



The Initial Valuation For
City of Fordland
as of February 28, 2021



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May 26, 2021

City of Fordland
Fordland, 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 7 as the normal cost rate and the casualty rate. 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 7 as the prior service cost rate. 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 rate 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 normal cost rate, casualty rate, and prior service cost rate (the total employer contribution rate as shown on pages 4 thru 7). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 8 and 9 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 29, 2020.

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 February 28, 2021. 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.

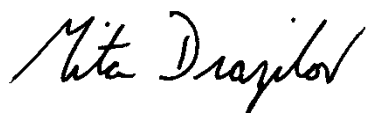
If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

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 a member contribution rate of either 0%, 2%, 4% or 6%, with benefits based on either a 5 year or 3 year Final Average Salary (FAS).

Member Contribution Rate - 0% Plan. Under the 0% 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.

Member Contribution Rate - 2%, 4% or 6% Plan. Under any plan other than 0%, each covered member contributes a percentage 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.

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 144 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 Fordland

Employer Contribution Rates 5 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.60%	0.20%	6.50%	13.30%	11.40%	9.50%	7.60%
	Police	9.30	0.40	0.60	10.30	8.40	6.50	4.60
L-3	General	8.00	0.30	8.20	16.50	14.60	12.70	10.80
	Police	11.40	0.50	0.70	12.60	10.70	8.80	6.90
LT-4(65)	General	7.30	0.20	7.40	14.90	13.00	11.10	9.20
	Police	11.20	0.40	0.70	12.30	10.40	8.50	6.60
LT-5(65)	General	8.50	0.30	8.80	17.60	15.70	13.80	11.90
	Police	12.90	0.50	0.80	14.20	12.30	10.40	8.50
L-7	General	9.50	0.30	9.80	19.60	17.70	15.80	13.90
	Police	13.60	0.60	0.80	15.00	13.10	11.20	9.30
LT-8(65)	General	9.80	0.30	10.20	20.30	18.40	16.50	14.60
	Police	14.50	0.60	0.90	16.00	14.10	12.20	10.30
L-12	General	10.90	0.40	11.40	22.70	20.80	18.90	17.00
	Police	15.70	0.70	1.00	17.40	15.50	13.60	11.70
LT-14(65)	General	11.00	0.40	11.60	23.00	21.10	19.20	17.30
	Police	16.10	0.70	1.00	17.80	15.90	14.00	12.10
L-6	General	12.30	0.50	13.00	25.80	23.90	22.00	20.10
	Police	17.80	0.80	1.10	19.70	17.80	15.90	14.00

* 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 rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

City of Fordland

Employer Contribution Rates 3 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.80%	0.20%	6.70%	13.70%	11.80%	9.90%	8.00%
	Police	9.60	0.40	0.60	10.60	8.70	6.80	4.90
L-3	General	8.30	0.30	8.40	17.00	15.10	13.20	11.30
	Police	11.80	0.50	0.70	13.00	11.10	9.20	7.30
LT-4(65)	General	7.50	0.20	7.70	15.40	13.50	11.60	9.70
	Police	11.60	0.40	0.70	12.70	10.80	8.90	7.00
LT-5(65)	General	8.80	0.30	9.10	18.20	16.30	14.40	12.50
	Police	13.30	0.50	0.80	14.60	12.70	10.80	8.90
L-7	General	9.80	0.30	10.10	20.20	18.30	16.40	14.50
	Police	14.00	0.60	0.90	15.50	13.60	11.70	9.80
LT-8(65)	General	10.10	0.30	10.60	21.00	19.10	17.20	15.30
	Police	15.00	0.60	0.90	16.50	14.60	12.70	10.80
L-12	General	11.20	0.40	11.80	23.40	21.50	19.60	17.70
	Police	16.20	0.70	1.00	17.90	16.00	14.10	12.20
LT-14(65)	General	11.40	0.40	12.00	23.80	21.90	20.00	18.10
	Police	16.60	0.70	1.00	18.30	16.40	14.50	12.60
L-6	General	12.70	0.50	13.50	26.70	24.80	22.90	21.00
	Police	18.30	0.80	1.10	20.20	18.30	16.40	14.50

* 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 rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

City of Fordland

Employer Contribution Rates 5 Year FAS - Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.90%	0.20%	7.20%	14.30%	12.40%	10.50%	8.60%
	Police	9.30	0.40	0.60	10.30	8.40	6.50	4.60
L-3	General	8.40	0.30	8.90	17.60	15.70	13.80	11.90
	Police	11.40	0.50	0.70	12.60	10.70	8.80	6.90
LT-4(65)	General	8.00	0.20	8.80	17.00	15.10	13.20	11.30
	Police	11.20	0.40	0.70	12.30	10.40	8.50	6.60
LT-5(65)	General	9.30	0.30	10.20	19.80	17.90	16.00	14.10
	Police	12.90	0.50	0.80	14.20	12.30	10.40	8.50
L-7	General	10.00	0.30	10.70	21.00	19.10	17.20	15.30
	Police	13.60	0.60	0.80	15.00	13.10	11.20	9.30
LT-8(65)	General	10.50	0.30	11.50	22.30	20.40	18.50	16.60
	Police	14.50	0.60	0.90	16.00	14.10	12.20	10.30
L-12	General	11.50	0.40	12.50	24.40	22.50	20.60	18.70
	Police	15.70	0.70	1.00	17.40	15.50	13.60	11.70
LT-14(65)	General	11.70	0.40	12.90	25.00	23.10	21.20	19.30
	Police	16.10	0.70	1.00	17.80	15.90	14.00	12.10
L-6	General	13.00	0.50	14.30	27.80	25.90	24.00	22.10
	Police	17.80	0.80	1.10	19.70	17.80	15.90	14.00

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 rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

City of Fordland

Employer Contribution Rates 3 Year FAS - Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	7.20%	0.20%	7.40%	14.80%	12.90%	11.00%	9.10%
	Police	9.60	0.40	0.60	10.60	8.70	6.80	4.90
L-3	General	8.70	0.30	9.20	18.20	16.30	14.40	12.50
	Police	11.80	0.50	0.70	13.00	11.10	9.20	7.30
LT-4(65)	General	8.30	0.20	9.10	17.60	15.70	13.80	11.90
	Police	11.60	0.40	0.70	12.70	10.80	8.90	7.00
LT-5(65)	General	9.60	0.30	10.50	20.40	18.50	16.60	14.70
	Police	13.30	0.50	0.80	14.60	12.70	10.80	8.90
L-7	General	10.30	0.30	11.10	21.70	19.80	17.90	16.00
	Police	14.00	0.60	0.90	15.50	13.60	11.70	9.80
LT-8(65)	General	10.80	0.30	11.90	23.00	21.10	19.20	17.30
	Police	15.00	0.60	0.90	16.50	14.60	12.70	10.80
L-12	General	11.80	0.40	13.00	25.20	23.30	21.40	19.50
	Police	16.20	0.70	1.00	17.90	16.00	14.10	12.20
LT-14(65)	General	12.10	0.40	13.40	25.90	24.00	22.10	20.20
	Police	16.60	0.70	1.00	18.30	16.40	14.50	12.60
L-6	General	13.40	0.50	14.80	28.70	26.80	24.90	23.00
	Police	18.30	0.80	1.10	20.20	18.30	16.40	14.50

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

* Assumes that credit is granted for 100% of service rendered prior to the membership date 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 rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

City of Fordland

Employer Contribution Dollars General

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:

Regular Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 23,645	\$ 20,267	\$ 16,889	\$ 13,511
L-3	29,334	25,956	22,578	19,200
LT-4(65)	26,489	23,112	19,734	16,356
LT-5(65)	31,289	27,912	24,534	21,156
L-7	34,845	31,467	28,089	24,712
LT-8(65)	36,090	32,712	29,334	25,956
L-12	40,356	36,978	33,601	30,223
LT-14(65)	40,890	37,512	34,134	30,756
L-6	45,867	42,490	39,112	35,734

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 24,356	\$ 20,978	\$ 17,600	\$ 14,222
L-3	30,223	26,845	23,467	20,089
LT-4(65)	27,378	24,000	20,623	17,245
LT-5(65)	32,356	28,978	25,600	22,223
L-7	35,912	32,534	29,156	25,778
LT-8(65)	37,334	33,956	30,578	27,200
L-12	41,601	38,223	34,845	31,467
LT-14(65)	42,312	38,934	35,556	32,178
L-6	47,468	44,090	40,712	37,334

Rule of 80 Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 25,423	\$ 22,045	\$ 18,667	\$ 15,289
L-3	31,289	27,912	24,534	21,156
LT-4(65)	30,223	26,845	23,467	20,089
LT-5(65)	35,201	31,823	28,445	25,067
L-7	37,334	33,956	30,578	27,200
LT-8(65)	39,645	36,267	32,889	29,512
L-12	43,379	40,001	36,623	33,245
LT-14(65)	44,445	41,067	37,690	34,312
L-6	49,423	46,045	42,667	39,290

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 26,312	\$ 22,934	\$ 19,556	\$ 16,178
L-3	32,356	28,978	25,600	22,223
LT-4(65)	31,289	27,912	24,534	21,156
LT-5(65)	36,267	32,889	29,512	26,134
L-7	38,578	35,201	31,823	28,445
LT-8(65)	40,890	37,512	34,134	30,756
L-12	44,801	41,423	38,045	34,667
LT-14(65)	46,045	42,667	39,290	35,912
L-6	51,023	47,645	44,267	40,890

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 Fordland

Employer Contribution Dollars Police

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:

Regular Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 3,535	\$ 2,883	\$ 2,231	\$ 1,579
L-3	4,324	3,672	3,020	2,368
LT-4(65)	4,221	3,569	2,917	2,265
LT-5(65)	4,873	4,221	3,569	2,917
L-7	5,148	4,496	3,844	3,192
LT-8(65)	5,491	4,839	4,187	3,535
L-12	5,972	5,320	4,668	4,015
LT-14(65)	6,109	5,457	4,805	4,153
L-6	6,761	6,109	5,457	4,805

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 3,638	\$ 2,986	\$ 2,334	\$ 1,682
L-3	4,462	3,810	3,157	2,505
LT-4(65)	4,359	3,707	3,054	2,402
LT-5(65)	5,011	4,359	3,707	3,054
L-7	5,320	4,668	4,015	3,363
LT-8(65)	5,663	5,011	4,359	3,707
L-12	6,143	5,491	4,839	4,187
LT-14(65)	6,281	5,628	4,976	4,324
L-6	6,933	6,281	5,628	4,976

Rule of 80 Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 3,535	\$ 2,883	\$ 2,231	\$ 1,579
L-3	4,324	3,672	3,020	2,368
LT-4(65)	4,221	3,569	2,917	2,265
LT-5(65)	4,873	4,221	3,569	2,917
L-7	5,148	4,496	3,844	3,192
LT-8(65)	5,491	4,839	4,187	3,535
L-12	5,972	5,320	4,668	4,015
LT-14(65)	6,109	5,457	4,805	4,153
L-6	6,761	6,109	5,457	4,805

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 3,638	\$ 2,986	\$ 2,334	\$ 1,682
L-3	4,462	3,810	3,157	2,505
LT-4(65)	4,359	3,707	3,054	2,402
LT-5(65)	5,011	4,359	3,707	3,054
L-7	5,320	4,668	4,015	3,363
LT-8(65)	5,663	5,011	4,359	3,707
L-12	6,143	5,491	4,839	4,187
LT-14(65)	6,281	5,628	4,976	4,324
L-6	6,933	6,281	5,628	4,976

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 Fordland

Employees and Payroll Included in the Valuation

	General	Police
Number of Employees	5	1
Annual Payroll	\$ 177,781	\$ 34,320

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 7 as the "Prior Service Cost Rate" 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 Fordland

Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 204,229	\$ 211,178
	Police	3,331	3,445
L-3	General	255,296	263,991
	Police	4,167	4,308
LT-4(65)	General	231,954	239,885
	Police	4,073	4,210
LT-5(65)	General	276,081	285,518
	Police	4,725	4,887
L-7	General	306,371	316,787
	Police	5,003	5,172
LT-8(65)	General	320,242	331,141
	Police	5,374	5,552
L-12	General	357,389	369,597
	Police	5,832	6,033
LT-14(65)	General	364,329	376,762
	Police	6,017	6,225
L-6	General	408,464	422,393
	Police	6,667	6,897

City of Fordland

Unfunded Actuarial Accrued Liability (UAAL)

Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 223,985	\$ 231,742
	Police	3,331	3,445
L-3	General	279,998	289,685
	Police	4,167	4,308
LT-4(65)	General	275,207	284,773
	Police	4,073	4,210
LT-5(65)	General	318,418	329,466
	Police	4,725	4,887
L-7	General	335,997	347,634
	Police	5,003	5,172
LT-8(65)	General	361,597	374,145
	Police	5,374	5,552
L-12	General	391,977	405,575
	Police	5,832	6,033
LT-14(65)	General	404,783	418,836
	Police	6,017	6,225
L-6	General	447,964	463,484
	Police	6,667	6,897

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 7.25% 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 3.25% 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.
9. This report was prepared using our proprietary valuation model and related software which in our professional judgment has the capability to provide results that are consistent with the purposes of the valuation. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

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/Public Safety		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	

		Percent Increase in Individual's Pay During Next Year		
Sample Ages	General			Fire
	General	Police/Public Safety	Fire	
25	6.55%	6.55%	7.15%	
30	5.75	5.75	6.05	
35	5.25	5.25	5.15	
40	4.75	4.75	4.45	
45	4.25	4.25	4.15	
50	3.85	3.85	3.85	
55	3.65	3.65	3.65	
60	3.55	3.55	3.25	
65	3.25	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/ Public Safety	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/ Public Safety	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. (Concluded)

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

Retirement Ages	General Members		Police/ Public Safety	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 29, 2020

(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, public safety 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 a percent of compensation beginning after completion of sufficient employment for 6 months of credited service. The law governing LAGERS has a provision for the adoption of a 2%, 4% or 6% member contribution rate.

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 0% plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the 0% plan may be done at the time of membership or a later date; however, a change in the member contribution rate may not be made more frequently than every 2 years. Under the 0% plan 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	\$ 948	\$1,473	98%
2,000	700	1,095	1,795	90%
2,500	875	1,242	2,117	85%
3,000	1,050	1,388	2,438	81%
3,500	1,225	1,535	2,760	79%
4,000	1,400	1,682	3,082	77%
25 Years of Service:				
\$1,500	\$ 375	\$ 948	\$1,323	88%
2,000	500	1,095	1,595	80%
2,500	625	1,242	1,867	75%
3,000	750	1,388	2,138	71%
3,500	875	1,535	2,410	69%
4,000	1,000	1,682	2,682	67%
15 Years of Service:				
\$1,500	\$225	\$ 948	\$1,173	78%
2,000	300	1,095	1,395	70%
2,500	375	1,242	1,617	65%
3,000	450	1,388	1,838	61%
3,500	525	1,535	2,060	59%
4,000	600	1,682	2,282	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 2020 - 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	\$ 948	\$1,604	107%
2,000	875	1,095	1,970	99%
2,500	1,094	1,242	2,336	93%
3,000	1,313	1,388	2,701	90%
3,500	1,531	1,535	3,066	88%
4,000	1,750	1,682	3,432	86%
25 Years of Service:				
\$1,500	\$ 469	\$ 948	\$1,417	94%
2,000	625	1,095	1,720	86%
2,500	781	1,242	2,023	81%
3,000	938	1,388	2,326	78%
3,500	1,094	1,535	2,629	75%
4,000	1,250	1,682	2,932	73%
15 Years of Service:				
\$1,500	\$281	\$ 948	\$1,229	82%
2,000	375	1,095	1,470	74%
2,500	469	1,242	1,711	68%
3,000	563	1,388	1,951	65%
3,500	656	1,535	2,191	63%
4,000	750	1,682	2,432	61%

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 2020 - 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	\$ 948	\$1,736	116%
2,000	1,050	1,095	2,145	107%
2,500	1,313	1,242	2,555	102%
3,000	1,575	1,388	2,963	99%
3,500	1,838	1,535	3,373	96%
4,000	2,100	1,682	3,782	95%
25 Years of Service:				
\$1,500	\$ 563	\$ 948	\$1,511	101%
2,000	750	1,095	1,845	92%
2,500	938	1,242	2,180	87%
3,000	1,125	1,388	2,513	84%
3,500	1,313	1,535	2,848	81%
4,000	1,500	1,682	3,182	80%
15 Years of Service:				
\$1,500	\$338	\$ 948	\$1,286	86%
2,000	450	1,095	1,545	77%
2,500	563	1,242	1,805	72%
3,000	675	1,388	2,063	69%
3,500	788	1,535	2,323	66%
4,000	900	1,682	2,582	65%

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 2020 - 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	\$ 948	\$1,867	124%
2,000	1,225	1,095	2,320	116%
2,500	1,531	1,242	2,773	111%
3,000	1,838	1,388	3,226	108%
3,500	2,144	1,535	3,679	105%
4,000	2,450	1,682	4,132	103%
25 Years of Service:				
\$1,500	\$ 656	\$ 948	\$1,604	107%
2,000	875	1,095	1,970	99%
2,500	1,094	1,242	2,336	93%
3,000	1,313	1,388	2,701	90%
3,500	1,531	1,535	3,066	88%
4,000	1,750	1,682	3,432	86%
15 Years of Service:				
\$1,500	\$ 394	\$ 948	\$1,342	89%
2,000	525	1,095	1,620	81%
2,500	656	1,242	1,898	76%
3,000	788	1,388	2,176	73%
3,500	919	1,535	2,454	70%
4,000	1,050	1,682	2,732	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 2020 - 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	\$ 948	\$1,998	133%
2,000	1,400	1,095	2,495	125%
2,500	1,750	1,242	2,992	120%
3,000	2,100	1,388	3,488	116%
3,500	2,450	1,535	3,985	114%
4,000	2,800	1,682	4,482	112%
25 Years of Service:				
\$1,500	\$ 750	\$ 948	\$1,698	113%
2,000	1,000	1,095	2,095	105%
2,500	1,250	1,242	2,492	100%
3,000	1,500	1,388	2,888	96%
3,500	1,750	1,535	3,285	94%
4,000	2,000	1,682	3,682	92%
15 Years of Service:				
\$1,500	\$ 450	\$ 948	\$1,398	93%
2,000	600	1,095	1,695	85%
2,500	750	1,242	1,992	80%
3,000	900	1,388	2,288	76%
3,500	1,050	1,535	2,585	74%
4,000	1,200	1,682	2,882	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 2020 - 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	\$ 948	\$1,050	\$1,473	70%	98%
2,000	1,400	700	1,095	1,400	1,795	70%	90%
2,500	1,750	875	1,242	1,750	2,117	70%	85%
3,000	2,100	1,050	1,388	2,100	2,438	70%	81%
3,500	2,450	1,225	1,535	2,450	2,760	70%	79%
4,000	2,800	1,400	1,682	2,800	3,082	70%	77%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 948	\$ 750	\$1,323	50%	88%
2,000	1,000	500	1,095	1,000	1,595	50%	80%
2,500	1,250	625	1,242	1,250	1,867	50%	75%
3,000	1,500	750	1,388	1,500	2,138	50%	71%
3,500	1,750	875	1,535	1,750	2,410	50%	69%
4,000	2,000	1,000	1,682	2,000	2,682	50%	67%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 948	\$ 450	\$1,173	30%	78%
2,000	600	300	1,095	600	1,395	30%	70%
2,500	750	375	1,242	750	1,617	30%	65%
3,000	900	450	1,388	900	1,838	30%	61%
3,500	1,050	525	1,535	1,050	2,060	30%	59%
4,000	1,200	600	1,682	1,200	2,282	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 2020 - 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	\$ 948	\$1,050	\$1,604	70%	107%
2,000	1,400	875	1,095	1,400	1,970	70%	99%
2,500	1,750	1,094	1,242	1,750	2,336	70%	93%
3,000	2,100	1,313	1,388	2,100	2,701	70%	90%
3,500	2,450	1,531	1,535	2,450	3,066	70%	88%
4,000	2,800	1,750	1,682	2,800	3,432	70%	86%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 948	\$ 750	\$1,417	50%	94%
2,000	1,000	625	1,095	1,000	1,720	50%	86%
2,500	1,250	781	1,242	1,250	2,023	50%	81%
3,000	1,500	938	1,388	1,500	2,326	50%	78%
3,500	1,750	1,094	1,535	1,750	2,629	50%	75%
4,000	2,000	1,250	1,682	2,000	2,932	50%	73%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 948	\$ 450	\$1,229	30%	82%
2,000	600	375	1,095	600	1,470	30%	74%
2,500	750	469	1,242	750	1,711	30%	68%
3,000	900	563	1,388	900	1,951	30%	65%
3,500	1,050	656	1,535	1,050	2,191	30%	63%
4,000	1,200	750	1,682	1,200	2,432	30%	61%

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 2020 - 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	\$ 948	\$1,050	\$1,736	70%	116%
2,000	1,400	1,050	1,095	1,400	2,145	70%	107%
2,500	1,750	1,313	1,242	1,750	2,555	70%	102%
3,000	2,100	1,575	1,388	2,100	2,963	70%	99%
3,500	2,450	1,838	1,535	2,450	3,373	70%	96%
4,000	2,800	2,100	1,682	2,800	3,782	70%	95%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 948	\$ 750	\$1,511	50%	101%
2,000	1,000	750	1,095	1,000	1,845	50%	92%
2,500	1,250	938	1,242	1,250	2,180	50%	87%
3,000	1,500	1,125	1,388	1,500	2,513	50%	84%
3,500	1,750	1,313	1,535	1,750	2,848	50%	81%
4,000	2,000	1,500	1,682	2,000	3,182	50%	80%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 948	\$ 450	\$1,286	30%	86%
2,000	600	450	1,095	600	1,545	30%	77%
2,500	750	563	1,242	750	1,805	30%	72%
3,000	900	675	1,388	900	2,063	30%	69%
3,500	1,050	788	1,535	1,050	2,323	30%	66%
4,000	1,200	900	1,682	1,200	2,582	30%	65%

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 2020 - 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	\$ 948	\$1,050	\$1,867	70%	124%
2,000	1,400	1,225	1,095	1,400	2,320	70%	116%
2,500	1,750	1,531	1,242	1,750	2,773	70%	111%
3,000	2,100	1,838	1,388	2,100	3,226	70%	108%
3,500	2,450	2,144	1,535	2,450	3,679	70%	105%
4,000	2,800	2,450	1,682	2,800	4,132	70%	103%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 948	\$ 750	\$1,604	50%	107%
2,000	1,000	875	1,095	1,000	1,970	50%	99%
2,500	1,250	1,094	1,242	1,250	2,336	50%	93%
3,000	1,500	1,313	1,388	1,500	2,701	50%	90%
3,500	1,750	1,531	1,535	1,750	3,066	50%	88%
4,000	2,000	1,750	1,682	2,000	3,432	50%	86%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 948	\$ 450	\$1,342	30%	89%
2,000	600	525	1,095	600	1,620	30%	81%
2,500	750	656	1,242	750	1,898	30%	76%
3,000	900	788	1,388	900	2,176	30%	73%
3,500	1,050	919	1,535	1,050	2,454	30%	70%
4,000	1,200	1,050	1,682	1,200	2,732	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 2020 - 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 Fordland - General

February 28, 2021

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	\$ 25,111
25-29									
30-34									
35-39									
40-44	1							1	\$ 21,216
45-49				1				1	\$ 45,004
50-54	1							1	\$ 33,004
55-59				1				1	\$ 53,446
60-64									
65-69									
70 & Over									
Totals	3			2				5	\$ 177,781

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

Age: 45.3 years.

Benefit Service: 8.9 years.

Annual Pay: \$35,556.

City of Fordland - Police

February 28, 2021

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24									
25-29									
30-34									
35-39									
40-44									
45-49									
50-54	1							1	\$ 34,320
55-59									
60-64									
65-69									
70 & Over									
Totals	1							1	\$ 34,320

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

Age: 51.8 years.

Benefit Service: 1.0 years.

Annual Pay: \$34,320.

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 7 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.



May 26, 2021 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 February 28, 2021 Initial Actuarial Valuation of LAGERS benefits for the employees of

City of Fordland

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



May 26, 2021

City of Fordland
Fordland, 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 February 28, 2021 Initial Valuation for the City of Fordland dated May 26, 2021.

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 29, 2020. The unfunded actuarial accrued liability shown for each member contribution rate option is based on the 0% member contribution rate plan.

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,

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

City of Fordland - General

Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

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	
2021	\$ 177,781	13.3%	\$23,645	\$ 204,229	16.5%	\$29,334	\$ 255,296	14.9%	\$26,489	\$ 231,954
2022	183,559	13.3	24,413	207,027	16.5	30,287	258,794	14.9	27,350	235,132
2023	189,525	13.3	25,207	209,637	16.5	31,272	262,057	14.9	28,239	238,097
2024	195,685	13.3	26,026	212,034	16.5	32,288	265,053	14.9	29,157	240,819
2025	202,045	13.3	26,872	214,188	16.5	33,337	267,746	14.9	30,105	243,266
2026	208,611	13.3	27,745	216,069	16.5	34,421	270,097	14.9	31,083	245,402
2027	215,391	13.3	28,647	217,643	16.5	35,540	272,064	14.9	32,093	247,190
2028	222,391	13.3	29,578	218,873	16.5	36,695	273,602	14.9	33,136	248,587
2029	229,619	13.3	30,539	219,719	16.5	37,887	274,660	14.9	34,213	249,548
2030	237,082	13.3	31,532	220,139	16.5	39,119	275,184	14.9	35,325	250,025

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	
2021	\$ 177,781	17.6%	\$31,289	\$ 276,081	19.6%	\$34,845	\$ 306,371	20.3%	\$36,090	\$ 320,242
2022	183,559	17.6	32,306	279,863	19.6	35,978	310,568	20.3	37,262	324,629
2023	189,525	17.6	33,356	283,392	19.6	37,147	314,484	20.3	38,474	328,722
2024	195,685	17.6	34,441	286,632	19.6	38,354	318,079	20.3	39,724	332,480
2025	202,045	17.6	35,560	289,544	19.6	39,601	321,311	20.3	41,015	335,858
2026	208,611	17.6	36,716	292,087	19.6	40,888	324,133	20.3	42,348	338,808
2027	215,391	17.6	37,909	294,215	19.6	42,217	326,494	20.3	43,724	341,276
2028	222,391	17.6	39,141	295,878	19.6	43,589	328,339	20.3	45,145	343,205
2029	229,619	17.6	40,413	297,022	19.6	45,005	329,609	20.3	46,613	344,532
2030	237,082	17.6	41,726	297,589	19.6	46,468	330,238	20.3	48,128	345,190

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	
2021	\$ 177,781	22.7%	\$40,356	\$ 357,389	23.0%	\$40,890	\$ 364,329	25.8%	\$45,867	\$ 408,464
2022	183,559	22.7	41,668	362,285	23.0	42,219	369,320	25.8	47,358	414,060
2023	189,525	22.7	43,022	366,853	23.0	43,591	373,977	25.8	48,897	419,281
2024	195,685	22.7	44,420	371,047	23.0	45,008	378,253	25.8	50,487	424,075
2025	202,045	22.7	45,864	374,817	23.0	46,470	382,096	25.8	52,128	428,384
2026	208,611	22.7	47,355	378,109	23.0	47,981	385,452	25.8	53,822	432,146
2027	215,391	22.7	48,894	380,863	23.0	49,540	388,260	25.8	55,571	435,294
2028	222,391	22.7	50,483	383,016	23.0	51,150	390,454	25.8	57,377	437,754
2029	229,619	22.7	52,124	384,497	23.0	52,812	391,964	25.8	59,242	439,447
2030	237,082	22.7	53,818	385,231	23.0	54,529	392,712	25.8	61,167	440,286

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 Fordland - General

Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS)

(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
2021	\$ 177,781	11.4%	\$20,267	\$ 204,229	14.6%	\$25,956	\$ 255,296	13.0%	\$23,112	\$ 231,954
2022	183,559	11.4	20,926	207,027	14.6	26,800	258,794	13.0	23,863	235,132
2023	189,525	11.4	21,606	209,637	14.6	27,671	262,057	13.0	24,638	238,097
2024	195,685	11.4	22,308	212,034	14.6	28,570	265,053	13.0	25,439	240,819
2025	202,045	11.4	23,033	214,188	14.6	29,499	267,746	13.0	26,266	243,266
2026	208,611	11.4	23,782	216,069	14.6	30,457	270,097	13.0	27,119	245,402
2027	215,391	11.4	24,555	217,643	14.6	31,447	272,064	13.0	28,001	247,190
2028	222,391	11.4	25,353	218,873	14.6	32,469	273,602	13.0	28,911	248,587
2029	229,619	11.4	26,177	219,719	14.6	33,524	274,660	13.0	29,850	249,548
2030	237,082	11.4	27,027	220,139	14.6	34,614	275,184	13.0	30,821	250,025

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
2021	\$ 177,781	15.7%	\$27,912	\$ 276,081	17.7%	\$31,467	\$ 306,371	18.4%	\$32,712	\$ 320,242
2022	183,559	15.7	28,819	279,863	17.7	32,490	310,568	18.4	33,775	324,629
2023	189,525	15.7	29,755	283,392	17.7	33,546	314,484	18.4	34,873	328,722
2024	195,685	15.7	30,723	286,632	17.7	34,636	318,079	18.4	36,006	332,480
2025	202,045	15.7	31,721	289,544	17.7	35,762	321,311	18.4	37,176	335,858
2026	208,611	15.7	32,752	292,087	17.7	36,924	324,133	18.4	38,384	338,808
2027	215,391	15.7	33,816	294,215	17.7	38,124	326,494	18.4	39,632	341,276
2028	222,391	15.7	34,915	295,878	17.7	39,363	328,339	18.4	40,920	343,205
2029	229,619	15.7	36,050	297,022	17.7	40,643	329,609	18.4	42,250	344,532
2030	237,082	15.7	37,222	297,589	17.7	41,964	330,238	18.4	43,623	345,190

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
2021	\$ 177,781	20.8%	\$36,978	\$ 357,389	21.1%	\$37,512	\$ 364,329	23.9%	\$42,490	\$ 408,464
2022	183,559	20.8	38,180	362,285	21.1	38,731	369,320	23.9	43,871	414,060
2023	189,525	20.8	39,421	366,853	21.1	39,990	373,977	23.9	45,296	419,281
2024	195,685	20.8	40,702	371,047	21.1	41,290	378,253	23.9	46,769	424,075
2025	202,045	20.8	42,025	374,817	21.1	42,631	382,096	23.9	48,289	428,384
2026	208,611	20.8	43,391	378,109	21.1	44,017	385,452	23.9	49,858	432,146
2027	215,391	20.8	44,801	380,863	21.1	45,448	388,260	23.9	51,478	435,294
2028	222,391	20.8	46,257	383,016	21.1	46,925	390,454	23.9	53,151	437,754
2029	229,619	20.8	47,761	384,497	21.1	48,450	391,964	23.9	54,879	439,447
2030	237,082	20.8	49,313	385,231	21.1	50,024	392,712	23.9	56,663	440,286

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 Fordland - General

Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS)

(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	
2021	\$ 177,781	9.5%	\$16,889	\$ 204,229	12.7%	\$22,578	\$ 255,296	11.1%	\$19,734	\$ 231,954
2022	183,559	9.5	17,438	207,027	12.7	23,312	258,794	11.1	20,375	235,132
2023	189,525	9.5	18,005	209,637	12.7	24,070	262,057	11.1	21,037	238,097
2024	195,685	9.5	18,590	212,034	12.7	24,852	265,053	11.1	21,721	240,819
2025	202,045	9.5	19,194	214,188	12.7	25,660	267,746	11.1	22,427	243,266
2026	208,611	9.5	19,818	216,069	12.7	26,494	270,097	11.1	23,156	245,402
2027	215,391	9.5	20,462	217,643	12.7	27,355	272,064	11.1	23,908	247,190
2028	222,391	9.5	21,127	218,873	12.7	28,244	273,602	11.1	24,685	248,587
2029	229,619	9.5	21,814	219,719	12.7	29,162	274,660	11.1	25,488	249,548
2030	237,082	9.5	22,523	220,139	12.7	30,109	275,184	11.1	26,316	250,025

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	
2021	\$ 177,781	13.8%	\$24,534	\$ 276,081	15.8%	\$28,089	\$ 306,371	16.5%	\$29,334	\$ 320,242
2022	183,559	13.8	25,331	279,863	15.8	29,002	310,568	16.5	30,287	324,629
2023	189,525	13.8	26,154	283,392	15.8	29,945	314,484	16.5	31,272	328,722
2024	195,685	13.8	27,005	286,632	15.8	30,918	318,079	16.5	32,288	332,480
2025	202,045	13.8	27,882	289,544	15.8	31,923	321,311	16.5	33,337	335,858
2026	208,611	13.8	28,788	292,087	15.8	32,961	324,133	16.5	34,421	338,808
2027	215,391	13.8	29,724	294,215	15.8	34,032	326,494	16.5	35,540	341,276
2028	222,391	13.8	30,690	295,878	15.8	35,138	328,339	16.5	36,695	343,205
2029	229,619	13.8	31,687	297,022	15.8	36,280	329,609	16.5	37,887	344,532
2030	237,082	13.8	32,717	297,589	15.8	37,459	330,238	16.5	39,119	345,190

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	
2021	\$ 177,781	18.9%	\$33,601	\$ 357,389	19.2%	\$34,134	\$ 364,329	22.0%	\$39,112	\$ 408,464
2022	183,559	18.9	34,693	362,285	19.2	35,243	369,320	22.0	40,383	414,060
2023	189,525	18.9	35,820	366,853	19.2	36,389	373,977	22.0	41,696	419,281
2024	195,685	18.9	36,984	371,047	19.2	37,572	378,253	22.0	43,051	424,075
2025	202,045	18.9	38,187	374,817	19.2	38,793	382,096	22.0	44,450	428,384
2026	208,611	18.9	39,427	378,109	19.2	40,053	385,452	22.0	45,894	432,146
2027	215,391	18.9	40,709	380,863	19.2	41,355	388,260	22.0	47,386	435,294
2028	222,391	18.9	42,032	383,016	19.2	42,699	390,454	22.0	48,926	437,754
2029	229,619	18.9	43,398	384,497	19.2	44,087	391,964	22.0	50,516	439,447
2030	237,082	18.9	44,808	385,231	19.2	45,520	392,712	22.0	52,158	440,286

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 Fordland - General

Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS)

(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	
2021	\$ 177,781	7.6%	\$13,511	\$ 204,229	10.8%	\$19,200	\$ 255,296	9.2%	\$16,356	\$ 231,954
2022	183,559	7.6	13,950	207,027	10.8	19,824	258,794	9.2	16,887	235,132
2023	189,525	7.6	14,404	209,637	10.8	20,469	262,057	9.2	17,436	238,097
2024	195,685	7.6	14,872	212,034	10.8	21,134	265,053	9.2	18,003	240,819
2025	202,045	7.6	15,355	214,188	10.8	21,821	267,746	9.2	18,588	243,266
2026	208,611	7.6	15,854	216,069	10.8	22,530	270,097	9.2	19,192	245,402
2027	215,391	7.6	16,370	217,643	10.8	23,262	272,064	9.2	19,816	247,190
2028	222,391	7.6	16,902	218,873	10.8	24,018	273,602	9.2	20,460	248,587
2029	229,619	7.6	17,451	219,719	10.8	24,799	274,660	9.2	21,125	249,548
2030	237,082	7.6	18,018	220,139	10.8	25,605	275,184	9.2	21,812	250,025

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	
2021	\$ 177,781	11.9%	\$21,156	\$ 276,081	13.9%	\$24,712	\$ 306,371	14.6%	\$25,956	\$ 320,242
2022	183,559	11.9	21,844	279,863	13.9	25,515	310,568	14.6	26,800	324,629
2023	189,525	11.9	22,553	283,392	13.9	26,344	314,484	14.6	27,671	328,722
2024	195,685	11.9	23,287	286,632	13.9	27,200	318,079	14.6	28,570	332,480
2025	202,045	11.9	24,043	289,544	13.9	28,084	321,311	14.6	29,499	335,858
2026	208,611	11.9	24,825	292,087	13.9	28,997	324,133	14.6	30,457	338,808
2027	215,391	11.9	25,632	294,215	13.9	29,939	326,494	14.6	31,447	341,276
2028	222,391	11.9	26,465	295,878	13.9	30,912	328,339	14.6	32,469	343,205
2029	229,619	11.9	27,325	297,022	13.9	31,917	329,609	14.6	33,524	344,532
2030	237,082	11.9	28,213	297,589	13.9	32,954	330,238	14.6	34,614	345,190

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	
2021	\$ 177,781	17.0%	\$30,223	\$ 357,389	17.3%	\$30,756	\$ 364,329	20.1%	\$35,734	\$ 408,464
2022	183,559	17.0	31,205	362,285	17.3	31,756	369,320	20.1	36,895	414,060
2023	189,525	17.0	32,219	366,853	17.3	32,788	373,977	20.1	38,095	419,281
2024	195,685	17.0	33,266	371,047	17.3	33,854	378,253	20.1	39,333	424,075
2025	202,045	17.0	34,348	374,817	17.3	34,954	382,096	20.1	40,611	428,384
2026	208,611	17.0	35,464	378,109	17.3	36,090	385,452	20.1	41,931	432,146
2027	215,391	17.0	36,616	380,863	17.3	37,263	388,260	20.1	43,294	435,294
2028	222,391	17.0	37,806	383,016	17.3	38,474	390,454	20.1	44,701	437,754
2029	229,619	17.0	39,035	384,497	17.3	39,724	391,964	20.1	46,153	439,447
2030	237,082	17.0	40,304	385,231	17.3	41,015	392,712	20.1	47,653	440,286

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 Fordland - General

Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

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
2021	\$ 177,781	13.7%	\$24,356	\$ 211,178	17.0%	\$30,223	\$ 263,991	15.4%	\$27,378	\$ 239,885
2022	183,559	13.7	25,148	214,071	17.0	31,205	267,608	15.4	28,268	243,171
2023	189,525	13.7	25,965	216,770	17.0	32,219	270,982	15.4	29,187	246,237
2024	195,685	13.7	26,809	219,248	17.0	33,266	274,080	15.4	30,135	249,052
2025	202,045	13.7	27,680	221,476	17.0	34,348	276,865	15.4	31,115	251,583
2026	208,611	13.7	28,580	223,421	17.0	35,464	279,297	15.4	32,126	253,792
2027	215,391	13.7	29,509	225,048	17.0	36,616	281,331	15.4	33,170	255,641
2028	222,391	13.7	30,468	226,320	17.0	37,806	282,921	15.4	34,248	257,086
2029	229,619	13.7	31,458	227,195	17.0	39,035	284,015	15.4	35,361	258,080
2030	237,082	13.7	32,480	227,629	17.0	40,304	284,557	15.4	36,511	258,573

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
2021	\$ 177,781	18.2%	\$32,356	\$ 285,518	20.2%	\$35,912	\$ 316,787	21.0%	\$37,334	\$ 331,141
2022	183,559	18.2	33,408	289,430	20.2	37,079	321,127	21.0	38,547	335,678
2023	189,525	18.2	34,494	293,080	20.2	38,284	325,176	21.0	39,800	339,911
2024	195,685	18.2	35,615	296,431	20.2	39,528	328,894	21.0	41,094	343,797
2025	202,045	18.2	36,772	299,443	20.2	40,813	332,236	21.0	42,429	347,290
2026	208,611	18.2	37,967	302,073	20.2	42,139	335,154	21.0	43,808	350,340
2027	215,391	18.2	39,201	304,273	20.2	43,509	337,595	21.0	45,232	352,892
2028	222,391	18.2	40,475	305,993	20.2	44,923	339,503	21.0	46,702	354,886
2029	229,619	18.2	41,791	307,176	20.2	46,383	340,816	21.0	48,220	356,258
2030	237,082	18.2	43,149	307,763	20.2	47,891	341,467	21.0	49,787	356,938

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
2021	\$ 177,781	23.4%	\$41,601	\$ 369,597	23.8%	\$42,312	\$ 376,762	26.7%	\$47,468	\$ 422,393
2022	183,559	23.4	42,953	374,660	23.8	43,687	381,924	26.7	49,010	428,180
2023	189,525	23.4	44,349	379,384	23.8	45,107	386,740	26.7	50,603	433,579
2024	195,685	23.4	45,790	383,721	23.8	46,573	391,162	26.7	52,248	438,536
2025	202,045	23.4	47,279	387,620	23.8	48,087	395,137	26.7	53,946	442,992
2026	208,611	23.4	48,815	391,024	23.8	49,649	398,607	26.7	55,699	446,883
2027	215,391	23.4	50,401	393,872	23.8	51,263	401,511	26.7	57,509	450,138
2028	222,391	23.4	52,039	396,098	23.8	52,929	403,780	26.7	59,378	452,682
2029	229,619	23.4	53,731	397,630	23.8	54,649	405,341	26.7	61,308	454,433
2030	237,082	23.4	55,477	398,389	23.8	56,426	406,115	26.7	63,301	455,301

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 Fordland - General

Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS)

(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	
2021	\$ 177,781	11.8%	\$20,978	\$ 211,178	15.1%	\$26,845	\$ 263,991	13.5%	\$24,000	\$ 239,885
2022	183,559	11.8	21,660	214,071	15.1	27,717	267,608	13.5	24,780	243,171
2023	189,525	11.8	22,364	216,770	15.1	28,618	270,982	13.5	25,586	246,237
2024	195,685	11.8	23,091	219,248	15.1	29,548	274,080	13.5	26,417	249,052
2025	202,045	11.8	23,841	221,476	15.1	30,509	276,865	13.5	27,276	251,583
2026	208,611	11.8	24,616	223,421	15.1	31,500	279,297	13.5	28,162	253,792
2027	215,391	11.8	25,416	225,048	15.1	32,524	281,331	13.5	29,078	255,641
2028	222,391	11.8	26,242	226,320	15.1	33,581	282,921	13.5	30,023	257,086
2029	229,619	11.8	27,095	227,195	15.1	34,672	284,015	13.5	30,999	258,080
2030	237,082	11.8	27,976	227,629	15.1	35,799	284,557	13.5	32,006	258,573

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	
2021	\$ 177,781	16.3%	\$28,978	\$ 285,518	18.3%	\$32,534	\$ 316,787	19.1%	\$33,956	\$ 331,141
2022	183,559	16.3	29,920	289,430	18.3	33,591	321,127	19.1	35,060	335,678
2023	189,525	16.3	30,893	293,080	18.3	34,683	325,176	19.1	36,199	339,911
2024	195,685	16.3	31,897	296,431	18.3	35,810	328,894	19.1	37,376	343,797
2025	202,045	16.3	32,933	299,443	18.3	36,974	332,236	19.1	38,591	347,290
2026	208,611	16.3	34,004	302,073	18.3	38,176	335,154	19.1	39,845	350,340
2027	215,391	16.3	35,109	304,273	18.3	39,417	337,595	19.1	41,140	352,892
2028	222,391	16.3	36,250	305,993	18.3	40,698	339,503	19.1	42,477	354,886
2029	229,619	16.3	37,428	307,176	18.3	42,020	340,816	19.1	43,857	356,258
2030	237,082	16.3	38,644	307,763	18.3	43,386	341,467	19.1	45,283	356,938

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	
2021	\$ 177,781	21.5%	\$38,223	\$ 369,597	21.9%	\$38,934	\$ 376,762	24.8%	\$44,090	\$ 422,393
2022	183,559	21.5	39,465	374,660	21.9	40,199	381,924	24.8	45,523	428,180
2023	189,525	21.5	40,748	379,384	21.9	41,506	386,740	24.8	47,002	433,579
2024	195,685	21.5	42,072	383,721	21.9	42,855	391,162	24.8	48,530	438,536
2025	202,045	21.5	43,440	387,620	21.9	44,248	395,137	24.8	50,107	442,992
2026	208,611	21.5	44,851	391,024	21.9	45,686	398,607	24.8	51,736	446,883
2027	215,391	21.5	46,309	393,872	21.9	47,171	401,511	24.8	53,417	450,138
2028	222,391	21.5	47,814	396,098	21.9	48,704	403,780	24.8	55,153	452,682
2029	229,619	21.5	49,368	397,630	21.9	50,287	405,341	24.8	56,946	454,433
2030	237,082	21.5	50,973	398,389	21.9	51,921	406,115	24.8	58,796	455,301

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 Fordland - General

Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS)

(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	
2021	\$ 177,781	9.9%	\$17,600	\$ 211,178	13.2%	\$23,467	\$ 263,991	11.6%	\$20,623	\$ 239,885
2022	183,559	9.9	18,172	214,071	13.2	24,230	267,608	11.6	21,293	243,171
2023	189,525	9.9	18,763	216,770	13.2	25,017	270,982	11.6	21,985	246,237
2024	195,685	9.9	19,373	219,248	13.2	25,830	274,080	11.6	22,699	249,052
2025	202,045	9.9	20,002	221,476	13.2	26,670	276,865	11.6	23,437	251,583
2026	208,611	9.9	20,652	223,421	13.2	27,537	279,297	11.6	24,199	253,792
2027	215,391	9.9	21,324	225,048	13.2	28,432	281,331	11.6	24,985	255,641
2028	222,391	9.9	22,017	226,320	13.2	29,356	282,921	11.6	25,797	257,086
2029	229,619	9.9	22,732	227,195	13.2	30,310	284,015	11.6	26,636	258,080
2030	237,082	9.9	23,471	227,629	13.2	31,295	284,557	11.6	27,502	258,573

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	
2021	\$ 177,781	14.4%	\$25,600	\$ 285,518	16.4%	\$29,156	\$ 316,787	17.2%	\$30,578	\$ 331,141
2022	183,559	14.4	26,432	289,430	16.4	30,104	321,127	17.2	31,572	335,678
2023	189,525	14.4	27,292	293,080	16.4	31,082	325,176	17.2	32,598	339,911
2024	195,685	14.4	28,179	296,431	16.4	32,092	328,894	17.2	33,658	343,797
2025	202,045	14.4	29,094	299,443	16.4	33,135	332,236	17.2	34,752	347,290
2026	208,611	14.4	30,040	302,073	16.4	34,212	335,154	17.2	35,881	350,340
2027	215,391	14.4	31,016	304,273	16.4	35,324	337,595	17.2	37,047	352,892
2028	222,391	14.4	32,024	305,993	16.4	36,472	339,503	17.2	38,251	354,886
2029	229,619	14.4	33,065	307,176	16.4	37,658	340,816	17.2	39,494	356,258
2030	237,082	14.4	34,140	307,763	16.4	38,881	341,467	17.2	40,778	356,938

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	
2021	\$ 177,781	19.6%	\$34,845	\$ 369,597	20.0%	\$35,556	\$ 376,762	22.9%	\$40,712	\$ 422,393
2022	183,559	19.6	35,978	374,660	20.0	36,712	381,924	22.9	42,035	428,180
2023	189,525	19.6	37,147	379,384	20.0	37,905	386,740	22.9	43,401	433,579
2024	195,685	19.6	38,354	383,721	20.0	39,137	391,162	22.9	44,812	438,536
2025	202,045	19.6	39,601	387,620	20.0	40,409	395,137	22.9	46,268	442,992
2026	208,611	19.6	40,888	391,024	20.0	41,722	398,607	22.9	47,772	446,883
2027	215,391	19.6	42,217	393,872	20.0	43,078	401,511	22.9	49,325	450,138
2028	222,391	19.6	43,589	396,098	20.0	44,478	403,780	22.9	50,928	452,682
2029	229,619	19.6	45,005	397,630	20.0	45,924	405,341	22.9	52,583	454,433
2030	237,082	19.6	46,468	398,389	20.0	47,416	406,115	22.9	54,292	455,301

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 Fordland - General

Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS)

(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
2021	\$ 177,781	8.0%	\$14,222	\$ 211,178	11.3%	\$20,089	\$ 263,991	9.7%	\$17,245	\$ 239,885
2022	183,559	8.0	14,685	214,071	11.3	20,742	267,608	9.7	17,805	243,171
2023	189,525	8.0	15,162	216,770	11.3	21,416	270,982	9.7	18,384	246,237
2024	195,685	8.0	15,655	219,248	11.3	22,112	274,080	9.7	18,981	249,052
2025	202,045	8.0	16,164	221,476	11.3	22,831	276,865	9.7	19,598	251,583
2026	208,611	8.0	16,689	223,421	11.3	23,573	279,297	9.7	20,235	253,792
2027	215,391	8.0	17,231	225,048	11.3	24,339	281,331	9.7	20,893	255,641
2028	222,391	8.0	17,791	226,320	11.3	25,130	282,921	9.7	21,572	257,086
2029	229,619	8.0	18,370	227,195	11.3	25,947	284,015	9.7	22,273	258,080
2030	237,082	8.0	18,967	227,629	11.3	26,790	284,557	9.7	22,997	258,573

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
2021	\$ 177,781	12.5%	\$22,223	\$ 285,518	14.5%	\$25,778	\$ 316,787	15.3%	\$27,200	\$ 331,141
2022	183,559	12.5	22,945	289,430	14.5	26,616	321,127	15.3	28,085	335,678
2023	189,525	12.5	23,691	293,080	14.5	27,481	325,176	15.3	28,997	339,911
2024	195,685	12.5	24,461	296,431	14.5	28,374	328,894	15.3	29,940	343,797
2025	202,045	12.5	25,256	299,443	14.5	29,297	332,236	15.3	30,913	347,290
2026	208,611	12.5	26,076	302,073	14.5	30,249	335,154	15.3	31,917	350,340
2027	215,391	12.5	26,924	304,273	14.5	31,232	337,595	15.3	32,955	352,892
2028	222,391	12.5	27,799	305,993	14.5	32,247	339,503	15.3	34,026	354,886
2029	229,619	12.5	28,702	307,176	14.5	33,295	340,816	15.3	35,132	356,258
2030	237,082	12.5	29,635	307,763	14.5	34,377	341,467	15.3	36,274	356,938

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
2021	\$ 177,781	17.7%	\$31,467	\$ 369,597	18.1%	\$32,178	\$ 376,762	21.0%	\$37,334	\$ 422,393
2022	183,559	17.7	32,490	374,660	18.1	33,224	381,924	21.0	38,547	428,180
2023	189,525	17.7	33,546	379,384	18.1	34,304	386,740	21.0	39,800	433,579
2024	195,685	17.7	34,636	383,721	18.1	35,419	391,162	21.0	41,094	438,536
2025	202,045	17.7	35,762	387,620	18.1	36,570	395,137	21.0	42,429	442,992
2026	208,611	17.7	36,924	391,024	18.1	37,759	398,607	21.0	43,808	446,883
2027	215,391	17.7	38,124	393,872	18.1	38,986	401,511	21.0	45,232	450,138
2028	222,391	17.7	39,363	396,098	18.1	40,253	403,780	21.0	46,702	452,682
2029	229,619	17.7	40,643	397,630	18.1	41,561	405,341	21.0	48,220	454,433
2030	237,082	17.7	41,964	398,389	18.1	42,912	406,115	21.0	49,787	455,301

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 Fordland - General

Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

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
2021	\$ 177,781	14.3%	\$25,423	\$ 223,985	17.6%	\$31,289	\$ 279,998	17.0%	\$30,223	\$ 275,207
2022	183,559	14.3	26,249	227,054	17.6	32,306	283,834	17.0	31,205	278,977
2023	189,525	14.3	27,102	229,917	17.6	33,356	287,413	17.0	32,219	282,495
2024	195,685	14.3	27,983	232,546	17.6	34,441	290,699	17.0	33,266	285,725
2025	202,045	14.3	28,892	234,909	17.6	35,560	293,653	17.0	34,348	288,628
2026	208,611	14.3	29,831	236,972	17.6	36,716	296,232	17.0	35,464	291,163
2027	215,391	14.3	30,801	238,698	17.6	37,909	298,390	17.0	36,616	293,284
2028	222,391	14.3	31,802	240,047	17.6	39,141	300,076	17.0	37,806	294,942
2029	229,619	14.3	32,836	240,975	17.6	40,413	301,236	17.0	39,035	296,083
2030	237,082	14.3	33,903	241,435	17.6	41,726	301,811	17.0	40,304	296,648

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
2021	\$ 177,781	19.8%	\$35,201	\$ 318,418	21.0%	\$37,334	\$ 335,997	22.3%	\$39,645	\$ 361,597
2022	183,559	19.8	36,345	322,780	21.0	38,547	340,600	22.3	40,934	366,551
2023	189,525	19.8	37,526	326,850	21.0	39,800	344,895	22.3	42,264	371,173
2024	195,685	19.8	38,746	330,587	21.0	41,094	348,838	22.3	43,638	375,417
2025	202,045	19.8	40,005	333,946	21.0	42,429	352,383	22.3	45,056	379,232
2026	208,611	19.8	41,305	336,879	21.0	43,808	355,478	22.3	46,520	382,563
2027	215,391	19.8	42,647	339,333	21.0	45,232	358,067	22.3	48,032	385,350
2028	222,391	19.8	44,033	341,251	21.0	46,702	360,091	22.3	49,593	387,528
2029	229,619	19.8	45,465	342,571	21.0	48,220	361,483	22.3	51,205	389,027
2030	237,082	19.8	46,942	343,225	21.0	49,787	362,173	22.3	52,869	389,770

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
2021	\$ 177,781	24.4%	\$43,379	\$ 391,977	25.0%	\$44,445	\$ 404,783	27.8%	\$49,423	\$ 447,964
2022	183,559	24.4	44,788	397,347	25.0	45,890	410,328	27.8	51,029	454,101
2023	189,525	24.4	46,244	402,357	25.0	47,381	415,502	27.8	52,688	459,827
2024	195,685	24.4	47,747	406,957	25.0	48,921	420,252	27.8	54,400	465,084
2025	202,045	24.4	49,299	411,092	25.0	50,511	424,522	27.8	56,169	469,810
2026	208,611	24.4	50,901	414,702	25.0	52,153	428,250	27.8	57,994	473,936
2027	215,391	24.4	52,555	417,723	25.0	53,848	431,370	27.8	59,879	477,388
2028	222,391	24.4	54,263	420,084	25.0	55,598	433,808	27.8	61,825	480,086
2029	229,619	24.4	56,027	421,708	25.0	57,405	435,486	27.8	63,834	481,943
2030	237,082	24.4	57,848	422,513	25.0	59,271	436,318	27.8	65,909	482,863

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 Fordland - General

Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS)

(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
2021	\$ 177,781	12.4%	\$22,045	\$ 223,985	15.7%	\$27,912	\$ 279,998	15.1%	\$26,845	\$ 275,207
2022	183,559	12.4	22,761	227,054	15.7	28,819	283,834	15.1	27,717	278,977
2023	189,525	12.4	23,501	229,917	15.7	29,755	287,413	15.1	28,618	282,495
2024	195,685	12.4	24,265	232,546	15.7	30,723	290,699	15.1	29,548	285,725
2025	202,045	12.4	25,054	234,909	15.7	31,721	293,653	15.1	30,509	288,628
2026	208,611	12.4	25,868	236,972	15.7	32,752	296,232	15.1	31,500	291,163
2027	215,391	12.4	26,708	238,698	15.7	33,816	298,390	15.1	32,524	293,284
2028	222,391	12.4	27,576	240,047	15.7	34,915	300,076	15.1	33,581	294,942
2029	229,619	12.4	28,473	240,975	15.7	36,050	301,236	15.1	34,672	296,083
2030	237,082	12.4	29,398	241,435	15.7	37,222	301,811	15.1	35,799	296,648

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
2021	\$ 177,781	17.9%	\$31,823	\$ 318,418	19.1%	\$33,956	\$ 335,997	20.4%	\$36,267	\$ 361,597
2022	183,559	17.9	32,857	322,780	19.1	35,060	340,600	20.4	37,446	366,551
2023	189,525	17.9	33,925	326,850	19.1	36,199	344,895	20.4	38,663	371,173
2024	195,685	17.9	35,028	330,587	19.1	37,376	348,838	20.4	39,920	375,417
2025	202,045	17.9	36,166	333,946	19.1	38,591	352,383	20.4	41,217	379,232
2026	208,611	17.9	37,341	336,879	19.1	39,845	355,478	20.4	42,557	382,563
2027	215,391	17.9	38,555	339,333	19.1	41,140	358,067	20.4	43,940	385,350
2028	222,391	17.9	39,808	341,251	19.1	42,477	360,091	20.4	45,368	387,528
2029	229,619	17.9	41,102	342,571	19.1	43,857	361,483	20.4	46,842	389,027
2030	237,082	17.9	42,438	343,225	19.1	45,283	362,173	20.4	48,365	389,770

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
2021	\$ 177,781	22.5%	\$40,001	\$ 391,977	23.1%	\$41,067	\$ 404,783	25.9%	\$46,045	\$ 447,964
2022	183,559	22.5	41,301	397,347	23.1	42,402	410,328	25.9	47,542	454,101
2023	189,525	22.5	42,643	402,357	23.1	43,780	415,502	25.9	49,087	459,827
2024	195,685	22.5	44,029	406,957	23.1	45,203	420,252	25.9	50,682	465,084
2025	202,045	22.5	45,460	411,092	23.1	46,672	424,522	25.9	52,330	469,810
2026	208,611	22.5	46,937	414,702	23.1	48,189	428,250	25.9	54,030	473,936
2027	215,391	22.5	48,463	417,723	23.1	49,755	431,370	25.9	55,786	477,388
2028	222,391	22.5	50,038	420,084	23.1	51,372	433,808	25.9	57,599	480,086
2029	229,619	22.5	51,664	421,708	23.1	53,042	435,486	25.9	59,471	481,943
2030	237,082	22.5	53,343	422,513	23.1	54,766	436,318	25.9	61,404	482,863

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 Fordland - General

Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS)

(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
2021	\$ 177,781	10.5%	\$18,667	\$ 223,985	13.8%	\$24,534	\$ 279,998	13.2%	\$23,467	\$ 275,207
2022	183,559	10.5	19,274	227,054	13.8	25,331	283,834	13.2	24,230	278,977
2023	189,525	10.5	19,900	229,917	13.8	26,154	287,413	13.2	25,017	282,495
2024	195,685	10.5	20,547	232,546	13.8	27,005	290,699	13.2	25,830	285,725
2025	202,045	10.5	21,215	234,909	13.8	27,882	293,653	13.2	26,670	288,628
2026	208,611	10.5	21,904	236,972	13.8	28,788	296,232	13.2	27,537	291,163
2027	215,391	10.5	22,616	238,698	13.8	29,724	298,390	13.2	28,432	293,284
2028	222,391	10.5	23,351	240,047	13.8	30,690	300,076	13.2	29,356	294,942
2029	229,619	10.5	24,110	240,975	13.8	31,687	301,236	13.2	30,310	296,083
2030	237,082	10.5	24,894	241,435	13.8	32,717	301,811	13.2	31,295	296,648

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
2021	\$ 177,781	16.0%	\$28,445	\$ 318,418	17.2%	\$30,578	\$ 335,997	18.5%	\$32,889	\$ 361,597
2022	183,559	16.0	29,369	322,780	17.2	31,572	340,600	18.5	33,958	366,551
2023	189,525	16.0	30,324	326,850	17.2	32,598	344,895	18.5	35,062	371,173
2024	195,685	16.0	31,310	330,587	17.2	33,658	348,838	18.5	36,202	375,417
2025	202,045	16.0	32,327	333,946	17.2	34,752	352,383	18.5	37,378	379,232
2026	208,611	16.0	33,378	336,879	17.2	35,881	355,478	18.5	38,593	382,563
2027	215,391	16.0	34,463	339,333	17.2	37,047	358,067	18.5	39,847	385,350
2028	222,391	16.0	35,583	341,251	17.2	38,251	360,091	18.5	41,142	387,528
2029	229,619	16.0	36,739	342,571	17.2	39,494	361,483	18.5	42,480	389,027
2030	237,082	16.0	37,933	343,225	17.2	40,778	362,173	18.5	43,860	389,770

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
2021	\$ 177,781	20.6%	\$36,623	\$ 391,977	21.2%	\$37,690	\$ 404,783	24.0%	\$42,667	\$ 447,964
2022	183,559	20.6	37,813	397,347	21.2	38,915	410,328	24.0	44,054	454,101
2023	189,525	20.6	39,042	402,357	21.2	40,179	415,502	24.0	45,486	459,827
2024	195,685	20.6	40,311	406,957	21.2	41,485	420,252	24.0	46,964	465,084
2025	202,045	20.6	41,621	411,092	21.2	42,834	424,522	24.0	48,491	469,810
2026	208,611	20.6	42,974	414,702	21.2	44,226	428,250	24.0	50,067	473,936
2027	215,391	20.6	44,371	417,723	21.2	45,663	431,370	24.0	51,694	477,388
2028	222,391	20.6	45,813	420,084	21.2	47,147	433,808	24.0	53,374	480,086
2029	229,619	20.6	47,302	421,708	21.2	48,679	435,486	24.0	55,109	481,943
2030	237,082	20.6	48,839	422,513	21.2	50,261	436,318	24.0	56,900	482,863

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 Fordland - General

Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS)

(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
2021	\$ 177,781	8.6%	\$15,289	\$ 223,985	11.9%	\$21,156	\$ 279,998	11.3%	\$20,089	\$ 275,207
2022	183,559	8.6	15,786	227,054	11.9	21,844	283,834	11.3	20,742	278,977
2023	189,525	8.6	16,299	229,917	11.9	22,553	287,413	11.3	21,416	282,495
2024	195,685	8.6	16,829	232,546	11.9	23,287	290,699	11.3	22,112	285,725
2025	202,045	8.6	17,376	234,909	11.9	24,043	293,653	11.3	22,831	288,628
2026	208,611	8.6	17,941	236,972	11.9	24,825	296,232	11.3	23,573	291,163
2027	215,391	8.6	18,524	238,698	11.9	25,632	298,390	11.3	24,339	293,284
2028	222,391	8.6	19,126	240,047	11.9	26,465	300,076	11.3	25,130	294,942
2029	229,619	8.6	19,747	240,975	11.9	27,325	301,236	11.3	25,947	296,083
2030	237,082	8.6	20,389	241,435	11.9	28,213	301,811	11.3	26,790	296,648

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
2021	\$ 177,781	14.1%	\$25,067	\$ 318,418	15.3%	\$27,200	\$ 335,997	16.6%	\$29,512	\$ 361,597
2022	183,559	14.1	25,882	322,780	15.3	28,085	340,600	16.6	30,471	366,551
2023	189,525	14.1	26,723	326,850	15.3	28,997	344,895	16.6	31,461	371,173
2024	195,685	14.1	27,592	330,587	15.3	29,940	348,838	16.6	32,484	375,417
2025	202,045	14.1	28,488	333,946	15.3	30,913	352,383	16.6	33,539	379,232
2026	208,611	14.1	29,414	336,879	15.3	31,917	355,478	16.6	34,629	382,563
2027	215,391	14.1	30,370	339,333	15.3	32,955	358,067	16.6	35,755	385,350
2028	222,391	14.1	31,357	341,251	15.3	34,026	360,091	16.6	36,917	387,528
2029	229,619	14.1	32,376	342,571	15.3	35,132	361,483	16.6	38,117	389,027
2030	237,082	14.1	33,429	343,225	15.3	36,274	362,173	16.6	39,356	389,770

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
2021	\$ 177,781	18.7%	\$33,245	\$ 391,977	19.3%	\$34,312	\$ 404,783	22.1%	\$39,290	\$ 447,964
2022	183,559	18.7	34,326	397,347	19.3	35,427	410,328	22.1	40,567	454,101
2023	189,525	18.7	35,441	402,357	19.3	36,578	415,502	22.1	41,885	459,827
2024	195,685	18.7	36,593	406,957	19.3	37,767	420,252	22.1	43,246	465,084
2025	202,045	18.7	37,782	411,092	19.3	38,995	424,522	22.1	44,652	469,810
2026	208,611	18.7	39,010	414,702	19.3	40,262	428,250	22.1	46,103	473,936
2027	215,391	18.7	40,278	417,723	19.3	41,570	431,370	22.1	47,601	477,388
2028	222,391	18.7	41,587	420,084	19.3	42,921	433,808	22.1	49,148	480,086
2029	229,619	18.7	42,939	421,708	19.3	44,316	435,486	22.1	50,746	481,943
2030	237,082	18.7	44,334	422,513	19.3	45,757	436,318	22.1	52,395	482,863

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 Fordland - General

Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

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
2021	\$ 177,781	14.8%	\$26,312	\$ 231,742	18.2%	\$32,356	\$ 289,685	17.6%	\$31,289	\$ 284,773
2022	183,559	14.8	27,167	234,917	18.2	33,408	293,654	17.6	32,306	288,674
2023	189,525	14.8	28,050	237,879	18.2	34,494	297,357	17.6	33,356	292,314
2024	195,685	14.8	28,961	240,599	18.2	35,615	300,757	17.6	34,441	295,656
2025	202,045	14.8	29,903	243,044	18.2	36,772	303,813	17.6	35,560	298,660
2026	208,611	14.8	30,874	245,178	18.2	37,967	306,481	17.6	36,716	301,283
2027	215,391	14.8	31,878	246,964	18.2	39,201	308,714	17.6	37,909	303,478
2028	222,391	14.8	32,914	248,360	18.2	40,475	310,459	17.6	39,141	305,193
2029	229,619	14.8	33,984	249,320	18.2	41,791	311,660	17.6	40,413	306,373
2030	237,082	14.8	35,088	249,796	18.2	43,149	312,255	17.6	41,726	306,958

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
2021	\$ 177,781	20.4%	\$36,267	\$ 329,466	21.7%	\$38,578	\$ 347,634	23.0%	\$40,890	\$ 374,145
2022	183,559	20.4	37,446	333,980	21.7	39,832	352,397	23.0	42,219	379,271
2023	189,525	20.4	38,663	338,191	21.7	41,127	356,841	23.0	43,591	384,053
2024	195,685	20.4	39,920	342,058	21.7	42,464	360,921	23.0	45,008	388,444
2025	202,045	20.4	41,217	345,534	21.7	43,844	364,588	23.0	46,470	392,391
2026	208,611	20.4	42,557	348,569	21.7	45,269	367,790	23.0	47,981	395,837
2027	215,391	20.4	43,940	351,108	21.7	46,740	370,469	23.0	49,540	398,720
2028	222,391	20.4	45,368	353,092	21.7	48,259	372,563	23.0	51,150	400,973
2029	229,619	20.4	46,842	354,457	21.7	49,827	374,004	23.0	52,812	402,524
2030	237,082	20.4	48,365	355,134	21.7	51,447	374,718	23.0	54,529	403,293

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
2021	\$ 177,781	25.2%	\$44,801	\$ 405,575	25.9%	\$46,045	\$ 418,836	28.7%	\$51,023	\$ 463,484
2022	183,559	25.2	46,257	411,131	25.9	47,542	424,574	28.7	52,681	469,834
2023	189,525	25.2	47,760	416,315	25.9	49,087	429,928	28.7	54,394	475,758
2024	195,685	25.2	49,313	421,075	25.9	50,682	434,843	28.7	56,162	481,197
2025	202,045	25.2	50,915	425,354	25.9	52,330	439,261	28.7	57,987	486,086
2026	208,611	25.2	52,570	429,090	25.9	54,030	443,119	28.7	59,871	490,355
2027	215,391	25.2	54,279	432,216	25.9	55,786	446,347	28.7	61,817	493,927
2028	222,391	25.2	56,043	434,659	25.9	57,599	448,870	28.7	63,826	496,719
2029	229,619	25.2	57,864	436,340	25.9	59,471	450,606	28.7	65,901	498,640
2030	237,082	25.2	59,745	437,173	25.9	61,404	451,466	28.7	68,043	499,592

Notes regarding the above projections:

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



City of Fordland - General

Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS)

(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 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	
2021	\$ 177,781	12.9%	\$22,934	\$ 231,742	16.3%	\$28,978	\$ 289,685	15.7%	\$27,912	\$ 284,773
2022	183,559	12.9	23,679	234,917	16.3	29,920	293,654	15.7	28,819	288,674
2023	189,525	12.9	24,449	237,879	16.3	30,893	297,357	15.7	29,755	292,314
2024	195,685	12.9	25,243	240,599	16.3	31,897	300,757	15.7	30,723	295,656
2025	202,045	12.9	26,064	243,044	16.3	32,933	303,813	15.7	31,721	298,660
2026	208,611	12.9	26,911	245,178	16.3	34,004	306,481	15.7	32,752	301,283
2027	215,391	12.9	27,785	246,964	16.3	35,109	308,714	15.7	33,816	303,478
2028	222,391	12.9	28,688	248,360	16.3	36,250	310,459	15.7	34,915	305,193
2029	229,619	12.9	29,621	249,320	16.3	37,428	311,660	15.7	36,050	306,373
2030	237,082	12.9	30,584	249,796	16.3	38,644	312,255	15.7	37,222	306,958

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	
2021	\$ 177,781	18.5%	\$32,889	\$ 329,466	19.8%	\$35,201	\$ 347,634	21.1%	\$37,512	\$ 374,145
2022	183,559	18.5	33,958	333,980	19.8	36,345	352,397	21.1	38,731	379,271
2023	189,525	18.5	35,062	338,191	19.8	37,526	356,841	21.1	39,990	384,053
2024	195,685	18.5	36,202	342,058	19.8	38,746	360,921	21.1	41,290	388,444
2025	202,045	18.5	37,378	345,534	19.8	40,005	364,588	21.1	42,631	392,391
2026	208,611	18.5	38,593	348,569	19.8	41,305	367,790	21.1	44,017	395,837
2027	215,391	18.5	39,847	351,108	19.8	42,647	370,469	21.1	45,448	398,720
2028	222,391	18.5	41,142	353,092	19.8	44,033	372,563	21.1	46,925	400,973
2029	229,619	18.5	42,480	354,457	19.8	45,465	374,004	21.1	48,450	402,524
2030	237,082	18.5	43,860	355,134	19.8	46,942	374,718	21.1	50,024	403,293

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	
2021	\$ 177,781	23.3%	\$41,423	\$ 405,575	24.0%	\$42,667	\$ 418,836	26.8%	\$47,645	\$ 463,484
2022	183,559	23.3	42,769	411,131	24.0	44,054	424,574	26.8	49,194	469,834
2023	189,525	23.3	44,159	416,315	24.0	45,486	429,928	26.8	50,793	475,758
2024	195,685	23.3	45,595	421,075	24.0	46,964	434,843	26.8	52,444	481,197
2025	202,045	23.3	47,076	425,354	24.0	48,491	439,261	26.8	54,148	486,086
2026	208,611	23.3	48,606	429,090	24.0	50,067	443,119	26.8	55,908	490,355
2027	215,391	23.3	50,186	432,216	24.0	51,694	446,347	26.8	57,725	493,927
2028	222,391	23.3	51,817	434,659	24.0	53,374	448,870	26.8	59,601	496,719
2029	229,619	23.3	53,501	436,340	24.0	55,109	450,606	26.8	61,538	498,640
2030	237,082	23.3	55,240	437,173	24.0	56,900	451,466	26.8	63,538	499,592

Notes regarding the above projections:

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



City of Fordland - General

Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS)

(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
2021	\$ 177,781	11.0%	\$19,556	\$ 231,742	14.4%	\$25,600	\$ 289,685	13.8%	\$24,534	\$ 284,773
2022	183,559	11.0	20,191	234,917	14.4	26,432	293,654	13.8	25,331	288,674
2023	189,525	11.0	20,848	237,879	14.4	27,292	297,357	13.8	26,154	292,314
2024	195,685	11.0	21,525	240,599	14.4	28,179	300,757	13.8	27,005	295,656
2025	202,045	11.0	22,225	243,044	14.4	29,094	303,813	13.8	27,882	298,660
2026	208,611	11.0	22,947	245,178	14.4	30,040	306,481	13.8	28,788	301,283
2027	215,391	11.0	23,693	246,964	14.4	31,016	308,714	13.8	29,724	303,478
2028	222,391	11.0	24,463	248,360	14.4	32,024	310,459	13.8	30,690	305,193
2029	229,619	11.0	25,258	249,320	14.4	33,065	311,660	13.8	31,687	306,373
2030	237,082	11.0	26,079	249,796	14.4	34,140	312,255	13.8	32,717	306,958

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
2021	\$ 177,781	16.6%	\$29,512	\$ 329,466	17.9%	\$31,823	\$ 347,634	19.2%	\$34,134	\$ 374,145
2022	183,559	16.6	30,471	333,980	17.9	32,857	352,397	19.2	35,243	379,271
2023	189,525	16.6	31,461	338,191	17.9	33,925	356,841	19.2	36,389	384,053
2024	195,685	16.6	32,484	342,058	17.9	35,028	360,921	19.2	37,572	388,444
2025	202,045	16.6	33,539	345,534	17.9	36,166	364,588	19.2	38,793	392,391
2026	208,611	16.6	34,629	348,569	17.9	37,341	367,790	19.2	40,053	395,837
2027	215,391	16.6	35,755	351,108	17.9	38,555	370,469	19.2	41,355	398,720
2028	222,391	16.6	36,917	353,092	17.9	39,808	372,563	19.2	42,699	400,973
2029	229,619	16.6	38,117	354,457	17.9	41,102	374,004	19.2	44,087	402,524
2030	237,082	16.6	39,356	355,134	17.9	42,438	374,718	19.2	45,520	403,293

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
2021	\$ 177,781	21.4%	\$38,045	\$ 405,575	22.1%	\$39,290	\$ 418,836	24.9%	\$44,267	\$ 463,484
2022	183,559	21.4	39,282	411,131	22.1	40,567	424,574	24.9	45,706	469,834
2023	189,525	21.4	40,558	416,315	22.1	41,885	429,928	24.9	47,192	475,758
2024	195,685	21.4	41,877	421,075	22.1	43,246	434,843	24.9	48,726	481,197
2025	202,045	21.4	43,238	425,354	22.1	44,652	439,261	24.9	50,309	486,086
2026	208,611	21.4	44,643	429,090	22.1	46,103	443,119	24.9	51,944	490,355
2027	215,391	21.4	46,094	432,216	22.1	47,601	446,347	24.9	53,632	493,927
2028	222,391	21.4	47,592	434,659	22.1	49,148	448,870	24.9	55,375	496,719
2029	229,619	21.4	49,138	436,340	22.1	50,746	450,606	24.9	57,175	498,640
2030	237,082	21.4	50,736	437,173	22.1	52,395	451,466	24.9	59,033	499,592

Notes regarding the above projections:

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



City of Fordland - General

Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS)

(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
2021	\$ 177,781	9.1%	\$16,178	\$ 231,742	12.5%	\$22,223	\$ 289,685	11.9%	\$21,156	\$ 284,773
2022	183,559	9.1	16,704	234,917	12.5	22,945	293,654	11.9	21,844	288,674
2023	189,525	9.1	17,247	237,879	12.5	23,691	297,357	11.9	22,553	292,314
2024	195,685	9.1	17,807	240,599	12.5	24,461	300,757	11.9	23,287	295,656
2025	202,045	9.1	18,386	243,044	12.5	25,256	303,813	11.9	24,043	298,660
2026	208,611	9.1	18,984	245,178	12.5	26,076	306,481	11.9	24,825	301,283
2027	215,391	9.1	19,601	246,964	12.5	26,924	308,714	11.9	25,632	303,478
2028	222,391	9.1	20,238	248,360	12.5	27,799	310,459	11.9	26,465	305,193
2029	229,619	9.1	20,895	249,320	12.5	28,702	311,660	11.9	27,325	306,373
2030	237,082	9.1	21,574	249,796	12.5	29,635	312,255	11.9	28,213	306,958

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
2021	\$ 177,781	14.7%	\$26,134	\$ 329,466	16.0%	\$28,445	\$ 347,634	17.3%	\$30,756	\$ 374,145
2022	183,559	14.7	26,983	333,980	16.0	29,369	352,397	17.3	31,756	379,271
2023	189,525	14.7	27,860	338,191	16.0	30,324	356,841	17.3	32,788	384,053
2024	195,685	14.7	28,766	342,058	16.0	31,310	360,921	17.3	33,854	388,444
2025	202,045	14.7	29,701	345,534	16.0	32,327	364,588	17.3	34,954	392,391
2026	208,611	14.7	30,666	348,569	16.0	33,378	367,790	17.3	36,090	395,837
2027	215,391	14.7	31,662	351,108	16.0	34,463	370,469	17.3	37,263	398,720
2028	222,391	14.7	32,691	353,092	16.0	35,583	372,563	17.3	38,474	400,973
2029	229,619	14.7	33,754	354,457	16.0	36,739	374,004	17.3	39,724	402,524
2030	237,082	14.7	34,851	355,134	16.0	37,933	374,718	17.3	41,015	403,293

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
2021	\$ 177,781	19.5%	\$34,667	\$ 405,575	20.2%	\$35,912	\$ 418,836	23.0%	\$40,890	\$ 463,484
2022	183,559	19.5	35,794	411,131	20.2	37,079	424,574	23.0	42,219	469,834
2023	189,525	19.5	36,957	416,315	20.2	38,284	429,928	23.0	43,591	475,758
2024	195,685	19.5	38,159	421,075	20.2	39,528	434,843	23.0	45,008	481,197
2025	202,045	19.5	39,399	425,354	20.2	40,813	439,261	23.0	46,470	486,086
2026	208,611	19.5	40,679	429,090	20.2	42,139	443,119	23.0	47,981	490,355
2027	215,391	19.5	42,001	432,216	20.2	43,509	446,347	23.0	49,540	493,927
2028	222,391	19.5	43,366	434,659	20.2	44,923	448,870	23.0	51,150	496,719
2029	229,619	19.5	44,776	436,340	20.2	46,383	450,606	23.0	52,812	498,640
2030	237,082	19.5	46,231	437,173	20.2	47,891	451,466	23.0	54,529	499,592

Notes regarding the above projections:

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



City of Fordland - Police

Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

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	
2021	\$ 34,320	10.3%	\$3,535	\$ 3,331	12.6%	\$4,324	\$ 4,167	12.3%	\$4,221	\$ 4,073
2022	35,435	10.3	3,650	3,377	12.6	4,465	4,224	12.3	4,359	4,129
2023	36,587	10.3	3,768	3,420	12.6	4,610	4,277	12.3	4,500	4,181
2024	37,776	10.3	3,891	3,459	12.6	4,760	4,326	12.3	4,646	4,229
2025	39,004	10.3	4,017	3,494	12.6	4,915	4,370	12.3	4,797	4,272
2026	40,272	10.3	4,148	3,525	12.6	5,074	4,408	12.3	4,953	4,310
2027	41,581	10.3	4,283	3,551	12.6	5,239	4,440	12.3	5,114	4,341
2028	42,932	10.3	4,422	3,571	12.6	5,409	4,465	12.3	5,281	4,366
2029	44,327	10.3	4,566	3,585	12.6	5,585	4,482	12.3	5,452	4,383
2030	45,768	10.3	4,714	3,592	12.6	5,767	4,491	12.3	5,629	4,391

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	
2021	\$ 34,320	14.2%	\$4,873	\$ 4,725	15.0%	\$5,148	\$ 5,003	16.0%	\$5,491	\$ 5,374
2022	35,435	14.2	5,032	4,790	15.0	5,315	5,072	16.0	5,670	5,448
2023	36,587	14.2	5,195	4,850	15.0	5,488	5,136	16.0	5,854	5,517
2024	37,776	14.2	5,364	4,905	15.0	5,666	5,195	16.0	6,044	5,580
2025	39,004	14.2	5,539	4,955	15.0	5,851	5,248	16.0	6,241	5,637
2026	40,272	14.2	5,719	4,999	15.0	6,041	5,294	16.0	6,444	5,687
2027	41,581	14.2	5,905	5,035	15.0	6,237	5,333	16.0	6,653	5,728
2028	42,932	14.2	6,096	5,063	15.0	6,440	5,363	16.0	6,869	5,760
2029	44,327	14.2	6,294	5,083	15.0	6,649	5,384	16.0	7,092	5,782
2030	45,768	14.2	6,499	5,093	15.0	6,865	5,394	16.0	7,323	5,793

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	
2021	\$ 34,320	17.4%	\$5,972	\$ 5,832	17.8%	\$6,109	\$ 6,017	19.7%	\$6,761	\$ 6,667
2022	35,435	17.4	6,166	5,912	17.8	6,307	6,099	19.7	6,981	6,758
2023	36,587	17.4	6,366	5,987	17.8	6,512	6,176	19.7	7,208	6,843
2024	37,776	17.4	6,573	6,055	17.8	6,724	6,247	19.7	7,442	6,921
2025	39,004	17.4	6,787	6,117	17.8	6,943	6,310	19.7	7,684	6,991
2026	40,272	17.4	7,007	6,171	17.8	7,168	6,365	19.7	7,934	7,052
2027	41,581	17.4	7,235	6,216	17.8	7,401	6,411	19.7	8,191	7,103
2028	42,932	17.4	7,470	6,251	17.8	7,642	6,447	19.7	8,458	7,143
2029	44,327	17.4	7,713	6,275	17.8	7,890	6,472	19.7	8,732	7,171
2030	45,768	17.4	7,964	6,287	17.8	8,147	6,484	19.7	9,016	7,185

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 Fordland - Police

Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS)

(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	
2021	\$ 34,320	8.4%	\$2,883	\$ 3,331	10.7%	\$3,672	\$ 4,167	10.4%	\$3,569	\$ 4,073
2022	35,435	8.4	2,977	3,377	10.7	3,792	4,224	10.4	3,685	4,129
2023	36,587	8.4	3,073	3,420	10.7	3,915	4,277	10.4	3,805	4,181
2024	37,776	8.4	3,173	3,459	10.7	4,042	4,326	10.4	3,929	4,229
2025	39,004	8.4	3,276	3,494	10.7	4,173	4,370	10.4	4,056	4,272
2026	40,272	8.4	3,383	3,525	10.7	4,309	4,408	10.4	4,188	4,310
2027	41,581	8.4	3,493	3,551	10.7	4,449	4,440	10.4	4,324	4,341
2028	42,932	8.4	3,606	3,571	10.7	4,594	4,465	10.4	4,465	4,366
2029	44,327	8.4	3,723	3,585	10.7	4,743	4,482	10.4	4,610	4,383
2030	45,768	8.4	3,845	3,592	10.7	4,897	4,491	10.4	4,760	4,391

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	
2021	\$ 34,320	12.3%	\$4,221	\$ 4,725	13.1%	\$4,496	\$ 5,003	14.1%	\$4,839	\$ 5,374
2022	35,435	12.3	4,359	4,790	13.1	4,642	5,072	14.1	4,996	5,448
2023	36,587	12.3	4,500	4,850	13.1	4,793	5,136	14.1	5,159	5,517
2024	37,776	12.3	4,646	4,905	13.1	4,949	5,195	14.1	5,326	5,580
2025	39,004	12.3	4,797	4,955	13.1	5,110	5,248	14.1	5,500	5,637
2026	40,272	12.3	4,953	4,999	13.1	5,276	5,294	14.1	5,678	5,687
2027	41,581	12.3	5,114	5,035	13.1	5,447	5,333	14.1	5,863	5,728
2028	42,932	12.3	5,281	5,063	13.1	5,624	5,363	14.1	6,053	5,760
2029	44,327	12.3	5,452	5,083	13.1	5,807	5,384	14.1	6,250	5,782
2030	45,768	12.3	5,629	5,093	13.1	5,996	5,394	14.1	6,453	5,793

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	
2021	\$ 34,320	15.5%	\$5,320	\$ 5,832	15.9%	\$5,457	\$ 6,017	17.8%	\$6,109	\$ 6,667
2022	35,435	15.5	5,492	5,912	15.9	5,634	6,099	17.8	6,307	6,758
2023	36,587	15.5	5,671	5,987	15.9	5,817	6,176	17.8	6,512	6,843
2024	37,776	15.5	5,855	6,055	15.9	6,006	6,247	17.8	6,724	6,921
2025	39,004	15.5	6,046	6,117	15.9	6,202	6,310	17.8	6,943	6,991
2026	40,272	15.5	6,242	6,171	15.9	6,403	6,365	17.8	7,168	7,052
2027	41,581	15.5	6,445	6,216	15.9	6,611	6,411	17.8	7,401	7,103
2028	42,932	15.5	6,654	6,251	15.9	6,826	6,447	17.8	7,642	7,143
2029	44,327	15.5	6,871	6,275	15.9	7,048	6,472	17.8	7,890	7,171
2030	45,768	15.5	7,094	6,287	15.9	7,277	6,484	17.8	8,147	7,185

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 Fordland - Police

Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS)

(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	
2021	\$ 34,320	6.5%	\$2,231	\$ 3,331	8.8%	\$3,020	\$ 4,167	8.5%	\$2,917	\$ 4,073
2022	35,435	6.5	2,303	3,377	8.8	3,118	4,224	8.5	3,012	4,129
2023	36,587	6.5	2,378	3,420	8.8	3,220	4,277	8.5	3,110	4,181
2024	37,776	6.5	2,455	3,459	8.8	3,324	4,326	8.5	3,211	4,229
2025	39,004	6.5	2,535	3,494	8.8	3,432	4,370	8.5	3,315	4,272
2026	40,272	6.5	2,618	3,525	8.8	3,544	4,408	8.5	3,423	4,310
2027	41,581	6.5	2,703	3,551	8.8	3,659	4,440	8.5	3,534	4,341
2028	42,932	6.5	2,791	3,571	8.8	3,778	4,465	8.5	3,649	4,366
2029	44,327	6.5	2,881	3,585	8.8	3,901	4,482	8.5	3,768	4,383
2030	45,768	6.5	2,975	3,592	8.8	4,028	4,491	8.5	3,890	4,391

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	
2021	\$ 34,320	10.4%	\$3,569	\$ 4,725	11.2%	\$3,844	\$ 5,003	12.2%	\$4,187	\$ 5,374
2022	35,435	10.4	3,685	4,790	11.2	3,969	5,072	12.2	4,323	5,448
2023	36,587	10.4	3,805	4,850	11.2	4,098	5,136	12.2	4,464	5,517
2024	37,776	10.4	3,929	4,905	11.2	4,231	5,195	12.2	4,609	5,580
2025	39,004	10.4	4,056	4,955	11.2	4,368	5,248	12.2	4,758	5,637
2026	40,272	10.4	4,188	4,999	11.2	4,510	5,294	12.2	4,913	5,687
2027	41,581	10.4	4,324	5,035	11.2	4,657	5,333	12.2	5,073	5,728
2028	42,932	10.4	4,465	5,063	11.2	4,808	5,363	12.2	5,238	5,760
2029	44,327	10.4	4,610	5,083	11.2	4,965	5,384	12.2	5,408	5,782
2030	45,768	10.4	4,760	5,093	11.2	5,126	5,394	12.2	5,584	5,793

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	
2021	\$ 34,320	13.6%	\$4,668	\$ 5,832	14.0%	\$4,805	\$ 6,017	15.9%	\$5,457	\$ 6,667
2022	35,435	13.6	4,819	5,912	14.0	4,961	6,099	15.9	5,634	6,758
2023	36,587	13.6	4,976	5,987	14.0	5,122	6,176	15.9	5,817	6,843
2024	37,776	13.6	5,138	6,055	14.0	5,289	6,247	15.9	6,006	6,921
2025	39,004	13.6	5,305	6,117	14.0	5,461	6,310	15.9	6,202	6,991
2026	40,272	13.6	5,477	6,171	14.0	5,638	6,365	15.9	6,403	7,052
2027	41,581	13.6	5,655	6,216	14.0	5,821	6,411	15.9	6,611	7,103
2028	42,932	13.6	5,839	6,251	14.0	6,010	6,447	15.9	6,826	7,143
2029	44,327	13.6	6,028	6,275	14.0	6,206	6,472	15.9	7,048	7,171
2030	45,768	13.6	6,224	6,287	14.0	6,408	6,484	15.9	7,277	7,185

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 Fordland - Police

Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS)

(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	
2021	\$ 34,320	4.6%	\$1,579	\$ 3,331	6.9%	\$2,368	\$ 4,167	6.6%	\$2,265	\$ 4,073
2022	35,435	4.6	1,630	3,377	6.9	2,445	4,224	6.6	2,339	4,129
2023	36,587	4.6	1,683	3,420	6.9	2,525	4,277	6.6	2,415	4,181
2024	37,776	4.6	1,738	3,459	6.9	2,607	4,326	6.6	2,493	4,229
2025	39,004	4.6	1,794	3,494	6.9	2,691	4,370	6.6	2,574	4,272
2026	40,272	4.6	1,853	3,525	6.9	2,779	4,408	6.6	2,658	4,310
2027	41,581	4.6	1,913	3,551	6.9	2,869	4,440	6.6	2,744	4,341
2028	42,932	4.6	1,975	3,571	6.9	2,962	4,465	6.6	2,834	4,366
2029	44,327	4.6	2,039	3,585	6.9	3,059	4,482	6.6	2,926	4,383
2030	45,768	4.6	2,105	3,592	6.9	3,158	4,491	6.6	3,021	4,391

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	
2021	\$ 34,320	8.5%	\$2,917	\$ 4,725	9.3%	\$3,192	\$ 5,003	10.3%	\$3,535	\$ 5,374
2022	35,435	8.5	3,012	4,790	9.3	3,295	5,072	10.3	3,650	5,448
2023	36,587	8.5	3,110	4,850	9.3	3,403	5,136	10.3	3,768	5,517
2024	37,776	8.5	3,211	4,905	9.3	3,513	5,195	10.3	3,891	5,580
2025	39,004	8.5	3,315	4,955	9.3	3,627	5,248	10.3	4,017	5,637
2026	40,272	8.5	3,423	4,999	9.3	3,745	5,294	10.3	4,148	5,687
2027	41,581	8.5	3,534	5,035	9.3	3,867	5,333	10.3	4,283	5,728
2028	42,932	8.5	3,649	5,063	9.3	3,993	5,363	10.3	4,422	5,760
2029	44,327	8.5	3,768	5,083	9.3	4,122	5,384	10.3	4,566	5,782
2030	45,768	8.5	3,890	5,093	9.3	4,256	5,394	10.3	4,714	5,793

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	
2021	\$ 34,320	11.7%	\$4,015	\$ 5,832	12.1%	\$4,153	\$ 6,017	14.0%	\$4,805	\$ 6,667
2022	35,435	11.7	4,146	5,912	12.1	4,288	6,099	14.0	4,961	6,758
2023	36,587	11.7	4,281	5,987	12.1	4,427	6,176	14.0	5,122	6,843
2024	37,776	11.7	4,420	6,055	12.1	4,571	6,247	14.0	5,289	6,921
2025	39,004	11.7	4,563	6,117	12.1	4,719	6,310	14.0	5,461	6,991
2026	40,272	11.7	4,712	6,171	12.1	4,873	6,365	14.0	5,638	7,052
2027	41,581	11.7	4,865	6,216	12.1	5,031	6,411	14.0	5,821	7,103
2028	42,932	11.7	5,023	6,251	12.1	5,195	6,447	14.0	6,010	7,143
2029	44,327	11.7	5,186	6,275	12.1	5,364	6,472	14.0	6,206	7,171
2030	45,768	11.7	5,355	6,287	12.1	5,538	6,484	14.0	6,408	7,185

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 Fordland - Police

Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

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	
2021	\$ 34,320	10.6%	\$3,638	\$ 3,445	13.0%	\$4,462	\$ 4,308	12.7%	\$4,359	\$ 4,210
2022	35,435	10.6	3,756	3,492	13.0	4,607	4,367	12.7	4,500	4,268
2023	36,587	10.6	3,878	3,536	13.0	4,756	4,422	12.7	4,647	4,322
2024	37,776	10.6	4,004	3,576	13.0	4,911	4,473	12.7	4,798	4,371
2025	39,004	10.6	4,134	3,612	13.0	5,071	4,518	12.7	4,954	4,415
2026	40,272	10.6	4,269	3,644	13.0	5,235	4,558	12.7	5,115	4,454
2027	41,581	10.6	4,408	3,671	13.0	5,406	4,591	12.7	5,281	4,486
2028	42,932	10.6	4,551	3,692	13.0	5,581	4,617	12.7	5,452	4,511
2029	44,327	10.6	4,699	3,706	13.0	5,763	4,635	12.7	5,630	4,528
2030	45,768	10.6	4,851	3,713	13.0	5,950	4,644	12.7	5,813	4,537

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	
2021	\$ 34,320	14.6%	\$5,011	\$ 4,887	15.5%	\$5,320	\$ 5,172	16.5%	\$5,663	\$ 5,552
2022	35,435	14.6	5,174	4,954	15.5	5,492	5,243	16.5	5,847	5,628
2023	36,587	14.6	5,342	5,016	15.5	5,671	5,309	16.5	6,037	5,699
2024	37,776	14.6	5,515	5,073	15.5	5,855	5,370	16.5	6,233	5,764
2025	39,004	14.6	5,695	5,125	15.5	6,046	5,425	16.5	6,436	5,823
2026	40,272	14.6	5,880	5,170	15.5	6,242	5,473	16.5	6,645	5,874
2027	41,581	14.6	6,071	5,208	15.5	6,445	5,513	16.5	6,861	5,917
2028	42,932	14.6	6,268	5,237	15.5	6,654	5,544	16.5	7,084	5,950
2029	44,327	14.6	6,472	5,257	15.5	6,871	5,565	16.5	7,314	5,973
2030	45,768	14.6	6,682	5,267	15.5	7,094	5,576	16.5	7,552	5,984

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	
2021	\$ 34,320	17.9%	\$6,143	\$ 6,033	18.3%	\$6,281	\$ 6,225	20.2%	\$6,933	\$ 6,897
2022	35,435	17.9	6,343	6,116	18.3	6,485	6,310	20.2	7,158	6,991
2023	36,587	17.9	6,549	6,193	18.3	6,695	6,390	20.2	7,391	7,079
2024	37,776	17.9	6,762	6,264	18.3	6,913	6,463	20.2	7,631	7,160
2025	39,004	17.9	6,982	6,328	18.3	7,138	6,529	20.2	7,879	7,233
2026	40,272	17.9	7,209	6,384	18.3	7,370	6,586	20.2	8,135	7,297
2027	41,581	17.9	7,443	6,431	18.3	7,609	6,634	20.2	8,399	7,350
2028	42,932	17.9	7,685	6,467	18.3	7,857	6,671	20.2	8,672	7,392
2029	44,327	17.9	7,935	6,492	18.3	8,112	6,697	20.2	8,954	7,421
2030	45,768	17.9	8,192	6,504	18.3	8,376	6,710	20.2	9,245	7,435

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 Fordland - Police

Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS)

(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	
2021	\$ 34,320	8.7%	\$2,986	\$ 3,445	11.1%	\$3,810	\$ 4,308	10.8%	\$3,707	\$ 4,210
2022	35,435	8.7	3,083	3,492	11.1	3,933	4,367	10.8	3,827	4,268
2023	36,587	8.7	3,183	3,536	11.1	4,061	4,422	10.8	3,951	4,322
2024	37,776	8.7	3,287	3,576	11.1	4,193	4,473	10.8	4,080	4,371
2025	39,004	8.7	3,393	3,612	11.1	4,329	4,518	10.8	4,212	4,415
2026	40,272	8.7	3,504	3,644	11.1	4,470	4,558	10.8	4,349	4,454
2027	41,581	8.7	3,618	3,671	11.1	4,615	4,591	10.8	4,491	4,486
2028	42,932	8.7	3,735	3,692	11.1	4,765	4,617	10.8	4,637	4,511
2029	44,327	8.7	3,856	3,706	11.1	4,920	4,635	10.8	4,787	4,528
2030	45,768	8.7	3,982	3,713	11.1	5,080	4,644	10.8	4,943	4,537

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	
2021	\$ 34,320	12.7%	\$4,359	\$ 4,887	13.6%	\$4,668	\$ 5,172	14.6%	\$5,011	\$ 5,552
2022	35,435	12.7	4,500	4,954	13.6	4,819	5,243	14.6	5,174	5,628
2023	36,587	12.7	4,647	5,016	13.6	4,976	5,309	14.6	5,342	5,699
2024	37,776	12.7	4,798	5,073	13.6	5,138	5,370	14.6	5,515	5,764
2025	39,004	12.7	4,954	5,125	13.6	5,305	5,425	14.6	5,695	5,823
2026	40,272	12.7	5,115	5,170	13.6	5,477	5,473	14.6	5,880	5,874
2027	41,581	12.7	5,281	5,208	13.6	5,655	5,513	14.6	6,071	5,917
2028	42,932	12.7	5,452	5,237	13.6	5,839	5,544	14.6	6,268	5,950
2029	44,327	12.7	5,630	5,257	13.6	6,028	5,565	14.6	6,472	5,973
2030	45,768	12.7	5,813	5,267	13.6	6,224	5,576	14.6	6,682	5,984

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	
2021	\$ 34,320	16.0%	\$5,491	\$ 6,033	16.4%	\$5,628	\$ 6,225	18.3%	\$6,281	\$ 6,897
2022	35,435	16.0	5,670	6,116	16.4	5,811	6,310	18.3	6,485	6,991
2023	36,587	16.0	5,854	6,193	16.4	6,000	6,390	18.3	6,695	7,079
2024	37,776	16.0	6,044	6,264	16.4	6,195	6,463	18.3	6,913	7,160
2025	39,004	16.0	6,241	6,328	16.4	6,397	6,529	18.3	7,138	7,233
2026	40,272	16.0	6,444	6,384	16.4	6,605	6,586	18.3	7,370	7,297
2027	41,581	16.0	6,653	6,431	16.4	6,819	6,634	18.3	7,609	7,350
2028	42,932	16.0	6,869	6,467	16.4	7,041	6,671	18.3	7,857	7,392
2029	44,327	16.0	7,092	6,492	16.4	7,270	6,697	18.3	8,112	7,421
2030	45,768	16.0	7,323	6,504	16.4	7,506	6,710	18.3	8,376	7,435

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 Fordland - Police

Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS)

(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	
2021	\$ 34,320	6.8%	\$2,334	\$ 3,445	9.2%	\$3,157	\$ 4,308	8.9%	\$3,054	\$ 4,210
2022	35,435	6.8	2,410	3,492	9.2	3,260	4,367	8.9	3,154	4,268
2023	36,587	6.8	2,488	3,536	9.2	3,366	4,422	8.9	3,256	4,322
2024	37,776	6.8	2,569	3,576	9.2	3,475	4,473	8.9	3,362	4,371
2025	39,004	6.8	2,652	3,612	9.2	3,588	4,518	8.9	3,471	4,415
2026	40,272	6.8	2,738	3,644	9.2	3,705	4,558	8.9	3,584	4,454
2027	41,581	6.8	2,828	3,671	9.2	3,825	4,591	8.9	3,701	4,486
2028	42,932	6.8	2,919	3,692	9.2	3,950	4,617	8.9	3,821	4,511
2029	44,327	6.8	3,014	3,706	9.2	4,078	4,635	8.9	3,945	4,528
2030	45,768	6.8	3,112	3,713	9.2	4,211	4,644	8.9	4,073	4,537

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	
2021	\$ 34,320	10.8%	\$3,707	\$ 4,887	11.7%	\$4,015	\$ 5,172	12.7%	\$4,359	\$ 5,552
2022	35,435	10.8	3,827	4,954	11.7	4,146	5,243	12.7	4,500	5,628
2023	36,587	10.8	3,951	5,016	11.7	4,281	5,309	12.7	4,647	5,699
2024	37,776	10.8	4,080	5,073	11.7	4,420	5,370	12.7	4,798	5,764
2025	39,004	10.8	4,212	5,125	11.7	4,563	5,425	12.7	4,954	5,823
2026	40,272	10.8	4,349	5,170	11.7	4,712	5,473	12.7	5,115	5,874
2027	41,581	10.8	4,491	5,208	11.7	4,865	5,513	12.7	5,281	5,917
2028	42,932	10.8	4,637	5,237	11.7	5,023	5,544	12.7	5,452	5,950
2029	44,327	10.8	4,787	5,257	11.7	5,186	5,565	12.7	5,630	5,973
2030	45,768	10.8	4,943	5,267	11.7	5,355	5,576	12.7	5,813	5,984

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	
2021	\$ 34,320	14.1%	\$4,839	\$ 6,033	14.5%	\$4,976	\$ 6,225	16.4%	\$5,628	\$ 6,897
2022	35,435	14.1	4,996	6,116	14.5	5,138	6,310	16.4	5,811	6,991
2023	36,587	14.1	5,159	6,193	14.5	5,305	6,390	16.4	6,000	7,079
2024	37,776	14.1	5,326	6,264	14.5	5,478	6,463	16.4	6,195	7,160
2025	39,004	14.1	5,500	6,328	14.5	5,656	6,529	16.4	6,397	7,233
2026	40,272	14.1	5,678	6,384	14.5	5,839	6,586	16.4	6,605	7,297
2027	41,581	14.1	5,863	6,431	14.5	6,029	6,634	16.4	6,819	7,350
2028	42,932	14.1	6,053	6,467	14.5	6,225	6,671	16.4	7,041	7,392
2029	44,327	14.1	6,250	6,492	14.5	6,427	6,697	16.4	7,270	7,421
2030	45,768	14.1	6,453	6,504	14.5	6,636	6,710	16.4	7,506	7,435

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 Fordland - Police

Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS)

(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	
2021	\$ 34,320	4.9%	\$1,682	\$ 3,445	7.3%	\$2,505	\$ 4,308	7.0%	\$2,402	\$ 4,210
2022	35,435	4.9	1,736	3,492	7.3	2,587	4,367	7.0	2,480	4,268
2023	36,587	4.9	1,793	3,536	7.3	2,671	4,422	7.0	2,561	4,322
2024	37,776	4.9	1,851	3,576	7.3	2,758	4,473	7.0	2,644	4,371
2025	39,004	4.9	1,911	3,612	7.3	2,847	4,518	7.0	2,730	4,415
2026	40,272	4.9	1,973	3,644	7.3	2,940	4,558	7.0	2,819	4,454
2027	41,581	4.9	2,037	3,671	7.3	3,035	4,591	7.0	2,911	4,486
2028	42,932	4.9	2,104	3,692	7.3	3,134	4,617	7.0	3,005	4,511
2029	44,327	4.9	2,172	3,706	7.3	3,236	4,635	7.0	3,103	4,528
2030	45,768	4.9	2,243	3,713	7.3	3,341	4,644	7.0	3,204	4,537

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	
2021	\$ 34,320	8.9%	\$3,054	\$ 4,887	9.8%	\$3,363	\$ 5,172	10.8%	\$3,707	\$ 5,552
2022	35,435	8.9	3,154	4,954	9.8	3,473	5,243	10.8	3,827	5,628
2023	36,587	8.9	3,256	5,016	9.8	3,586	5,309	10.8	3,951	5,699
2024	37,776	8.9	3,362	5,073	9.8	3,702	5,370	10.8	4,080	5,764
2025	39,004	8.9	3,471	5,125	9.8	3,822	5,425	10.8	4,212	5,823
2026	40,272	8.9	3,584	5,170	9.8	3,947	5,473	10.8	4,349	5,874
2027	41,581	8.9	3,701	5,208	9.8	4,075	5,513	10.8	4,491	5,917
2028	42,932	8.9	3,821	5,237	9.8	4,207	5,544	10.8	4,637	5,950
2029	44,327	8.9	3,945	5,257	9.8	4,344	5,565	10.8	4,787	5,973
2030	45,768	8.9	4,073	5,267	9.8	4,485	5,576	10.8	4,943	5,984

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	
2021	\$ 34,320	12.2%	\$4,187	\$ 6,033	12.6%	\$4,324	\$ 6,225	14.5%	\$4,976	\$ 6,897
2022	35,435	12.2	4,323	6,116	12.6	4,465	6,310	14.5	5,138	6,991
2023	36,587	12.2	4,464	6,193	12.6	4,610	6,390	14.5	5,305	7,079
2024	37,776	12.2	4,609	6,264	12.6	4,760	6,463	14.5	5,478	7,160
2025	39,004	12.2	4,758	6,328	12.6	4,915	6,529	14.5	5,656	7,233
2026	40,272	12.2	4,913	6,384	12.6	5,074	6,586	14.5	5,839	7,297
2027	41,581	12.2	5,073	6,431	12.6	5,239	6,634	14.5	6,029	7,350
2028	42,932	12.2	5,238	6,467	12.6	5,409	6,671	14.5	6,225	7,392
2029	44,327	12.2	5,408	6,492	12.6	5,585	6,697	14.5	6,427	7,421
2030	45,768	12.2	5,584	6,504	12.6	5,767	6,710	14.5	6,636	7,435

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 Fordland - Police

Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

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 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	
2021	\$ 34,320	10.3%	\$3,535	\$ 3,331	12.6%	\$4,324	\$ 4,167	12.3%	\$4,221	\$ 4,073
2022	35,435	10.3	3,650	3,377	12.6	4,465	4,224	12.3	4,359	4,129
2023	36,587	10.3	3,768	3,420	12.6	4,610	4,277	12.3	4,500	4,181
2024	37,776	10.3	3,891	3,459	12.6	4,760	4,326	12.3	4,646	4,229
2025	39,004	10.3	4,017	3,494	12.6	4,915	4,370	12.3	4,797	4,272
2026	40,272	10.3	4,148	3,525	12.6	5,074	4,408	12.3	4,953	4,310
2027	41,581	10.3	4,283	3,551	12.6	5,239	4,440	12.3	5,114	4,341
2028	42,932	10.3	4,422	3,571	12.6	5,409	4,465	12.3	5,281	4,366
2029	44,327	10.3	4,566	3,585	12.6	5,585	4,482	12.3	5,452	4,383
2030	45,768	10.3	4,714	3,592	12.6	5,767	4,491	12.3	5,629	4,391

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	
2021	\$ 34,320	14.2%	\$4,873	\$ 4,725	15.0%	\$5,148	\$ 5,003	16.0%	\$5,491	\$ 5,374
2022	35,435	14.2	5,032	4,790	15.0	5,315	5,072	16.0	5,670	5,448
2023	36,587	14.2	5,195	4,850	15.0	5,488	5,136	16.0	5,854	5,517
2024	37,776	14.2	5,364	4,905	15.0	5,666	5,195	16.0	6,044	5,580
2025	39,004	14.2	5,539	4,955	15.0	5,851	5,248	16.0	6,241	5,637
2026	40,272	14.2	5,719	4,999	15.0	6,041	5,294	16.0	6,444	5,687
2027	41,581	14.2	5,905	5,035	15.0	6,237	5,333	16.0	6,653	5,728
2028	42,932	14.2	6,096	5,063	15.0	6,440	5,363	16.0	6,869	5,760
2029	44,327	14.2	6,294	5,083	15.0	6,649	5,384	16.0	7,092	5,782
2030	45,768	14.2	6,499	5,093	15.0	6,865	5,394	16.0	7,323	5,793

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	
2021	\$ 34,320	17.4%	\$5,972	\$ 5,832	17.8%	\$6,109	\$ 6,017	19.7%	\$6,761	\$ 6,667
2022	35,435	17.4	6,166	5,912	17.8	6,307	6,099	19.7	6,981	6,758
2023	36,587	17.4	6,366	5,987	17.8	6,512	6,176	19.7	7,208	6,843
2024	37,776	17.4	6,573	6,055	17.8	6,724	6,247	19.7	7,442	6,921
2025	39,004	17.4	6,787	6,117	17.8	6,943	6,310	19.7	7,684	6,991
2026	40,272	17.4	7,007	6,171	17.8	7,168	6,365	19.7	7,934	7,052
2027	41,581	17.4	7,235	6,216	17.8	7,401	6,411	19.7	8,191	7,103
2028	42,932	17.4	7,470	6,251	17.8	7,642	6,447	19.7	8,458	7,143
2029	44,327	17.4	7,713	6,275	17.8	7,890	6,472	19.7	8,732	7,171
2030	45,768	17.4	7,964	6,287	17.8	8,147	6,484	19.7	9,016	7,185

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 Fordland - Police

Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS)

(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 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	
2021	\$ 34,320	8.4%	\$2,883	\$ 3,331	10.7%	\$3,672	\$ 4,167	10.4%	\$3,569	\$ 4,073
2022	35,435	8.4	2,977	3,377	10.7	3,792	4,224	10.4	3,685	4,129
2023	36,587	8.4	3,073	3,420	10.7	3,915	4,277	10.4	3,805	4,181
2024	37,776	8.4	3,173	3,459	10.7	4,042	4,326	10.4	3,929	4,229
2025	39,004	8.4	3,276	3,494	10.7	4,173	4,370	10.4	4,056	4,272
2026	40,272	8.4	3,383	3,525	10.7	4,309	4,408	10.4	4,188	4,310
2027	41,581	8.4	3,493	3,551	10.7	4,449	4,440	10.4	4,324	4,341
2028	42,932	8.4	3,606	3,571	10.7	4,594	4,465	10.4	4,465	4,366
2029	44,327	8.4	3,723	3,585	10.7	4,743	4,482	10.4	4,610	4,383
2030	45,768	8.4	3,845	3,592	10.7	4,897	4,491	10.4	4,760	4,391

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	
2021	\$ 34,320	12.3%	\$4,221	\$ 4,725	13.1%	\$4,496	\$ 5,003	14.1%	\$4,839	\$ 5,374
2022	35,435	12.3	4,359	4,790	13.1	4,642	5,072	14.1	4,996	5,448
2023	36,587	12.3	4,500	4,850	13.1	4,793	5,136	14.1	5,159	5,517
2024	37,776	12.3	4,646	4,905	13.1	4,949	5,195	14.1	5,326	5,580
2025	39,004	12.3	4,797	4,955	13.1	5,110	5,248	14.1	5,500	5,637
2026	40,272	12.3	4,953	4,999	13.1	5,276	5,294	14.1	5,678	5,687
2027	41,581	12.3	5,114	5,035	13.1	5,447	5,333	14.1	5,863	5,728
2028	42,932	12.3	5,281	5,063	13.1	5,624	5,363	14.1	6,053	5,760
2029	44,327	12.3	5,452	5,083	13.1	5,807	5,384	14.1	6,250	5,782
2030	45,768	12.3	5,629	5,093	13.1	5,996	5,394	14.1	6,453	5,793

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	
2021	\$ 34,320	15.5%	\$5,320	\$ 5,832	15.9%	\$5,457	\$ 6,017	17.8%	\$6,109	\$ 6,667
2022	35,435	15.5	5,492	5,912	15.9	5,634	6,099	17.8	6,307	6,758
2023	36,587	15.5	5,671	5,987	15.9	5,817	6,176	17.8	6,512	6,843
2024	37,776	15.5	5,855	6,055	15.9	6,006	6,247	17.8	6,724	6,921
2025	39,004	15.5	6,046	6,117	15.9	6,202	6,310	17.8	6,943	6,991
2026	40,272	15.5	6,242	6,171	15.9	6,403	6,365	17.8	7,168	7,052
2027	41,581	15.5	6,445	6,216	15.9	6,611	6,411	17.8	7,401	7,103
2028	42,932	15.5	6,654	6,251	15.9	6,826	6,447	17.8	7,642	7,143
2029	44,327	15.5	6,871	6,275	15.9	7,048	6,472	17.8	7,890	7,171
2030	45,768	15.5	7,094	6,287	15.9	7,277	6,484	17.8	8,147	7,185

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 Fordland - Police

Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS)

(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 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	
2021	\$ 34,320	6.5%	\$2,231	\$ 3,331	8.8%	\$3,020	\$ 4,167	8.5%	\$2,917	\$ 4,073
2022	35,435	6.5	2,303	3,377	8.8	3,118	4,224	8.5	3,012	4,129
2023	36,587	6.5	2,378	3,420	8.8	3,220	4,277	8.5	3,110	4,181
2024	37,776	6.5	2,455	3,459	8.8	3,324	4,326	8.5	3,211	4,229
2025	39,004	6.5	2,535	3,494	8.8	3,432	4,370	8.5	3,315	4,272
2026	40,272	6.5	2,618	3,525	8.8	3,544	4,408	8.5	3,423	4,310
2027	41,581	6.5	2,703	3,551	8.8	3,659	4,440	8.5	3,534	4,341
2028	42,932	6.5	2,791	3,571	8.8	3,778	4,465	8.5	3,649	4,366
2029	44,327	6.5	2,881	3,585	8.8	3,901	4,482	8.5	3,768	4,383
2030	45,768	6.5	2,975	3,592	8.8	4,028	4,491	8.5	3,890	4,391

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	
2021	\$ 34,320	10.4%	\$3,569	\$ 4,725	11.2%	\$3,844	\$ 5,003	12.2%	\$4,187	\$ 5,374
2022	35,435	10.4	3,685	4,790	11.2	3,969	5,072	12.2	4,323	5,448
2023	36,587	10.4	3,805	4,850	11.2	4,098	5,136	12.2	4,464	5,517
2024	37,776	10.4	3,929	4,905	11.2	4,231	5,195	12.2	4,609	5,580
2025	39,004	10.4	4,056	4,955	11.2	4,368	5,248	12.2	4,758	5,637
2026	40,272	10.4	4,188	4,999	11.2	4,510	5,294	12.2	4,913	5,687
2027	41,581	10.4	4,324	5,035	11.2	4,657	5,333	12.2	5,073	5,728
2028	42,932	10.4	4,465	5,063	11.2	4,808	5,363	12.2	5,238	5,760
2029	44,327	10.4	4,610	5,083	11.2	4,965	5,384	12.2	5,408	5,782
2030	45,768	10.4	4,760	5,093	11.2	5,126	5,394	12.2	5,584	5,793

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	
2021	\$ 34,320	13.6%	\$4,668	\$ 5,832	14.0%	\$4,805	\$ 6,017	15.9%	\$5,457	\$ 6,667
2022	35,435	13.6	4,819	5,912	14.0	4,961	6,099	15.9	5,634	6,758
2023	36,587	13.6	4,976	5,987	14.0	5,122	6,176	15.9	5,817	6,843
2024	37,776	13.6	5,138	6,055	14.0	5,289	6,247	15.9	6,006	6,921
2025	39,004	13.6	5,305	6,117	14.0	5,461	6,310	15.9	6,202	6,991
2026	40,272	13.6	5,477	6,171	14.0	5,638	6,365	15.9	6,403	7,052
2027	41,581	13.6	5,655	6,216	14.0	5,821	6,411	15.9	6,611	7,103
2028	42,932	13.6	5,839	6,251	14.0	6,010	6,447	15.9	6,826	7,143
2029	44,327	13.6	6,028	6,275	14.0	6,206	6,472	15.9	7,048	7,171
2030	45,768	13.6	6,224	6,287	14.0	6,408	6,484	15.9	7,277	7,185

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 Fordland - Police

Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS)

(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 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	
2021	\$ 34,320	4.6%	\$1,579	\$ 3,331	6.9%	\$2,368	\$ 4,167	6.6%	\$2,265	\$ 4,073
2022	35,435	4.6	1,630	3,377	6.9	2,445	4,224	6.6	2,339	4,129
2023	36,587	4.6	1,683	3,420	6.9	2,525	4,277	6.6	2,415	4,181
2024	37,776	4.6	1,738	3,459	6.9	2,607	4,326	6.6	2,493	4,229
2025	39,004	4.6	1,794	3,494	6.9	2,691	4,370	6.6	2,574	4,272
2026	40,272	4.6	1,853	3,525	6.9	2,779	4,408	6.6	2,658	4,310
2027	41,581	4.6	1,913	3,551	6.9	2,869	4,440	6.6	2,744	4,341
2028	42,932	4.6	1,975	3,571	6.9	2,962	4,465	6.6	2,834	4,366
2029	44,327	4.6	2,039	3,585	6.9	3,059	4,482	6.6	2,926	4,383
2030	45,768	4.6	2,105	3,592	6.9	3,158	4,491	6.6	3,021	4,391

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	
2021	\$ 34,320	8.5%	\$2,917	\$ 4,725	9.3%	\$3,192	\$ 5,003	10.3%	\$3,535	\$ 5,374
2022	35,435	8.5	3,012	4,790	9.3	3,295	5,072	10.3	3,650	5,448
2023	36,587	8.5	3,110	4,850	9.3	3,403	5,136	10.3	3,768	5,517
2024	37,776	8.5	3,211	4,905	9.3	3,513	5,195	10.3	3,891	5,580
2025	39,004	8.5	3,315	4,955	9.3	3,627	5,248	10.3	4,017	5,637
2026	40,272	8.5	3,423	4,999	9.3	3,745	5,294	10.3	4,148	5,687
2027	41,581	8.5	3,534	5,035	9.3	3,867	5,333	10.3	4,283	5,728
2028	42,932	8.5	3,649	5,063	9.3	3,993	5,363	10.3	4,422	5,760
2029	44,327	8.5	3,768	5,083	9.3	4,122	5,384	10.3	4,566	5,782
2030	45,768	8.5	3,890	5,093	9.3	4,256	5,394	10.3	4,714	5,793

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	
2021	\$ 34,320	11.7%	\$4,015	\$ 5,832	12.1%	\$4,153	\$ 6,017	14.0%	\$4,805	\$ 6,667
2022	35,435	11.7	4,146	5,912	12.1	4,288	6,099	14.0	4,961	6,758
2023	36,587	11.7	4,281	5,987	12.1	4,427	6,176	14.0	5,122	6,843
2024	37,776	11.7	4,420	6,055	12.1	4,571	6,247	14.0	5,289	6,921
2025	39,004	11.7	4,563	6,117	12.1	4,719	6,310	14.0	5,461	6,991
2026	40,272	11.7	4,712	6,171	12.1	4,873	6,365	14.0	5,638	7,052
2027	41,581	11.7	4,865	6,216	12.1	5,031	6,411	14.0	5,821	7,103
2028	42,932	11.7	5,023	6,251	12.1	5,195	6,447	14.0	6,010	7,143
2029	44,327	11.7	5,186	6,275	12.1	5,364	6,472	14.0	6,206	7,171
2030	45,768	11.7	5,355	6,287	12.1	5,538	6,484	14.0	6,408	7,185

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 Fordland - Police

Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

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 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	
2021	\$ 34,320	10.6%	\$3,638	\$ 3,445	13.0%	\$4,462	\$ 4,308	12.7%	\$4,359	\$ 4,210
2022	35,435	10.6	3,756	3,492	13.0	4,607	4,367	12.7	4,500	4,268
2023	36,587	10.6	3,878	3,536	13.0	4,756	4,422	12.7	4,647	4,322
2024	37,776	10.6	4,004	3,576	13.0	4,911	4,473	12.7	4,798	4,371
2025	39,004	10.6	4,134	3,612	13.0	5,071	4,518	12.7	4,954	4,415
2026	40,272	10.6	4,269	3,644	13.0	5,235	4,558	12.7	5,115	4,454
2027	41,581	10.6	4,408	3,671	13.0	5,406	4,591	12.7	5,281	4,486
2028	42,932	10.6	4,551	3,692	13.0	5,581	4,617	12.7	5,452	4,511
2029	44,327	10.6	4,699	3,706	13.0	5,763	4,635	12.7	5,630	4,528
2030	45,768	10.6	4,851	3,713	13.0	5,950	4,644	12.7	5,813	4,537

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	
2021	\$ 34,320	14.6%	\$5,011	\$ 4,887	15.5%	\$5,320	\$ 5,172	16.5%	\$5,663	\$ 5,552
2022	35,435	14.6	5,174	4,954	15.5	5,492	5,243	16.5	5,847	5,628
2023	36,587	14.6	5,342	5,016	15.5	5,671	5,309	16.5	6,037	5,699
2024	37,776	14.6	5,515	5,073	15.5	5,855	5,370	16.5	6,233	5,764
2025	39,004	14.6	5,695	5,125	15.5	6,046	5,425	16.5	6,436	5,823
2026	40,272	14.6	5,880	5,170	15.5	6,242	5,473	16.5	6,645	5,874
2027	41,581	14.6	6,071	5,208	15.5	6,445	5,513	16.5	6,861	5,917
2028	42,932	14.6	6,268	5,237	15.5	6,654	5,544	16.5	7,084	5,950
2029	44,327	14.6	6,472	5,257	15.5	6,871	5,565	16.5	7,314	5,973
2030	45,768	14.6	6,682	5,267	15.5	7,094	5,576	16.5	7,552	5,984

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	
2021	\$ 34,320	17.9%	\$6,143	\$ 6,033	18.3%	\$6,281	\$ 6,225	20.2%	\$6,933	\$ 6,897
2022	35,435	17.9	6,343	6,116	18.3	6,485	6,310	20.2	7,158	6,991
2023	36,587	17.9	6,549	6,193	18.3	6,695	6,390	20.2	7,391	7,079
2024	37,776	17.9	6,762	6,264	18.3	6,913	6,463	20.2	7,631	7,160
2025	39,004	17.9	6,982	6,328	18.3	7,138	6,529	20.2	7,879	7,233
2026	40,272	17.9	7,209	6,384	18.3	7,370	6,586	20.2	8,135	7,297
2027	41,581	17.9	7,443	6,431	18.3	7,609	6,634	20.2	8,399	7,350
2028	42,932	17.9	7,685	6,467	18.3	7,857	6,671	20.2	8,672	7,392
2029	44,327	17.9	7,935	6,492	18.3	8,112	6,697	20.2	8,954	7,421
2030	45,768	17.9	8,192	6,504	18.3	8,376	6,710	20.2	9,245	7,435

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 Fordland - Police

Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS)

(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 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	
2021	\$ 34,320	8.7%	\$2,986	\$ 3,445	11.1%	\$3,810	\$ 4,308	10.8%	\$3,707	\$ 4,210
2022	35,435	8.7	3,083	3,492	11.1	3,933	4,367	10.8	3,827	4,268
2023	36,587	8.7	3,183	3,536	11.1	4,061	4,422	10.8	3,951	4,322
2024	37,776	8.7	3,287	3,576	11.1	4,193	4,473	10.8	4,080	4,371
2025	39,004	8.7	3,393	3,612	11.1	4,329	4,518	10.8	4,212	4,415
2026	40,272	8.7	3,504	3,644	11.1	4,470	4,558	10.8	4,349	4,454
2027	41,581	8.7	3,618	3,671	11.1	4,615	4,591	10.8	4,491	4,486
2028	42,932	8.7	3,735	3,692	11.1	4,765	4,617	10.8	4,637	4,511
2029	44,327	8.7	3,856	3,706	11.1	4,920	4,635	10.8	4,787	4,528
2030	45,768	8.7	3,982	3,713	11.1	5,080	4,644	10.8	4,943	4,537

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	
2021	\$ 34,320	12.7%	\$4,359	\$ 4,887	13.6%	\$4,668	\$ 5,172	14.6%	\$5,011	\$ 5,552
2022	35,435	12.7	4,500	4,954	13.6	4,819	5,243	14.6	5,174	5,628
2023	36,587	12.7	4,647	5,016	13.6	4,976	5,309	14.6	5,342	5,699
2024	37,776	12.7	4,798	5,073	13.6	5,138	5,370	14.6	5,515	5,764
2025	39,004	12.7	4,954	5,125	13.6	5,305	5,425	14.6	5,695	5,823
2026	40,272	12.7	5,115	5,170	13.6	5,477	5,473	14.6	5,880	5,874
2027	41,581	12.7	5,281	5,208	13.6	5,655	5,513	14.6	6,071	5,917
2028	42,932	12.7	5,452	5,237	13.6	5,839	5,544	14.6	6,268	5,950
2029	44,327	12.7	5,630	5,257	13.6	6,028	5,565	14.6	6,472	5,973
2030	45,768	12.7	5,813	5,267	13.6	6,224	5,576	14.6	6,682	5,984

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	
2021	\$ 34,320	16.0%	\$5,491	\$ 6,033	16.4%	\$5,628	\$ 6,225	18.3%	\$6,281	\$ 6,897
2022	35,435	16.0	5,670	6,116	16.4	5,811	6,310	18.3	6,485	6,991
2023	36,587	16.0	5,854	6,193	16.4	6,000	6,390	18.3	6,695	7,079
2024	37,776	16.0	6,044	6,264	16.4	6,195	6,463	18.3	6,913	7,160
2025	39,004	16.0	6,241	6,328	16.4	6,397	6,529	18.3	7,138	7,233
2026	40,272	16.0	6,444	6,384	16.4	6,605	6,586	18.3	7,370	7,297
2027	41,581	16.0	6,653	6,431	16.4	6,819	6,634	18.3	7,609	7,350
2028	42,932	16.0	6,869	6,467	16.4	7,041	6,671	18.3	7,857	7,392
2029	44,327	16.0	7,092	6,492	16.4	7,270	6,697	18.3	8,112	7,421
2030	45,768	16.0	7,323	6,504	16.4	7,506	6,710	18.3	8,376	7,435

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 Fordland - Police

Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS)

(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
2021	\$ 34,320	6.8%	\$2,334	\$ 3,445	9.2%	\$3,157	\$ 4,308	8.9%	\$3,054	\$ 4,210
2022	35,435	6.8	2,410	3,492	9.2	3,260	4,367	8.9	3,154	4,268
2023	36,587	6.8	2,488	3,536	9.2	3,366	4,422	8.9	3,256	4,322
2024	37,776	6.8	2,569	3,576	9.2	3,475	4,473	8.9	3,362	4,371
2025	39,004	6.8	2,652	3,612	9.2	3,588	4,518	8.9	3,471	4,415
2026	40,272	6.8	2,738	3,644	9.2	3,705	4,558	8.9	3,584	4,454
2027	41,581	6.8	2,828	3,671	9.2	3,825	4,591	8.9	3,701	4,486
2028	42,932	6.8	2,919	3,692	9.2	3,950	4,617	8.9	3,821	4,511
2029	44,327	6.8	3,014	3,706	9.2	4,078	4,635	8.9	3,945	4,528
2030	45,768	6.8	3,112	3,713	9.2	4,211	4,644	8.9	4,073	4,537

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
2021	\$ 34,320	10.8%	\$3,707	\$ 4,887	11.7%	\$4,015	\$ 5,172	12.7%	\$4,359	\$ 5,552
2022	35,435	10.8	3,827	4,954	11.7	4,146	5,243	12.7	4,500	5,628
2023	36,587	10.8	3,951	5,016	11.7	4,281	5,309	12.7	4,647	5,699
2024	37,776	10.8	4,080	5,073	11.7	4,420	5,370	12.7	4,798	5,764
2025	39,004	10.8	4,212	5,125	11.7	4,563	5,425	12.7	4,954	5,823
2026	40,272	10.8	4,349	5,170	11.7	4,712	5,473	12.7	5,115	5,874
2027	41,581	10.8	4,491	5,208	11.7	4,865	5,513	12.7	5,281	5,917
2028	42,932	10.8	4,637	5,237	11.7	5,023	5,544	12.7	5,452	5,950
2029	44,327	10.8	4,787	5,257	11.7	5,186	5,565	12.7	5,630	5,973
2030	45,768	10.8	4,943	5,267	11.7	5,355	5,576	12.7	5,813	5,984

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
2021	\$ 34,320	14.1%	\$4,839	\$ 6,033	14.5%	\$4,976	\$ 6,225	16.4%	\$5,628	\$ 6,897
2022	35,435	14.1	4,996	6,116	14.5	5,138	6,310	16.4	5,811	6,991
2023	36,587	14.1	5,159	6,193	14.5	5,305	6,390	16.4	6,000	7,079
2024	37,776	14.1	5,326	6,264	14.5	5,478	6,463	16.4	6,195	7,160
2025	39,004	14.1	5,500	6,328	14.5	5,656	6,529	16.4	6,397	7,233
2026	40,272	14.1	5,678	6,384	14.5	5,839	6,586	16.4	6,605	7,297
2027	41,581	14.1	5,863	6,431	14.5	6,029	6,634	16.4	6,819	7,350
2028	42,932	14.1	6,053	6,467	14.5	6,225	6,671	16.4	7,041	7,392
2029	44,327	14.1	6,250	6,492	14.5	6,427	6,697	16.4	7,270	7,421
2030	45,768	14.1	6,453	6,504	14.5	6,636	6,710	16.4	7,506	7,435

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 Fordland - Police

Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS)

(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 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	
2021	\$ 34,320	4.9%	\$1,682	\$ 3,445	7.3%	\$2,505	\$ 4,308	7.0%	\$2,402	\$ 4,210
2022	35,435	4.9	1,736	3,492	7.3	2,587	4,367	7.0	2,480	4,268
2023	36,587	4.9	1,793	3,536	7.3	2,671	4,422	7.0	2,561	4,322
2024	37,776	4.9	1,851	3,576	7.3	2,758	4,473	7.0	2,644	4,371
2025	39,004	4.9	1,911	3,612	7.3	2,847	4,518	7.0	2,730	4,415
2026	40,272	4.9	1,973	3,644	7.3	2,940	4,558	7.0	2,819	4,454
2027	41,581	4.9	2,037	3,671	7.3	3,035	4,591	7.0	2,911	4,486
2028	42,932	4.9	2,104	3,692	7.3	3,134	4,617	7.0	3,005	4,511
2029	44,327	4.9	2,172	3,706	7.3	3,236	4,635	7.0	3,103	4,528
2030	45,768	4.9	2,243	3,713	7.3	3,341	4,644	7.0	3,204	4,537

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	
2021	\$ 34,320	8.9%	\$3,054	\$ 4,887	9.8%	\$3,363	\$ 5,172	10.8%	\$3,707	\$ 5,552
2022	35,435	8.9	3,154	4,954	9.8	3,473	5,243	10.8	3,827	5,628
2023	36,587	8.9	3,256	5,016	9.8	3,586	5,309	10.8	3,951	5,699
2024	37,776	8.9	3,362	5,073	9.8	3,702	5,370	10.8	4,080	5,764
2025	39,004	8.9	3,471	5,125	9.8	3,822	5,425	10.8	4,212	5,823
2026	40,272	8.9	3,584	5,170	9.8	3,947	5,473	10.8	4,349	5,874
2027	41,581	8.9	3,701	5,208	9.8	4,075	5,513	10.8	4,491	5,917
2028	42,932	8.9	3,821	5,237	9.8	4,207	5,544	10.8	4,637	5,950
2029	44,327	8.9	3,945	5,257	9.8	4,344	5,565	10.8	4,787	5,973
2030	45,768	8.9	4,073	5,267	9.8	4,485	5,576	10.8	4,943	5,984

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	
2021	\$ 34,320	12.2%	\$4,187	\$ 6,033	12.6%	\$4,324	\$ 6,225	14.5%	\$4,976	\$ 6,897
2022	35,435	12.2	4,323	6,116	12.6	4,465	6,310	14.5	5,138	6,991
2023	36,587	12.2	4,464	6,193	12.6	4,610	6,390	14.5	5,305	7,079
2024	37,776	12.2	4,609	6,264	12.6	4,760	6,463	14.5	5,478	7,160
2025	39,004	12.2	4,758	6,328	12.6	4,915	6,529	14.5	5,656	7,233
2026	40,272	12.2	4,913	6,384	12.6	5,074	6,586	14.5	5,839	7,297
2027	41,581	12.2	5,073	6,431	12.6	5,239	6,634	14.5	6,029	7,350
2028	42,932	12.2	5,238	6,467	12.6	5,409	6,671	14.5	6,225	7,392
2029	44,327	12.2	5,408	6,492	12.6	5,585	6,697	14.5	6,427	7,421
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