



The Initial Valuation For

Livingston County Central Emergency Services Board

as of May 31, 2026



Table of Contents

	Page
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



May 29, 2026

Livingston County Central Emergency Services Board
Chillicothe, 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 28, 2025.

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 May 31, 2026. 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.

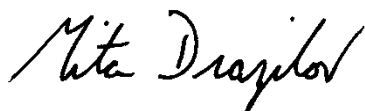
If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

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.

Livingston County Central Emergency Services Board

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	Public Safety	7.40%	0.20%	0.70%	8.30%	6.40%	4.50%	2.60%
L-3	Public Safety	9.00	0.30	0.90	10.20	8.30	6.40	4.50
LT-4(65)	Public Safety	8.90	0.20	0.90	10.00	8.10	6.20	4.30
LT-5(65)	Public Safety	10.20	0.30	1.00	11.50	9.60	7.70	5.80
L-7	Public Safety	10.70	0.30	1.10	12.10	10.20	8.30	6.40
LT-8(65)	Public Safety	11.40	0.30	1.20	12.90	11.00	9.10	7.20
L-12	Public Safety	12.30	0.40	1.20	13.90	12.00	10.10	8.20
LT-14(65)	Public Safety	12.70	0.40	1.30	14.40	12.50	10.60	8.70
L-6	Public Safety	13.90	0.50	1.40	15.80	13.90	12.00	10.10

* Prior service credit was given for vesting purposes only.

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.

Livingston County Central Emergency Services Board

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	Public Safety	7.60%	0.20%	0.70%	8.50%	6.60%	4.70%	2.80%
L-3	Public Safety	9.30	0.30	0.90	10.50	8.60	6.70	4.80
LT-4(65)	Public Safety	9.20	0.20	0.90	10.30	8.40	6.50	4.60
LT-5(65)	Public Safety	10.50	0.30	1.10	11.90	10.00	8.10	6.20
L-7	Public Safety	11.00	0.30	1.10	12.40	10.50	8.60	6.70
LT-8(65)	Public Safety	11.80	0.30	1.20	13.30	11.40	9.50	7.60
L-12	Public Safety	12.70	0.40	1.30	14.40	12.50	10.60	8.70
LT-14(65)	Public Safety	13.10	0.40	1.30	14.80	12.90	11.00	9.10
L-6	Public Safety	14.40	0.50	1.50	16.40	14.50	12.60	10.70

* Prior service credit was given for vesting purposes only.

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.

Livingston County Central Emergency Services Board

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	Public Safety	7.60%	0.20%	0.70%	8.50%	6.60%	4.70%	2.80%
L-3	Public Safety	9.30	0.30	0.90	10.50	8.60	6.70	4.80
LT-4(65)	Public Safety	9.40	0.20	1.00	10.60	8.70	6.80	4.90
LT-5(65)	Public Safety	10.60	0.30	1.10	12.00	10.10	8.20	6.30
L-7	Public Safety	10.90	0.30	1.10	12.30	10.40	8.50	6.60
LT-8(65)	Public Safety	11.80	0.30	1.20	13.30	11.40	9.50	7.60
L-12	Public Safety	12.60	0.40	1.30	14.30	12.40	10.50	8.60
LT-14(65)	Public Safety	13.00	0.40	1.30	14.70	12.80	10.90	9.00
L-6	Public Safety	14.30	0.50	1.50	16.30	14.40	12.50	10.60

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

* Prior service credit was given for vesting purposes only.

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.

Livingston County Central Emergency Services Board

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	Public Safety	7.80%	0.20%	0.80%	8.80%	6.90%	5.00%	3.10%
L-3	Public Safety	9.60	0.30	0.90	10.80	8.90	7.00	5.10
LT-4(65)	Public Safety	9.70	0.20	1.00	10.90	9.00	7.10	5.20
LT-5(65)	Public Safety	11.00	0.30	1.20	12.50	10.60	8.70	6.80
L-7	Public Safety	11.30	0.30	1.10	12.70	10.80	8.90	7.00
LT-8(65)	Public Safety	12.20	0.30	1.30	13.80	11.90	10.00	8.10
L-12	Public Safety	13.00	0.40	1.30	14.70	12.80	10.90	9.00
LT-14(65)	Public Safety	13.50	0.40	1.40	15.30	13.40	11.50	9.60
L-6	Public Safety	14.80	0.50	1.50	16.80	14.90	13.00	11.10

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.

* Prior service credit was given for vesting purposes only.

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.

Livingston County Central Emergency Services Board

Employer Contribution Dollars Public Safety

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

Regular Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 38,084	\$ 29,366	\$ 20,648	\$ 11,930
L-3	46,802	38,084	29,366	20,648
LT-4(65)	45,884	37,166	28,448	19,730
LT-5(65)	52,767	44,049	35,331	26,613
L-7	55,520	46,802	38,084	29,366
LT-8(65)	59,190	50,472	41,754	33,036
L-12	63,779	55,061	46,343	37,625
LT-14(65)	66,073	57,355	48,637	39,919
L-6	72,497	63,779	55,061	46,343

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 39,001	\$ 30,283	\$ 21,565	\$ 12,848
L-3	48,178	39,460	30,742	22,024
LT-4(65)	47,261	38,543	29,825	21,107
LT-5(65)	54,602	45,884	37,166	28,448
L-7	56,896	48,178	39,460	30,742
LT-8(65)	61,026	52,308	43,590	34,872
L-12	66,073	57,355	48,637	39,919
LT-14(65)	67,908	59,190	50,472	41,754
L-6	75,250	66,532	57,814	49,096

Rule of 80 Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 39,001	\$ 30,283	\$ 21,565	\$ 12,848
L-3	48,178	39,460	30,742	22,024
LT-4(65)	48,637	39,919	31,201	22,483
LT-5(65)	55,061	46,343	37,625	28,907
L-7	56,437	47,719	39,001	30,283
LT-8(65)	61,026	52,308	43,590	34,872
L-12	65,614	56,896	48,178	39,460
LT-14(65)	67,449	58,732	50,014	41,296
L-6	74,791	66,073	57,355	48,637

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 40,378	\$ 31,660	\$ 22,942	\$ 14,224
L-3	49,555	40,837	32,119	23,401
LT-4(65)	50,014	41,296	32,578	23,860
LT-5(65)	57,355	48,637	39,919	31,201
L-7	58,273	49,555	40,837	32,119
LT-8(65)	63,320	54,602	45,884	37,166
L-12	67,449	58,732	50,014	41,296
LT-14(65)	70,203	61,485	52,767	44,049
L-6	77,085	68,367	59,649	50,931

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.

Livingston County Central Emergency Services Board

Employees and Payroll Included in the Valuation

	Public Safety
Number of Employees	10
Annual Payroll	\$ 458,840

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

APPENDIX I

UNFUNDED ACTUARIAL ACCRUED LIABILITY

Unfunded Actuarial Accrued Liability (UAAL)

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

The policy of the LAGERS Board of Trustees provides that unfunded liabilities are to be paid for by level percent of payroll contributions over a period of 30 years. The contribution rates shown on pages 4 through 7 as the "Prior Service Cost Rate" are designed to pay for the applicable unfunded actuarial accrued liability. This procedure will allow your political subdivision to retire the unfunded actuarial accrued liability in an orderly fashion over a period of years without the need for an immediate large payment upon joining the System.

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

Livingston County Central Emergency Services Board

Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	Public Safety	\$ 55,506	\$ 57,286
L-3	Public Safety	69,380	71,652
LT-4(65)	Public Safety	71,363	73,705
LT-5(65)	Public Safety	81,268	83,933
L-7	Public Safety	83,249	86,003
LT-8(65)	Public Safety	91,158	94,217
L-12	Public Safety	97,166	100,360
LT-14(65)	Public Safety	101,106	104,435
L-6	Public Safety	111,050	114,664

Livingston County Central Emergency Services Board

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	Public Safety	\$ 57,387	\$ 59,342
L-3	Public Safety	71,752	74,181
LT-4(65)	Public Safety	79,601	82,391
LT-5(65)	Public Safety	88,408	91,475
L-7	Public Safety	86,096	89,031
LT-8(65)	Public Safety	97,192	100,568
L-12	Public Safety	100,423	103,892
LT-14(65)	Public Safety	105,986	109,635
L-6	Public Safety	114,826	118,744

APPENDIX II

SUMMARY OF FINANCIAL ASSUMPTIONS

Summary of Assumptions Used in Actuarial Valuations

Assumptions Adopted by Board of Trustees After Consulting With Actuary

1. The investment return rate used in making the valuations was 7.00% 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

SUMMARY OF LAGERS PROVISIONS

Missouri Local Government Employees Retirement System

Brief Summary of LAGERS

Benefits and Conditions Evaluated and/or Considered as of February 28, 2025

(Section references are to RSMo)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (a) The surviving spouse receives an allowance equal to the Option A allowance (joint and 75% survivor benefit) computed based upon the deceased members' service & earnings record to time of death.
- (b) When no spouse benefit is payable, the dependent children under age 18 (age 23 if they are full time students) each receive an equal share of 60% of an age & service allowance computed based upon the deceased member's service & earnings record to time of death.
- (c) If the death is determined to be duty related, the 5 year service requirement is waived and the benefit is based on years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

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

- (a) Subject to the maximum in (b), the redetermined amount is the amount other-wise payable multiplied by: 100% plus up to 4%, as determined by the LAGERS Board of Trustees, for each full year of retirement.
- (b) The redetermined amount may not exceed the amount otherwise payable multiplied by the ratio of the Consumer Price Index for the immediately preceding month of June to the Consumer Price Index for the month of June immediately preceding retirement.

Member Contributions. Sections 70.690 & 70.705. Each member contributes a percent of compensation beginning after completion of sufficient employment for 6 months of credited service. The law governing LAGERS has a provision for the adoption of a 2%, 4% or 6% member contribution rate.

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

The law governing LAGERS also has a provision for the adoption of a 0% plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the 0% plan may be done at the time of membership or a later date; however, a change in the member contribution rate may not be made more frequently than every 2 years. Under the 0% plan there is no individual account maintained for each employee and no refund of contributions if an employee terminates before being eligible for a benefit.

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

APPENDIX IV

BENEFIT ILLUSTRATIONS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total		
			\$	% of FAS	
35 Years of Service:					
\$1,500	\$ 525	\$ 994	\$1,519	101%	
2,000	700	1,129	1,829	91%	
2,500	875	1,261	2,136	85%	
3,000	1,050	1,393	2,443	81%	
3,500	1,225	1,527	2,752	79%	
4,000	1,400	1,660	3,060	77%	
25 Years of Service:					
\$1,500	\$ 375	\$ 994	\$1,369	91%	
2,000	500	1,129	1,629	81%	
2,500	625	1,261	1,886	75%	
3,000	750	1,393	2,143	71%	
3,500	875	1,527	2,402	69%	
4,000	1,000	1,660	2,660	67%	
15 Years of Service:					
\$1,500	\$225	\$ 994	\$1,219	81%	
2,000	300	1,129	1,429	71%	
2,500	375	1,261	1,636	65%	
3,000	450	1,393	1,843	61%	
3,500	525	1,527	2,052	59%	
4,000	600	1,660	2,260	57%	

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total		
			\$	% of FAS	
35 Years of Service:					
\$1,500	\$ 656	\$ 994	\$1,650	110%	
2,000	875	1,129	2,004	100%	
2,500	1,094	1,261	2,355	94%	
3,000	1,313	1,393	2,706	90%	
3,500	1,531	1,527	3,058	87%	
4,000	1,750	1,660	3,410	85%	
25 Years of Service:					
\$1,500	\$ 469	\$ 994	\$1,463	98%	
2,000	625	1,129	1,754	88%	
2,500	781	1,261	2,042	82%	
3,000	938	1,393	2,331	78%	
3,500	1,094	1,527	2,621	75%	
4,000	1,250	1,660	2,910	73%	
15 Years of Service:					
\$1,500	\$281	\$ 994	\$1,275	85%	
2,000	375	1,129	1,504	75%	
2,500	469	1,261	1,730	69%	
3,000	563	1,393	1,956	65%	
3,500	656	1,527	2,183	62%	
4,000	750	1,660	2,410	60%	

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 788	\$ 994	\$1,782	119%
2,000	1,050	1,129	2,179	109%
2,500	1,313	1,261	2,574	103%
3,000	1,575	1,393	2,968	99%
3,500	1,838	1,527	3,365	96%
4,000	2,100	1,660	3,760	94%
25 Years of Service:				
\$1,500	\$ 563	\$ 994	\$1,557	104%
2,000	750	1,129	1,879	94%
2,500	938	1,261	2,199	88%
3,000	1,125	1,393	2,518	84%
3,500	1,313	1,527	2,840	81%
4,000	1,500	1,660	3,160	79%
15 Years of Service:				
\$1,500	\$338	\$ 994	\$1,332	89%
2,000	450	1,129	1,579	79%
2,500	563	1,261	1,824	73%
3,000	675	1,393	2,068	69%
3,500	788	1,527	2,315	66%
4,000	900	1,660	2,560	64%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 994	\$1,913	128%
2,000	1,225	1,129	2,354	118%
2,500	1,531	1,261	2,792	112%
3,000	1,838	1,393	3,231	108%
3,500	2,144	1,527	3,671	105%
4,000	2,450	1,660	4,110	103%
25 Years of Service:				
\$1,500	\$ 656	\$ 994	\$1,650	110%
2,000	875	1,129	2,004	100%
2,500	1,094	1,261	2,355	94%
3,000	1,313	1,393	2,706	90%
3,500	1,531	1,527	3,058	87%
4,000	1,750	1,660	3,410	85%
15 Years of Service:				
\$1,500	\$ 394	\$ 994	\$1,388	93%
2,000	525	1,129	1,654	83%
2,500	656	1,261	1,917	77%
3,000	788	1,393	2,181	73%
3,500	919	1,527	2,446	70%
4,000	1,050	1,660	2,710	68%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 994	\$2,044	136%
2,000	1,400	1,129	2,529	126%
2,500	1,750	1,261	3,011	120%
3,000	2,100	1,393	3,493	116%
3,500	2,450	1,527	3,977	114%
4,000	2,800	1,660	4,460	112%
25 Years of Service:				
\$1,500	\$ 750	\$ 994	\$1,744	116%
2,000	1,000	1,129	2,129	106%
2,500	1,250	1,261	2,511	100%
3,000	1,500	1,393	2,893	96%
3,500	1,750	1,527	3,277	94%
4,000	2,000	1,660	3,660	92%
15 Years of Service:				
\$1,500	\$ 450	\$ 994	\$1,444	96%
2,000	600	1,129	1,729	86%
2,500	750	1,261	2,011	80%
3,000	900	1,393	2,293	76%
3,500	1,050	1,527	2,577	74%
4,000	1,200	1,660	2,860	72%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

Illustrations of Age and Service Allowance Amounts For Sample Combinations of Service & Salary (LT-4(65) Benefit Program is Years of Credited Service times: 2.00% of FAS ¹ to age 65) 1.00% of FAS ¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 525	\$ 994	\$1,050	\$1,519	70%	101%
2,000	1,400	700	1,129	1,400	1,829	70%	91%
2,500	1,750	875	1,261	1,750	2,136	70%	85%
3,000	2,100	1,050	1,393	2,100	2,443	70%	81%
3,500	2,450	1,225	1,527	2,450	2,752	70%	79%
4,000	2,800	1,400	1,660	2,800	3,060	70%	77%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 994	\$ 750	\$1,369	50%	91%
2,000	1,000	500	1,129	1,000	1,629	50%	81%
2,500	1,250	625	1,261	1,250	1,886	50%	75%
3,000	1,500	750	1,393	1,500	2,143	50%	71%
3,500	1,750	875	1,527	1,750	2,402	50%	69%
4,000	2,000	1,000	1,660	2,000	2,660	50%	67%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 994	\$ 450	\$1,219	30%	81%
2,000	600	300	1,129	600	1,429	30%	71%
2,500	750	375	1,261	750	1,636	30%	65%
3,000	900	450	1,393	900	1,843	30%	61%
3,500	1,050	525	1,527	1,050	2,052	30%	59%
4,000	1,200	600	1,660	1,200	2,260	30%	57%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

Illustrations of Age and Service Allowance Amounts For Sample Combinations of Service & Salary (LT-5(65) Benefit Program is Years of Credited Service times: 2.00% of FAS ¹ to age 65) 1.25% of FAS ¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 656	\$ 994	\$1,050	\$1,650	70%	110%
2,000	1,400	875	1,129	1,400	2,004	70%	100%
2,500	1,750	1,094	1,261	1,750	2,355	70%	94%
3,000	2,100	1,313	1,393	2,100	2,706	70%	90%
3,500	2,450	1,531	1,527	2,450	3,058	70%	87%
4,000	2,800	1,750	1,660	2,800	3,410	70%	85%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 994	\$ 750	\$1,463	50%	98%
2,000	1,000	625	1,129	1,000	1,754	50%	88%
2,500	1,250	781	1,261	1,250	2,042	50%	82%
3,000	1,500	938	1,393	1,500	2,331	50%	78%
3,500	1,750	1,094	1,527	1,750	2,621	50%	75%
4,000	2,000	1,250	1,660	2,000	2,910	50%	73%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 994	\$ 450	\$1,275	30%	85%
2,000	600	375	1,129	600	1,504	30%	75%
2,500	750	469	1,261	750	1,730	30%	69%
3,000	900	563	1,393	900	1,956	30%	65%
3,500	1,050	656	1,527	1,050	2,183	30%	62%
4,000	1,200	750	1,660	1,200	2,410	30%	60%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-8(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS ¹ to age 65)
1.50% of FAS ¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 788	\$ 994	\$1,050	\$1,782	70%	119%
2,000	1,400	1,050	1,129	1,400	2,179	70%	109%
2,500	1,750	1,313	1,261	1,750	2,574	70%	103%
3,000	2,100	1,575	1,393	2,100	2,968	70%	99%
3,500	2,450	1,838	1,527	2,450	3,365	70%	96%
4,000	2,800	2,100	1,660	2,800	3,760	70%	94%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 994	\$ 750	\$1,557	50%	104%
2,000	1,000	750	1,129	1,000	1,879	50%	94%
2,500	1,250	938	1,261	1,250	2,199	50%	88%
3,000	1,500	1,125	1,393	1,500	2,518	50%	84%
3,500	1,750	1,313	1,527	1,750	2,840	50%	81%
4,000	2,000	1,500	1,660	2,000	3,160	50%	79%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 994	\$ 450	\$1,332	30%	89%
2,000	600	450	1,129	600	1,579	30%	79%
2,500	750	563	1,261	750	1,824	30%	73%
3,000	900	675	1,393	900	2,068	30%	69%
3,500	1,050	788	1,527	1,050	2,315	30%	66%
4,000	1,200	900	1,660	1,200	2,560	30%	64%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

Illustrations of Age and Service Allowance Amounts For Sample Combinations of Service & Salary (LT-14(65) Benefit Program is Years of Credited Service times: 2.00% of FAS ¹ to age 65) 1.75% of FAS ¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 919	\$ 994	\$1,050	\$1,913	70%	128%
2,000	1,400	1,225	1,129	1,400	2,354	70%	118%
2,500	1,750	1,531	1,261	1,750	2,792	70%	112%
3,000	2,100	1,838	1,393	2,100	3,231	70%	108%
3,500	2,450	2,144	1,527	2,450	3,671	70%	105%
4,000	2,800	2,450	1,660	2,800	4,110	70%	103%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 994	\$ 750	\$1,650	50%	110%
2,000	1,000	875	1,129	1,000	2,004	50%	100%
2,500	1,250	1,094	1,261	1,250	2,355	50%	94%
3,000	1,500	1,313	1,393	1,500	2,706	50%	90%
3,500	1,750	1,531	1,527	1,750	3,058	50%	87%
4,000	2,000	1,750	1,660	2,000	3,410	50%	85%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 994	\$ 450	\$1,388	30%	93%
2,000	600	525	1,129	600	1,654	30%	83%
2,500	750	656	1,261	750	1,917	30%	77%
3,000	900	788	1,393	900	2,181	30%	73%
3,500	1,050	919	1,527	1,050	2,446	30%	70%
4,000	1,200	1,050	1,660	1,200	2,710	30%	68%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2025 - it does not include any amounts which might be payable to an eligible spouse or children.

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

APPENDIX V

AGE AND SERVICE CHARACTERISTICS OF EMPLOYEES

Livingston County Central Emergency Services Board - Public Safety

May 31, 2026

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24	1							1	\$ 43,177
25-29	3							3	\$ 128,190
30-34	1							1	\$ 41,921
35-39	1			1				2	\$ 91,229
40-44									
45-49	3							3	\$ 154,323
50-54									
55-59									
60-64									
65-69									
70 & Over									
Totals	9			1				10	\$ 458,840

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

Age: 35.1 years.

Benefit Service: 0.0 years.

Annual Pay: \$45,884.

APPENDIX VI

RISK COMMENTARY

Risk Commentary

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

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

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

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

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

The computed contribution rates shown on pages 4 thru 7 may be considered as a minimum contribution rate for the selected benefit provisions that complies with the Board's funding policy. The timely receipt of the actuarially determined contributions is critical to support the financial health of the plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.

Risk Commentary (Concluded)

PLAN MATURITY MEASURES

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

RATIO OF MARKET VALUE OF ASSETS TO PAYROLL

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

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

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

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

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

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

DURATION OF ACTUARIAL ACCRUED LIABILITY

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

ADDITIONAL RISK ASSESSMENT

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



May 29, 2026 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 May 31, 2026 Initial Actuarial Valuation of LAGERS benefits for the employees of

Livingston County Central Emergency Services Board

Sincerely,

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

Mita D. Drazilov, ASA, FCA, MAAA

MDD:wp



May 29, 2026

Livingston County Central Emergency Services Board
Chillicothe, 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 May 31, 2026 Initial Valuation for the Livingston County Central Emergency Services Board dated May 29, 2026.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of the Initial Valuation Report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 28, 2025. 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

Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	8.3%	\$38,084	\$ 55,506	10.2%	\$46,802	\$ 69,380	10.0%	\$45,884	\$ 71,363
2027	471,458	8.3	39,131	56,038	10.2	48,089	70,046	10.0	47,146	72,048
2028	484,423	8.3	40,207	56,516	10.2	49,411	70,643	10.0	48,442	72,662
2029	497,745	8.3	41,313	56,932	10.2	50,770	71,163	10.0	49,775	73,197
2030	511,433	8.3	42,449	57,280	10.2	52,166	71,598	10.0	51,143	73,644
2031	525,497	8.3	43,616	57,552	10.2	53,601	71,938	10.0	52,550	73,994
2032	539,948	8.3	44,816	57,741	10.2	55,075	72,174	10.0	53,995	74,236
2033	554,797	8.3	46,048	57,837	10.2	56,589	72,294	10.0	55,480	74,360
2034	570,054	8.3	47,314	57,831	10.2	58,146	72,287	10.0	57,005	74,353
2035	585,730	8.3	48,616	57,714	10.2	59,744	72,140	10.0	58,573	74,202

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	
2026	\$ 458,840	11.5%	\$52,767	\$ 81,268	12.1%	\$55,520	\$ 83,249	12.9%	\$59,190	\$ 91,158
2027	471,458	11.5	54,218	82,048	12.1	57,046	84,048	12.9	60,818	92,032
2028	484,423	11.5	55,709	82,747	12.1	58,615	84,764	12.9	62,491	92,816
2029	497,745	11.5	57,241	83,356	12.1	60,227	85,388	12.9	64,209	93,500
2030	511,433	11.5	58,815	83,865	12.1	61,883	85,910	12.9	65,975	94,071
2031	525,497	11.5	60,432	84,264	12.1	63,585	86,318	12.9	67,789	94,518
2032	539,948	11.5	62,094	84,540	12.1	65,334	86,601	12.9	69,653	94,828
2033	554,797	11.5	63,802	84,681	12.1	67,130	86,745	12.9	71,569	94,986
2034	570,054	11.5	65,556	84,673	12.1	68,977	86,737	12.9	73,537	94,977
2035	585,730	11.5	67,359	84,501	12.1	70,873	86,561	12.9	75,559	94,784

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	
2026	\$ 458,840	13.9%	\$63,779	\$ 97,166	14.4%	\$66,073	\$ 101,106	15.8%	\$72,497	\$ 111,050
2027	471,458	13.9	65,533	98,098	14.4	67,890	102,076	15.8	74,490	112,115
2028	484,423	13.9	67,335	98,934	14.4	69,757	102,946	15.8	76,539	113,070
2029	497,745	13.9	69,187	99,663	14.4	71,675	103,704	15.8	78,644	113,903
2030	511,433	13.9	71,089	100,272	14.4	73,646	104,338	15.8	80,806	114,599
2031	525,497	13.9	73,044	100,749	14.4	75,672	104,834	15.8	83,029	115,144
2032	539,948	13.9	75,053	101,079	14.4	77,753	105,178	15.8	85,312	115,521
2033	554,797	13.9	77,117	101,247	14.4	79,891	105,353	15.8	87,658	115,713
2034	570,054	13.9	79,238	101,237	14.4	82,088	105,343	15.8	90,069	115,702
2035	585,730	13.9	81,416	101,031	14.4	84,345	105,129	15.8	92,545	115,467

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	6.4%	\$29,366	\$ 55,506	8.3%	\$38,084	\$ 69,380	8.1%	\$37,166	\$ 71,363
2027	471,458	6.4	30,173	56,038	8.3	39,131	70,046	8.1	38,188	72,048
2028	484,423	6.4	31,003	56,516	8.3	40,207	70,643	8.1	39,238	72,662
2029	497,745	6.4	31,856	56,932	8.3	41,313	71,163	8.1	40,317	73,197
2030	511,433	6.4	32,732	57,280	8.3	42,449	71,598	8.1	41,426	73,644
2031	525,497	6.4	33,632	57,552	8.3	43,616	71,938	8.1	42,565	73,994
2032	539,948	6.4	34,557	57,741	8.3	44,816	72,174	8.1	43,736	74,236
2033	554,797	6.4	35,507	57,837	8.3	46,048	72,294	8.1	44,939	74,360
2034	570,054	6.4	36,483	57,831	8.3	47,314	72,287	8.1	46,174	74,353
2035	585,730	6.4	37,487	57,714	8.3	48,616	72,140	8.1	47,444	74,202

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	
2026	\$ 458,840	9.6%	\$44,049	\$ 81,268	10.2%	\$46,802	\$ 83,249	11.0%	\$50,472	\$ 91,158
2027	471,458	9.6	45,260	82,048	10.2	48,089	84,048	11.0	51,860	92,032
2028	484,423	9.6	46,505	82,747	10.2	49,411	84,764	11.0	53,287	92,816
2029	497,745	9.6	47,784	83,356	10.2	50,770	85,388	11.0	54,752	93,500
2030	511,433	9.6	49,098	83,865	10.2	52,166	85,910	11.0	56,258	94,071
2031	525,497	9.6	50,448	84,264	10.2	53,601	86,318	11.0	57,805	94,518
2032	539,948	9.6	51,835	84,540	10.2	55,075	86,601	11.0	59,394	94,828
2033	554,797	9.6	53,261	84,681	10.2	56,589	86,745	11.0	61,028	94,986
2034	570,054	9.6	54,725	84,673	10.2	58,146	86,737	11.0	62,706	94,977
2035	585,730	9.6	56,230	84,501	10.2	59,744	86,561	11.0	64,430	94,784

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	
2026	\$ 458,840	12.0%	\$55,061	\$ 97,166	12.5%	\$57,355	\$ 101,106	13.9%	\$63,779	\$ 111,050
2027	471,458	12.0	56,575	98,098	12.5	58,932	102,076	13.9	65,533	112,115
2028	484,423	12.0	58,131	98,934	12.5	60,553	102,946	13.9	67,335	113,070
2029	497,745	12.0	59,729	99,663	12.5	62,218	103,704	13.9	69,187	113,903
2030	511,433	12.0	61,372	100,272	12.5	63,929	104,338	13.9	71,089	114,599
2031	525,497	12.0	63,060	100,749	12.5	65,687	104,834	13.9	73,044	115,144
2032	539,948	12.0	64,794	101,079	12.5	67,494	105,178	13.9	75,053	115,521
2033	554,797	12.0	66,576	101,247	12.5	69,350	105,353	13.9	77,117	115,713
2034	570,054	12.0	68,406	101,237	12.5	71,257	105,343	13.9	79,238	115,702
2035	585,730	12.0	70,288	101,031	12.5	73,216	105,129	13.9	81,416	115,467

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	4.5%	\$20,648	\$ 55,506	6.4%	\$29,366	\$ 69,380	6.2%	\$28,448	\$ 71,363
2027	471,458	4.5	21,216	56,038	6.4	30,173	70,046	6.2	29,230	72,048
2028	484,423	4.5	21,799	56,516	6.4	31,003	70,643	6.2	30,034	72,662
2029	497,745	4.5	22,399	56,932	6.4	31,856	71,163	6.2	30,860	73,197
2030	511,433	4.5	23,014	57,280	6.4	32,732	71,598	6.2	31,709	73,644
2031	525,497	4.5	23,647	57,552	6.4	33,632	71,938	6.2	32,581	73,994
2032	539,948	4.5	24,298	57,741	6.4	34,557	72,174	6.2	33,477	74,236
2033	554,797	4.5	24,966	57,837	6.4	35,507	72,294	6.2	34,397	74,360
2034	570,054	4.5	25,652	57,831	6.4	36,483	72,287	6.2	35,343	74,353
2035	585,730	4.5	26,358	57,714	6.4	37,487	72,140	6.2	36,315	74,202

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	
2026	\$ 458,840	7.7%	\$35,331	\$ 81,268	8.3%	\$38,084	\$ 83,249	9.1%	\$41,754	\$ 91,158
2027	471,458	7.7	36,302	82,048	8.3	39,131	84,048	9.1	42,903	92,032
2028	484,423	7.7	37,301	82,747	8.3	40,207	84,764	9.1	44,082	92,816
2029	497,745	7.7	38,326	83,356	8.3	41,313	85,388	9.1	45,295	93,500
2030	511,433	7.7	39,380	83,865	8.3	42,449	85,910	9.1	46,540	94,071
2031	525,497	7.7	40,463	84,264	8.3	43,616	86,318	9.1	47,820	94,518
2032	539,948	7.7	41,576	84,540	8.3	44,816	86,601	9.1	49,135	94,828
2033	554,797	7.7	42,719	84,681	8.3	46,048	86,745	9.1	50,487	94,986
2034	570,054	7.7	43,894	84,673	8.3	47,314	86,737	9.1	51,875	94,977
2035	585,730	7.7	45,101	84,501	8.3	48,616	86,561	9.1	53,301	94,784

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	
2026	\$ 458,840	10.1%	\$46,343	\$ 97,166	10.6%	\$48,637	\$ 101,106	12.0%	\$55,061	\$ 111,050
2027	471,458	10.1	47,617	98,098	10.6	49,975	102,076	12.0	56,575	112,115
2028	484,423	10.1	48,927	98,934	10.6	51,349	102,946	12.0	58,131	113,070
2029	497,745	10.1	50,272	99,663	10.6	52,761	103,704	12.0	59,729	113,903
2030	511,433	10.1	51,655	100,272	10.6	54,212	104,338	12.0	61,372	114,599
2031	525,497	10.1	53,075	100,749	10.6	55,703	104,834	12.0	63,060	115,144
2032	539,948	10.1	54,535	101,079	10.6	57,234	105,178	12.0	64,794	115,521
2033	554,797	10.1	56,034	101,247	10.6	58,808	105,353	12.0	66,576	115,713
2034	570,054	10.1	57,575	101,237	10.6	60,426	105,343	12.0	68,406	115,702
2035	585,730	10.1	59,159	101,031	10.6	62,087	105,129	12.0	70,288	115,467

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	2.6%	\$11,930	\$ 55,506	4.5%	\$20,648	\$ 69,380	4.3%	\$19,730	\$ 71,363
2027	471,458	2.6	12,258	56,038	4.5	21,216	70,046	4.3	20,273	72,048
2028	484,423	2.6	12,595	56,516	4.5	21,799	70,643	4.3	20,830	72,662
2029	497,745	2.6	12,941	56,932	4.5	22,399	71,163	4.3	21,403	73,197
2030	511,433	2.6	13,297	57,280	4.5	23,014	71,598	4.3	21,992	73,644
2031	525,497	2.6	13,663	57,552	4.5	23,647	71,938	4.3	22,596	73,994
2032	539,948	2.6	14,039	57,741	4.5	24,298	72,174	4.3	23,218	74,236
2033	554,797	2.6	14,425	57,837	4.5	24,966	72,294	4.3	23,856	74,360
2034	570,054	2.6	14,821	57,831	4.5	25,652	72,287	4.3	24,512	74,353
2035	585,730	2.6	15,229	57,714	4.5	26,358	72,140	4.3	25,186	74,202

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	
2026	\$ 458,840	5.8%	\$26,613	\$ 81,268	6.4%	\$29,366	\$ 83,249	7.2%	\$33,036	\$ 91,158
2027	471,458	5.8	27,345	82,048	6.4	30,173	84,048	7.2	33,945	92,032
2028	484,423	5.8	28,097	82,747	6.4	31,003	84,764	7.2	34,878	92,816
2029	497,745	5.8	28,869	83,356	6.4	31,856	85,388	7.2	35,838	93,500
2030	511,433	5.8	29,663	83,865	6.4	32,732	85,910	7.2	36,823	94,071
2031	525,497	5.8	30,479	84,264	6.4	33,632	86,318	7.2	37,836	94,518
2032	539,948	5.8	31,317	84,540	6.4	34,557	86,601	7.2	38,876	94,828
2033	554,797	5.8	32,178	84,681	6.4	35,507	86,745	7.2	39,945	94,986
2034	570,054	5.8	33,063	84,673	6.4	36,483	86,737	7.2	41,044	94,977
2035	585,730	5.8	33,972	84,501	6.4	37,487	86,561	7.2	42,173	94,784

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	
2026	\$ 458,840	8.2%	\$37,625	\$ 97,166	8.7%	\$39,919	\$ 101,106	10.1%	\$46,343	\$ 111,050
2027	471,458	8.2	38,660	98,098	8.7	41,017	102,076	10.1	47,617	112,115
2028	484,423	8.2	39,723	98,934	8.7	42,145	102,946	10.1	48,927	113,070
2029	497,745	8.2	40,815	99,663	8.7	43,304	103,704	10.1	50,272	113,903
2030	511,433	8.2	41,938	100,272	8.7	44,495	104,338	10.1	51,655	114,599
2031	525,497	8.2	43,091	100,749	8.7	45,718	104,834	10.1	53,075	115,144
2032	539,948	8.2	44,276	101,079	8.7	46,975	105,178	10.1	54,535	115,521
2033	554,797	8.2	45,493	101,247	8.7	48,267	105,353	10.1	56,034	115,713
2034	570,054	8.2	46,744	101,237	8.7	49,595	105,343	10.1	57,575	115,702
2035	585,730	8.2	48,030	101,031	8.7	50,959	105,129	10.1	59,159	115,467

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	8.5%	\$39,001	\$ 57,286	10.5%	\$48,178	\$ 71,652	10.3%	\$47,261	\$ 73,705
2027	471,458	8.5	40,074	57,836	10.5	49,503	72,339	10.3	48,560	74,412
2028	484,423	8.5	41,176	58,329	10.5	50,864	72,955	10.3	49,896	75,046
2029	497,745	8.5	42,308	58,759	10.5	52,263	73,492	10.3	51,268	75,599
2030	511,433	8.5	43,472	59,118	10.5	53,700	73,941	10.3	52,678	76,061
2031	525,497	8.5	44,667	59,399	10.5	55,177	74,293	10.3	54,126	76,423
2032	539,948	8.5	45,896	59,594	10.5	56,695	74,536	10.3	55,615	76,673
2033	554,797	8.5	47,158	59,693	10.5	58,254	74,660	10.3	57,144	76,801
2034	570,054	8.5	48,455	59,687	10.5	59,856	74,653	10.3	58,716	76,794
2035	585,730	8.5	49,787	59,566	10.5	61,502	74,501	10.3	60,330	76,638

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	
2026	\$ 458,840	11.9%	\$54,602	\$ 83,933	12.4%	\$56,896	\$ 86,003	13.3%	\$61,026	\$ 94,217
2027	471,458	11.9	56,104	84,738	12.4	58,461	86,828	13.3	62,704	95,121
2028	484,423	11.9	57,646	85,460	12.4	60,068	87,568	13.3	64,428	95,932
2029	497,745	11.9	59,232	86,089	12.4	61,720	88,213	13.3	66,200	96,638
2030	511,433	11.9	60,861	86,615	12.4	63,418	88,752	13.3	68,021	97,229
2031	525,497	11.9	62,534	87,027	12.4	65,162	89,174	13.3	69,891	97,691
2032	539,948	11.9	64,254	87,312	12.4	66,954	89,466	13.3	71,813	98,011
2033	554,797	11.9	66,021	87,457	12.4	68,795	89,615	13.3	73,788	98,174
2034	570,054	11.9	67,836	87,449	12.4	70,687	89,606	13.3	75,817	98,165
2035	585,730	11.9	69,702	87,271	12.4	72,631	89,424	13.3	77,902	97,966

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	
2026	\$ 458,840	14.4%	\$66,073	\$ 100,360	14.8%	\$67,908	\$ 104,435	16.4%	\$75,250	\$ 114,664
2027	471,458	14.4	67,890	101,323	14.8	69,776	105,437	16.4	77,319	115,764
2028	484,423	14.4	69,757	102,186	14.8	71,695	106,335	16.4	79,445	116,750
2029	497,745	14.4	71,675	102,939	14.8	73,666	107,118	16.4	81,630	117,610
2030	511,433	14.4	73,646	103,568	14.8	75,692	107,773	16.4	83,875	118,329
2031	525,497	14.4	75,672	104,060	14.8	77,774	108,285	16.4	86,182	118,892
2032	539,948	14.4	77,753	104,401	14.8	79,912	108,640	16.4	88,551	119,282
2033	554,797	14.4	79,891	104,575	14.8	82,110	108,821	16.4	90,987	119,481
2034	570,054	14.4	82,088	104,565	14.8	84,368	108,811	16.4	93,489	119,470
2035	585,730	14.4	84,345	104,353	14.8	86,688	108,590	16.4	96,060	119,227

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	6.6%	\$30,283	\$ 57,286	8.6%	\$39,460	\$ 71,652	8.4%	\$38,543	\$ 73,705
2027	471,458	6.6	31,116	57,836	8.6	40,545	72,339	8.4	39,602	74,412
2028	484,423	6.6	31,972	58,329	8.6	41,660	72,955	8.4	40,692	75,046
2029	497,745	6.6	32,851	58,759	8.6	42,806	73,492	8.4	41,811	75,599
2030	511,433	6.6	33,755	59,118	8.6	43,983	73,941	8.4	42,960	76,061
2031	525,497	6.6	34,683	59,399	8.6	45,193	74,293	8.4	44,142	76,423
2032	539,948	6.6	35,637	59,594	8.6	46,436	74,536	8.4	45,356	76,673
2033	554,797	6.6	36,617	59,693	8.6	47,713	74,660	8.4	46,603	76,801
2034	570,054	6.6	37,624	59,687	8.6	49,025	74,653	8.4	47,885	76,794
2035	585,730	6.6	38,658	59,566	8.6	50,373	74,501	8.4	49,201	76,638

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	
2026	\$ 458,840	10.0%	\$45,884	\$ 83,933	10.5%	\$48,178	\$ 86,003	11.4%	\$52,308	\$ 94,217
2027	471,458	10.0	47,146	84,738	10.5	49,503	86,828	11.4	53,746	95,121
2028	484,423	10.0	48,442	85,460	10.5	50,864	87,568	11.4	55,224	95,932
2029	497,745	10.0	49,775	86,089	10.5	52,263	88,213	11.4	56,743	96,638
2030	511,433	10.0	51,143	86,615	10.5	53,700	88,752	11.4	58,303	97,229
2031	525,497	10.0	52,550	87,027	10.5	55,177	89,174	11.4	59,907	97,691
2032	539,948	10.0	53,995	87,312	10.5	56,695	89,466	11.4	61,554	98,011
2033	554,797	10.0	55,480	87,457	10.5	58,254	89,615	11.4	63,247	98,174
2034	570,054	10.0	57,005	87,449	10.5	59,856	89,606	11.4	64,986	98,165
2035	585,730	10.0	58,573	87,271	10.5	61,502	89,424	11.4	66,773	97,966

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	
2026	\$ 458,840	12.5%	\$57,355	\$ 100,360	12.9%	\$59,190	\$ 104,435	14.5%	\$66,532	\$ 114,664
2027	471,458	12.5	58,932	101,323	12.9	60,818	105,437	14.5	68,361	115,764
2028	484,423	12.5	60,553	102,186	12.9	62,491	106,335	14.5	70,241	116,750
2029	497,745	12.5	62,218	102,939	12.9	64,209	107,118	14.5	72,173	117,610
2030	511,433	12.5	63,929	103,568	12.9	65,975	107,773	14.5	74,158	118,329
2031	525,497	12.5	65,687	104,060	12.9	67,789	108,285	14.5	76,197	118,892
2032	539,948	12.5	67,494	104,401	12.9	69,653	108,640	14.5	78,292	119,282
2033	554,797	12.5	69,350	104,575	12.9	71,569	108,821	14.5	80,446	119,481
2034	570,054	12.5	71,257	104,565	12.9	73,537	108,811	14.5	82,658	119,470
2035	585,730	12.5	73,216	104,353	12.9	75,559	108,590	14.5	84,931	119,227

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	4.7%	\$21,565	\$ 57,286	6.7%	\$30,742	\$ 71,652	6.5%	\$29,825	\$ 73,705
2027	471,458	4.7	22,159	57,836	6.7	31,588	72,339	6.5	30,645	74,412
2028	484,423	4.7	22,768	58,329	6.7	32,456	72,955	6.5	31,487	75,046
2029	497,745	4.7	23,394	58,759	6.7	33,349	73,492	6.5	32,353	75,599
2030	511,433	4.7	24,037	59,118	6.7	34,266	73,941	6.5	33,243	76,061
2031	525,497	4.7	24,698	59,399	6.7	35,208	74,293	6.5	34,157	76,423
2032	539,948	4.7	25,378	59,594	6.7	36,177	74,536	6.5	35,097	76,673
2033	554,797	4.7	26,075	59,693	6.7	37,171	74,660	6.5	36,062	76,801
2034	570,054	4.7	26,793	59,687	6.7	38,194	74,653	6.5	37,054	76,794
2035	585,730	4.7	27,529	59,566	6.7	39,244	74,501	6.5	38,072	76,638

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	
2026	\$ 458,840	8.1%	\$37,166	\$ 83,933	8.6%	\$39,460	\$ 86,003	9.5%	\$43,590	\$ 94,217
2027	471,458	8.1	38,188	84,738	8.6	40,545	86,828	9.5	44,789	95,121
2028	484,423	8.1	39,238	85,460	8.6	41,660	87,568	9.5	46,020	95,932
2029	497,745	8.1	40,317	86,089	8.6	42,806	88,213	9.5	47,286	96,638
2030	511,433	8.1	41,426	86,615	8.6	43,983	88,752	9.5	48,586	97,229
2031	525,497	8.1	42,565	87,027	8.6	45,193	89,174	9.5	49,922	97,691
2032	539,948	8.1	43,736	87,312	8.6	46,436	89,466	9.5	51,295	98,011
2033	554,797	8.1	44,939	87,457	8.6	47,713	89,615	9.5	52,706	98,174
2034	570,054	8.1	46,174	87,449	8.6	49,025	89,606	9.5	54,155	98,165
2035	585,730	8.1	47,444	87,271	8.6	50,373	89,424	9.5	55,644	97,966

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	
2026	\$ 458,840	10.6%	\$48,637	\$ 100,360	11.0%	\$50,472	\$ 104,435	12.6%	\$57,814	\$ 114,664
2027	471,458	10.6	49,975	101,323	11.0	51,860	105,437	12.6	59,404	115,764
2028	484,423	10.6	51,349	102,186	11.0	53,287	106,335	12.6	61,037	116,750
2029	497,745	10.6	52,761	102,939	11.0	54,752	107,118	12.6	62,716	117,610
2030	511,433	10.6	54,212	103,568	11.0	56,258	107,773	12.6	64,441	118,329
2031	525,497	10.6	55,703	104,060	11.0	57,805	108,285	12.6	66,213	118,892
2032	539,948	10.6	57,234	104,401	11.0	59,394	108,640	12.6	68,033	119,282
2033	554,797	10.6	58,808	104,575	11.0	61,028	108,821	12.6	69,904	119,481
2034	570,054	10.6	60,426	104,565	11.0	62,706	108,811	12.6	71,827	119,470
2035	585,730	10.6	62,087	104,353	11.0	64,430	108,590	12.6	73,802	119,227

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	2.8%	\$12,848	\$ 57,286	4.8%	\$22,024	\$ 71,652	4.6%	\$21,107	\$ 73,705
2027	471,458	2.8	13,201	57,836	4.8	22,630	72,339	4.6	21,687	74,412
2028	484,423	2.8	13,564	58,329	4.8	23,252	72,955	4.6	22,283	75,046
2029	497,745	2.8	13,937	58,759	4.8	23,892	73,492	4.6	22,896	75,599
2030	511,433	2.8	14,320	59,118	4.8	24,549	73,941	4.6	23,526	76,061
2031	525,497	2.8	14,714	59,399	4.8	25,224	74,293	4.6	24,173	76,423
2032	539,948	2.8	15,119	59,594	4.8	25,918	74,536	4.6	24,838	76,673
2033	554,797	2.8	15,534	59,693	4.8	26,630	74,660	4.6	25,521	76,801
2034	570,054	2.8	15,962	59,687	4.8	27,363	74,653	4.6	26,222	76,794
2035	585,730	2.8	16,400	59,566	4.8	28,115	74,501	4.6	26,944	76,638

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	
2026	\$ 458,840	6.2%	\$28,448	\$ 83,933	6.7%	\$30,742	\$ 86,003	7.6%	\$34,872	\$ 94,217
2027	471,458	6.2	29,230	84,738	6.7	31,588	86,828	7.6	35,831	95,121
2028	484,423	6.2	30,034	85,460	6.7	32,456	87,568	7.6	36,816	95,932
2029	497,745	6.2	30,860	86,089	6.7	33,349	88,213	7.6	37,829	96,638
2030	511,433	6.2	31,709	86,615	6.7	34,266	88,752	7.6	38,869	97,229
2031	525,497	6.2	32,581	87,027	6.7	35,208	89,174	7.6	39,938	97,691
2032	539,948	6.2	33,477	87,312	6.7	36,177	89,466	7.6	41,036	98,011
2033	554,797	6.2	34,397	87,457	6.7	37,171	89,615	7.6	42,165	98,174
2034	570,054	6.2	35,343	87,449	6.7	38,194	89,606	7.6	43,324	98,165
2035	585,730	6.2	36,315	87,271	6.7	39,244	89,424	7.6	44,515	97,966

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	
2026	\$ 458,840	8.7%	\$39,919	\$ 100,360	9.1%	\$41,754	\$ 104,435	10.7%	\$49,096	\$ 114,664
2027	471,458	8.7	41,017	101,323	9.1	42,903	105,437	10.7	50,446	115,764
2028	484,423	8.7	42,145	102,186	9.1	44,082	106,335	10.7	51,833	116,750
2029	497,745	8.7	43,304	102,939	9.1	45,295	107,118	10.7	53,259	117,610
2030	511,433	8.7	44,495	103,568	9.1	46,540	107,773	10.7	54,723	118,329
2031	525,497	8.7	45,718	104,060	9.1	47,820	108,285	10.7	56,228	118,892
2032	539,948	8.7	46,975	104,401	9.1	49,135	108,640	10.7	57,774	119,282
2033	554,797	8.7	48,267	104,575	9.1	50,487	108,821	10.7	59,363	119,481
2034	570,054	8.7	49,595	104,565	9.1	51,875	108,811	10.7	60,996	119,470
2035	585,730	8.7	50,959	104,353	9.1	53,301	108,590	10.7	62,673	119,227

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	8.5%	\$39,001	\$ 57,387	10.5%	\$48,178	\$ 71,752	10.6%	\$48,637	\$ 79,601
2027	471,458	8.5	40,074	57,937	10.5	49,503	72,440	10.6	49,975	80,365
2028	484,423	8.5	41,176	58,431	10.5	50,864	73,057	10.6	51,349	81,050
2029	497,745	8.5	42,308	58,861	10.5	52,263	73,595	10.6	52,761	81,647
2030	511,433	8.5	43,472	59,221	10.5	53,700	74,045	10.6	54,212	82,146
2031	525,497	8.5	44,667	59,503	10.5	55,177	74,397	10.6	55,703	82,537
2032	539,948	8.5	45,896	59,698	10.5	56,695	74,641	10.6	57,234	82,807
2033	554,797	8.5	47,158	59,797	10.5	58,254	74,765	10.6	58,808	82,945
2034	570,054	8.5	48,455	59,791	10.5	59,856	74,758	10.6	60,426	82,937
2035	585,730	8.5	49,787	59,670	10.5	61,502	74,606	10.6	62,087	82,769

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	
2026	\$ 458,840	12.0%	\$55,061	\$ 88,408	12.3%	\$56,437	\$ 86,096	13.3%	\$61,026	\$ 97,192
2027	471,458	12.0	56,575	89,256	12.3	57,989	86,922	13.3	62,704	98,124
2028	484,423	12.0	58,131	90,017	12.3	59,584	87,663	13.3	64,428	98,960
2029	497,745	12.0	59,729	90,680	12.3	61,223	88,309	13.3	66,200	99,689
2030	511,433	12.0	61,372	91,234	12.3	62,906	88,849	13.3	68,021	100,298
2031	525,497	12.0	63,060	91,668	12.3	64,636	89,271	13.3	69,891	100,775
2032	539,948	12.0	64,794	91,968	12.3	66,414	89,564	13.3	71,813	101,105
2033	554,797	12.0	66,576	92,121	12.3	68,240	89,713	13.3	73,788	101,273
2034	570,054	12.0	68,406	92,112	12.3	70,117	89,704	13.3	75,817	101,263
2035	585,730	12.0	70,288	91,925	12.3	72,045	89,522	13.3	77,902	101,057

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	
2026	\$ 458,840	14.3%	\$65,614	\$ 100,423	14.7%	\$67,449	\$ 105,986	16.3%	\$74,791	\$ 114,826
2027	471,458	14.3	67,418	101,386	14.7	69,304	107,003	16.3	76,848	115,927
2028	484,423	14.3	69,272	102,250	14.7	71,210	107,915	16.3	78,961	116,915
2029	497,745	14.3	71,178	103,003	14.7	73,169	108,710	16.3	81,132	117,776
2030	511,433	14.3	73,135	103,633	14.7	75,181	109,374	16.3	83,364	118,496
2031	525,497	14.3	75,146	104,126	14.7	77,248	109,894	16.3	85,656	119,059
2032	539,948	14.3	77,213	104,467	14.7	79,372	110,254	16.3	88,012	119,449
2033	554,797	14.3	79,336	104,641	14.7	81,555	110,438	16.3	90,432	119,648
2034	570,054	14.3	81,518	104,631	14.7	83,798	110,427	16.3	92,919	119,636
2035	585,730	14.3	83,759	104,419	14.7	86,102	110,203	16.3	95,474	119,393

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	6.6%	\$30,283	\$ 57,387	8.6%	\$39,460	\$ 71,752	8.7%	\$39,919	\$ 79,601
2027	471,458	6.6	31,116	57,937	8.6	40,545	72,440	8.7	41,017	80,365
2028	484,423	6.6	31,972	58,431	8.6	41,660	73,057	8.7	42,145	81,050
2029	497,745	6.6	32,851	58,861	8.6	42,806	73,595	8.7	43,304	81,647
2030	511,433	6.6	33,755	59,221	8.6	43,983	74,045	8.7	44,495	82,146
2031	525,497	6.6	34,683	59,503	8.6	45,193	74,397	8.7	45,718	82,537
2032	539,948	6.6	35,637	59,698	8.6	46,436	74,641	8.7	46,975	82,807
2033	554,797	6.6	36,617	59,797	8.6	47,713	74,765	8.7	48,267	82,945
2034	570,054	6.6	37,624	59,791	8.6	49,025	74,758	8.7	49,595	82,937
2035	585,730	6.6	38,658	59,670	8.6	50,373	74,606	8.7	50,959	82,769

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	
2026	\$ 458,840	10.1%	\$46,343	\$ 88,408	10.4%	\$47,719	\$ 86,096	11.4%	\$52,308	\$ 97,192
2027	471,458	10.1	47,617	89,256	10.4	49,032	86,922	11.4	53,746	98,124
2028	484,423	10.1	48,927	90,017	10.4	50,380	87,663	11.4	55,224	98,960
2029	497,745	10.1	50,272	90,680	10.4	51,765	88,309	11.4	56,743	99,689
2030	511,433	10.1	51,655	91,234	10.4	53,189	88,849	11.4	58,303	100,298
2031	525,497	10.1	53,075	91,668	10.4	54,652	89,271	11.4	59,907	100,775
2032	539,948	10.1	54,535	91,968	10.4	56,155	89,564	11.4	61,554	101,105
2033	554,797	10.1	56,034	92,121	10.4	57,699	89,713	11.4	63,247	101,273
2034	570,054	10.1	57,575	92,112	10.4	59,286	89,704	11.4	64,986	101,263
2035	585,730	10.1	59,159	91,925	10.4	60,916	89,522	11.4	66,773	101,057

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	
2026	\$ 458,840	12.4%	\$56,896	\$ 100,423	12.8%	\$58,732	\$ 105,986	14.4%	\$66,073	\$ 114,826
2027	471,458	12.4	58,461	101,386	12.8	60,347	107,003	14.4	67,890	115,927
2028	484,423	12.4	60,068	102,250	12.8	62,006	107,915	14.4	69,757	116,915
2029	497,745	12.4	61,720	103,003	12.8	63,711	108,710	14.4	71,675	117,776
2030	511,433	12.4	63,418	103,633	12.8	65,463	109,374	14.4	73,646	118,496
2031	525,497	12.4	65,162	104,126	12.8	67,264	109,894	14.4	75,672	119,059
2032	539,948	12.4	66,954	104,467	12.8	69,113	110,254	14.4	77,753	119,449
2033	554,797	12.4	68,795	104,641	12.8	71,014	110,438	14.4	79,891	119,648
2034	570,054	12.4	70,687	104,631	12.8	72,967	110,427	14.4	82,088	119,636
2035	585,730	12.4	72,631	104,419	12.8	74,973	110,203	14.4	84,345	119,393

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	4.7%	\$21,565	\$ 57,387	6.7%	\$30,742	\$ 71,752	6.8%	\$31,201	\$ 79,601
2027	471,458	4.7	22,159	57,937	6.7	31,588	72,440	6.8	32,059	80,365
2028	484,423	4.7	22,768	58,431	6.7	32,456	73,057	6.8	32,941	81,050
2029	497,745	4.7	23,394	58,861	6.7	33,349	73,595	6.8	33,847	81,647
2030	511,433	4.7	24,037	59,221	6.7	34,266	74,045	6.8	34,777	82,146
2031	525,497	4.7	24,698	59,503	6.7	35,208	74,397	6.8	35,734	82,537
2032	539,948	4.7	25,378	59,698	6.7	36,177	74,641	6.8	36,716	82,807
2033	554,797	4.7	26,075	59,797	6.7	37,171	74,765	6.8	37,726	82,945
2034	570,054	4.7	26,793	59,791	6.7	38,194	74,758	6.8	38,764	82,937
2035	585,730	4.7	27,529	59,670	6.7	39,244	74,606	6.8	39,830	82,769

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	
2026	\$ 458,840	8.2%	\$37,625	\$ 88,408	8.5%	\$39,001	\$ 86,096	9.5%	\$43,590	\$ 97,192
2027	471,458	8.2	38,660	89,256	8.5	40,074	86,922	9.5	44,789	98,124
2028	484,423	8.2	39,723	90,017	8.5	41,176	87,663	9.5	46,020	98,960
2029	497,745	8.2	40,815	90,680	8.5	42,308	88,309	9.5	47,286	99,689
2030	511,433	8.2	41,938	91,234	8.5	43,472	88,849	9.5	48,586	100,298
2031	525,497	8.2	43,091	91,668	8.5	44,667	89,271	9.5	49,922	100,775
2032	539,948	8.2	44,276	91,968	8.5	45,896	89,564	9.5	51,295	101,105
2033	554,797	8.2	45,493	92,121	8.5	47,158	89,713	9.5	52,706	101,273
2034	570,054	8.2	46,744	92,112	8.5	48,455	89,704	9.5	54,155	101,263
2035	585,730	8.2	48,030	91,925	8.5	49,787	89,522	9.5	55,644	101,057

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	
2026	\$ 458,840	10.5%	\$48,178	\$ 100,423	10.9%	\$50,014	\$ 105,986	12.5%	\$57,355	\$ 114,826
2027	471,458	10.5	49,503	101,386	10.9	51,389	107,003	12.5	58,932	115,927
2028	484,423	10.5	50,864	102,250	10.9	52,802	107,915	12.5	60,553	116,915
2029	497,745	10.5	52,263	103,003	10.9	54,254	108,710	12.5	62,218	117,776
2030	511,433	10.5	53,700	103,633	10.9	55,746	109,374	12.5	63,929	118,496
2031	525,497	10.5	55,177	104,126	10.9	57,279	109,894	12.5	65,687	119,059
2032	539,948	10.5	56,695	104,467	10.9	58,854	110,254	12.5	67,494	119,449
2033	554,797	10.5	58,254	104,641	10.9	60,473	110,438	12.5	69,350	119,648
2034	570,054	10.5	59,856	104,631	10.9	62,136	110,427	12.5	71,257	119,636
2035	585,730	10.5	61,502	104,419	10.9	63,845	110,203	12.5	73,216	119,393

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	2.8%	\$12,848	\$ 57,387	4.8%	\$22,024	\$ 71,752	4.9%	\$22,483	\$ 79,601
2027	471,458	2.8	13,201	57,937	4.8	22,630	72,440	4.9	23,101	80,365
2028	484,423	2.8	13,564	58,431	4.8	23,252	73,057	4.9	23,737	81,050
2029	497,745	2.8	13,937	58,861	4.8	23,892	73,595	4.9	24,390	81,647
2030	511,433	2.8	14,320	59,221	4.8	24,549	74,045	4.9	25,060	82,146
2031	525,497	2.8	14,714	59,503	4.8	25,224	74,397	4.9	25,749	82,537
2032	539,948	2.8	15,119	59,698	4.8	25,918	74,641	4.9	26,457	82,807
2033	554,797	2.8	15,534	59,797	4.8	26,630	74,765	4.9	27,185	82,945
2034	570,054	2.8	15,962	59,791	4.8	27,363	74,758	4.9	27,933	82,937
2035	585,730	2.8	16,400	59,670	4.8	28,115	74,606	4.9	28,701	82,769

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	
2026	\$ 458,840	6.3%	\$28,907	\$ 88,408	6.6%	\$30,283	\$ 86,096	7.6%	\$34,872	\$ 97,192
2027	471,458	6.3	29,702	89,256	6.6	31,116	86,922	7.6	35,831	98,124
2028	484,423	6.3	30,519	90,017	6.6	31,972	87,663	7.6	36,816	98,960
2029	497,745	6.3	31,358	90,680	6.6	32,851	88,309	7.6	37,829	99,689
2030	511,433	6.3	32,220	91,234	6.6	33,755	88,849	7.6	38,869	100,298
2031	525,497	6.3	33,106	91,668	6.6	34,683	89,271	7.6	39,938	100,775
2032	539,948	6.3	34,017	91,968	6.6	35,637	89,564	7.6	41,036	101,105
2033	554,797	6.3	34,952	92,121	6.6	36,617	89,713	7.6	42,165	101,273
2034	570,054	6.3	35,913	92,112	6.6	37,624	89,704	7.6	43,324	101,263
2035	585,730	6.3	36,901	91,925	6.6	38,658	89,522	7.6	44,515	101,057

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	
2026	\$ 458,840	8.6%	\$39,460	\$ 100,423	9.0%	\$41,296	\$ 105,986	10.6%	\$48,637	\$ 114,826
2027	471,458	8.6	40,545	101,386	9.0	42,431	107,003	10.6	49,975	115,927
2028	484,423	8.6	41,660	102,250	9.0	43,598	107,915	10.6	51,349	116,915
2029	497,745	8.6	42,806	103,003	9.0	44,797	108,710	10.6	52,761	117,776
2030	511,433	8.6	43,983	103,633	9.0	46,029	109,374	10.6	54,212	118,496
2031	525,497	8.6	45,193	104,126	9.0	47,295	109,894	10.6	55,703	119,059
2032	539,948	8.6	46,436	104,467	9.0	48,595	110,254	10.6	57,234	119,449
2033	554,797	8.6	47,713	104,641	9.0	49,932	110,438	10.6	58,808	119,648
2034	570,054	8.6	49,025	104,631	9.0	51,305	110,427	10.6	60,426	119,636
2035	585,730	8.6	50,373	104,419	9.0	52,716	110,203	10.6	62,087	119,393

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	8.8%	\$40,378	\$ 59,342	10.8%	\$49,555	\$ 74,181	10.9%	\$50,014	\$ 82,391
2027	471,458	8.8	41,488	59,911	10.8	50,917	74,893	10.9	51,389	83,181
2028	484,423	8.8	42,629	60,422	10.8	52,318	75,531	10.9	52,802	83,890
2029	497,745	8.8	43,802	60,867	10.8	53,756	76,087	10.9	54,254	84,508
2030	511,433	8.8	45,006	61,239	10.8	55,235	76,552	10.9	55,746	85,025
2031	525,497	8.8	46,244	61,530	10.8	56,754	76,916	10.9	57,279	85,429
2032	539,948	8.8	47,515	61,732	10.8	58,314	77,168	10.9	58,854	85,709
2033	554,797	8.8	48,822	61,835	10.8	59,918	77,297	10.9	60,473	85,852
2034	570,054	8.8	50,165	61,829	10.8	61,566	77,290	10.9	62,136	85,844
2035	585,730	8.8	51,544	61,703	10.8	63,259	77,133	10.9	63,845	85,670

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	
2026	\$ 458,840	12.5%	\$57,355	\$ 91,475	12.7%	\$58,273	\$ 89,031	13.8%	\$63,320	\$ 100,568
2027	471,458	12.5	58,932	92,352	12.7	59,875	89,885	13.8	65,061	101,533
2028	484,423	12.5	60,553	93,139	12.7	61,522	90,651	13.8	66,850	102,398
2029	497,745	12.5	62,218	93,825	12.7	63,214	91,319	13.8	68,689	103,152
2030	511,433	12.5	63,929	94,398	12.7	64,952	91,877	13.8	70,578	103,782
2031	525,497	12.5	65,687	94,847	12.7	66,738	92,314	13.8	72,519	104,275
2032	539,948	12.5	67,494	95,158	12.7	68,573	92,617	13.8	74,513	104,617
2033	554,797	12.5	69,350	95,317	12.7	70,459	92,771	13.8	76,562	104,791
2034	570,054	12.5	71,257	95,308	12.7	72,397	92,762	13.8	78,667	104,781
2035	585,730	12.5	73,216	95,114	12.7	74,388	92,574	13.8	80,831	104,568

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	
2026	\$ 458,840	14.7%	\$67,449	\$ 103,892	15.3%	\$70,203	\$ 109,635	16.8%	\$77,085	\$ 118,744
2027	471,458	14.7	69,304	104,889	15.3	72,133	110,687	16.8	79,205	119,883
2028	484,423	14.7	71,210	105,783	15.3	74,117	111,630	16.8	81,383	120,905
2029	497,745	14.7	73,169	106,562	15.3	76,155	112,452	16.8	83,621	121,795
2030	511,433	14.7	75,181	107,213	15.3	78,249	113,139	16.8	85,921	122,539
2031	525,497	14.7	77,248	107,723	15.3	80,401	113,677	16.8	88,283	123,122
2032	539,948	14.7	79,372	108,076	15.3	82,612	114,050	16.8	90,711	123,525
2033	554,797	14.7	81,555	108,256	15.3	84,884	114,240	16.8	93,206	123,731
2034	570,054	14.7	83,798	108,246	15.3	87,218	114,229	16.8	95,769	123,719
2035	585,730	14.7	86,102	108,026	15.3	89,617	113,997	16.8	98,403	123,468

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2026	\$ 458,840	6.9%	\$31,660	\$ 59,342	8.9%	\$40,837	\$ 74,181	9.0%	\$41,296	\$ 82,391
2027	471,458	6.9	32,531	59,911	8.9	41,960	74,893	9.0	42,431	83,181
2028	484,423	6.9	33,425	60,422	8.9	43,114	75,531	9.0	43,598	83,890
2029	497,745	6.9	34,344	60,867	8.9	44,299	76,087	9.0	44,797	84,508
2030	511,433	6.9	35,289	61,239	8.9	45,518	76,552	9.0	46,029	85,025
2031	525,497	6.9	36,259	61,530	8.9	46,769	76,916	9.0	47,295	85,429
2032	539,948	6.9	37,256	61,732	8.9	48,055	77,168	9.0	48,595	85,709
2033	554,797	6.9	38,281	61,835	8.9	49,377	77,297	9.0	49,932	85,852
2034	570,054	6.9	39,334	61,829	8.9	50,735	77,290	9.0	51,305	85,844
2035	585,730	6.9	40,415	61,703	8.9	52,130	77,133	9.0	52,716	85,670

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2026	\$ 458,840	10.6%	\$48,637	\$ 91,475	10.8%	\$49,555	\$ 89,031	11.9%	\$54,602	\$ 100,568
2027	471,458	10.6	49,975	92,352	10.8	50,917	89,885	11.9	56,104	101,533
2028	484,423	10.6	51,349	93,139	10.8	52,318	90,651	11.9	57,646	102,398
2029	497,745	10.6	52,761	93,825	10.8	53,756	91,319	11.9	59,232	103,152
2030	511,433	10.6	54,212	94,398	10.8	55,235	91,877	11.9	60,861	103,782
2031	525,497	10.6	55,703	94,847	10.8	56,754	92,314	11.9	62,534	104,275
2032	539,948	10.6	57,234	95,158	10.8	58,314	92,617	11.9	64,254	104,617
2033	554,797	10.6	58,808	95,317	10.8	59,918	92,771	11.9	66,021	104,791
2034	570,054	10.6	60,426	95,308	10.8	61,566	92,762	11.9	67,836	104,781
2035	585,730	10.6	62,087	95,114	10.8	63,259	92,574	11.9	69,702	104,568

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2026	\$ 458,840	12.8%	\$58,732	\$ 103,892	13.4%	\$61,485	\$ 109,635	14.9%	\$68,367	\$ 118,744
2027	471,458	12.8	60,347	104,889	13.4	63,175	110,687	14.9	70,247	119,883
2028	484,423	12.8	62,006	105,783	13.4	64,913	111,630	14.9	72,179	120,905
2029	497,745	12.8	63,711	106,562	13.4	66,698	112,452	14.9	74,164	121,795
2030	511,433	12.8	65,463	107,213	13.4	68,532	113,139	14.9	76,204	122,539
2031	525,497	12.8	67,264	107,723	13.4	70,417	113,677	14.9	78,299	123,122
2032	539,948	12.8	69,113	108,076	13.4	72,353	114,050	14.9	80,452	123,525
2033	554,797	12.8	71,014	108,256	13.4	74,343	114,240	14.9	82,665	123,731
2034	570,054	12.8	72,967	108,246	13.4	76,387	114,229	14.9	84,938	123,719
2035	585,730	12.8	74,973	108,026	13.4	78,488	113,997	14.9	87,274	123,468

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	5.0%	\$22,942	\$ 59,342	7.0%	\$32,119	\$ 74,181	7.1%	\$32,578	\$ 82,391
2027	471,458	5.0	23,573	59,911	7.0	33,002	74,893	7.1	33,474	83,181
2028	484,423	5.0	24,221	60,422	7.0	33,910	75,531	7.1	34,394	83,890
2029	497,745	5.0	24,887	60,867	7.0	34,842	76,087	7.1	35,340	84,508
2030	511,433	5.0	25,572	61,239	7.0	35,800	76,552	7.1	36,312	85,025
2031	525,497	5.0	26,275	61,530	7.0	36,785	76,916	7.1	37,310	85,429
2032	539,948	5.0	26,997	61,732	7.0	37,796	77,168	7.1	38,336	85,709
2033	554,797	5.0	27,740	61,835	7.0	38,836	77,297	7.1	39,391	85,852
2034	570,054	5.0	28,503	61,829	7.0	39,904	77,290	7.1	40,474	85,844
2035	585,730	5.0	29,287	61,703	7.0	41,001	77,133	7.1	41,587	85,670

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	
2026	\$ 458,840	8.7%	\$39,919	\$ 91,475	8.9%	\$40,837	\$ 89,031	10.0%	\$45,884	\$ 100,568
2027	471,458	8.7	41,017	92,352	8.9	41,960	89,885	10.0	47,146	101,533
2028	484,423	8.7	42,145	93,139	8.9	43,114	90,651	10.0	48,442	102,398
2029	497,745	8.7	43,304	93,825	8.9	44,299	91,319	10.0	49,775	103,152
2030	511,433	8.7	44,495	94,398	8.9	45,518	91,877	10.0	51,143	103,782
2031	525,497	8.7	45,718	94,847	8.9	46,769	92,314	10.0	52,550	104,275
2032	539,948	8.7	46,975	95,158	8.9	48,055	92,617	10.0	53,995	104,617
2033	554,797	8.7	48,267	95,317	8.9	49,377	92,771	10.0	55,480	104,791
2034	570,054	8.7	49,595	95,308	8.9	50,735	92,762	10.0	57,005	104,781
2035	585,730	8.7	50,959	95,114	8.9	52,130	92,574	10.0	58,573	104,568

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	
2026	\$ 458,840	10.9%	\$50,014	\$ 103,892	11.5%	\$52,767	\$ 109,635	13.0%	\$59,649	\$ 118,744
2027	471,458	10.9	51,389	104,889	11.5	54,218	110,687	13.0	61,290	119,883
2028	484,423	10.9	52,802	105,783	11.5	55,709	111,630	13.0	62,975	120,905
2029	497,745	10.9	54,254	106,562	11.5	57,241	112,452	13.0	64,707	121,795
2030	511,433	10.9	55,746	107,213	11.5	58,815	113,139	13.0	66,486	122,539
2031	525,497	10.9	57,279	107,723	11.5	60,432	113,677	13.0	68,315	123,122
2032	539,948	10.9	58,854	108,076	11.5	62,094	114,050	13.0	70,193	123,525
2033	554,797	10.9	60,473	108,256	11.5	63,802	114,240	13.0	72,124	123,731
2034	570,054	10.9	62,136	108,246	11.5	65,556	114,229	13.0	74,107	123,719
2035	585,730	10.9	63,845	108,026	11.5	67,359	113,997	13.0	76,145	123,468

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.



Livingston County Central Emergency Services Board - Public Safety

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	
2026	\$ 458,840	3.1%	\$14,224	\$ 59,342	5.1%	\$23,401	\$ 74,181	5.2%	\$23,860	\$ 82,391
2027	471,458	3.1	14,615	59,911	5.1	24,044	74,893	5.2	24,516	83,181
2028	484,423	3.1	15,017	60,422	5.1	24,706	75,531	5.2	25,190	83,890
2029	497,745	3.1	15,430	60,867	5.1	25,385	76,087	5.2	25,883	84,508
2030	511,433	3.1	15,854	61,239	5.1	26,083	76,552	5.2	26,595	85,025
2031	525,497	3.1	16,290	61,530	5.1	26,800	76,916	5.2	27,326	85,429
2032	539,948	3.1	16,738	61,732	5.1	27,537	77,168	5.2	28,077	85,709
2033	554,797	3.1	17,199	61,835	5.1	28,295	77,297	5.2	28,849	85,852
2034	570,054	3.1	17,672	61,829	5.1	29,073	77,290	5.2	29,643	85,844
2035	585,730	3.1	18,158	61,703	5.1	29,872	77,133	5.2	30,458	85,670

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	
2026	\$ 458,840	6.8%	\$31,201	\$ 91,475	7.0%	\$32,119	\$ 89,031	8.1%	\$37,166	\$ 100,568
2027	471,458	6.8	32,059	92,352	7.0	33,002	89,885	8.1	38,188	101,533
2028	484,423	6.8	32,941	93,139	7.0	33,910	90,651	8.1	39,238	102,398
2029	497,745	6.8	33,847	93,825	7.0	34,842	91,319	8.1	40,317	103,152
2030	511,433	6.8	34,777	94,398	7.0	35,800	91,877	8.1	41,426	103,782
2031	525,497	6.8	35,734	94,847	7.0	36,785	92,314	8.1	42,565	104,275
2032	539,948	6.8	36,716	95,158	7.0	37,796	92,617	8.1	43,736	104,617
2033	554,797	6.8	37,726	95,317	7.0	38,836	92,771	8.1	44,939	104,791
2034	570,054	6.8	38,764	95,308	7.0	39,904	92,762	8.1	46,174	104,781
2035	585,730	6.8	39,830	95,114	7.0	41,001	92,574	8.1	47,444	104,568

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	
2026	\$ 458,840	9.0%	\$41,296	\$ 103,892	9.6%	\$44,049	\$ 109,635	11.1%	\$50,931	\$ 118,744
2027	471,458	9.0	42,431	104,889	9.6	45,260	110,687	11.1	52,332	119,883
2028	484,423	9.0	43,598	105,783	9.6	46,505	111,630	11.1	53,771	120,905
2029	497,745	9.0	44,797	106,562	9.6	47,784	112,452	11.1	55,250	121,795
2030	511,433	9.0	46,029	107,213	9.6	49,098	113,139	11.1	56,769	122,539
2031	525,497	9.0	47,295	107,723	9.6	50,448	113,677	11.1	58,330	123,122
2032	539,948	9.0	48,595	108,076	9.6	51,835	114,050	11.1	59,934	123,525
2033	554,797	9.0	49,932	108,256	9.6	53,261	114,240	11.1	61,582	123,731
2034	570,054	9.0	51,305	108,246	9.6	54,725	114,229	11.1	63,276	123,719
2035	585,730	9.0	52,716	108,026	9.6	56,230	113,997	11.1	65,016	123,468

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 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

