4	1,940,969	14,522,182	17.6	1,856,579	14,003,175

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	20.5%	\$1,621,602	\$ 15,132,321	21.8%	\$1,724,435	\$ 16,167,151	23.2%	\$1,835,179	\$ 17,273,713
2021	8,167,337	20.5	1,674,304	15,339,631	21.8	1,780,479	16,388,639	23.2	1,894,822	17,510,360
2022	8,432,775	20.5	1,728,719	15,533,054	21.8	1,838,345	16,595,289	23.2	1,956,404	17,731,155
2023	8,706,840	20.5	1,784,902	15,710,642	21.8	1,898,091	16,785,022	23.2	2,019,987	17,933,874
2024	8,989,812	20.5	1,842,911	15,870,276	21.8	1,959,779	16,955,573	23.2	2,085,636	18,116,099
2025	9,281,981	20.5	1,902,806	16,009,654	21.8	2,023,472	17,104,483	23.2	2,153,420	18,275,201
2026	9,583,645	20.5	1,964,647	16,126,274	21.8	2,089,235	17,229,078	23.2	2,223,406	18,408,324
2027	9,895,113	20.5	2,028,498	16,217,414	21.8	2,157,135	17,326,451	23.2	2,295,666	18,512,362
2028	10,216,704	20.5	2,094,424	16,280,127	21.8	2,227,241	17,393,453	23.2	2,370,275	18,583,950
2029	10,548,747	20.5	2,162,493	16,311,214	21.8	2,299,627	17,426,665	23.2	2,447,309	18,619,436

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	25.3%	\$2,001,294	\$ 18,861,822	26.0%	\$2,056,666	\$ 19,415,041	28.9%	\$2,286,063	\$ 21,555,770
2021	8,167,337	25.3	2,066,336	19,120,226	26.0	2,123,508	19,681,024	28.9	2,360,360	21,851,081
2022	8,432,775	25.3	2,133,492	19,361,320	26.0	2,192,522	19,929,189	28.9	2,437,072	22,126,609
2023	8,706,840	25.3	2,202,831	19,582,677	26.0	2,263,778	20,157,038	28.9	2,516,277	22,379,581
2024	8,989,812	25.3	2,274,422	19,781,655	26.0	2,337,351	20,361,852	28.9	2,598,056	22,606,978
2025	9,281,981	25.3	2,348,341	19,955,384	26.0	2,413,315	20,540,677	28.9	2,682,493	22,805,520
2026	9,583,645	25.3	2,424,662	20,100,746	26.0	2,491,748	20,690,302	28.9	2,769,673	22,971,643
2027	9,895,113	25.3	2,503,464	20,214,349	26.0	2,572,729	20,807,237	28.9	2,859,688	23,101,471
2028	10,216,704	25.3	2,584,826	20,292,519	26.0	2,656,343	20,887,699	28.9	2,952,627	23,190,805
2029	10,548,747	25.3	2,668,833	20,331,267	26.0	2,742,674	20,927,584	28.9	3,048,588	23,235,087

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.

City of Florissant - 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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 7,910,254	15.3%	\$1,210,269	\$ 11,150,354	19.0%	\$1,502,948	\$ 13,937,896	18.1%	\$1,431,756	\$ 13,442,833
2021	8,167,337	15.3	1,249,603	11,303,112	19.0	1,551,794	14,128,843	18.1	1,478,288	13,626,998
2022	8,432,775	15.3	1,290,215	11,445,637	19.0	1,602,227	14,306,999	18.1	1,526,332	13,798,826
2023	8,706,840	15.3	1,332,147	11,576,494	19.0	1,654,300	14,470,570	18.1	1,575,938	13,956,587
2024	8,989,812	15.3	1,375,441	11,694,122	19.0	1,708,064	14,617,604	18.1	1,627,156	14,098,399
2025	9,281,981	15.3	1,420,143	11,796,824	19.0	1,763,576	14,745,981	18.1	1,680,039	14,222,216
2026	9,583,645	15.3	1,466,298	11,882,756	19.0	1,820,893	14,853,396	18.1	1,734,640	14,325,815
2027	9,895,113	15.3	1,513,952	11,949,913	19.0	1,880,071	14,937,343	18.1	1,791,015	14,406,780
2028	10,216,704	15.3	1,563,156	11,996,124	19.0	1,941,174	14,995,106	18.1	1,849,223	14,462,492
2029	10,548,747	15.3	1,613,958	12,019,030	19.0	2,004,262	15,023,739	18.1	1,909,323	14,490,108

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	21.1%	\$1,669,064	\$ 15,657,385	22.6%	\$1,787,717	\$ 16,725,674	24.0%	\$1,898,461	\$ 17,871,916
2021	8,167,337	21.1	1,723,308	15,871,889	22.6	1,845,818	16,954,813	24.0	1,960,161	18,116,759
2022	8,432,775	21.1	1,779,316	16,072,023	22.6	1,905,807	17,168,602	24.0	2,023,866	18,345,200
2023	8,706,840	21.1	1,837,143	16,255,773	22.6	1,967,746	17,364,890	24.0	2,089,642	18,554,939
2024	8,989,812	21.1	1,896,850	16,420,946	22.6	2,031,698	17,541,333	24.0	2,157,555	18,743,474
2025	9,281,981	21.1	1,958,498	16,565,161	22.6	2,097,728	17,695,387	24.0	2,227,675	18,908,086
2026	9,583,645	21.1	2,022,149	16,685,827	22.6	2,165,904	17,824,286	24.0	2,300,075	19,045,819
2027	9,895,113	21.1	2,087,869	16,780,130	22.6	2,236,296	17,925,023	24.0	2,374,827	19,153,460
2028	10,216,704	21.1	2,155,725	16,845,019	22.6	2,308,975	17,994,340	24.0	2,452,009	19,227,527
2029	10,548,747	21.1	2,225,786	16,877,184	22.6	2,384,017	18,028,700	24.0	2,531,699	19,264,241

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 7,910,254	26.2%	\$2,072,487	\$ 19,513,164	26.9%	\$2,127,858	\$ 20,086,243	29.9%	\$2,365,166	\$ 22,300,221
2021	8,167,337	26.2	2,139,842	19,780,491	26.9	2,197,014	20,361,421	29.9	2,442,034	22,605,731
2022	8,432,775	26.2	2,209,387	20,029,910	26.9	2,268,416	20,618,166	29.9	2,521,400	22,890,775
2023	8,706,840	26.2	2,281,192	20,258,911	26.9	2,342,140	20,853,892	29.9	2,603,345	23,152,484
2024	8,989,812	26.2	2,355,331	20,464,760	26.9	2,418,259	21,065,787	29.9	2,687,954	23,387,734
2025	9,281,981	26.2	2,431,879	20,644,489	26.9	2,496,853	21,250,794	29.9	2,775,312	23,593,133
2026	9,583,645	26.2	2,510,915	20,794,871	26.9	2,578,001	21,405,592	29.9	2,865,510	23,764,993
2027	9,895,113	26.2	2,592,520	20,912,397	26.9	2,661,785	21,526,569	29.9	2,958,639	23,899,305
2028	10,216,704	26.2	2,676,776	20,993,266	26.9	2,748,293	21,609,813	29.9	3,054,794	23,991,725
2029	10,548,747	26.2	2,763,772	21,033,352	26.9	2,837,613	21,651,076	29.9	3,154,075	24,037,537

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.

City of Florissant - Police

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
2020	\$ 6,708,433	9.9%	\$664,135	\$ 7,526,673	13.2%	\$885,513	\$ 9,528,349	12.6%	\$845,263	\$ 9,363,474
2021	6,926,457	9.9	685,719	7,629,787	13.2	914,292	9,658,886	12.6	872,734	9,491,752
2022	7,151,567	9.9	708,005	7,725,994	13.2	944,007	9,780,678	12.6	901,097	9,611,437
2023	7,383,993	9.9	731,015	7,814,325	13.2	974,687	9,892,500	12.6	930,383	9,721,324
2024	7,623,973	9.9	754,773	7,893,726	13.2	1,006,364	9,993,017	12.6	960,621	9,820,102
2025	7,871,752	9.9	779,303	7,963,051	13.2	1,039,071	10,080,779	12.6	991,841	9,906,346
2026	8,127,584	9.9	804,631	8,021,057	13.2	1,072,841	10,154,211	12.6	1,024,076	9,978,507
2027	8,391,730	9.9	830,781	8,066,389	13.2	1,107,708	10,211,599	12.6	1,057,358	10,034,902
2028	8,664,461	9.9	857,782	8,097,582	13.2	1,143,709	10,251,088	12.6	1,091,722	10,073,707
2029	8,946,056	9.9	885,660	8,113,044	13.2	1,180,879	10,270,662	12.6	1,127,203	10,092,942

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
2020	\$ 6,708,433	15.2%	\$1,019,682	\$ 10,905,951	16.4%	\$1,100,183	\$ 11,518,268	17.7%	\$1,187,393	\$ 12,436,646
2021	6,926,457	15.2	1,052,821	11,055,361	16.4	1,135,939	11,676,067	17.7	1,225,983	12,607,026
2022	7,151,567	15.2	1,087,038	11,194,762	16.4	1,172,857	11,823,295	17.7	1,265,827	12,765,993
2023	7,383,993	15.2	1,122,367	11,322,751	16.4	1,210,975	11,958,470	17.7	1,306,967	12,911,946
2024	7,623,973	15.2	1,158,844	11,437,800	16.4	1,250,332	12,079,979	17.7	1,349,443	13,043,143
2025	7,871,752	15.2	1,196,506	11,538,251	16.4	1,290,967	12,186,070	17.7	1,393,300	13,157,692
2026	8,127,584	15.2	1,235,393	11,622,300	16.4	1,332,924	12,274,837	17.7	1,438,582	13,253,537
2027	8,391,730	15.2	1,275,543	11,687,985	16.4	1,376,244	12,344,210	17.7	1,485,336	13,328,442
2028	8,664,461	15.2	1,316,998	11,733,183	16.4	1,420,972	12,391,946	17.7	1,533,610	13,379,984
2029	8,946,056	15.2	1,359,801	11,755,587	16.4	1,467,153	12,415,608	17.7	1,583,452	13,405,533

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
2020	\$ 6,708,433	19.6%	\$1,314,853	\$ 13,500,773	20.2%	\$1,355,103	\$ 13,959,954	22.8%	\$1,529,523	\$ 15,480,308
2021	6,926,457	19.6	1,357,586	13,685,732	20.2	1,399,144	14,151,203	22.8	1,579,232	15,692,386
2022	7,151,567	19.6	1,401,707	13,858,300	20.2	1,444,617	14,329,641	22.8	1,630,557	15,890,257
2023	7,383,993	19.6	1,447,263	14,016,741	20.2	1,491,567	14,493,471	22.8	1,683,550	16,071,929
2024	7,623,973	19.6	1,494,299	14,159,164	20.2	1,540,043	14,640,738	22.8	1,738,266	16,235,234
2025	7,871,752	19.6	1,542,863	14,283,515	20.2	1,590,094	14,769,318	22.8	1,794,759	16,377,818
2026	8,127,584	19.6	1,593,006	14,387,561	20.2	1,641,772	14,876,903	22.8	1,853,089	16,497,120
2027	8,391,730	19.6	1,644,779	14,468,875	20.2	1,695,129	14,960,982	22.8	1,913,314	16,590,356
2028	8,664,461	19.6	1,698,234	14,524,827	20.2	1,750,221	15,018,837	22.8	1,975,497	16,654,512
2029	8,946,056	19.6	1,753,427	14,552,562	20.2	1,807,103	15,047,515	22.8	2,039,701	16,686,313

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.

City of Florissant - Police

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
2020	\$ 6,708,433	10.3%	\$690,969	\$ 7,812,416	13.7%	\$919,055	\$ 9,882,060	13.2%	\$885,513	\$ 9,715,128
2021	6,926,457	10.3	713,425	7,919,445	13.7	948,925	10,017,443	13.2	914,292	9,848,224
2022	7,151,567	10.3	736,611	8,019,304	13.7	979,765	10,143,757	13.2	944,007	9,972,404
2023	7,383,993	10.3	760,551	8,110,988	13.7	1,011,607	10,259,730	13.2	974,687	10,086,418
2024	7,623,973	10.3	785,269	8,193,403	13.7	1,044,484	10,363,978	13.2	1,006,364	10,188,905
2025	7,871,752	10.3	810,790	8,265,360	13.7	1,078,430	10,454,998	13.2	1,039,071	10,278,388
2026	8,127,584	10.3	837,141	8,325,568	13.7	1,113,479	10,531,156	13.2	1,072,841	10,353,259
2027	8,391,730	10.3	864,348	8,372,621	13.7	1,149,667	10,590,675	13.2	1,107,708	10,411,772
2028	8,664,461	10.3	892,439	8,404,998	13.7	1,187,031	10,631,630	13.2	1,143,709	10,452,035
2029	8,946,056	10.3	921,444	8,421,047	13.7	1,225,610	10,651,931	13.2	1,180,879	10,471,993

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
2020	\$ 6,708,433	15.9%	\$1,066,641	\$ 11,309,166	17.0%	\$1,140,434	\$ 11,939,729	18.4%	\$1,234,352	\$ 12,891,085
2021	6,926,457	15.9	1,101,307	11,464,100	17.0	1,177,498	12,103,301	18.4	1,274,468	13,067,691
2022	7,151,567	15.9	1,137,099	11,608,655	17.0	1,215,766	12,255,916	18.4	1,315,888	13,232,466
2023	7,383,993	15.9	1,174,055	11,741,376	17.0	1,255,279	12,396,037	18.4	1,358,655	13,383,752
2024	7,623,973	15.9	1,212,212	11,860,679	17.0	1,296,075	12,521,992	18.4	1,402,811	13,519,743
2025	7,871,752	15.9	1,251,609	11,964,844	17.0	1,338,198	12,631,965	18.4	1,448,402	13,638,478
2026	8,127,584	15.9	1,292,286	12,052,000	17.0	1,381,689	12,723,981	18.4	1,495,475	13,737,825
2027	8,391,730	15.9	1,334,285	12,120,114	17.0	1,426,594	12,795,893	18.4	1,544,078	13,815,467
2028	8,664,461	15.9	1,377,649	12,166,983	17.0	1,472,958	12,845,375	18.4	1,594,261	13,868,892
2029	8,946,056	15.9	1,422,423	12,190,216	17.0	1,520,830	12,869,903	18.4	1,646,074	13,895,374

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
2020	\$ 6,708,433	20.4%	\$1,368,520	\$ 13,990,790	21.1%	\$1,415,479	\$ 14,466,491	23.7%	\$1,589,899	\$ 16,039,522
2021	6,926,457	20.4	1,412,997	14,182,462	21.1	1,461,482	14,664,680	23.7	1,641,570	16,259,261
2022	7,151,567	20.4	1,458,920	14,361,294	21.1	1,508,981	14,849,592	23.7	1,694,921	16,464,280
2023	7,383,993	20.4	1,506,335	14,525,486	21.1	1,558,023	15,019,366	23.7	1,750,006	16,652,515
2024	7,623,973	20.4	1,555,290	14,673,078	21.1	1,608,658	15,171,976	23.7	1,806,882	16,821,720
2025	7,871,752	20.4	1,605,837	14,801,942	21.1	1,660,940	15,305,222	23.7	1,865,605	16,969,454
2026	8,127,584	20.4	1,658,027	14,909,764	21.1	1,714,920	15,416,710	23.7	1,926,237	17,093,065
2027	8,391,730	20.4	1,711,913	14,994,029	21.1	1,770,655	15,503,840	23.7	1,988,840	17,189,669
2028	8,664,461	20.4	1,767,550	15,052,012	21.1	1,828,201	15,563,794	23.7	2,053,477	17,256,142
2029	8,946,056	20.4	1,824,995	15,080,753	21.1	1,887,618	15,593,513	23.7	2,120,215	17,289,092

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.

City of Florissant - Police

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 Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	13.8%	\$925,764	\$ 8,006,506	17.1%	\$1,147,142	\$ 10,008,161	16.5%	\$1,106,891	\$ 9,834,275
2021	6,926,457	13.8	955,851	8,116,194	17.1	1,184,424	10,145,271	16.5	1,142,865	9,969,003
2022	7,151,567	13.8	986,916	8,218,534	17.1	1,222,918	10,273,196	16.5	1,180,009	10,094,706
2023	7,383,993	13.8	1,018,991	8,312,496	17.1	1,262,663	10,390,649	16.5	1,218,359	10,210,118
2024	7,623,973	13.8	1,052,108	8,396,959	17.1	1,303,699	10,496,227	16.5	1,257,956	10,313,862
2025	7,871,752	13.8	1,086,302	8,470,704	17.1	1,346,070	10,588,409	16.5	1,298,839	10,404,442
2026	8,127,584	13.8	1,121,607	8,532,408	17.1	1,389,817	10,665,539	16.5	1,341,051	10,480,232
2027	8,391,730	13.8	1,158,059	8,580,630	17.1	1,434,986	10,725,817	16.5	1,384,635	10,539,463
2028	8,664,461	13.8	1,195,696	8,613,812	17.1	1,481,623	10,767,294	16.5	1,429,636	10,580,220
2029	8,946,056	13.8	1,234,556	8,630,260	17.1	1,529,776	10,787,854	16.5	1,476,099	10,600,423

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	19.1%	\$1,281,311	\$ 11,379,028	20.3%	\$1,361,812	\$ 12,009,760	21.6%	\$1,449,022	\$ 12,923,571
2021	6,926,457	19.1	1,322,953	11,534,919	20.3	1,406,071	12,174,292	21.6	1,496,115	13,100,622
2022	7,151,567	19.1	1,365,949	11,680,367	20.3	1,451,768	12,327,802	21.6	1,544,738	13,265,813
2023	7,383,993	19.1	1,410,343	11,813,908	20.3	1,498,951	12,468,745	21.6	1,594,942	13,417,480
2024	7,623,973	19.1	1,456,179	11,933,948	20.3	1,547,667	12,595,439	21.6	1,646,778	13,553,814
2025	7,871,752	19.1	1,503,505	12,038,756	20.3	1,597,966	12,706,057	21.6	1,700,298	13,672,848
2026	8,127,584	19.1	1,552,369	12,126,450	20.3	1,649,900	12,798,612	21.6	1,755,558	13,772,446
2027	8,391,730	19.1	1,602,820	12,194,985	20.3	1,703,521	12,870,946	21.6	1,812,614	13,850,283
2028	8,664,461	19.1	1,654,912	12,242,144	20.3	1,758,886	12,920,718	21.6	1,871,524	13,903,843
2029	8,946,056	19.1	1,708,697	12,265,520	20.3	1,816,049	12,945,390	21.6	1,932,348	13,930,392

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	23.5%	\$1,576,482	\$ 14,011,423	24.1%	\$1,616,732	\$ 14,468,289	26.7%	\$1,791,152	\$ 16,012,985
2021	6,926,457	23.5	1,627,717	14,203,377	24.1	1,669,276	14,666,502	26.7	1,849,364	16,232,360
2022	7,151,567	23.5	1,680,618	14,382,473	24.1	1,723,528	14,851,437	26.7	1,909,468	16,437,040
2023	7,383,993	23.5	1,735,238	14,546,907	24.1	1,779,542	15,021,233	26.7	1,971,526	16,624,964
2024	7,623,973	23.5	1,791,634	14,694,717	24.1	1,837,377	15,173,862	26.7	2,035,601	16,793,889
2025	7,871,752	23.5	1,849,862	14,823,771	24.1	1,897,092	15,307,124	26.7	2,101,758	16,941,379
2026	8,127,584	23.5	1,909,982	14,931,752	24.1	1,958,748	15,418,626	26.7	2,170,065	17,064,786
2027	8,391,730	23.5	1,972,057	15,016,141	24.1	2,022,407	15,505,767	26.7	2,240,592	17,161,231
2028	8,664,461	23.5	2,036,148	15,074,209	24.1	2,088,135	15,565,728	26.7	2,313,411	17,227,594
2029	8,946,056	23.5	2,102,323	15,102,993	24.1	2,155,999	15,595,450	26.7	2,388,597	17,260,490

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.

City of Florissant - Police

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 Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	14.2%	\$952,597	\$ 8,290,427	17.6%	\$1,180,684	\$ 10,362,962	17.1%	\$1,147,142	\$ 10,183,931
2021	6,926,457	14.2	983,557	8,404,005	17.6	1,219,056	10,504,933	17.1	1,184,424	10,323,449
2022	7,151,567	14.2	1,015,523	8,509,974	17.6	1,258,676	10,637,394	17.1	1,222,918	10,453,621
2023	7,383,993	14.2	1,048,527	8,607,268	17.6	1,299,583	10,759,011	17.1	1,262,663	10,573,137
2024	7,623,973	14.2	1,082,604	8,694,726	17.6	1,341,819	10,868,332	17.1	1,303,699	10,680,570
2025	7,871,752	14.2	1,117,789	8,771,086	17.6	1,385,428	10,963,782	17.1	1,346,070	10,774,371
2026	8,127,584	14.2	1,154,117	8,834,978	17.6	1,430,455	11,043,646	17.1	1,389,817	10,852,855
2027	8,391,730	14.2	1,191,626	8,884,910	17.6	1,476,944	11,106,061	17.1	1,434,986	10,914,192
2028	8,664,461	14.2	1,230,353	8,919,268	17.6	1,524,945	11,149,009	17.1	1,481,623	10,956,398
2029	8,946,056	14.2	1,270,340	8,936,299	17.6	1,574,506	11,170,298	17.1	1,529,776	10,977,319

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	19.8%	\$1,328,270	\$ 11,783,031	20.9%	\$1,402,062	\$ 12,435,475	22.3%	\$1,495,981	\$ 13,382,175
2021	6,926,457	19.8	1,371,438	11,944,457	20.9	1,447,630	12,605,839	22.3	1,544,600	13,565,509
2022	7,151,567	19.8	1,416,010	12,095,069	20.9	1,494,678	12,764,791	22.3	1,594,799	13,736,561
2023	7,383,993	19.8	1,462,031	12,233,351	20.9	1,543,255	12,910,730	22.3	1,646,630	13,893,610
2024	7,623,973	19.8	1,509,547	12,357,653	20.9	1,593,410	13,041,915	22.3	1,700,146	14,034,782
2025	7,871,752	19.8	1,558,607	12,466,182	20.9	1,645,196	13,156,454	22.3	1,755,401	14,158,040
2026	8,127,584	19.8	1,609,262	12,556,990	20.9	1,698,665	13,252,290	22.3	1,812,451	14,261,172
2027	8,391,730	19.8	1,661,563	12,627,958	20.9	1,753,872	13,327,188	22.3	1,871,356	14,341,772
2028	8,664,461	19.8	1,715,563	12,676,791	20.9	1,810,872	13,378,725	22.3	1,932,175	14,397,232
2029	8,946,056	19.8	1,771,319	12,700,997	20.9	1,869,726	13,404,271	22.3	1,994,970	14,424,723

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2020	\$ 6,708,433	24.3%	\$1,630,149	\$ 14,508,138	25.0%	\$1,677,108	\$ 14,981,481	27.6%	\$1,851,527	\$ 16,580,743
2021	6,926,457	24.3	1,683,129	14,706,897	25.0	1,731,614	15,186,725	27.6	1,911,702	16,807,897
2022	7,151,567	24.3	1,737,831	14,892,342	25.0	1,787,892	15,378,220	27.6	1,973,832	17,019,834
2023	7,383,993	24.3	1,794,310	15,062,605	25.0	1,845,998	15,554,038	27.6	2,037,982	17,214,421
2024	7,623,973	24.3	1,852,625	15,215,655	25.0	1,905,993	15,712,081	27.6	2,104,217	17,389,335
2025	7,871,752	24.3	1,912,836	15,349,284	25.0	1,967,938	15,850,070	27.6	2,172,604	17,542,054
2026	8,127,584	24.3	1,975,003	15,461,093	25.0	2,031,896	15,965,527	27.6	2,243,213	17,669,836
2027	8,391,730	24.3	2,039,190	15,548,474	25.0	2,097,933	16,055,759	27.6	2,316,117	17,769,700
2028	8,664,461	24.3	2,105,464	15,608,601	25.0	2,166,115	16,117,847	27.6	2,391,391	17,838,416
2029	8,946,056	24.3	2,173,892	15,638,405	25.0	2,236,514	16,148,624	27.6	2,469,111	17,872,478

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.

City of Florissant - Police

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
2020	\$ 6,708,433	10.5%	\$704,385	\$ 7,936,458	13.9%	\$932,472	\$ 10,034,077	14.2%	\$952,597	\$ 10,381,299
2021	6,926,457	10.5	727,278	8,045,186	13.9	962,778	10,171,542	14.2	983,557	10,523,521
2022	7,151,567	10.5	750,915	8,146,631	13.9	994,068	10,299,799	14.2	1,015,523	10,656,216
2023	7,383,993	10.5	775,319	8,239,771	13.9	1,026,375	10,417,556	14.2	1,048,527	10,778,048
2024	7,623,973	10.5	800,517	8,323,495	13.9	1,059,732	10,523,408	14.2	1,082,604	10,887,563
2025	7,871,752	10.5	826,534	8,396,595	13.9	1,094,174	10,615,828	14.2	1,117,789	10,983,181
2026	8,127,584	10.5	853,396	8,457,759	13.9	1,129,734	10,693,157	14.2	1,154,117	11,063,186
2027	8,391,730	10.5	881,132	8,505,560	13.9	1,166,450	10,753,591	14.2	1,191,626	11,125,712
2028	8,664,461	10.5	909,768	8,538,451	13.9	1,204,360	10,795,176	14.2	1,230,353	11,168,736
2029	8,946,056	10.5	939,336	8,554,755	13.9	1,243,502	10,815,789	14.2	1,270,340	11,190,062

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
2020	\$ 6,708,433	16.6%	\$1,113,600	\$ 11,867,744	17.2%	\$1,153,850	\$ 12,120,410	19.1%	\$1,281,311	\$ 13,342,806
2021	6,926,457	16.6	1,149,792	12,030,330	17.2	1,191,351	12,286,458	19.1	1,322,953	13,525,600
2022	7,151,567	16.6	1,187,160	12,182,025	17.2	1,230,070	12,441,382	19.1	1,365,949	13,696,149
2023	7,383,993	16.6	1,225,743	12,321,301	17.2	1,270,047	12,583,624	19.1	1,410,343	13,852,736
2024	7,623,973	16.6	1,265,580	12,446,497	17.2	1,311,323	12,711,485	19.1	1,456,179	13,993,492
2025	7,871,752	16.6	1,306,711	12,555,807	17.2	1,353,941	12,823,122	19.1	1,503,505	14,116,388
2026	8,127,584	16.6	1,349,179	12,647,268	17.2	1,397,944	12,916,530	19.1	1,552,369	14,219,217
2027	8,391,730	16.6	1,393,027	12,718,746	17.2	1,443,378	12,989,530	19.1	1,602,820	14,299,579
2028	8,664,461	16.6	1,438,301	12,767,930	17.2	1,490,287	13,039,761	19.1	1,654,912	14,354,876
2029	8,946,056	16.6	1,485,045	12,792,310	17.2	1,538,722	13,064,660	19.1	1,708,697	14,382,286

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
2020	\$ 6,708,433	20.7%	\$1,388,646	\$ 14,199,744	21.6%	\$1,449,022	\$ 14,810,916	23.9%	\$1,603,315	\$ 16,276,092
2021	6,926,457	20.7	1,433,777	14,394,278	21.6	1,496,115	15,013,823	23.9	1,655,423	16,499,072
2022	7,151,567	20.7	1,480,374	14,575,781	21.6	1,544,738	15,203,138	23.9	1,709,225	16,707,115
2023	7,383,993	20.7	1,528,487	14,742,425	21.6	1,594,942	15,376,954	23.9	1,764,774	16,898,126
2024	7,623,973	20.7	1,578,162	14,892,221	21.6	1,646,778	15,533,198	23.9	1,822,130	17,069,826
2025	7,871,752	20.7	1,629,453	15,023,010	21.6	1,700,298	15,669,616	23.9	1,881,349	17,219,739
2026	8,127,584	20.7	1,682,410	15,132,443	21.6	1,755,558	15,783,759	23.9	1,942,493	17,345,173
2027	8,391,730	20.7	1,737,088	15,217,967	21.6	1,812,614	15,872,964	23.9	2,005,623	17,443,202
2028	8,664,461	20.7	1,793,543	15,276,816	21.6	1,871,524	15,934,345	23.9	2,070,806	17,510,656
2029	8,946,056	20.7	1,851,834	15,305,987	21.6	1,932,348	15,964,771	23.9	2,138,107	17,544,092

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.

City of Florissant - Police

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
2020	\$ 6,708,433	11.0%	\$737,928	\$ 8,239,188	14.5%	\$972,723	\$ 10,409,203	14.8%	\$992,848	\$ 10,772,950
2021	6,926,457	11.0	761,910	8,352,064	14.5	1,004,336	10,551,807	14.8	1,025,116	10,920,538
2022	7,151,567	11.0	786,672	8,457,378	14.5	1,036,977	10,684,859	14.8	1,058,432	11,058,239
2023	7,383,993	11.0	812,239	8,554,071	14.5	1,070,679	10,807,018	14.8	1,092,831	11,184,667
2024	7,623,973	11.0	838,637	8,640,988	14.5	1,105,476	10,916,827	14.8	1,128,348	11,298,313
2025	7,871,752	11.0	865,893	8,716,876	14.5	1,141,404	11,012,702	14.8	1,165,019	11,397,539
2026	8,127,584	11.0	894,034	8,780,373	14.5	1,178,500	11,092,922	14.8	1,202,882	11,480,563
2027	8,391,730	11.0	923,090	8,829,997	14.5	1,216,801	11,155,616	14.8	1,241,976	11,545,447
2028	8,664,461	11.0	953,091	8,864,143	14.5	1,256,347	11,198,755	14.8	1,282,340	11,590,094
2029	8,946,056	11.0	984,066	8,881,069	14.5	1,297,178	11,220,139	14.8	1,324,016	11,612,225

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
2020	\$ 6,708,433	17.3%	\$1,160,559	\$ 12,309,529	18.0%	\$1,207,518	\$ 12,567,562	19.8%	\$1,328,270	\$ 13,834,466
2021	6,926,457	17.3	1,198,277	12,478,168	18.0	1,246,762	12,739,736	19.8	1,371,438	14,023,996
2022	7,151,567	17.3	1,237,221	12,635,510	18.0	1,287,282	12,900,376	19.8	1,416,010	14,200,830
2023	7,383,993	17.3	1,277,431	12,779,971	18.0	1,329,119	13,047,865	19.8	1,462,031	14,363,187
2024	7,623,973	17.3	1,318,947	12,909,827	18.0	1,372,315	13,180,443	19.8	1,509,547	14,509,130
2025	7,871,752	17.3	1,361,813	13,023,206	18.0	1,416,915	13,296,198	19.8	1,558,607	14,636,554
2026	8,127,584	17.3	1,406,072	13,118,071	18.0	1,462,965	13,393,052	19.8	1,609,262	14,743,172
2027	8,391,730	17.3	1,451,769	13,192,210	18.0	1,510,511	13,468,745	19.8	1,661,563	14,826,496
2028	8,664,461	17.3	1,498,952	13,243,225	18.0	1,559,603	13,520,829	19.8	1,715,563	14,883,831
2029	8,946,056	17.3	1,547,668	13,268,513	18.0	1,610,290	13,546,647	19.8	1,771,319	14,912,251

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
2020	\$ 6,708,433	21.5%	\$1,442,313	\$ 14,720,024	22.4%	\$1,502,689	\$ 15,353,483	24.9%	\$1,670,400	\$ 16,870,143
2021	6,926,457	21.5	1,489,188	14,921,686	22.4	1,551,526	15,563,823	24.9	1,724,688	17,101,261
2022	7,151,567	21.5	1,537,587	15,109,839	22.4	1,601,951	15,760,073	24.9	1,780,740	17,316,897
2023	7,383,993	21.5	1,587,558	15,282,589	22.4	1,654,014	15,940,257	24.9	1,838,614	17,514,880
2024	7,623,973	21.5	1,639,154	15,437,874	22.4	1,707,770	16,102,225	24.9	1,898,369	17,692,847
2025	7,871,752	21.5	1,692,427	15,573,455	22.4	1,763,272	16,243,640	24.9	1,960,066	17,848,232
2026	8,127,584	21.5	1,747,431	15,686,897	22.4	1,820,579	16,361,964	24.9	2,023,768	17,978,245
2027	8,391,730	21.5	1,804,222	15,775,554	22.4	1,879,748	16,454,436	24.9	2,089,541	18,079,852
2028	8,664,461	21.5	1,862,859	15,836,559	22.4	1,940,839	16,518,066	24.9	2,157,451	18,149,768
2029	8,946,056	21.5	1,923,402	15,866,799	22.4	2,003,917	16,549,607	24.9	2,227,568	18,184,425

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.

City of Florissant - Police

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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2020	\$ 6,708,433	14.4%	\$966,014	\$ 8,407,369	17.8%	\$1,194,101	\$ 10,509,135	18.1%	\$1,214,226	\$ 10,842,025
2021	6,926,457	14.4	997,410	8,522,549	17.8	1,232,909	10,653,109	18.1	1,253,689	10,990,559
2022	7,151,567	14.4	1,029,826	8,630,013	17.8	1,272,979	10,787,438	18.1	1,294,434	11,129,143
2023	7,383,993	14.4	1,063,295	8,728,679	17.8	1,314,351	10,910,770	18.1	1,336,503	11,256,382
2024	7,623,973	14.4	1,097,852	8,817,370	17.8	1,357,067	11,021,633	18.1	1,379,939	11,370,757
2025	7,871,752	14.4	1,133,532	8,894,807	17.8	1,401,172	11,118,429	18.1	1,424,787	11,470,619
2026	8,127,584	14.4	1,170,372	8,959,600	17.8	1,446,710	11,199,419	18.1	1,471,093	11,554,175
2027	8,391,730	14.4	1,208,409	9,010,237	17.8	1,493,728	11,262,714	18.1	1,518,903	11,619,475
2028	8,664,461	14.4	1,247,682	9,045,080	17.8	1,542,274	11,306,267	18.1	1,568,267	11,664,408
2029	8,946,056	14.4	1,288,232	9,062,351	17.8	1,592,398	11,327,856	18.1	1,619,236	11,686,681

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 6,708,433	20.5%	\$1,375,229	\$ 12,335,093	21.1%	\$1,415,479	\$ 12,563,373	23.0%	\$1,542,940	\$ 13,828,576
2021	6,926,457	20.5	1,419,924	12,504,082	21.1	1,461,482	12,735,489	23.0	1,593,085	14,018,025
2022	7,151,567	20.5	1,466,071	12,661,751	21.1	1,508,981	12,896,075	23.0	1,644,860	14,194,783
2023	7,383,993	20.5	1,513,719	12,806,512	21.1	1,558,023	13,043,515	23.0	1,698,318	14,357,071
2024	7,623,973	20.5	1,562,914	12,936,638	21.1	1,608,658	13,176,049	23.0	1,753,514	14,502,952
2025	7,871,752	20.5	1,613,709	13,050,252	21.1	1,660,940	13,291,766	23.0	1,810,503	14,630,322
2026	8,127,584	20.5	1,666,155	13,145,314	21.1	1,714,920	13,388,588	23.0	1,869,344	14,736,894
2027	8,391,730	20.5	1,720,305	13,219,607	21.1	1,770,655	13,464,256	23.0	1,930,098	14,820,182
2028	8,664,461	20.5	1,776,215	13,270,728	21.1	1,828,201	13,516,323	23.0	1,992,826	14,877,492
2029	8,946,056	20.5	1,833,941	13,296,068	21.1	1,887,618	13,542,132	23.0	2,057,593	14,905,900

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2020	\$ 6,708,433	24.6%	\$1,650,275	\$ 14,713,038	25.5%	\$1,710,650	\$ 15,321,630	27.8%	\$1,864,944	\$ 16,814,961
2021	6,926,457	24.6	1,703,908	14,914,604	25.5	1,766,247	15,531,534	27.8	1,925,555	17,045,323
2022	7,151,567	24.6	1,759,285	15,102,668	25.5	1,823,650	15,727,377	27.8	1,988,136	17,260,254
2023	7,383,993	24.6	1,816,462	15,275,336	25.5	1,882,918	15,907,187	27.8	2,052,750	17,457,589
2024	7,623,973	24.6	1,875,497	15,430,547	25.5	1,944,113	16,068,819	27.8	2,119,464	17,634,974
2025	7,871,752	24.6	1,936,451	15,566,063	25.5	2,007,297	16,209,941	27.8	2,188,347	17,789,851
2026	8,127,584	24.6	1,999,386	15,679,452	25.5	2,072,534	16,328,020	27.8	2,259,468	17,919,438
2027	8,391,730	24.6	2,064,366	15,768,067	25.5	2,139,891	16,420,301	27.8	2,332,901	18,020,713
2028	8,664,461	24.6	2,131,457	15,829,043	25.5	2,209,438	16,483,799	27.8	2,408,720	18,090,400
2029	8,946,056	24.6	2,200,730	15,859,268	25.5	2,281,244	16,515,274	27.8	2,487,004	18,124,943

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.

City of Florissant - Police

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
2020	\$ 6,708,433	14.9%	\$999,557	\$ 8,709,269	18.4%	\$1,234,352	\$ 10,886,427	18.7%	\$1,254,477	\$ 11,232,497
2021	6,926,457	14.9	1,032,042	8,828,585	18.4	1,274,468	11,035,569	18.7	1,295,247	11,386,381
2022	7,151,567	14.9	1,065,583	8,939,908	18.4	1,315,888	11,174,721	18.7	1,337,343	11,529,956
2023	7,383,993	14.9	1,100,215	9,042,117	18.4	1,358,655	11,302,481	18.7	1,380,807	11,661,777
2024	7,623,973	14.9	1,135,972	9,133,993	18.4	1,402,811	11,417,325	18.7	1,425,683	11,780,271
2025	7,871,752	14.9	1,172,891	9,214,211	18.4	1,448,402	11,517,596	18.7	1,472,018	11,883,729
2026	8,127,584	14.9	1,211,010	9,281,330	18.4	1,495,475	11,601,494	18.7	1,519,858	11,970,294
2027	8,391,730	14.9	1,250,368	9,333,785	18.4	1,544,078	11,667,062	18.7	1,569,254	12,037,946
2028	8,664,461	14.9	1,291,005	9,369,879	18.4	1,594,261	11,712,179	18.7	1,620,254	12,084,497
2029	8,946,056	14.9	1,332,962	9,387,771	18.4	1,646,074	11,734,543	18.7	1,672,912	12,107,572

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
2020	\$ 6,708,433	21.2%	\$1,422,188	\$ 12,778,839	21.9%	\$1,469,147	\$ 13,064,050	23.7%	\$1,589,899	\$ 14,325,556
2021	6,926,457	21.2	1,468,409	12,953,907	21.9	1,516,894	13,243,025	23.7	1,641,570	14,521,814
2022	7,151,567	21.2	1,516,132	13,117,248	21.9	1,566,193	13,410,011	23.7	1,694,921	14,704,925
2023	7,383,993	21.2	1,565,407	13,267,217	21.9	1,617,094	13,563,327	23.7	1,750,006	14,873,045
2024	7,623,973	21.2	1,616,282	13,402,024	21.9	1,669,650	13,701,143	23.7	1,806,882	15,024,169
2025	7,871,752	21.2	1,668,811	13,519,725	21.9	1,723,914	13,821,471	23.7	1,865,605	15,156,117
2026	8,127,584	21.2	1,723,048	13,618,207	21.9	1,779,941	13,922,151	23.7	1,926,237	15,266,519
2027	8,391,730	21.2	1,779,047	13,695,173	21.9	1,837,789	14,000,834	23.7	1,988,840	15,352,800
2028	8,664,461	21.2	1,836,866	13,748,133	21.9	1,897,517	14,054,976	23.7	2,053,477	15,412,170
2029	8,946,056	21.2	1,896,564	13,774,385	21.9	1,959,186	14,081,814	23.7	2,120,215	15,441,599

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
2020	\$ 6,708,433	25.4%	\$1,703,942	\$ 15,241,192	26.3%	\$1,764,318	\$ 15,871,920	28.8%	\$1,932,029	\$ 17,418,468
2021	6,926,457	25.4	1,759,320	15,449,994	26.3	1,821,658	16,089,363	28.8	1,994,820	17,657,098
2022	7,151,567	25.4	1,816,498	15,644,809	26.3	1,880,862	16,292,240	28.8	2,059,651	17,879,743
2023	7,383,993	25.4	1,875,534	15,823,675	26.3	1,941,990	16,478,508	28.8	2,126,590	18,084,161
2024	7,623,973	25.4	1,936,489	15,984,458	26.3	2,005,105	16,645,945	28.8	2,195,704	18,267,913
2025	7,871,752	25.4	1,999,425	16,124,839	26.3	2,070,271	16,792,136	28.8	2,267,065	18,428,348
2026	8,127,584	25.4	2,064,406	16,242,298	26.3	2,137,555	16,914,456	28.8	2,340,744	18,562,586
2027	8,391,730	25.4	2,131,499	16,334,094	26.3	2,207,025	17,010,051	28.8	2,416,818	18,667,496
2028	8,664,461	25.4	2,200,773	16,397,259	26.3	2,278,753	17,075,830	28.8	2,495,365	18,739,684
2029	8,946,056	25.4	2,272,298	16,428,569	26.3	2,352,813	17,108,436	28.8	2,576,464	18,775,467

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.