



The Initial Valuation For

# Lone Jack Fire Protection District

as of October 31, 2024



# Table of Contents

	<b>Page</b>
Actuary's Certification Letter .....	1
Alternate Plans Available .....	3
Employer Contribution Rates	
Regular Eligibility:	
5-Year Final Average Salary .....	4
3-Year Final Average Salary .....	5
Rule of 80 Eligibility:	
5-Year Final Average Salary .....	6
3-Year Final Average Salary .....	7
Employer Contribution Dollars .....	8
Appendix I	
Unfunded Actuarial Accrued Liability .....	10
Appendix II	
Summary of Financial Assumptions .....	12
Appendix III	
Summary of LAGERS Provisions .....	16
Appendix IV	
Benefit Illustrations.....	19
Appendix V	
Age and Service Characteristics of Employees .....	28
Appendix VI	
Risk Commentary.....	29



December 6, 2024

Lone Jack Fire Protection District  
Lone Jack, 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 - 105.685 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, 2024.

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 October 31, 2024. 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.

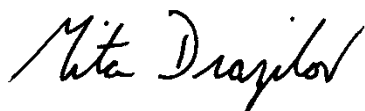
If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

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,  
Gabriel, Roeder, Smith & Company



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.

# Lone Jack Fire Protection District

## 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	Fire	9.00%	0.60%	3.60%	13.20%	11.30%	9.40%	7.50%
L-3	Fire	11.00	0.70	4.50	16.20	14.30	12.40	10.50
LT-4(65)	Fire	11.00	0.60	4.60	16.20	14.30	12.40	10.50
LT-5(65)	Fire	12.50	0.70	5.30	18.50	16.60	14.70	12.80
L-7	Fire	13.00	0.80	5.40	19.20	17.30	15.40	13.50
LT-8(65)	Fire	14.00	0.80	5.90	20.70	18.80	16.90	15.00
L-12	Fire	15.00	0.90	6.30	22.20	20.30	18.40	16.50
LT-14(65)	Fire	15.50	0.90	6.50	22.90	21.00	19.10	17.20
L-6	Fire	17.10	1.00	7.20	25.30	23.40	21.50	19.60

\* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost 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.

# Lone Jack Fire Protection District

## 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	Fire	9.20%	0.60%	3.70%	13.50%	11.60%	9.70%	7.80%
L-3	Fire	11.30	0.70	4.60	16.60	14.70	12.80	10.90
LT-4(65)	Fire	11.30	0.60	4.80	16.70	14.80	12.90	11.00
LT-5(65)	Fire	12.90	0.70	5.40	19.00	17.10	15.20	13.30
L-7	Fire	13.40	0.80	5.50	19.70	17.80	15.90	14.00
LT-8(65)	Fire	14.50	0.80	6.10	21.40	19.50	17.60	15.70
L-12	Fire	15.50	0.90	6.50	22.90	21.00	19.10	17.20
LT-14(65)	Fire	16.00	0.90	6.70	23.60	21.70	19.80	17.90
L-6	Fire	17.60	1.00	7.40	26.00	24.10	22.20	20.30

\* 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.

# Lone Jack Fire Protection District

## 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	Fire	9.10%	0.60%	3.60%	13.30%	11.40%	9.50%	7.60%
L-3	Fire	11.10	0.70	4.50	16.30	14.40	12.50	10.60
LT-4(65)	Fire	11.30	0.60	4.70	16.60	14.70	12.80	10.90
LT-5(65)	Fire	12.80	0.70	5.30	18.80	16.90	15.00	13.10
L-7	Fire	13.20	0.80	5.40	19.40	17.50	15.60	13.70
LT-8(65)	Fire	14.30	0.80	5.90	21.00	19.10	17.20	15.30
L-12	Fire	15.20	0.90	6.30	22.40	20.50	18.60	16.70
LT-14(65)	Fire	15.80	0.90	6.60	23.30	21.40	19.50	17.60
L-6	Fire	17.30	1.00	7.20	25.50	23.60	21.70	19.80

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

\* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost 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.



# Lone Jack Fire Protection District

## 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	Fire	9.40%	0.60%	3.70%	13.70%	11.80%	9.90%	8.00%
L-3	Fire	11.50	0.70	4.60	16.80	14.90	13.00	11.10
LT-4(65)	Fire	11.60	0.60	4.80	17.00	15.10	13.20	11.30
LT-5(65)	Fire	13.20	0.70	5.50	19.40	17.50	15.60	13.70
L-7	Fire	13.60	0.80	5.60	20.00	18.10	16.20	14.30
LT-8(65)	Fire	14.70	0.80	6.10	21.60	19.70	17.80	15.90
L-12	Fire	15.70	0.90	6.50	23.10	21.20	19.30	17.40
LT-14(65)	Fire	16.30	0.90	6.80	24.00	22.10	20.20	18.30
L-6	Fire	17.80	1.00	7.40	26.20	24.30	22.40	20.50

# 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.

# Lone Jack Fire Protection District

## Employer Contribution Dollars Fire

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

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 90,803	\$ 77,733	\$ 64,663	\$ 51,593
L-3	111,440	98,370	85,300	72,230
LT-4(65)	111,440	98,370	85,300	72,230
LT-5(65)	127,262	114,191	101,121	88,051
L-7	132,077	119,007	105,937	92,867
LT-8(65)	142,395	129,325	116,255	103,185
L-12	152,714	139,644	126,574	113,504
LT-14(65)	157,529	144,459	131,389	118,319
L-6	174,039	160,969	147,899	134,828

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 92,867	\$ 79,796	\$ 66,726	\$ 53,656
L-3	114,191	101,121	88,051	74,981
LT-4(65)	114,879	101,809	88,739	75,669
LT-5(65)	130,701	117,631	104,561	91,491
L-7	135,516	122,446	109,376	96,306
LT-8(65)	147,211	134,141	121,070	108,000
L-12	157,529	144,459	131,389	118,319
LT-14(65)	162,344	149,274	136,204	123,134
L-6	178,854	165,784	152,714	139,644

### Rule of 80 Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 91,491	\$ 78,421	\$ 65,351	\$ 52,280
L-3	112,128	99,058	85,988	72,917
LT-4(65)	114,191	101,121	88,051	74,981
LT-5(65)	129,325	116,255	103,185	90,115
L-7	133,453	120,383	107,312	94,242
LT-8(65)	144,459	131,389	118,319	105,249
L-12	154,090	141,020	127,949	114,879
LT-14(65)	160,281	147,211	134,141	121,070
L-6	175,415	162,344	149,274	136,204

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 94,242	\$ 81,172	\$ 68,102	\$ 55,032
L-3	115,567	102,497	89,427	76,357
LT-4(65)	116,943	103,873	90,803	77,733
LT-5(65)	133,453	120,383	107,312	94,242
L-7	137,580	124,510	111,440	98,370
LT-8(65)	148,586	135,516	122,446	109,376
L-12	158,905	145,835	132,765	119,695
LT-14(65)	165,096	152,026	138,956	125,886
L-6	180,230	167,160	154,090	141,020

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.

# Lone Jack Fire Protection District

## Employees and Payroll Included in the Valuation

	Fire
Number of Employees	9
Annual Payroll	\$ 687,900

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

## **APPENDIX I**

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### **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:

### Lone Jack Fire Protection District

#### Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	Fire	\$ 422,206	\$ 435,571
L-3	Fire	527,746	544,481
LT-4(65)	Fire	546,607	564,157
LT-5(65)	Fire	621,029	640,931
L-7	Fire	633,289	653,354
LT-8(65)	Fire	695,470	717,642
L-12	Fire	738,856	762,238
LT-14(65)	Fire	769,939	794,381
L-6	Fire	844,383	871,133

# Lone Jack Fire Protection District

## 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	Fire	\$ 424,229	\$ 437,707
L-3	Fire	530,280	547,118
LT-4(65)	Fire	551,545	569,329
LT-5(65)	Fire	625,772	645,857
L-7	Fire	636,372	656,551
LT-8(65)	Fire	700,017	722,377
L-12	Fire	742,394	765,994
LT-14(65)	Fire	774,249	798,914
L-6	Fire	848,463	875,437

## **APPENDIX II**

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### **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 7.00% 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 2.25% and the wage inflation rate used in making the valuations was 2.75%. The 7.00% investment return rate translates to an assumed real rate of return over price inflation of 4.75% and over wage inflation of 4.25%. Adopted 2021.
2. The healthy retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubG-2010 Retiree Mortality Table for males and females. The disabled retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubNS-2010 Disabled Retiree Mortality Table for males and females. The pre-retirement mortality tables used were 75% of the PubG-2010 Employee Mortality Table for males and females of General groups and 75% of the PubS-2010 Employee Mortality Table for males and females of Police, Fire and Public Safety groups. Mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scale to the above described tables. Adopted 2021.
3. The probabilities of withdrawal and disability from service, together with individual pay increase assumptions, are shown in Schedule 1. Adopted 2021.
4. The probabilities of retirement with an age and service allowance are shown in Schedule 2. Adopted 2021.
5. Post-retirement cost of living allowances are assumed to be 2.00% per year. Adopted 2021.
6. Total active member payroll is assumed to increase 2.75% 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 2021.
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 and has no material limitations or known weaknesses. 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/Public Safety Members				Police		Fire	
		Men		Women					
		Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal
All	0		20.00%		23.00%		18.00%		12.00%
	1		18.00		21.00		17.00		10.00
	2		16.00		18.00		16.00		8.00
	3		13.00		15.00		14.00		8.00
	4		12.00		13.00		13.00		7.00
25	5 & Over	0.07%	8.80	0.02%	12.40	0.10%	10.80	0.07%	6.00
30		0.10	7.10	0.03	10.20	0.11	8.50	0.11	4.50
35		0.13	5.60	0.06	7.80	0.16	6.30	0.25	3.20
40		0.18	4.10	0.09	5.80	0.22	4.60	0.39	2.40
45		0.25	3.10	0.15	4.40	0.34	3.40	0.62	1.90
50		0.37	2.40	0.22	3.50	0.53	2.10	0.95	1.30
55		0.57	1.70	0.32	2.50	0.88	1.10	1.46	0.70
60	0.86	1.10	0.45	1.40		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/ Public Safety	Police	Fire
25	6.75%	6.55%	7.15%
30	5.95	5.75	6.05
35	5.35	5.25	5.15
40	4.85	4.75	4.45
45	4.25	4.25	4.05
50	3.85	3.85	3.85
55	3.65	3.65	3.45

## 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%	2.25%
56	3.00%	3.00%	51	2.50%	2.25%
57	3.00%	3.00%	52	3.00%	2.25%
58	3.00%	3.00%	53	3.00%	2.25%
59	3.00%	3.00%	54	3.50%	2.25%

#### Normal Retirement

Retirement Ages	General Members		Retirement Ages	Police/ Public Safety	Fire
	Men	Women			
60	10%	10%	55	11%	13%
61	10	10	56	11	13
62	25	15	57	11	13
63	20	15	58	11	13
64	20	15	59	11	13
65	25	25	60	11	15
66	25	30	61	11	20
67	20	25	62	22	20
68	20	25	63	18	20
69	20	20	64	18	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	20%	15%	25%	25%
51	20	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	25	15	20	45
63	25	15	20	45
64	25	20	20	45
65	30	25	100	100
66	30	25		
67	20	25		
68	20	25		
69	20	25		
70	100	100		

## **APPENDIX III**

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### **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, 2024

#### (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**

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### **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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 1,031	\$1,556	104%
2,000	700	1,174	1,874	94%
2,500	875	1,314	2,189	88%
3,000	1,050	1,455	2,505	84%
3,500	1,225	1,599	2,824	81%
4,000	1,400	1,739	3,139	78%
25 Years of Service:				
\$1,500	\$ 375	\$ 1,031	\$1,406	94%
2,000	500	1,174	1,674	84%
2,500	625	1,314	1,939	78%
3,000	750	1,455	2,205	74%
3,500	875	1,599	2,474	71%
4,000	1,000	1,739	2,739	68%
15 Years of Service:				
\$1,500	\$225	\$ 1,031	\$1,256	84%
2,000	300	1,174	1,474	74%
2,500	375	1,314	1,689	68%
3,000	450	1,455	1,905	64%
3,500	525	1,599	2,124	61%
4,000	600	1,739	2,339	58%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 656	\$ 1,031	\$1,687	112%
2,000	875	1,174	2,049	102%
2,500	1,094	1,314	2,408	96%
3,000	1,313	1,455	2,768	92%
3,500	1,531	1,599	3,130	89%
4,000	1,750	1,739	3,489	87%
25 Years of Service:				
\$1,500	\$ 469	\$ 1,031	\$1,500	100%
2,000	625	1,174	1,799	90%
2,500	781	1,314	2,095	84%
3,000	938	1,455	2,393	80%
3,500	1,094	1,599	2,693	77%
4,000	1,250	1,739	2,989	75%
15 Years of Service:				
\$1,500	\$281	\$ 1,031	\$1,312	87%
2,000	375	1,174	1,549	77%
2,500	469	1,314	1,783	71%
3,000	563	1,455	2,018	67%
3,500	656	1,599	2,255	64%
4,000	750	1,739	2,489	62%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 788	\$ 1,031	\$1,819	121%
2,000	1,050	1,174	2,224	111%
2,500	1,313	1,314	2,627	105%
3,000	1,575	1,455	3,030	101%
3,500	1,838	1,599	3,437	98%
4,000	2,100	1,739	3,839	96%
25 Years of Service:				
\$1,500	\$ 563	\$ 1,031	\$1,594	106%
2,000	750	1,174	1,924	96%
2,500	938	1,314	2,252	90%
3,000	1,125	1,455	2,580	86%
3,500	1,313	1,599	2,912	83%
4,000	1,500	1,739	3,239	81%
15 Years of Service:				
\$1,500	\$338	\$ 1,031	\$1,369	91%
2,000	450	1,174	1,624	81%
2,500	563	1,314	1,877	75%
3,000	675	1,455	2,130	71%
3,500	788	1,599	2,387	68%
4,000	900	1,739	2,639	66%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )**

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 1,031	\$1,950	130%
2,000	1,225	1,174	2,399	120%
2,500	1,531	1,314	2,845	114%
3,000	1,838	1,455	3,293	110%
3,500	2,144	1,599	3,743	107%
4,000	2,450	1,739	4,189	105%
25 Years of Service:				
\$1,500	\$ 656	\$ 1,031	\$1,687	112%
2,000	875	1,174	2,049	102%
2,500	1,094	1,314	2,408	96%
3,000	1,313	1,455	2,768	92%
3,500	1,531	1,599	3,130	89%
4,000	1,750	1,739	3,489	87%
15 Years of Service:				
\$1,500	\$ 394	\$ 1,031	\$1,425	95%
2,000	525	1,174	1,699	85%
2,500	656	1,314	1,970	79%
3,000	788	1,455	2,243	75%
3,500	919	1,599	2,518	72%
4,000	1,050	1,739	2,789	70%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 1,031	\$2,081	139%
2,000	1,400	1,174	2,574	129%
2,500	1,750	1,314	3,064	123%
3,000	2,100	1,455	3,555	119%
3,500	2,450	1,599	4,049	116%
4,000	2,800	1,739	4,539	113%
25 Years of Service:				
\$1,500	\$ 750	\$ 1,031	\$1,781	119%
2,000	1,000	1,174	2,174	109%
2,500	1,250	1,314	2,564	103%
3,000	1,500	1,455	2,955	99%
3,500	1,750	1,599	3,349	96%
4,000	2,000	1,739	3,739	93%
15 Years of Service:				
\$1,500	\$ 450	\$ 1,031	\$1,481	99%
2,000	600	1,174	1,774	89%
2,500	750	1,314	2,064	83%
3,000	900	1,455	2,355	79%
3,500	1,050	1,599	2,649	76%
4,000	1,200	1,739	2,939	73%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> to age 65) 1.00% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,556	70%	104%
2,000	1,400	700	1,174	1,400	1,874	70%	94%
2,500	1,750	875	1,314	1,750	2,189	70%	88%
3,000	2,100	1,050	1,455	2,100	2,505	70%	84%
3,500	2,450	1,225	1,599	2,450	2,824	70%	81%
4,000	2,800	1,400	1,739	2,800	3,139	70%	78%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 1,031	\$ 750	\$1,406	50%	94%
2,000	1,000	500	1,174	1,000	1,674	50%	84%
2,500	1,250	625	1,314	1,250	1,939	50%	78%
3,000	1,500	750	1,455	1,500	2,205	50%	74%
3,500	1,750	875	1,599	1,750	2,474	50%	71%
4,000	2,000	1,000	1,739	2,000	2,739	50%	68%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 1,031	\$ 450	\$1,256	30%	84%
2,000	600	300	1,174	600	1,474	30%	74%
2,500	750	375	1,314	750	1,689	30%	68%
3,000	900	450	1,455	900	1,905	30%	64%
3,500	1,050	525	1,599	1,050	2,124	30%	61%
4,000	1,200	600	1,739	1,200	2,339	30%	58%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> to age 65)  
1.25% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,687	70%	112%
2,000	1,400	875	1,174	1,400	2,049	70%	102%
2,500	1,750	1,094	1,314	1,750	2,408	70%	96%
3,000	2,100	1,313	1,455	2,100	2,768	70%	92%
3,500	2,450	1,531	1,599	2,450	3,130	70%	89%
4,000	2,800	1,750	1,739	2,800	3,489	70%	87%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 1,031	\$ 750	\$1,500	50%	100%
2,000	1,000	625	1,174	1,000	1,799	50%	90%
2,500	1,250	781	1,314	1,250	2,095	50%	84%
3,000	1,500	938	1,455	1,500	2,393	50%	80%
3,500	1,750	1,094	1,599	1,750	2,693	50%	77%
4,000	2,000	1,250	1,739	2,000	2,989	50%	75%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 1,031	\$ 450	\$1,312	30%	87%
2,000	600	375	1,174	600	1,549	30%	77%
2,500	750	469	1,314	750	1,783	30%	71%
3,000	900	563	1,455	900	2,018	30%	67%
3,500	1,050	656	1,599	1,050	2,255	30%	64%
4,000	1,200	750	1,739	1,200	2,489	30%	62%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> to age 65)**  
**1.50% of FAS <sup>1</sup> at age 65)**

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,819	70%	121%
2,000	1,400	1,050	1,174	1,400	2,224	70%	111%
2,500	1,750	1,313	1,314	1,750	2,627	70%	105%
3,000	2,100	1,575	1,455	2,100	3,030	70%	101%
3,500	2,450	1,838	1,599	2,450	3,437	70%	98%
4,000	2,800	2,100	1,739	2,800	3,839	70%	96%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 1,031	\$ 750	\$1,594	50%	106%
2,000	1,000	750	1,174	1,000	1,924	50%	96%
2,500	1,250	938	1,314	1,250	2,252	50%	90%
3,000	1,500	1,125	1,455	1,500	2,580	50%	86%
3,500	1,750	1,313	1,599	1,750	2,912	50%	83%
4,000	2,000	1,500	1,739	2,000	3,239	50%	81%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 1,031	\$ 450	\$1,369	30%	91%
2,000	600	450	1,174	600	1,624	30%	81%
2,500	750	563	1,314	750	1,877	30%	75%
3,000	900	675	1,455	900	2,130	30%	71%
3,500	1,050	788	1,599	1,050	2,387	30%	68%
4,000	1,200	900	1,739	1,200	2,639	30%	66%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> to age 65)  
1.75% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,950	70%	130%
2,000	1,400	1,225	1,174	1,400	2,399	70%	120%
2,500	1,750	1,531	1,314	1,750	2,845	70%	114%
3,000	2,100	1,838	1,455	2,100	3,293	70%	110%
3,500	2,450	2,144	1,599	2,450	3,743	70%	107%
4,000	2,800	2,450	1,739	2,800	4,189	70%	105%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 1,031	\$ 750	\$1,687	50%	112%
2,000	1,000	875	1,174	1,000	2,049	50%	102%
2,500	1,250	1,094	1,314	1,250	2,408	50%	96%
3,000	1,500	1,313	1,455	1,500	2,768	50%	92%
3,500	1,750	1,531	1,599	1,750	3,130	50%	89%
4,000	2,000	1,750	1,739	2,000	3,489	50%	87%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 1,031	\$ 450	\$1,425	30%	95%
2,000	600	525	1,174	600	1,699	30%	85%
2,500	750	656	1,314	750	1,970	30%	79%
3,000	900	788	1,455	900	2,243	30%	75%
3,500	1,050	919	1,599	1,050	2,518	30%	72%
4,000	1,200	1,050	1,739	1,200	2,789	30%	70%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

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

## **APPENDIX V**

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### **AGE AND SERVICE CHARACTERISTICS OF EMPLOYEES**

# Lone Jack Fire Protection District - Fire

October 31, 2024

## 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
<b>Under 20</b>									
20-24									
25-29	2							2	\$ 107,500
30-34									
35-39	1							1	\$ 69,500
40-44	1							1	\$ 92,000
45-49		1						1	\$ 123,000
50-54	1		1	1				3	\$ 224,900
55-59		1						1	\$ 71,000
60-64									
65-69									
<b>70 &amp; Over</b>									
<b>Totals</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>9</b>	<b>\$ 687,900</b>

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

Age: 43.4 years.

Benefit Service: 5.8 years.

Annual Pay: \$76,433.

## **APPENDIX VI**

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### **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.



December 6, 2024 E-mail

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

Dear Mr. Betts:

Enclosed is the report of the October 31, 2024 Initial Actuarial Valuation of LAGERS benefits for the employees of

Lone Jack Fire Protection District

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



December 6, 2024

Lone Jack Fire Protection District  
Lone Jack, Missouri

Ladies and Gentlemen:

This report contains 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. This report is intended to be a supplement to the October 31, 2024 Initial Valuation for the Lone Jack Fire Protection District dated December 6, 2024.

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, 2024. 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,  
Gabriel, Roeder, Smith & Company

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



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	13.2%	\$90,803	\$ 422,206	16.2%	\$111,440	\$ 527,746	16.2%	\$111,440	\$ 546,607
2025	706,817	13.2	93,300	426,256	16.2	114,504	532,808	16.2	114,504	551,850
2026	726,254	13.2	95,866	429,888	16.2	117,653	537,348	16.2	117,653	556,552
2027	746,226	13.2	98,502	433,054	16.2	120,889	541,305	16.2	120,889	560,651
2028	766,747	13.2	101,211	435,701	16.2	124,213	544,614	16.2	124,213	564,078
2029	787,833	13.2	103,994	437,772	16.2	127,629	547,203	16.2	127,629	566,760
2030	809,498	13.2	106,854	439,207	16.2	131,139	548,996	16.2	131,139	568,617
2031	831,759	13.2	109,792	439,939	16.2	134,745	549,911	16.2	134,745	569,564
2032	854,632	13.2	112,811	439,897	16.2	138,450	549,858	16.2	138,450	569,509
2033	878,134	13.2	115,914	439,004	16.2	142,258	548,741	16.2	142,258	568,352

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	
2024	\$ 687,900	18.5%	\$127,262	\$ 621,029	19.2%	\$132,077	\$ 633,289	20.7%	\$142,395	\$ 695,470
2025	706,817	18.5	130,761	626,986	19.2	135,709	639,364	20.7	146,311	702,141
2026	726,254	18.5	134,357	632,329	19.2	139,441	644,812	20.7	150,335	708,124
2027	746,226	18.5	138,052	636,986	19.2	143,275	649,561	20.7	154,469	713,339
2028	766,747	18.5	141,848	640,879	19.2	147,215	653,531	20.7	158,717	717,699
2029	787,833	18.5	145,749	643,926	19.2	151,264	656,638	20.7	163,081	721,111
2030	809,498	18.5	149,757	646,036	19.2	155,424	658,790	20.7	167,566	723,474
2031	831,759	18.5	153,875	647,112	19.2	159,698	659,888	20.7	172,174	724,679
2032	854,632	18.5	158,107	647,050	19.2	164,089	659,824	20.7	176,909	724,609
2033	878,134	18.5	162,455	645,736	19.2	168,602	658,484	20.7	181,774	723,137

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	
2024	\$ 687,900	22.2%	\$152,714	\$ 738,856	22.9%	\$157,529	\$ 769,939	25.3%	\$174,039	\$ 844,383
2025	706,817	22.2	156,913	745,944	22.9	161,861	777,325	25.3	178,825	852,483
2026	726,254	22.2	161,228	752,300	22.9	166,312	783,949	25.3	183,742	859,747
2027	746,226	22.2	165,662	757,840	22.9	170,886	789,722	25.3	188,795	866,078
2028	766,747	22.2	170,218	762,472	22.9	175,585	794,549	25.3	193,987	871,372
2029	787,833	22.2	174,899	766,097	22.9	180,414	798,326	25.3	199,322	875,515
2030	809,498	22.2	179,709	768,608	22.9	185,375	800,942	25.3	204,803	878,384
2031	831,759	22.2	184,650	769,889	22.9	190,473	802,276	25.3	210,435	879,848
2032	854,632	22.2	189,728	769,815	22.9	195,711	802,199	25.3	216,222	879,763
2033	878,134	22.2	194,946	768,252	22.9	201,093	800,570	25.3	222,168	877,976

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	11.3%	\$77,733	\$ 422,206	14.3%	\$98,370	\$ 527,746	14.3%	\$98,370	\$ 546,607
2025	706,817	11.3	79,870	426,256	14.3	101,075	532,808	14.3	101,075	551,850
2026	726,254	11.3	82,067	429,888	14.3	103,854	537,348	14.3	103,854	556,552
2027	746,226	11.3	84,324	433,054	14.3	106,710	541,305	14.3	106,710	560,651
2028	766,747	11.3	86,642	435,701	14.3	109,645	544,614	14.3	109,645	564,078
2029	787,833	11.3	89,025	437,772	14.3	112,660	547,203	14.3	112,660	566,760
2030	809,498	11.3	91,473	439,207	14.3	115,758	548,996	14.3	115,758	568,617
2031	831,759	11.3	93,989	439,939	14.3	118,942	549,911	14.3	118,942	569,564
2032	854,632	11.3	96,573	439,897	14.3	122,212	549,858	14.3	122,212	569,509
2033	878,134	11.3	99,229	439,004	14.3	125,573	548,741	14.3	125,573	568,352

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	
2024	\$ 687,900	16.6%	\$114,191	\$ 621,029	17.3%	\$119,007	\$ 633,289	18.8%	\$129,325	\$ 695,470
2025	706,817	16.6	117,332	626,986	17.3	122,279	639,364	18.8	132,882	702,141
2026	726,254	16.6	120,558	632,329	17.3	125,642	644,812	18.8	136,536	708,124
2027	746,226	16.6	123,874	636,986	17.3	129,097	649,561	18.8	140,290	713,339
2028	766,747	16.6	127,280	640,879	17.3	132,647	653,531	18.8	144,148	717,699
2029	787,833	16.6	130,780	643,926	17.3	136,295	656,638	18.8	148,113	721,111
2030	809,498	16.6	134,377	646,036	17.3	140,043	658,790	18.8	152,186	723,474
2031	831,759	16.6	138,072	647,112	17.3	143,894	659,888	18.8	156,371	724,679
2032	854,632	16.6	141,869	647,050	17.3	147,851	659,824	18.8	160,671	724,609
2033	878,134	16.6	145,770	645,736	17.3	151,917	658,484	18.8	165,089	723,137

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	
2024	\$ 687,900	20.3%	\$139,644	\$ 738,856	21.0%	\$144,459	\$ 769,939	23.4%	\$160,969	\$ 844,383
2025	706,817	20.3	143,484	745,944	21.0	148,432	777,325	23.4	165,395	852,483
2026	726,254	20.3	147,430	752,300	21.0	152,513	783,949	23.4	169,943	859,747
2027	746,226	20.3	151,484	757,840	21.0	156,707	789,722	23.4	174,617	866,078
2028	766,747	20.3	155,650	762,472	21.0	161,017	794,549	23.4	179,419	871,372
2029	787,833	20.3	159,930	766,097	21.0	165,445	798,326	23.4	184,353	875,515
2030	809,498	20.3	164,328	768,608	21.0	169,995	800,942	23.4	189,423	878,384
2031	831,759	20.3	168,847	769,889	21.0	174,669	802,276	23.4	194,632	879,848
2032	854,632	20.3	173,490	769,815	21.0	179,473	802,199	23.4	199,984	879,763
2033	878,134	20.3	178,261	768,252	21.0	184,408	800,570	23.4	205,483	877,976

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	9.4%	\$64,663	\$ 422,206	12.4%	\$85,300	\$ 527,746	12.4%	\$85,300	\$ 546,607
2025	706,817	9.4	66,441	426,256	12.4	87,645	532,808	12.4	87,645	551,850
2026	726,254	9.4	68,268	429,888	12.4	90,055	537,348	12.4	90,055	556,552
2027	746,226	9.4	70,145	433,054	12.4	92,532	541,305	12.4	92,532	560,651
2028	766,747	9.4	72,074	435,701	12.4	95,077	544,614	12.4	95,077	564,078
2029	787,833	9.4	74,056	437,772	12.4	97,691	547,203	12.4	97,691	566,760
2030	809,498	9.4	76,093	439,207	12.4	100,378	548,996	12.4	100,378	568,617
2031	831,759	9.4	78,185	439,939	12.4	103,138	549,911	12.4	103,138	569,564
2032	854,632	9.4	80,335	439,897	12.4	105,974	549,858	12.4	105,974	569,509
2033	878,134	9.4	82,545	439,004	12.4	108,889	548,741	12.4	108,889	568,352

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	
2024	\$ 687,900	14.7%	\$101,121	\$ 621,029	15.4%	\$105,937	\$ 633,289	16.9%	\$116,255	\$ 695,470
2025	706,817	14.7	103,902	626,986	15.4	108,850	639,364	16.9	119,452	702,141
2026	726,254	14.7	106,759	632,329	15.4	111,843	644,812	16.9	122,737	708,124
2027	746,226	14.7	109,695	636,986	15.4	114,919	649,561	16.9	126,112	713,339
2028	766,747	14.7	112,712	640,879	15.4	118,079	653,531	16.9	129,580	717,699
2029	787,833	14.7	115,811	643,926	15.4	121,326	656,638	16.9	133,144	721,111
2030	809,498	14.7	118,996	646,036	15.4	124,663	658,790	16.9	136,805	723,474
2031	831,759	14.7	122,269	647,112	15.4	128,091	659,888	16.9	140,567	724,679
2032	854,632	14.7	125,631	647,050	15.4	131,613	659,824	16.9	144,433	724,609
2033	878,134	14.7	129,086	645,736	15.4	135,233	658,484	16.9	148,405	723,137

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	
2024	\$ 687,900	18.4%	\$126,574	\$ 738,856	19.1%	\$131,389	\$ 769,939	21.5%	\$147,899	\$ 844,383
2025	706,817	18.4	130,054	745,944	19.1	135,002	777,325	21.5	151,966	852,483
2026	726,254	18.4	133,631	752,300	19.1	138,715	783,949	21.5	156,145	859,747
2027	746,226	18.4	137,306	757,840	19.1	142,529	789,722	21.5	160,439	866,078
2028	766,747	18.4	141,081	762,472	19.1	146,449	794,549	21.5	164,851	871,372
2029	787,833	18.4	144,961	766,097	19.1	150,476	798,326	21.5	169,384	875,515
2030	809,498	18.4	148,948	768,608	19.1	154,614	800,942	21.5	174,042	878,384
2031	831,759	18.4	153,044	769,889	19.1	158,866	802,276	21.5	178,828	879,848
2032	854,632	18.4	157,252	769,815	19.1	163,235	802,199	21.5	183,746	879,763
2033	878,134	18.4	161,577	768,252	19.1	167,724	800,570	21.5	188,799	877,976

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	7.5%	\$51,593	\$ 422,206	10.5%	\$72,230	\$ 527,746	10.5%	\$72,230	\$ 546,607
2025	706,817	7.5	53,011	426,256	10.5	74,216	532,808	10.5	74,216	551,850
2026	726,254	7.5	54,469	429,888	10.5	76,257	537,348	10.5	76,257	556,552
2027	746,226	7.5	55,967	433,054	10.5	78,354	541,305	10.5	78,354	560,651
2028	766,747	7.5	57,506	435,701	10.5	80,508	544,614	10.5	80,508	564,078
2029	787,833	7.5	59,087	437,772	10.5	82,722	547,203	10.5	82,722	566,760
2030	809,498	7.5	60,712	439,207	10.5	84,997	548,996	10.5	84,997	568,617
2031	831,759	7.5	62,382	439,939	10.5	87,335	549,911	10.5	87,335	569,564
2032	854,632	7.5	64,097	439,897	10.5	89,736	549,858	10.5	89,736	569,509
2033	878,134	7.5	65,860	439,004	10.5	92,204	548,741	10.5	92,204	568,352

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	
2024	\$ 687,900	12.8%	\$88,051	\$ 621,029	13.5%	\$92,867	\$ 633,289	15.0%	\$103,185	\$ 695,470
2025	706,817	12.8	90,473	626,986	13.5	95,420	639,364	15.0	106,023	702,141
2026	726,254	12.8	92,961	632,329	13.5	98,044	644,812	15.0	108,938	708,124
2027	746,226	12.8	95,517	636,986	13.5	100,741	649,561	15.0	111,934	713,339
2028	766,747	12.8	98,144	640,879	13.5	103,511	653,531	15.0	115,012	717,699
2029	787,833	12.8	100,843	643,926	13.5	106,357	656,638	15.0	118,175	721,111
2030	809,498	12.8	103,616	646,036	13.5	109,282	658,790	15.0	121,425	723,474
2031	831,759	12.8	106,465	647,112	13.5	112,287	659,888	15.0	124,764	724,679
2032	854,632	12.8	109,393	647,050	13.5	115,375	659,824	15.0	128,195	724,609
2033	878,134	12.8	112,401	645,736	13.5	118,548	658,484	15.0	131,720	723,137

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	
2024	\$ 687,900	16.5%	\$113,504	\$ 738,856	17.2%	\$118,319	\$ 769,939	19.6%	\$134,828	\$ 844,383
2025	706,817	16.5	116,625	745,944	17.2	121,573	777,325	19.6	138,536	852,483
2026	726,254	16.5	119,832	752,300	17.2	124,916	783,949	19.6	142,346	859,747
2027	746,226	16.5	123,127	757,840	17.2	128,351	789,722	19.6	146,260	866,078
2028	766,747	16.5	126,513	762,472	17.2	131,880	794,549	19.6	150,282	871,372
2029	787,833	16.5	129,992	766,097	17.2	135,507	798,326	19.6	154,415	875,515
2030	809,498	16.5	133,567	768,608	17.2	139,234	800,942	19.6	158,662	878,384
2031	831,759	16.5	137,240	769,889	17.2	143,063	802,276	19.6	163,025	879,848
2032	854,632	16.5	141,014	769,815	17.2	146,997	802,199	19.6	167,508	879,763
2033	878,134	16.5	144,892	768,252	17.2	151,039	800,570	19.6	172,114	877,976

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	13.5%	\$92,867	\$ 435,571	16.6%	\$114,191	\$ 544,481	16.7%	\$114,879	\$ 564,157
2025	706,817	13.5	95,420	439,749	16.6	117,332	549,704	16.7	118,038	569,569
2026	726,254	13.5	98,044	443,496	16.6	120,558	554,388	16.7	121,284	574,422
2027	746,226	13.5	100,741	446,762	16.6	123,874	558,471	16.7	124,620	578,652
2028	766,747	13.5	103,511	449,493	16.6	127,280	561,885	16.7	128,047	582,189
2029	787,833	13.5	106,357	451,630	16.6	130,780	564,556	16.7	131,568	584,957
2030	809,498	13.5	109,282	453,110	16.6	134,377	566,406	16.7	135,186	586,874
2031	831,759	13.5	112,287	453,865	16.6	138,072	567,350	16.7	138,904	587,852
2032	854,632	13.5	115,375	453,821	16.6	141,869	567,295	16.7	142,724	587,795
2033	878,134	13.5	118,548	452,899	16.6	145,770	566,143	16.7	146,648	586,601

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	
2024	\$ 687,900	19.0%	\$130,701	\$ 640,931	19.7%	\$135,516	\$ 653,354	21.4%	\$147,211	\$ 717,642
2025	706,817	19.0	134,295	647,079	19.7	139,243	659,621	21.4	151,259	724,526
2026	726,254	19.0	137,988	652,593	19.7	143,072	665,242	21.4	155,418	730,700
2027	746,226	19.0	141,783	657,399	19.7	147,007	670,141	21.4	159,692	736,081
2028	766,747	19.0	145,682	661,417	19.7	151,049	674,237	21.4	164,084	740,580
2029	787,833	19.0	149,688	664,561	19.7	155,203	677,442	21.4	168,596	744,101
2030	809,498	19.0	153,805	666,739	19.7	159,471	679,662	21.4	173,233	746,539
2031	831,759	19.0	158,034	667,850	19.7	163,857	680,794	21.4	177,996	747,783
2032	854,632	19.0	162,380	667,786	19.7	168,363	680,728	21.4	182,891	747,711
2033	878,134	19.0	166,845	666,430	19.7	172,992	679,346	21.4	187,921	746,193

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	
2024	\$ 687,900	22.9%	\$157,529	\$ 762,238	23.6%	\$162,344	\$ 794,381	26.0%	\$178,854	\$ 871,133
2025	706,817	22.9	161,861	769,550	23.6	166,809	802,001	26.0	183,772	879,489
2026	726,254	22.9	166,312	776,107	23.6	171,396	808,835	26.0	188,826	886,983
2027	746,226	22.9	170,886	781,822	23.6	176,109	814,791	26.0	194,019	893,515
2028	766,747	22.9	175,585	786,601	23.6	180,952	819,771	26.0	199,354	898,976
2029	787,833	22.9	180,414	790,341	23.6	185,929	823,668	26.0	204,837	903,250
2030	809,498	22.9	185,375	792,931	23.6	191,042	826,367	26.0	210,469	906,210
2031	831,759	22.9	190,473	794,252	23.6	196,295	827,744	26.0	216,257	907,720
2032	854,632	22.9	195,711	794,176	23.6	201,693	827,664	26.0	222,204	907,633
2033	878,134	22.9	201,093	792,563	23.6	207,240	825,983	26.0	228,315	905,790

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	11.6%	\$79,796	\$ 435,571	14.7%	\$101,121	\$ 544,481	14.8%	\$101,809	\$ 564,157
2025	706,817	11.6	81,991	439,749	14.7	103,902	549,704	14.8	104,609	569,569
2026	726,254	11.6	84,245	443,496	14.7	106,759	554,388	14.8	107,486	574,422
2027	746,226	11.6	86,562	446,762	14.7	109,695	558,471	14.8	110,441	578,652
2028	766,747	11.6	88,943	449,493	14.7	112,712	561,885	14.8	113,479	582,189
2029	787,833	11.6	91,389	451,630	14.7	115,811	564,556	14.8	116,599	584,957
2030	809,498	11.6	93,902	453,110	14.7	118,996	566,406	14.8	119,806	586,874
2031	831,759	11.6	96,484	453,865	14.7	122,269	567,350	14.8	123,100	587,852
2032	854,632	11.6	99,137	453,821	14.7	125,631	567,295	14.8	126,486	587,795
2033	878,134	11.6	101,864	452,899	14.7	129,086	566,143	14.8	129,964	586,601

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	
2024	\$ 687,900	17.1%	\$117,631	\$ 640,931	17.8%	\$122,446	\$ 653,354	19.5%	\$134,141	\$ 717,642
2025	706,817	17.1	120,866	647,079	17.8	125,813	659,621	19.5	137,829	724,526
2026	726,254	17.1	124,189	652,593	17.8	129,273	665,242	19.5	141,620	730,700
2027	746,226	17.1	127,605	657,399	17.8	132,828	670,141	19.5	145,514	736,081
2028	766,747	17.1	131,114	661,417	17.8	136,481	674,237	19.5	149,516	740,580
2029	787,833	17.1	134,719	664,561	17.8	140,234	677,442	19.5	153,627	744,101
2030	809,498	17.1	138,424	666,739	17.8	144,091	679,662	19.5	157,852	746,539
2031	831,759	17.1	142,231	667,850	17.8	148,053	680,794	19.5	162,193	747,783
2032	854,632	17.1	146,142	667,786	17.8	152,124	680,728	19.5	166,653	747,711
2033	878,134	17.1	150,161	666,430	17.8	156,308	679,346	19.5	171,236	746,193

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	
2024	\$ 687,900	21.0%	\$144,459	\$ 762,238	21.7%	\$149,274	\$ 794,381	24.1%	\$165,784	\$ 871,133
2025	706,817	21.0	148,432	769,550	21.7	153,379	802,001	24.1	170,343	879,489
2026	726,254	21.0	152,513	776,107	21.7	157,597	808,835	24.1	175,027	886,983
2027	746,226	21.0	156,707	781,822	21.7	161,931	814,791	24.1	179,840	893,515
2028	766,747	21.0	161,017	786,601	21.7	166,384	819,771	24.1	184,786	898,976
2029	787,833	21.0	165,445	790,341	21.7	170,960	823,668	24.1	189,868	903,250
2030	809,498	21.0	169,995	792,931	21.7	175,661	826,367	24.1	195,089	906,210
2031	831,759	21.0	174,669	794,252	21.7	180,492	827,744	24.1	200,454	907,720
2032	854,632	21.0	179,473	794,176	21.7	185,455	827,664	24.1	205,966	907,633
2033	878,134	21.0	184,408	792,563	21.7	190,555	825,983	24.1	211,630	905,790

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	9.7%	\$66,726	\$ 435,571	12.8%	\$88,051	\$ 544,481	12.9%	\$88,739	\$ 564,157
2025	706,817	9.7	68,561	439,749	12.8	90,473	549,704	12.9	91,179	569,569
2026	726,254	9.7	70,447	443,496	12.8	92,961	554,388	12.9	93,687	574,422
2027	746,226	9.7	72,384	446,762	12.8	95,517	558,471	12.9	96,263	578,652
2028	766,747	9.7	74,374	449,493	12.8	98,144	561,885	12.9	98,910	582,189
2029	787,833	9.7	76,420	451,630	12.8	100,843	564,556	12.9	101,630	584,957
2030	809,498	9.7	78,521	453,110	12.8	103,616	566,406	12.9	104,425	586,874
2031	831,759	9.7	80,681	453,865	12.8	106,465	567,350	12.9	107,297	587,852
2032	854,632	9.7	82,899	453,821	12.8	109,393	567,295	12.9	110,248	587,795
2033	878,134	9.7	85,179	452,899	12.8	112,401	566,143	12.9	113,279	586,601

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	
2024	\$ 687,900	15.2%	\$104,561	\$ 640,931	15.9%	\$109,376	\$ 653,354	17.6%	\$121,070	\$ 717,642
2025	706,817	15.2	107,436	647,079	15.9	112,384	659,621	17.6	124,400	724,526
2026	726,254	15.2	110,391	652,593	15.9	115,474	665,242	17.6	127,821	730,700
2027	746,226	15.2	113,426	657,399	15.9	118,650	670,141	17.6	131,336	736,081
2028	766,747	15.2	116,546	661,417	15.9	121,913	674,237	17.6	134,947	740,580
2029	787,833	15.2	119,751	664,561	15.9	125,265	677,442	17.6	138,659	744,101
2030	809,498	15.2	123,044	666,739	15.9	128,710	679,662	17.6	142,472	746,539
2031	831,759	15.2	126,427	667,850	15.9	132,250	680,794	17.6	146,390	747,783
2032	854,632	15.2	129,904	667,786	15.9	135,886	680,728	17.6	150,415	747,711
2033	878,134	15.2	133,476	666,430	15.9	139,623	679,346	17.6	154,552	746,193

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	
2024	\$ 687,900	19.1%	\$131,389	\$ 762,238	19.8%	\$136,204	\$ 794,381	22.2%	\$152,714	\$ 871,133
2025	706,817	19.1	135,002	769,550	19.8	139,950	802,001	22.2	156,913	879,489
2026	726,254	19.1	138,715	776,107	19.8	143,798	808,835	22.2	161,228	886,983
2027	746,226	19.1	142,529	781,822	19.8	147,753	814,791	22.2	165,662	893,515
2028	766,747	19.1	146,449	786,601	19.8	151,816	819,771	22.2	170,218	898,976
2029	787,833	19.1	150,476	790,341	19.8	155,991	823,668	22.2	174,899	903,250
2030	809,498	19.1	154,614	792,931	19.8	160,281	826,367	22.2	179,709	906,210
2031	831,759	19.1	158,866	794,252	19.8	164,688	827,744	22.2	184,650	907,720
2032	854,632	19.1	163,235	794,176	19.8	169,217	827,664	22.2	189,728	907,633
2033	878,134	19.1	167,724	792,563	19.8	173,871	825,983	22.2	194,946	905,790

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	7.8%	\$53,656	\$ 435,571	10.9%	\$74,981	\$ 544,481	11.0%	\$75,669	\$ 564,157
2025	706,817	7.8	55,132	439,749	10.9	77,043	549,704	11.0	77,750	569,569
2026	726,254	7.8	56,648	443,496	10.9	79,162	554,388	11.0	79,888	574,422
2027	746,226	7.8	58,206	446,762	10.9	81,339	558,471	11.0	82,085	578,652
2028	766,747	7.8	59,806	449,493	10.9	83,575	561,885	11.0	84,342	582,189
2029	787,833	7.8	61,451	451,630	10.9	85,874	564,556	11.0	86,662	584,957
2030	809,498	7.8	63,141	453,110	10.9	88,235	566,406	11.0	89,045	586,874
2031	831,759	7.8	64,877	453,865	10.9	90,662	567,350	11.0	91,493	587,852
2032	854,632	7.8	66,661	453,821	10.9	93,155	567,295	11.0	94,010	587,795
2033	878,134	7.8	68,494	452,899	10.9	95,717	566,143	11.0	96,595	586,601

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	
2024	\$ 687,900	13.3%	\$91,491	\$ 640,931	14.0%	\$96,306	\$ 653,354	15.7%	\$108,000	\$ 717,642
2025	706,817	13.3	94,007	647,079	14.0	98,954	659,621	15.7	110,970	724,526
2026	726,254	13.3	96,592	652,593	14.0	101,676	665,242	15.7	114,022	730,700
2027	746,226	13.3	99,248	657,399	14.0	104,472	670,141	15.7	117,157	736,081
2028	766,747	13.3	101,977	661,417	14.0	107,345	674,237	15.7	120,379	740,580
2029	787,833	13.3	104,782	664,561	14.0	110,297	677,442	15.7	123,690	744,101
2030	809,498	13.3	107,663	666,739	14.0	113,330	679,662	15.7	127,091	746,539
2031	831,759	13.3	110,624	667,850	14.0	116,446	680,794	15.7	130,586	747,783
2032	854,632	13.3	113,666	667,786	14.0	119,648	680,728	15.7	134,177	747,711
2033	878,134	13.3	116,792	666,430	14.0	122,939	679,346	15.7	137,867	746,193

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	
2024	\$ 687,900	17.2%	\$118,319	\$ 762,238	17.9%	\$123,134	\$ 794,381	20.3%	\$139,644	\$ 871,133
2025	706,817	17.2	121,573	769,550	17.9	126,520	802,001	20.3	143,484	879,489
2026	726,254	17.2	124,916	776,107	17.9	129,999	808,835	20.3	147,430	886,983
2027	746,226	17.2	128,351	781,822	17.9	133,574	814,791	20.3	151,484	893,515
2028	766,747	17.2	131,880	786,601	17.9	137,248	819,771	20.3	155,650	898,976
2029	787,833	17.2	135,507	790,341	17.9	141,022	823,668	20.3	159,930	903,250
2030	809,498	17.2	139,234	792,931	17.9	144,900	826,367	20.3	164,328	906,210
2031	831,759	17.2	143,063	794,252	17.9	148,885	827,744	20.3	168,847	907,720
2032	854,632	17.2	146,997	794,176	17.9	152,979	827,664	20.3	173,490	907,633
2033	878,134	17.2	151,039	792,563	17.9	157,186	825,983	20.3	178,261	905,790

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	13.3%	\$91,491	\$ 424,229	16.3%	\$112,128	\$ 530,280	16.6%	\$114,191	\$ 551,545
2025	706,817	13.3	94,007	428,298	16.3	115,211	535,367	16.6	117,332	556,836
2026	726,254	13.3	96,592	431,948	16.3	118,379	539,929	16.6	120,558	561,581
2027	746,226	13.3	99,248	435,129	16.3	121,635	543,905	16.6	123,874	565,717
2028	766,747	13.3	101,977	437,789	16.3	124,980	547,229	16.6	127,280	569,175
2029	787,833	13.3	104,782	439,870	16.3	128,417	549,831	16.6	130,780	571,881
2030	809,498	13.3	107,663	441,311	16.3	131,948	551,633	16.6	134,377	573,755
2031	831,759	13.3	110,624	442,046	16.3	135,577	552,552	16.6	138,072	574,711
2032	854,632	13.3	113,666	442,003	16.3	139,305	552,499	16.6	141,869	574,656
2033	878,134	13.3	116,792	441,105	16.3	143,136	551,377	16.6	145,770	573,489

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	
2024	\$ 687,900	18.8%	\$129,325	\$ 625,772	19.4%	\$133,453	\$ 636,372	21.0%	\$144,459	\$ 700,017
2025	706,817	18.8	132,882	631,775	19.4	137,122	642,477	21.0	148,432	706,732
2026	726,254	18.8	136,536	637,158	19.4	140,893	647,952	21.0	152,513	712,754
2027	746,226	18.8	140,290	641,850	19.4	144,768	652,724	21.0	156,707	718,003
2028	766,747	18.8	144,148	645,773	19.4	148,749	656,714	21.0	161,017	722,392
2029	787,833	18.8	148,113	648,843	19.4	152,840	659,836	21.0	165,445	725,826
2030	809,498	18.8	152,186	650,969	19.4	157,043	661,998	21.0	169,995	728,205
2031	831,759	18.8	156,371	652,054	19.4	161,361	663,101	21.0	174,669	729,418
2032	854,632	18.8	160,671	651,991	19.4	165,799	663,037	21.0	179,473	729,348
2033	878,134	18.8	165,089	650,667	19.4	170,358	661,690	21.0	184,408	727,867

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	
2024	\$ 687,900	22.4%	\$154,090	\$ 742,394	23.3%	\$160,281	\$ 774,249	25.5%	\$175,415	\$ 848,463
2025	706,817	22.4	158,327	749,516	23.3	164,688	781,676	25.5	180,238	856,602
2026	726,254	22.4	162,681	755,903	23.3	169,217	788,337	25.5	185,195	863,901
2027	746,226	22.4	167,155	761,470	23.3	173,871	794,143	25.5	190,288	870,263
2028	766,747	22.4	171,751	766,124	23.3	178,652	798,997	25.5	195,520	875,582
2029	787,833	22.4	176,475	769,766	23.3	183,565	802,796	25.5	200,897	879,745
2030	809,498	22.4	181,328	772,289	23.3	188,613	805,427	25.5	206,422	882,628
2031	831,759	22.4	186,314	773,576	23.3	193,800	806,769	25.5	212,099	884,099
2032	854,632	22.4	191,438	773,502	23.3	199,129	806,691	25.5	217,931	884,014
2033	878,134	22.4	196,702	771,931	23.3	204,605	805,053	25.5	223,924	882,219

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	11.4%	\$78,421	\$ 424,229	14.4%	\$99,058	\$ 530,280	14.7%	\$101,121	\$ 551,545
2025	706,817	11.4	80,577	428,298	14.4	101,782	535,367	14.7	103,902	556,836
2026	726,254	11.4	82,793	431,948	14.4	104,581	539,929	14.7	106,759	561,581
2027	746,226	11.4	85,070	435,129	14.4	107,457	543,905	14.7	109,695	565,717
2028	766,747	11.4	87,409	437,789	14.4	110,412	547,229	14.7	112,712	569,175
2029	787,833	11.4	89,813	439,870	14.4	113,448	549,831	14.7	115,811	571,881
2030	809,498	11.4	92,283	441,311	14.4	116,568	551,633	14.7	118,996	573,755
2031	831,759	11.4	94,821	442,046	14.4	119,773	552,552	14.7	122,269	574,711
2032	854,632	11.4	97,428	442,003	14.4	123,067	552,499	14.7	125,631	574,656
2033	878,134	11.4	100,107	441,105	14.4	126,451	551,377	14.7	129,086	573,489

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	
2024	\$ 687,900	16.9%	\$116,255	\$ 625,772	17.5%	\$120,383	\$ 636,372	19.1%	\$131,389	\$ 700,017
2025	706,817	16.9	119,452	631,775	17.5	123,693	642,477	19.1	135,002	706,732
2026	726,254	16.9	122,737	637,158	17.5	127,094	647,952	19.1	138,715	712,754
2027	746,226	16.9	126,112	641,850	17.5	130,590	652,724	19.1	142,529	718,003
2028	766,747	16.9	129,580	645,773	17.5	134,181	656,714	19.1	146,449	722,392
2029	787,833	16.9	133,144	648,843	17.5	137,871	659,836	19.1	150,476	725,826
2030	809,498	16.9	136,805	650,969	17.5	141,662	661,998	19.1	154,614	728,205
2031	831,759	16.9	140,567	652,054	17.5	145,558	663,101	19.1	158,866	729,418
2032	854,632	16.9	144,433	651,991	17.5	149,561	663,037	19.1	163,235	729,348
2033	878,134	16.9	148,405	650,667	17.5	153,673	661,690	19.1	167,724	727,867

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	
2024	\$ 687,900	20.5%	\$141,020	\$ 742,394	21.4%	\$147,211	\$ 774,249	23.6%	\$162,344	\$ 848,463
2025	706,817	20.5	144,897	749,516	21.4	151,259	781,676	23.6	166,809	856,602
2026	726,254	20.5	148,882	755,903	21.4	155,418	788,337	23.6	171,396	863,901
2027	746,226	20.5	152,976	761,470	21.4	159,692	794,143	23.6	176,109	870,263
2028	766,747	20.5	157,183	766,124	21.4	164,084	798,997	23.6	180,952	875,582
2029	787,833	20.5	161,506	769,766	21.4	168,596	802,796	23.6	185,929	879,745
2030	809,498	20.5	165,947	772,289	21.4	173,233	805,427	23.6	191,042	882,628
2031	831,759	20.5	170,511	773,576	21.4	177,996	806,769	23.6	196,295	884,099
2032	854,632	20.5	175,200	773,502	21.4	182,891	806,691	23.6	201,693	884,014
2033	878,134	20.5	180,017	771,931	21.4	187,921	805,053	23.6	207,240	882,219

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	9.5%	\$65,351	\$ 424,229	12.5%	\$85,988	\$ 530,280	12.8%	\$88,051	\$ 551,545
2025	706,817	9.5	67,148	428,298	12.5	88,352	535,367	12.8	90,473	556,836
2026	726,254	9.5	68,994	431,948	12.5	90,782	539,929	12.8	92,961	561,581
2027	746,226	9.5	70,891	435,129	12.5	93,278	543,905	12.8	95,517	565,717
2028	766,747	9.5	72,841	437,789	12.5	95,843	547,229	12.8	98,144	569,175
2029	787,833	9.5	74,844	439,870	12.5	98,479	549,831	12.8	100,843	571,881
2030	809,498	9.5	76,902	441,311	12.5	101,187	551,633	12.8	103,616	573,755
2031	831,759	9.5	79,017	442,046	12.5	103,970	552,552	12.8	106,465	574,711
2032	854,632	9.5	81,190	442,003	12.5	106,829	552,499	12.8	109,393	574,656
2033	878,134	9.5	83,423	441,105	12.5	109,767	551,377	12.8	112,401	573,489

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	
2024	\$ 687,900	15.0%	\$103,185	\$ 625,772	15.6%	\$107,312	\$ 636,372	17.2%	\$118,319	\$ 700,017
2025	706,817	15.0	106,023	631,775	15.6	110,263	642,477	17.2	121,573	706,732
2026	726,254	15.0	108,938	637,158	15.6	113,296	647,952	17.2	124,916	712,754
2027	746,226	15.0	111,934	641,850	15.6	116,411	652,724	17.2	128,351	718,003
2028	766,747	15.0	115,012	645,773	15.6	119,613	656,714	17.2	131,880	722,392
2029	787,833	15.0	118,175	648,843	15.6	122,902	659,836	17.2	135,507	725,826
2030	809,498	15.0	121,425	650,969	15.6	126,282	661,998	17.2	139,234	728,205
2031	831,759	15.0	124,764	652,054	15.6	129,754	663,101	17.2	143,063	729,418
2032	854,632	15.0	128,195	651,991	15.6	133,323	663,037	17.2	146,997	729,348
2033	878,134	15.0	131,720	650,667	15.6	136,989	661,690	17.2	151,039	727,867

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	
2024	\$ 687,900	18.6%	\$127,949	\$ 742,394	19.5%	\$134,141	\$ 774,249	21.7%	\$149,274	\$ 848,463
2025	706,817	18.6	131,468	749,516	19.5	137,829	781,676	21.7	153,379	856,602
2026	726,254	18.6	135,083	755,903	19.5	141,620	788,337	21.7	157,597	863,901
2027	746,226	18.6	138,798	761,470	19.5	145,514	794,143	21.7	161,931	870,263
2028	766,747	18.6	142,615	766,124	19.5	149,516	798,997	21.7	166,384	875,582
2029	787,833	18.6	146,537	769,766	19.5	153,627	802,796	21.7	170,960	879,745
2030	809,498	18.6	150,567	772,289	19.5	157,852	805,427	21.7	175,661	882,628
2031	831,759	18.6	154,707	773,576	19.5	162,193	806,769	21.7	180,492	884,099
2032	854,632	18.6	158,962	773,502	19.5	166,653	806,691	21.7	185,455	884,014
2033	878,134	18.6	163,333	771,931	19.5	171,236	805,053	21.7	190,555	882,219

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	7.6%	\$52,280	\$ 424,229	10.6%	\$72,917	\$ 530,280	10.9%	\$74,981	\$ 551,545
2025	706,817	7.6	53,718	428,298	10.6	74,923	535,367	10.9	77,043	556,836
2026	726,254	7.6	55,195	431,948	10.6	76,983	539,929	10.9	79,162	561,581
2027	746,226	7.6	56,713	435,129	10.6	79,100	543,905	10.9	81,339	565,717
2028	766,747	7.6	58,273	437,789	10.6	81,275	547,229	10.9	83,575	569,175
2029	787,833	7.6	59,875	439,870	10.6	83,510	549,831	10.9	85,874	571,881
2030	809,498	7.6	61,522	441,311	10.6	85,807	551,633	10.9	88,235	573,755
2031	831,759	7.6	63,214	442,046	10.6	88,166	552,552	10.9	90,662	574,711
2032	854,632	7.6	64,952	442,003	10.6	90,591	552,499	10.9	93,155	574,656
2033	878,134	7.6	66,738	441,105	10.6	93,082	551,377	10.9	95,717	573,489

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	
2024	\$ 687,900	13.1%	\$90,115	\$ 625,772	13.7%	\$94,242	\$ 636,372	15.3%	\$105,249	\$ 700,017
2025	706,817	13.1	92,593	631,775	13.7	96,834	642,477	15.3	108,143	706,732
2026	726,254	13.1	95,139	637,158	13.7	99,497	647,952	15.3	111,117	712,754
2027	746,226	13.1	97,756	641,850	13.7	102,233	652,724	15.3	114,173	718,003
2028	766,747	13.1	100,444	645,773	13.7	105,044	656,714	15.3	117,312	722,392
2029	787,833	13.1	103,206	648,843	13.7	107,933	659,836	15.3	120,538	725,826
2030	809,498	13.1	106,044	650,969	13.7	110,901	661,998	15.3	123,853	728,205
2031	831,759	13.1	108,960	652,054	13.7	113,951	663,101	15.3	127,259	729,418
2032	854,632	13.1	111,957	651,991	13.7	117,085	663,037	15.3	130,759	729,348
2033	878,134	13.1	115,036	650,667	13.7	120,304	661,690	15.3	134,355	727,867

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	
2024	\$ 687,900	16.7%	\$114,879	\$ 742,394	17.6%	\$121,070	\$ 774,249	19.8%	\$136,204	\$ 848,463
2025	706,817	16.7	118,038	749,516	17.6	124,400	781,676	19.8	139,950	856,602
2026	726,254	16.7	121,284	755,903	17.6	127,821	788,337	19.8	143,798	863,901
2027	746,226	16.7	124,620	761,470	17.6	131,336	794,143	19.8	147,753	870,263
2028	766,747	16.7	128,047	766,124	17.6	134,947	798,997	19.8	151,816	875,582
2029	787,833	16.7	131,568	769,766	17.6	138,659	802,796	19.8	155,991	879,745
2030	809,498	16.7	135,186	772,289	17.6	142,472	805,427	19.8	160,281	882,628
2031	831,759	16.7	138,904	773,576	17.6	146,390	806,769	19.8	164,688	884,099
2032	854,632	16.7	142,724	773,502	17.6	150,415	806,691	19.8	169,217	884,014
2033	878,134	16.7	146,648	771,931	17.6	154,552	805,053	19.8	173,871	882,219

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	13.7%	\$94,242	\$ 437,707	16.8%	\$115,567	\$ 547,118	17.0%	\$116,943	\$ 569,329
2025	706,817	13.7	96,834	441,906	16.8	118,745	552,366	17.0	120,159	574,790
2026	726,254	13.7	99,497	445,672	16.8	122,011	557,073	17.0	123,463	579,688
2027	746,226	13.7	102,233	448,954	16.8	125,366	561,175	17.0	126,858	583,957
2028	766,747	13.7	105,044	451,698	16.8	128,813	564,605	17.0	130,347	587,526
2029	787,833	13.7	107,933	453,845	16.8	132,356	567,289	17.0	133,932	590,319
2030	809,498	13.7	110,901	455,332	16.8	135,996	569,148	17.0	137,615	592,254
2031	831,759	13.7	113,951	456,091	16.8	139,736	570,096	17.0	141,399	593,241
2032	854,632	13.7	117,085	456,047	16.8	143,578	570,041	17.0	145,287	593,184
2033	878,134	13.7	120,304	455,121	16.8	147,527	568,883	17.0	149,283	591,979

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	
2024	\$ 687,900	19.4%	\$133,453	\$ 645,857	20.0%	\$137,580	\$ 656,551	21.6%	\$148,586	\$ 722,377
2025	706,817	19.4	137,122	652,052	20.0	141,363	662,849	21.6	152,672	729,307
2026	726,254	19.4	140,893	657,608	20.0	145,251	668,497	21.6	156,871	735,522
2027	746,226	19.4	144,768	662,451	20.0	149,245	673,420	21.6	161,185	740,939
2028	766,747	19.4	148,749	666,500	20.0	153,349	677,536	21.6	165,617	745,468
2029	787,833	19.4	152,840	669,669	20.0	157,567	680,757	21.6	170,172	749,012
2030	809,498	19.4	157,043	671,864	20.0	161,900	682,988	21.6	174,852	751,467
2031	831,759	19.4	161,361	672,983	20.0	166,352	684,126	21.6	179,660	752,719
2032	854,632	19.4	165,799	672,918	20.0	170,926	684,060	21.6	184,601	752,647
2033	878,134	19.4	170,358	671,551	20.0	175,627	682,671	21.6	189,677	751,118

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	
2024	\$ 687,900	23.1%	\$158,905	\$ 765,994	24.0%	\$165,096	\$ 798,914	26.2%	\$180,230	\$ 875,437
2025	706,817	23.1	163,275	773,342	24.0	169,636	806,578	26.2	185,186	883,835
2026	726,254	23.1	167,765	779,932	24.0	174,301	813,451	26.2	190,279	891,366
2027	746,226	23.1	172,378	785,676	24.0	179,094	819,441	26.2	195,511	897,930
2028	766,747	23.1	177,119	790,478	24.0	184,019	824,450	26.2	200,888	903,418
2029	787,833	23.1	181,989	794,236	24.0	189,080	828,370	26.2	206,412	907,713
2030	809,498	23.1	186,994	796,839	24.0	194,280	831,085	26.2	212,088	910,688
2031	831,759	23.1	192,136	798,167	24.0	199,622	832,470	26.2	217,921	912,205
2032	854,632	23.1	197,420	798,090	24.0	205,112	832,390	26.2	223,914	912,117
2033	878,134	23.1	202,849	796,469	24.0	210,752	830,700	26.2	230,071	910,265

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	11.8%	\$81,172	\$ 437,707	14.9%	\$102,497	\$ 547,118	15.1%	\$103,873	\$ 569,329
2025	706,817	11.8	83,404	441,906	14.9	105,316	552,366	15.1	106,729	574,790
2026	726,254	11.8	85,698	445,672	14.9	108,212	557,073	15.1	109,664	579,688
2027	746,226	11.8	88,055	448,954	14.9	111,188	561,175	15.1	112,680	583,957
2028	766,747	11.8	90,476	451,698	14.9	114,245	564,605	15.1	115,779	587,526
2029	787,833	11.8	92,964	453,845	14.9	117,387	567,289	15.1	118,963	590,319
2030	809,498	11.8	95,521	455,332	14.9	120,615	569,148	15.1	122,234	592,254
2031	831,759	11.8	98,148	456,091	14.9	123,932	570,096	15.1	125,596	593,241
2032	854,632	11.8	100,847	456,047	14.9	127,340	570,041	15.1	129,049	593,184
2033	878,134	11.8	103,620	455,121	14.9	130,842	568,883	15.1	132,598	591,979

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	
2024	\$ 687,900	17.5%	\$120,383	\$ 645,857	18.1%	\$124,510	\$ 656,551	19.7%	\$135,516	\$ 722,377
2025	706,817	17.5	123,693	652,052	18.1	127,934	662,849	19.7	139,243	729,307
2026	726,254	17.5	127,094	657,608	18.1	131,452	668,497	19.7	143,072	735,522
2027	746,226	17.5	130,590	662,451	18.1	135,067	673,420	19.7	147,007	740,939
2028	766,747	17.5	134,181	666,500	18.1	138,781	677,536	19.7	151,049	745,468
2029	787,833	17.5	137,871	669,669	18.1	142,598	680,757	19.7	155,203	749,012
2030	809,498	17.5	141,662	671,864	18.1	146,519	682,988	19.7	159,471	751,467
2031	831,759	17.5	145,558	672,983	18.1	150,548	684,126	19.7	163,857	752,719
2032	854,632	17.5	149,561	672,918	18.1	154,688	684,060	19.7	168,363	752,647
2033	878,134	17.5	153,673	671,551	18.1	158,942	682,671	19.7	172,992	751,118

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	
2024	\$ 687,900	21.2%	\$145,835	\$ 765,994	22.1%	\$152,026	\$ 798,914	24.3%	\$167,160	\$ 875,437
2025	706,817	21.2	149,845	773,342	22.1	156,207	806,578	24.3	171,757	883,835
2026	726,254	21.2	153,966	779,932	22.1	160,502	813,451	24.3	176,480	891,366
2027	746,226	21.2	158,200	785,676	22.1	164,916	819,441	24.3	181,333	897,930
2028	766,747	21.2	162,550	790,478	22.1	169,451	824,450	24.3	186,320	903,418
2029	787,833	21.2	167,021	794,236	22.1	174,111	828,370	24.3	191,443	907,713
2030	809,498	21.2	171,614	796,839	22.1	178,899	831,085	24.3	196,708	910,688
2031	831,759	21.2	176,333	798,167	22.1	183,819	832,470	24.3	202,117	912,205
2032	854,632	21.2	181,182	798,090	22.1	188,874	832,390	24.3	207,676	912,117
2033	878,134	21.2	186,164	796,469	22.1	194,068	830,700	24.3	213,387	910,265

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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 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	
2024	\$ 687,900	9.9%	\$68,102	\$ 437,707	13.0%	\$89,427	\$ 547,118	13.2%	\$90,803	\$ 569,329
2025	706,817	9.9	69,975	441,906	13.0	91,886	552,366	13.2	93,300	574,790
2026	726,254	9.9	71,899	445,672	13.0	94,413	557,073	13.2	95,866	579,688
2027	746,226	9.9	73,876	448,954	13.0	97,009	561,175	13.2	98,502	583,957
2028	766,747	9.9	75,908	451,698	13.0	99,677	564,605	13.2	101,211	587,526
2029	787,833	9.9	77,995	453,845	13.0	102,418	567,289	13.2	103,994	590,319
2030	809,498	9.9	80,140	455,332	13.0	105,235	569,148	13.2	106,854	592,254
2031	831,759	9.9	82,344	456,091	13.0	108,129	570,096	13.2	109,792	593,241
2032	854,632	9.9	84,609	456,047	13.0	111,102	570,041	13.2	112,811	593,184
2033	878,134	9.9	86,935	455,121	13.0	114,157	568,883	13.2	115,914	591,979

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	
2024	\$ 687,900	15.6%	\$107,312	\$ 645,857	16.2%	\$111,440	\$ 656,551	17.8%	\$122,446	\$ 722,377
2025	706,817	15.6	110,263	652,052	16.2	114,504	662,849	17.8	125,813	729,307
2026	726,254	15.6	113,296	657,608	16.2	117,653	668,497	17.8	129,273	735,522
2027	746,226	15.6	116,411	662,451	16.2	120,889	673,420	17.8	132,828	740,939
2028	766,747	15.6	119,613	666,500	16.2	124,213	677,536	17.8	136,481	745,468
2029	787,833	15.6	122,902	669,669	16.2	127,629	680,757	17.8	140,234	749,012
2030	809,498	15.6	126,282	671,864	16.2	131,139	682,988	17.8	144,091	751,467
2031	831,759	15.6	129,754	672,983	16.2	134,745	684,126	17.8	148,053	752,719
2032	854,632	15.6	133,323	672,918	16.2	138,450	684,060	17.8	152,124	752,647
2033	878,134	15.6	136,989	671,551	16.2	142,258	682,671	17.8	156,308	751,118

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	
2024	\$ 687,900	19.3%	\$132,765	\$ 765,994	20.2%	\$138,956	\$ 798,914	22.4%	\$154,090	\$ 875,437
2025	706,817	19.3	136,416	773,342	20.2	142,777	806,578	22.4	158,327	883,835
2026	726,254	19.3	140,167	779,932	20.2	146,703	813,451	22.4	162,681	891,366
2027	746,226	19.3	144,022	785,676	20.2	150,738	819,441	22.4	167,155	897,930
2028	766,747	19.3	147,982	790,478	20.2	154,883	824,450	22.4	171,751	903,418
2029	787,833	19.3	152,052	794,236	20.2	159,142	828,370	22.4	176,475	907,713
2030	809,498	19.3	156,233	796,839	20.2	163,519	831,085	22.4	181,328	910,688
2031	831,759	19.3	160,529	798,167	20.2	168,015	832,470	22.4	186,314	912,205
2032	854,632	19.3	164,944	798,090	20.2	172,636	832,390	22.4	191,438	912,117
2033	878,134	19.3	169,480	796,469	20.2	177,383	830,700	22.4	196,702	910,265

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Lone Jack Fire Protection District - Fire

## 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	
2024	\$ 687,900	8.0%	\$55,032	\$ 437,707	11.1%	\$76,357	\$ 547,118	11.3%	\$77,733	\$ 569,329
2025	706,817	8.0	56,545	441,906	11.1	78,457	552,366	11.3	79,870	574,790
2026	726,254	8.0	58,100	445,672	11.1	80,614	557,073	11.3	82,067	579,688
2027	746,226	8.0	59,698	448,954	11.1	82,831	561,175	11.3	84,324	583,957
2028	766,747	8.0	61,340	451,698	11.1	85,109	564,605	11.3	86,642	587,526
2029	787,833	8.0	63,027	453,845	11.1	87,449	567,289	11.3	89,025	590,319
2030	809,498	8.0	64,760	455,332	11.1	89,854	569,148	11.3	91,473	592,254
2031	831,759	8.0	66,541	456,091	11.1	92,325	570,096	11.3	93,989	593,241
2032	854,632	8.0	68,371	456,047	11.1	94,864	570,041	11.3	96,573	593,184
2033	878,134	8.0	70,251	455,121	11.1	97,473	568,883	11.3	99,229	591,979

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	
2024	\$ 687,900	13.7%	\$94,242	\$ 645,857	14.3%	\$98,370	\$ 656,551	15.9%	\$109,376	\$ 722,377
2025	706,817	13.7	96,834	652,052	14.3	101,075	662,849	15.9	112,384	729,307
2026	726,254	13.7	99,497	657,608	14.3	103,854	668,497	15.9	115,474	735,522
2027	746,226	13.7	102,233	662,451	14.3	106,710	673,420	15.9	118,650	740,939
2028	766,747	13.7	105,044	666,500	14.3	109,645	677,536	15.9	121,913	745,468
2029	787,833	13.7	107,933	669,669	14.3	112,660	680,757	15.9	125,265	749,012
2030	809,498	13.7	110,901	671,864	14.3	115,758	682,988	15.9	128,710	751,467
2031	831,759	13.7	113,951	672,983	14.3	118,942	684,126	15.9	132,250	752,719
2032	854,632	13.7	117,085	672,918	14.3	122,212	684,060	15.9	135,886	752,647
2033	878,134	13.7	120,304	671,551	14.3	125,573	682,671	15.9	139,623	751,118

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	
2024	\$ 687,900	17.4%	\$119,695	\$ 765,994	18.3%	\$125,886	\$ 798,914	20.5%	\$141,020	\$ 875,437
2025	706,817	17.4	122,986	773,342	18.3	129,348	806,578	20.5	144,897	883,835
2026	726,254	17.4	126,368	779,932	18.3	132,904	813,451	20.5	148,882	891,366
2027	746,226	17.4	129,843	785,676	18.3	136,559	819,441	20.5	152,976	897,930
2028	766,747	17.4	133,414	790,478	18.3	140,315	824,450	20.5	157,183	903,418
2029	787,833	17.4	137,083	794,236	18.3	144,173	828,370	20.5	161,506	907,713
2030	809,498	17.4	140,853	796,839	18.3	148,138	831,085	20.5	165,947	910,688
2031	831,759	17.4	144,726	798,167	18.3	152,212	832,470	20.5	170,511	912,205
2032	854,632	17.4	148,706	798,090	18.3	156,398	832,390	20.5	175,200	912,117
2033	878,134	17.4	152,795	796,469	18.3	160,699	830,700	20.5	180,017	910,265

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> have not been incorporated in the above results.
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