



The Initial Valuation For
Newton County
as of July 31, 2023



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October 19, 2023

Newton County
Neosho, Missouri

Ladies and Gentlemen:

Submitted in this report are the results of the actuarial valuation prepared to determine the employer contribution rates required to support, for your employees, the benefits provided by the Missouri Local Government Employees Retirement System (LAGERS). This report contains the information needed to comply with Missouri State disclosure requirements regarding the adoption of LAGERS benefits by a political subdivision (Sections 105.660 - 106.685 RSMo). This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

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

The contribution requirement for benefits likely to accrue as a result of the future service of your employees is described on pages 4 thru 7 as the current cost plus the disability cost. This contribution rate, expressed as a percent of active employee payroll, will depend on the benefit program adopted.

The contribution requirement to pay for benefits likely to result from service rendered by your employees before you join LAGERS is described on pages 4 thru 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 thru 10 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, 2023.

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 July 31, 2023. 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.

Newton County

Employer Contribution Rates 5 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	7.00%	0.20%	4.60%	11.80%	9.90%	8.00%	6.10%
	Police	7.30	0.40	5.50	13.20	11.30	9.40	7.50
	Public Safety	7.30	0.20	4.30	11.80	9.90	8.00	6.10
L-3	General	8.50	0.30	5.80	14.60	12.70	10.80	8.90
	Police	8.90	0.50	6.80	16.20	14.30	12.40	10.50
	Public Safety	8.80	0.30	5.30	14.40	12.50	10.60	8.70
LT-4(65)	General	7.60	0.20	5.10	12.90	11.00	9.10	7.20
	Police	8.70	0.40	6.60	15.70	13.80	11.90	10.00
	Public Safety	8.60	0.20	5.20	14.00	12.10	10.20	8.30
LT-5(65)	General	9.00	0.30	6.10	15.40	13.50	11.60	9.70
	Police	10.00	0.50	7.70	18.20	16.30	14.40	12.50
	Public Safety	9.80	0.30	6.00	16.10	14.20	12.30	10.40
L-7	General	10.00	0.30	6.90	17.20	15.30	13.40	11.50
	Police	10.50	0.60	8.20	19.30	17.40	15.50	13.60
	Public Safety	10.40	0.30	6.40	17.10	15.20	13.30	11.40
LT-8(65)	General	10.30	0.30	7.20	17.80	15.90	14.00	12.10
	Police	11.20	0.60	8.80	20.60	18.70	16.80	14.90
	Public Safety	11.10	0.30	6.90	18.30	16.40	14.50	12.60
L-12	General	11.50	0.40	8.10	20.00	18.10	16.20	14.30
	Police	12.10	0.70	9.60	22.40	20.50	18.60	16.70
	Public Safety	12.00	0.40	7.50	19.90	18.00	16.10	14.20
LT-14(65)	General	11.70	0.40	8.20	20.30	18.40	16.50	14.60
	Police	12.40	0.70	9.90	23.00	21.10	19.20	17.30
	Public Safety	12.40	0.40	7.70	20.50	18.60	16.70	14.80
L-6	General	13.00	0.50	9.20	22.70	20.80	18.90	17.00
	Police	13.70	0.80	10.90	25.40	23.50	21.60	19.70
	Public Safety	13.60	0.50	8.60	22.70	20.80	18.90	17.00

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

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

Newton County

Employer Contribution Rates 3 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	7.20%	0.20%	4.80%	12.20%	10.30%	8.40%	6.50%
	Police	7.50	0.40	5.70	13.60	11.70	9.80	7.90
	Public Safety	7.50	0.20	4.40	12.10	10.20	8.30	6.40
L-3	General	8.70	0.30	6.00	15.00	13.10	11.20	9.30
	Police	9.20	0.50	7.10	16.80	14.90	13.00	11.10
	Public Safety	9.10	0.30	5.50	14.90	13.00	11.10	9.20
LT-4(65)	General	7.90	0.20	5.20	13.30	11.40	9.50	7.60
	Police	9.00	0.40	6.90	16.30	14.40	12.50	10.60
	Public Safety	8.80	0.20	5.40	14.40	12.50	10.60	8.70
LT-5(65)	General	9.30	0.30	6.30	15.90	14.00	12.10	10.20
	Police	10.30	0.50	8.00	18.80	16.90	15.00	13.10
	Public Safety	10.20	0.30	6.30	16.80	14.90	13.00	11.10
L-7	General	10.30	0.30	7.20	17.80	15.90	14.00	12.10
	Police	10.80	0.60	8.50	19.90	18.00	16.10	14.20
	Public Safety	10.80	0.30	6.60	17.70	15.80	13.90	12.00
LT-8(65)	General	10.70	0.30	7.40	18.40	16.50	14.60	12.70
	Police	11.60	0.60	9.10	21.30	19.40	17.50	15.60
	Public Safety	11.50	0.30	7.10	18.90	17.00	15.10	13.20
L-12	General	11.90	0.40	8.40	20.70	18.80	16.90	15.00
	Police	12.50	0.70	9.90	23.10	21.20	19.30	17.40
	Public Safety	12.40	0.40	7.70	20.50	18.60	16.70	14.80
LT-14(65)	General	12.10	0.40	8.50	21.00	19.10	17.20	15.30
	Police	12.90	0.70	10.20	23.80	21.90	20.00	18.10
	Public Safety	12.80	0.40	8.00	21.20	19.30	17.40	15.50
L-6	General	13.50	0.50	9.50	23.50	21.60	19.70	17.80
	Police	14.10	0.80	11.30	26.20	24.30	22.40	20.50
	Public Safety	14.10	0.50	8.90	23.50	21.60	19.70	17.80

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

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.

Newton County

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

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	7.20%	0.20%	5.00%	12.40%	10.50%	8.60%	6.70%
	Police	7.40	0.40	5.60	13.40	11.50	9.60	7.70
	Public Safety	7.40	0.20	4.50	12.10	10.20	8.30	6.40
L-3	General	8.80	0.30	6.20	15.30	13.40	11.50	9.60
	Police	9.10	0.50	7.00	16.60	14.70	12.80	10.90
	Public Safety	9.00	0.30	5.70	15.00	13.10	11.20	9.30
LT-4(65)	General	8.20	0.20	5.90	14.30	12.40	10.50	8.60
	Police	9.10	0.40	7.00	16.50	14.60	12.70	10.80
	Public Safety	8.80	0.20	5.90	14.90	13.00	11.10	9.20
LT-5(65)	General	9.50	0.30	6.90	16.70	14.80	12.90	11.00
	Police	10.30	0.50	8.00	18.80	16.90	15.00	13.10
	Public Safety	10.10	0.30	6.70	17.10	15.20	13.30	11.40
L-7	General	10.40	0.30	7.50	18.20	16.30	14.40	12.50
	Police	10.70	0.60	8.40	19.70	17.80	15.90	14.00
	Public Safety	10.60	0.30	6.80	17.70	15.80	13.90	12.00
LT-8(65)	General	10.90	0.30	7.90	19.10	17.20	15.30	13.40
	Police	11.60	0.60	9.10	21.30	19.40	17.50	15.60
	Public Safety	11.30	0.30	7.50	19.10	17.20	15.30	13.40
L-12	General	12.00	0.40	8.70	21.10	19.20	17.30	15.40
	Police	12.40	0.70	9.80	22.90	21.00	19.10	17.20
	Public Safety	12.20	0.40	8.00	20.60	18.70	16.80	14.90
LT-14(65)	General	12.20	0.40	8.90	21.50	19.60	17.70	15.80
	Police	12.80	0.70	10.20	23.70	21.80	19.90	18.00
	Public Safety	12.60	0.40	8.30	21.30	19.40	17.50	15.60
L-6	General	13.50	0.50	10.00	24.00	22.10	20.20	18.30
	Police	14.00	0.80	11.20	26.00	24.10	22.20	20.30
	Public Safety	13.80	0.50	9.10	23.40	21.50	19.60	17.70

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

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

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.



Newton County

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

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	7.40%	0.20%	5.10%	12.70%	10.80%	8.90%	7.00%
	Police	7.70	0.40	5.80	13.90	12.00	10.10	8.20
	Public Safety	7.60	0.20	4.70	12.50	10.60	8.70	6.80
L-3	General	9.10	0.30	6.40	15.80	13.90	12.00	10.10
	Police	9.40	0.50	7.30	17.20	15.30	13.40	11.50
	Public Safety	9.30	0.30	5.90	15.50	13.60	11.70	9.80
LT-4(65)	General	8.50	0.20	6.10	14.80	12.90	11.00	9.10
	Police	9.40	0.40	7.20	17.00	15.10	13.20	11.30
	Public Safety	9.10	0.20	6.10	15.40	13.50	11.60	9.70
LT-5(65)	General	9.80	0.30	7.10	17.20	15.30	13.40	11.50
	Police	10.70	0.50	8.30	19.50	17.60	15.70	13.80
	Public Safety	10.40	0.30	6.90	17.60	15.70	13.80	11.90
L-7	General	10.70	0.30	7.70	18.70	16.80	14.90	13.00
	Police	11.10	0.60	8.70	20.40	18.50	16.60	14.70
	Public Safety	11.00	0.30	7.10	18.40	16.50	14.60	12.70
LT-8(65)	General	11.20	0.30	8.20	19.70	17.80	15.90	14.00
	Police	12.00	0.60	9.40	22.00	20.10	18.20	16.30
	Public Safety	11.70	0.30	7.80	19.80	17.90	16.00	14.10
L-12	General	12.30	0.40	9.00	21.70	19.80	17.90	16.00
	Police	12.80	0.70	10.20	23.70	21.80	19.90	18.00
	Public Safety	12.60	0.40	8.20	21.20	19.30	17.40	15.50
LT-14(65)	General	12.60	0.40	9.20	22.20	20.30	18.40	16.50
	Police	13.20	0.70	10.50	24.40	22.50	20.60	18.70
	Public Safety	13.00	0.40	8.60	22.00	20.10	18.20	16.30
L-6	General	14.00	0.50	10.30	24.80	22.90	21.00	19.10
	Police	14.50	0.80	11.60	26.90	25.00	23.10	21.20
	Public Safety	14.30	0.50	9.40	24.20	22.30	20.40	18.50

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

* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

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



Newton County

Employer Contribution Dollars General

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

Regular Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 337,597	\$ 283,238	\$ 228,879	\$ 174,520
L-3	417,704	363,345	308,987	254,628
LT-4(65)	369,067	314,709	260,350	205,991
LT-5(65)	440,592	386,233	331,875	277,516
L-7	492,090	437,731	383,372	329,014
LT-8(65)	509,256	454,897	400,538	346,180
L-12	572,198	517,839	463,480	409,121
LT-14(65)	580,781	526,422	472,063	417,704
L-6	649,444	595,086	540,727	486,368

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 349,041	\$ 294,682	\$ 240,323	\$ 185,964
L-3	429,148	374,789	320,431	266,072
LT-4(65)	380,511	326,153	271,794	217,435
LT-5(65)	454,897	400,538	346,180	291,821
L-7	509,256	454,897	400,538	346,180
LT-8(65)	526,422	472,063	417,704	363,345
L-12	592,225	537,866	483,507	429,148
LT-14(65)	600,807	546,449	492,090	437,731
L-6	672,332	617,973	563,615	509,256

Rule of 80 Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 354,763	\$ 300,404	\$ 246,045	\$ 191,686
L-3	437,731	383,372	329,014	274,655
LT-4(65)	409,121	354,763	300,404	246,045
LT-5(65)	477,785	423,426	369,067	314,709
L-7	520,700	466,341	411,982	357,624
LT-8(65)	546,449	492,090	437,731	383,372
L-12	603,668	549,310	494,951	440,592
LT-14(65)	615,112	560,754	506,395	452,036
L-6	686,637	632,278	577,920	523,561

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 363,345	\$ 308,987	\$ 254,628	\$ 200,269
L-3	452,036	397,677	343,319	288,960
LT-4(65)	423,426	369,067	314,709	260,350
LT-5(65)	492,090	437,731	383,372	329,014
L-7	535,005	480,646	426,287	371,928
LT-8(65)	563,615	509,256	454,897	400,538
L-12	620,834	566,476	512,117	457,758
LT-14(65)	635,139	580,781	526,422	472,063
L-6	709,525	655,166	600,807	546,449

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.

Newton County

Employer Contribution Dollars Police

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

Regular Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 326,797	\$ 279,758	\$ 232,719	\$ 185,680
L-3	401,069	354,030	306,991	259,952
LT-4(65)	388,690	341,651	294,612	247,573
LT-5(65)	450,583	403,544	356,505	309,467
L-7	477,816	430,777	383,738	336,700
LT-8(65)	510,001	462,962	415,923	368,884
L-12	554,564	507,525	460,486	413,447
LT-14(65)	569,418	522,379	475,341	428,302
L-6	628,836	581,797	534,758	487,719

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 336,700	\$ 289,661	\$ 242,622	\$ 195,583
L-3	415,923	368,884	321,845	274,806
LT-4(65)	403,544	356,505	309,467	262,428
LT-5(65)	465,438	418,399	371,360	324,321
L-7	492,671	445,632	398,593	351,554
LT-8(65)	527,331	480,292	433,253	386,214
L-12	571,894	524,855	477,816	430,777
LT-14(65)	589,224	542,185	495,146	448,107
L-6	648,642	601,603	554,564	507,525

Rule of 80 Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 331,748	\$ 284,709	\$ 237,670	\$ 190,631
L-3	410,972	363,933	316,894	269,855
LT-4(65)	408,496	361,457	314,418	267,379
LT-5(65)	465,438	418,399	371,360	324,321
L-7	487,719	440,680	393,641	346,602
LT-8(65)	527,331	480,292	433,253	386,214
L-12	566,943	519,904	472,865	425,826
LT-14(65)	586,748	539,710	492,671	445,632
L-6	643,690	596,651	549,613	502,574

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 344,127	\$ 297,088	\$ 250,049	\$ 203,010
L-3	425,826	378,787	331,748	284,709
LT-4(65)	420,874	373,836	326,797	279,758
LT-5(65)	482,768	435,729	388,690	341,651
L-7	505,049	458,010	410,972	363,933
LT-8(65)	544,661	497,622	450,583	403,544
L-12	586,748	539,710	492,671	445,632
LT-14(65)	604,079	557,040	510,001	462,962
L-6	665,972	618,933	571,894	524,855

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.

Newton County

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	\$ 96,161	\$ 80,677	\$ 65,194	\$ 49,710
L-3	117,349	101,865	86,382	70,898
LT-4(65)	114,089	98,606	83,122	67,639
LT-5(65)	131,203	115,719	100,236	84,752
L-7	139,352	123,868	108,385	92,901
LT-8(65)	149,131	133,647	118,164	102,680
L-12	162,170	146,686	131,203	115,719
LT-14(65)	167,059	151,576	136,092	120,609
L-6	184,988	169,504	154,020	138,537

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 98,606	\$ 83,122	\$ 67,639	\$ 52,155
L-3	121,424	105,940	90,456	74,973
LT-4(65)	117,349	101,865	86,382	70,898
LT-5(65)	136,907	121,424	105,940	90,456
L-7	144,241	128,758	113,274	97,791
LT-8(65)	154,020	138,537	123,053	107,570
L-12	167,059	151,576	136,092	120,609
LT-14(65)	172,764	157,280	141,797	126,313
L-6	191,507	176,023	160,540	145,056

Rule of 80 Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 98,606	\$ 83,122	\$ 67,639	\$ 52,155
L-3	122,238	106,755	91,271	75,788
LT-4(65)	121,424	105,940	90,456	74,973
LT-5(65)	139,352	123,868	108,385	92,901
L-7	144,241	128,758	113,274	97,791
LT-8(65)	155,650	140,167	124,683	109,200
L-12	167,874	152,391	136,907	121,424
LT-14(65)	173,579	158,095	142,612	127,128
L-6	190,692	175,208	159,725	144,241

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 101,865	\$ 86,382	\$ 70,898	\$ 55,415
L-3	126,313	110,830	95,346	79,862
LT-4(65)	125,498	110,015	94,531	79,048
LT-5(65)	143,426	127,943	112,459	96,976
L-7	149,946	134,462	118,979	103,495
LT-8(65)	161,355	145,871	130,388	114,904
L-12	172,764	157,280	141,797	126,313
LT-14(65)	179,283	163,800	148,316	132,832
L-6	197,211	181,728	166,244	150,761

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.

Newton County

Employees and Payroll Included in the Valuation

	General	Police	Public Safety
Number of Employees	75	60	22
Annual Payroll	\$ 2,860,988	\$ 2,475,732	\$ 814,923

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:

Newton County Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 2,265,933	\$ 2,340,209
	Police	2,320,832	2,400,667
	Public Safety	597,034	617,839
L-3	General	2,832,469	2,925,191
	Police	2,901,094	3,000,781
	Public Safety	746,263	772,319
LT-4(65)	General	2,486,326	2,568,171
	Police	2,813,388	2,910,772
	Public Safety	726,020	751,559
LT-5(65)	General	2,997,755	3,096,168
	Police	3,270,477	3,383,385
	Public Safety	843,014	872,588
L-7	General	3,399,014	3,510,144
	Police	3,481,137	3,601,002
	Public Safety	895,563	926,731
LT-8(65)	General	3,509,203	3,624,084
	Police	3,727,451	3,856,084
	Public Safety	960,026	993,595
L-12	General	3,965,480	4,095,172
	Police	4,061,523	4,201,112
	Public Safety	1,044,755	1,081,228
LT-14(65)	General	4,020,551	4,152,200
	Police	4,184,662	4,328,659
	Public Safety	1,077,000	1,114,664
L-6	General	4,530,392	4,678,604
	Police	4,641,696	4,801,260
	Public Safety	1,193,972	1,235,702

Newton County

Unfunded Actuarial Accrued Liability (UAAL)

Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 2,437,951	\$ 2,520,010
	Police	2,377,259	2,459,822
	Public Safety	634,936	657,793
L-3	General	3,047,479	3,150,065
	Police	2,971,609	3,074,729
	Public Safety	793,654	822,225
LT-4(65)	General	2,890,998	2,989,279
	Police	2,959,078	3,062,599
	Public Safety	823,618	853,555
LT-5(65)	General	3,387,184	3,501,988
	Police	3,407,976	3,526,815
	Public Safety	935,174	969,071
L-7	General	3,657,018	3,780,024
	Police	3,565,880	3,689,770
	Public Safety	952,410	986,670
LT-8(65)	General	3,883,505	4,014,614
	Police	3,856,798	3,991,166
	Public Safety	1,046,738	1,084,544
L-12	General	4,266,529	4,410,044
	Police	4,160,229	4,304,616
	Public Safety	1,111,137	1,151,082
LT-14(65)	General	4,379,785	4,527,345
	Police	4,305,692	4,455,276
	Public Safety	1,158,292	1,200,043
L-6	General	4,875,808	5,039,738
	Police	4,754,611	4,919,537
	Public Safety	1,269,830	1,315,532

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
60	3.45			3.45	2.75
65	3.15			3.15	2.75

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, 2023

(Section references are to RSMo)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX IV

BENEFIT ILLUSTRATIONS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 1,003	\$1,528	102%
2,000	700	1,145	1,845	92%
2,500	875	1,285	2,160	86%
3,000	1,050	1,426	2,476	83%
3,500	1,225	1,567	2,792	80%
4,000	1,400	1,707	3,107	78%
25 Years of Service:				
\$1,500	\$ 375	\$ 1,003	\$1,378	92%
2,000	500	1,145	1,645	82%
2,500	625	1,285	1,910	76%
3,000	750	1,426	2,176	73%
3,500	875	1,567	2,442	70%
4,000	1,000	1,707	2,707	68%
15 Years of Service:				
\$1,500	\$225	\$ 1,003	\$1,228	82%
2,000	300	1,145	1,445	72%
2,500	375	1,285	1,660	66%
3,000	450	1,426	1,876	63%
3,500	525	1,567	2,092	60%
4,000	600	1,707	2,307	58%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,659	111%	
2,000	875	1,145	2,020	101%	
2,500	1,094	1,285	2,379	95%	
3,000	1,313	1,426	2,739	91%	
3,500	1,531	1,567	3,098	89%	
4,000	1,750	1,707	3,457	86%	
25 Years of Service:					
\$1,500	\$ 469	\$ 1,003	\$1,472	98%	
2,000	625	1,145	1,770	89%	
2,500	781	1,285	2,066	83%	
3,000	938	1,426	2,364	79%	
3,500	1,094	1,567	2,661	76%	
4,000	1,250	1,707	2,957	74%	
15 Years of Service:					
\$1,500	\$281	\$ 1,003	\$1,284	86%	
2,000	375	1,145	1,520	76%	
2,500	469	1,285	1,754	70%	
3,000	563	1,426	1,989	66%	
3,500	656	1,567	2,223	64%	
4,000	750	1,707	2,457	61%	

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,791	119%
2,000	1,050	1,145	2,195	110%
2,500	1,313	1,285	2,598	104%
3,000	1,575	1,426	3,001	100%
3,500	1,838	1,567	3,405	97%
4,000	2,100	1,707	3,807	95%
25 Years of Service:				
\$1,500	\$ 563	\$ 1,003	\$1,566	104%
2,000	750	1,145	1,895	95%
2,500	938	1,285	2,223	89%
3,000	1,125	1,426	2,551	85%
3,500	1,313	1,567	2,880	82%
4,000	1,500	1,707	3,207	80%
15 Years of Service:				
\$1,500	\$338	\$ 1,003	\$1,341	89%
2,000	450	1,145	1,595	80%
2,500	563	1,285	1,848	74%
3,000	675	1,426	2,101	70%
3,500	788	1,567	2,355	67%
4,000	900	1,707	2,607	65%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,922	128%
2,000	1,225	1,145	2,370	119%
2,500	1,531	1,285	2,816	113%
3,000	1,838	1,426	3,264	109%
3,500	2,144	1,567	3,711	106%
4,000	2,450	1,707	4,157	104%
25 Years of Service:				
\$1,500	\$ 656	\$ 1,003	\$1,659	111%
2,000	875	1,145	2,020	101%
2,500	1,094	1,285	2,379	95%
3,000	1,313	1,426	2,739	91%
3,500	1,531	1,567	3,098	89%
4,000	1,750	1,707	3,457	86%
15 Years of Service:				
\$1,500	\$ 394	\$ 1,003	\$1,397	93%
2,000	525	1,145	1,670	84%
2,500	656	1,285	1,941	78%
3,000	788	1,426	2,214	74%
3,500	919	1,567	2,486	71%
4,000	1,050	1,707	2,757	69%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$2,053	137%
2,000	1,400	1,145	2,545	127%
2,500	1,750	1,285	3,035	121%
3,000	2,100	1,426	3,526	118%
3,500	2,450	1,567	4,017	115%
4,000	2,800	1,707	4,507	113%
25 Years of Service:				
\$1,500	\$ 750	\$ 1,003	\$1,753	117%
2,000	1,000	1,145	2,145	107%
2,500	1,250	1,285	2,535	101%
3,000	1,500	1,426	2,926	98%
3,500	1,750	1,567	3,317	95%
4,000	2,000	1,707	3,707	93%
15 Years of Service:				
\$1,500	\$ 450	\$ 1,003	\$1,453	97%
2,000	600	1,145	1,745	87%
2,500	750	1,285	2,035	81%
3,000	900	1,426	2,326	78%
3,500	1,050	1,567	2,617	75%
4,000	1,200	1,707	2,907	73%

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 2023 - 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	\$ 1,003	\$1,050	\$1,528	70%	102%
2,000	1,400	700	1,145	1,400	1,845	70%	92%
2,500	1,750	875	1,285	1,750	2,160	70%	86%
3,000	2,100	1,050	1,426	2,100	2,476	70%	83%
3,500	2,450	1,225	1,567	2,450	2,792	70%	80%
4,000	2,800	1,400	1,707	2,800	3,107	70%	78%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 1,003	\$ 750	\$1,378	50%	92%
2,000	1,000	500	1,145	1,000	1,645	50%	82%
2,500	1,250	625	1,285	1,250	1,910	50%	76%
3,000	1,500	750	1,426	1,500	2,176	50%	73%
3,500	1,750	875	1,567	1,750	2,442	50%	70%
4,000	2,000	1,000	1,707	2,000	2,707	50%	68%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 1,003	\$ 450	\$1,228	30%	82%
2,000	600	300	1,145	600	1,445	30%	72%
2,500	750	375	1,285	750	1,660	30%	66%
3,000	900	450	1,426	900	1,876	30%	63%
3,500	1,050	525	1,567	1,050	2,092	30%	60%
4,000	1,200	600	1,707	1,200	2,307	30%	58%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,050	\$1,659	70%	111%
2,000	1,400	875	1,145	1,400	2,020	70%	101%
2,500	1,750	1,094	1,285	1,750	2,379	70%	95%
3,000	2,100	1,313	1,426	2,100	2,739	70%	91%
3,500	2,450	1,531	1,567	2,450	3,098	70%	89%
4,000	2,800	1,750	1,707	2,800	3,457	70%	86%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 1,003	\$ 750	\$1,472	50%	98%
2,000	1,000	625	1,145	1,000	1,770	50%	89%
2,500	1,250	781	1,285	1,250	2,066	50%	83%
3,000	1,500	938	1,426	1,500	2,364	50%	79%
3,500	1,750	1,094	1,567	1,750	2,661	50%	76%
4,000	2,000	1,250	1,707	2,000	2,957	50%	74%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 1,003	\$ 450	\$1,284	30%	86%
2,000	600	375	1,145	600	1,520	30%	76%
2,500	750	469	1,285	750	1,754	30%	70%
3,000	900	563	1,426	900	1,989	30%	66%
3,500	1,050	656	1,567	1,050	2,223	30%	64%
4,000	1,200	750	1,707	1,200	2,457	30%	61%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,050	\$1,791	70%	119%
2,000	1,400	1,050	1,145	1,400	2,195	70%	110%
2,500	1,750	1,313	1,285	1,750	2,598	70%	104%
3,000	2,100	1,575	1,426	2,100	3,001	70%	100%
3,500	2,450	1,838	1,567	2,450	3,405	70%	97%
4,000	2,800	2,100	1,707	2,800	3,807	70%	95%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 1,003	\$ 750	\$1,566	50%	104%
2,000	1,000	750	1,145	1,000	1,895	50%	95%
2,500	1,250	938	1,285	1,250	2,223	50%	89%
3,000	1,500	1,125	1,426	1,500	2,551	50%	85%
3,500	1,750	1,313	1,567	1,750	2,880	50%	82%
4,000	2,000	1,500	1,707	2,000	3,207	50%	80%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 1,003	\$ 450	\$1,341	30%	89%
2,000	600	450	1,145	600	1,595	30%	80%
2,500	750	563	1,285	750	1,848	30%	74%
3,000	900	675	1,426	900	2,101	30%	70%
3,500	1,050	788	1,567	1,050	2,355	30%	67%
4,000	1,200	900	1,707	1,200	2,607	30%	65%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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	\$ 1,003	\$1,050	\$1,922	70%	128%
2,000	1,400	1,225	1,145	1,400	2,370	70%	119%
2,500	1,750	1,531	1,285	1,750	2,816	70%	113%
3,000	2,100	1,838	1,426	2,100	3,264	70%	109%
3,500	2,450	2,144	1,567	2,450	3,711	70%	106%
4,000	2,800	2,450	1,707	2,800	4,157	70%	104%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 1,003	\$ 750	\$1,659	50%	111%
2,000	1,000	875	1,145	1,000	2,020	50%	101%
2,500	1,250	1,094	1,285	1,250	2,379	50%	95%
3,000	1,500	1,313	1,426	1,500	2,739	50%	91%
3,500	1,750	1,531	1,567	1,750	3,098	50%	89%
4,000	2,000	1,750	1,707	2,000	3,457	50%	86%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 1,003	\$ 450	\$1,397	30%	93%
2,000	600	525	1,145	600	1,670	30%	84%
2,500	750	656	1,285	750	1,941	30%	78%
3,000	900	788	1,426	900	2,214	30%	74%
3,500	1,050	919	1,567	1,050	2,486	30%	71%
4,000	1,200	1,050	1,707	1,200	2,757	30%	69%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2023 - 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

Newton County - General

July 31, 2023

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	4							4	\$ 130,521
25-29	3							3	\$ 101,489
30-34	4	1						5	\$ 147,169
35-39	4	2		1				7	\$ 393,685
40-44	8	1						9	\$ 303,867
45-49	2	1			1	1		5	\$ 181,044
50-54	8	2	1	1	2			14	\$ 538,626
55-59	7	4		1	2			14	\$ 501,800
60-64	2	1	2	1	2		1	9	\$ 400,104
65-69		3						3	\$ 92,589
70 & Over	1		1					2	\$ 70,094
Totals	43	15	4	4	7	1	1	75	\$ 2,860,988

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

Age: 48.2 years.

Benefit Service: 7.0 years.

Annual Pay: \$38,147

Newton County - Police

July 31, 2023

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20	1							1	\$ 31,595
20-24	10							10	\$ 287,532
25-29	7							7	\$ 277,576
30-34	9	2						11	\$ 425,057
35-39	3	3						6	\$ 254,406
40-44	2	1		2				5	\$ 223,399
45-49	1	1		2	1			5	\$ 212,957
50-54		2	1	2	1		1	7	\$ 356,281
55-59	1			1	1			3	\$ 119,687
60-64	2	1	1				1	5	\$ 287,242
65-69									
70 & Over									
Totals	36	10	2	7	3		2	60	\$ 2,475,732

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

Age: 38.3 years.

Benefit Service: 7.0 years.

Annual Pay: \$41,262

Newton County - Public Safety

July 31, 2023

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	2							2	\$ 49,509
25-29	1							1	\$ 35,693
30-34	9							9	\$ 304,627
35-39			1					1	\$ 50,625
40-44	1	1						2	\$ 89,033
45-49		2				1		3	\$ 161,712
50-54									
55-59	1							1	\$ 27,718
60-64		1	1					2	\$ 70,376
65-69		1						1	\$ 25,630
70 & Over									
Totals	14	5	2			1		22	\$ 814,923

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

Age: 39.7 years.

Benefit Service: 5.5 years.

Annual Pay: \$37,042

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.



October 19, 2023 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 July 31, 2023 Initial Actuarial Valuation of LAGERS benefits for the employees of

Newton County

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



October 19, 2023

Newton County
Neosho, 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 July 31, 2023 Initial Valuation for the Newton County dated October 19, 2023.

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, 2023. 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

Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,860,988	11.8%	\$337,597	\$ 2,265,933	14.6%	\$417,704	\$ 2,832,469	12.9%	\$369,067	\$ 2,486,326
2024	2,939,665	11.8	346,880	2,287,669	14.6	429,191	2,859,640	12.9	379,217	2,510,176
2025	3,020,506	11.8	356,420	2,307,163	14.6	440,994	2,884,007	12.9	389,645	2,531,566
2026	3,103,570	11.8	366,221	2,324,154	14.6	453,121	2,905,246	12.9	400,361	2,550,209
2027	3,188,918	11.8	376,292	2,338,360	14.6	465,582	2,923,004	12.9	411,370	2,565,796
2028	3,276,613	11.8	386,640	2,349,477	14.6	478,385	2,936,900	12.9	422,683	2,577,994
2029	3,366,720	11.8	397,273	2,357,176	14.6	491,541	2,946,524	12.9	434,307	2,586,442
2030	3,459,305	11.8	408,198	2,361,103	14.6	505,059	2,951,433	12.9	446,250	2,590,751
2031	3,554,436	11.8	419,423	2,360,876	14.6	518,948	2,951,149	12.9	458,522	2,590,502
2032	3,652,183	11.8	430,958	2,356,081	14.6	533,219	2,945,156	12.9	471,132	2,585,241

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	
2023	\$ 2,860,988	15.4%	\$440,592	\$ 2,997,755	17.2%	\$492,090	\$ 3,399,014	17.8%	\$509,256	\$ 3,509,203
2024	2,939,665	15.4	452,708	3,026,511	17.2	505,622	3,431,620	17.8	523,260	3,542,866
2025	3,020,506	15.4	465,158	3,052,300	17.2	519,527	3,460,861	17.8	537,650	3,573,055
2026	3,103,570	15.4	477,950	3,074,778	17.2	533,814	3,486,348	17.8	552,435	3,599,368
2027	3,188,918	15.4	491,093	3,093,572	17.2	548,494	3,507,657	17.8	567,627	3,621,368
2028	3,276,613	15.4	504,598	3,108,279	17.2	563,577	3,524,333	17.8	583,237	3,638,585
2029	3,366,720	15.4	518,475	3,118,465	17.2	579,076	3,535,883	17.8	599,276	3,650,509
2030	3,459,305	15.4	532,733	3,123,661	17.2	595,000	3,541,774	17.8	615,756	3,656,591
2031	3,554,436	15.4	547,383	3,123,360	17.2	611,363	3,541,433	17.8	632,690	3,656,239
2032	3,652,183	15.4	562,436	3,117,017	17.2	628,175	3,534,241	17.8	650,089	3,648,814

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	
2023	\$ 2,860,988	20.0%	\$572,198	\$ 3,965,480	20.3%	\$580,781	\$ 4,020,551	22.7%	\$649,444	\$ 4,530,392
2024	2,939,665	20.0	587,933	4,003,520	20.3	596,752	4,059,119	22.7	667,304	4,573,851
2025	3,020,506	20.0	604,101	4,037,635	20.3	613,163	4,093,707	22.7	685,655	4,612,826
2026	3,103,570	20.0	620,714	4,067,369	20.3	630,025	4,123,854	22.7	704,510	4,646,796
2027	3,188,918	20.0	637,784	4,092,230	20.3	647,350	4,149,060	22.7	723,884	4,675,198
2028	3,276,613	20.0	655,323	4,111,685	20.3	665,152	4,168,785	22.7	743,791	4,697,425
2029	3,366,720	20.0	673,344	4,125,159	20.3	683,444	4,182,446	22.7	764,245	4,712,819
2030	3,459,305	20.0	691,861	4,132,032	20.3	702,239	4,189,415	22.7	785,262	4,720,671
2031	3,554,436	20.0	710,887	4,131,634	20.3	721,551	4,189,012	22.7	806,857	4,720,217
2032	3,652,183	20.0	730,437	4,123,243	20.3	741,393	4,180,505	22.7	829,046	4,710,631

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	9.9%	\$283,238	\$ 2,265,933	12.7%	\$363,345	\$ 2,832,469	11.0%	\$314,709	\$ 2,486,326
2024	2,939,665	9.9	291,027	2,287,669	12.7	373,337	2,859,640	11.0	323,363	2,510,176
2025	3,020,506	9.9	299,030	2,307,163	12.7	383,604	2,884,007	11.0	332,256	2,531,566
2026	3,103,570	9.9	307,253	2,324,154	12.7	394,153	2,905,246	11.0	341,393	2,550,209
2027	3,188,918	9.9	315,703	2,338,360	12.7	404,993	2,923,004	11.0	350,781	2,565,796
2028	3,276,613	9.9	324,385	2,349,477	12.7	416,130	2,936,900	11.0	360,427	2,577,994
2029	3,366,720	9.9	333,305	2,357,176	12.7	427,573	2,946,524	11.0	370,339	2,586,442
2030	3,459,305	9.9	342,471	2,361,103	12.7	439,332	2,951,433	11.0	380,524	2,590,751
2031	3,554,436	9.9	351,889	2,360,876	12.7	451,413	2,951,149	11.0	390,988	2,590,502
2032	3,652,183	9.9	361,566	2,356,081	12.7	463,827	2,945,156	11.0	401,740	2,585,241

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	
2023	\$ 2,860,988	13.5%	\$386,233	\$ 2,997,755	15.3%	\$437,731	\$ 3,399,014	15.9%	\$454,897	\$ 3,509,203
2024	2,939,665	13.5	396,855	3,026,511	15.3	449,769	3,431,620	15.9	467,407	3,542,866
2025	3,020,506	13.5	407,768	3,052,300	15.3	462,137	3,460,861	15.9	480,260	3,573,055
2026	3,103,570	13.5	418,982	3,074,778	15.3	474,846	3,486,348	15.9	493,468	3,599,368
2027	3,188,918	13.5	430,504	3,093,572	15.3	487,904	3,507,657	15.9	507,038	3,621,368
2028	3,276,613	13.5	442,343	3,108,279	15.3	501,322	3,524,333	15.9	520,981	3,638,585
2029	3,366,720	13.5	454,507	3,118,465	15.3	515,108	3,535,883	15.9	535,308	3,650,509
2030	3,459,305	13.5	467,006	3,123,661	15.3	529,274	3,541,774	15.9	550,029	3,656,591
2031	3,554,436	13.5	479,849	3,123,360	15.3	543,829	3,541,433	15.9	565,155	3,656,239
2032	3,652,183	13.5	493,045	3,117,017	15.3	558,784	3,534,241	15.9	580,697	3,648,814

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	
2023	\$ 2,860,988	18.1%	\$517,839	\$ 3,965,480	18.4%	\$526,422	\$ 4,020,551	20.8%	\$595,086	\$ 4,530,392
2024	2,939,665	18.1	532,079	4,003,520	18.4	540,898	4,059,119	20.8	611,450	4,573,851
2025	3,020,506	18.1	546,712	4,037,635	18.4	555,773	4,093,707	20.8	628,265	4,612,826
2026	3,103,570	18.1	561,746	4,067,369	18.4	571,057	4,123,854	20.8	645,543	4,646,796
2027	3,188,918	18.1	577,194	4,092,230	18.4	586,761	4,149,060	20.8	663,295	4,675,198
2028	3,276,613	18.1	593,067	4,111,685	18.4	602,897	4,168,785	20.8	681,536	4,697,425
2029	3,366,720	18.1	609,376	4,125,159	18.4	619,476	4,182,446	20.8	700,278	4,712,819
2030	3,459,305	18.1	626,134	4,132,032	18.4	636,512	4,189,415	20.8	719,535	4,720,671
2031	3,554,436	18.1	643,353	4,131,634	18.4	654,016	4,189,012	20.8	739,323	4,720,217
2032	3,652,183	18.1	661,045	4,123,243	18.4	672,002	4,180,505	20.8	759,654	4,710,631

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,860,988	8.0%	\$228,879	\$ 2,265,933	10.8%	\$308,987	\$ 2,832,469	9.1%	\$260,350	\$ 2,486,326
2024	2,939,665	8.0	235,173	2,287,669	10.8	317,484	2,859,640	9.1	267,510	2,510,176
2025	3,020,506	8.0	241,640	2,307,163	10.8	326,215	2,884,007	9.1	274,866	2,531,566
2026	3,103,570	8.0	248,286	2,324,154	10.8	335,186	2,905,246	9.1	282,425	2,550,209
2027	3,188,918	8.0	255,113	2,338,360	10.8	344,403	2,923,004	9.1	290,192	2,565,796
2028	3,276,613	8.0	262,129	2,349,477	10.8	353,874	2,936,900	9.1	298,172	2,577,994
2029	3,366,720	8.0	269,338	2,357,176	10.8	363,606	2,946,524	9.1	306,372	2,586,442
2030	3,459,305	8.0	276,744	2,361,103	10.8	373,605	2,951,433	9.1	314,797	2,590,751
2031	3,554,436	8.0	284,355	2,360,876	10.8	383,879	2,951,149	9.1	323,454	2,590,502
2032	3,652,183	8.0	292,175	2,356,081	10.8	394,436	2,945,156	9.1	332,349	2,585,241

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	
2023	\$ 2,860,988	11.6%	\$331,875	\$ 2,997,755	13.4%	\$383,372	\$ 3,399,014	14.0%	\$400,538	\$ 3,509,203
2024	2,939,665	11.6	341,001	3,026,511	13.4	393,915	3,431,620	14.0	411,553	3,542,866
2025	3,020,506	11.6	350,379	3,052,300	13.4	404,748	3,460,861	14.0	422,871	3,573,055
2026	3,103,570	11.6	360,014	3,074,778	13.4	415,878	3,486,348	14.0	434,500	3,599,368
2027	3,188,918	11.6	369,914	3,093,572	13.4	427,315	3,507,657	14.0	446,449	3,621,368
2028	3,276,613	11.6	380,087	3,108,279	13.4	439,066	3,524,333	14.0	458,726	3,638,585
2029	3,366,720	11.6	390,540	3,118,465	13.4	451,140	3,535,883	14.0	471,341	3,650,509
2030	3,459,305	11.6	401,279	3,123,661	13.4	463,547	3,541,774	14.0	484,303	3,656,591
2031	3,554,436	11.6	412,315	3,123,360	13.4	476,294	3,541,433	14.0	497,621	3,656,239
2032	3,652,183	11.6	423,653	3,117,017	13.4	489,393	3,534,241	14.0	511,306	3,648,814

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	
2023	\$ 2,860,988	16.2%	\$463,480	\$ 3,965,480	16.5%	\$472,063	\$ 4,020,551	18.9%	\$540,727	\$ 4,530,392
2024	2,939,665	16.2	476,226	4,003,520	16.5	485,045	4,059,119	18.9	555,597	4,573,851
2025	3,020,506	16.2	489,322	4,037,635	16.5	498,383	4,093,707	18.9	570,876	4,612,826
2026	3,103,570	16.2	502,778	4,067,369	16.5	512,089	4,123,854	18.9	586,575	4,646,796
2027	3,188,918	16.2	516,605	4,092,230	16.5	526,171	4,149,060	18.9	602,706	4,675,198
2028	3,276,613	16.2	530,811	4,111,685	16.5	540,641	4,168,785	18.9	619,280	4,697,425
2029	3,366,720	16.2	545,409	4,125,159	16.5	555,509	4,182,446	18.9	636,310	4,712,819
2030	3,459,305	16.2	560,407	4,132,032	16.5	570,785	4,189,415	18.9	653,809	4,720,671
2031	3,554,436	16.2	575,819	4,131,634	16.5	586,482	4,189,012	18.9	671,788	4,720,217
2032	3,652,183	16.2	591,654	4,123,243	16.5	602,610	4,180,505	18.9	690,263	4,710,631

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,860,988	6.1%	\$174,520	\$ 2,265,933	8.9%	\$254,628	\$ 2,832,469	7.2%	\$205,991	\$ 2,486,326
2024	2,939,665	6.1	179,320	2,287,669	8.9	261,630	2,859,640	7.2	211,656	2,510,176
2025	3,020,506	6.1	184,251	2,307,163	8.9	268,825	2,884,007	7.2	217,476	2,531,566
2026	3,103,570	6.1	189,318	2,324,154	8.9	276,218	2,905,246	7.2	223,457	2,550,209
2027	3,188,918	6.1	194,524	2,338,360	8.9	283,814	2,923,004	7.2	229,602	2,565,796
2028	3,276,613	6.1	199,873	2,349,477	8.9	291,619	2,936,900	7.2	235,916	2,577,994
2029	3,366,720	6.1	205,370	2,357,176	8.9	299,638	2,946,524	7.2	242,404	2,586,442
2030	3,459,305	6.1	211,018	2,361,103	8.9	307,878	2,951,433	7.2	249,070	2,590,751
2031	3,554,436	6.1	216,821	2,360,876	8.9	316,345	2,951,149	7.2	255,919	2,590,502
2032	3,652,183	6.1	222,783	2,356,081	8.9	325,044	2,945,156	7.2	262,957	2,585,241

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	
2023	\$ 2,860,988	9.7%	\$277,516	\$ 2,997,755	11.5%	\$329,014	\$ 3,399,014	12.1%	\$346,180	\$ 3,509,203
2024	2,939,665	9.7	285,148	3,026,511	11.5	338,061	3,431,620	12.1	355,699	3,542,866
2025	3,020,506	9.7	292,989	3,052,300	11.5	347,358	3,460,861	12.1	365,481	3,573,055
2026	3,103,570	9.7	301,046	3,074,778	11.5	356,911	3,486,348	12.1	375,532	3,599,368
2027	3,188,918	9.7	309,325	3,093,572	11.5	366,726	3,507,657	12.1	385,859	3,621,368
2028	3,276,613	9.7	317,831	3,108,279	11.5	376,810	3,524,333	12.1	396,470	3,638,585
2029	3,366,720	9.7	326,572	3,118,465	11.5	387,173	3,535,883	12.1	407,373	3,650,509
2030	3,459,305	9.7	335,553	3,123,661	11.5	397,820	3,541,774	12.1	418,576	3,656,591
2031	3,554,436	9.7	344,780	3,123,360	11.5	408,760	3,541,433	12.1	430,087	3,656,239
2032	3,652,183	9.7	354,262	3,117,017	11.5	420,001	3,534,241	12.1	441,914	3,648,814

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	
2023	\$ 2,860,988	14.3%	\$409,121	\$ 3,965,480	14.6%	\$417,704	\$ 4,020,551	17.0%	\$486,368	\$ 4,530,392
2024	2,939,665	14.3	420,372	4,003,520	14.6	429,191	4,059,119	17.0	499,743	4,573,851
2025	3,020,506	14.3	431,932	4,037,635	14.6	440,994	4,093,707	17.0	513,486	4,612,826
2026	3,103,570	14.3	443,811	4,067,369	14.6	453,121	4,123,854	17.0	527,607	4,646,796
2027	3,188,918	14.3	456,015	4,092,230	14.6	465,582	4,149,060	17.0	542,116	4,675,198
2028	3,276,613	14.3	468,556	4,111,685	14.6	478,385	4,168,785	17.0	557,024	4,697,425
2029	3,366,720	14.3	481,441	4,125,159	14.6	491,541	4,182,446	17.0	572,342	4,712,819
2030	3,459,305	14.3	494,681	4,132,032	14.6	505,059	4,189,415	17.0	588,082	4,720,671
2031	3,554,436	14.3	508,284	4,131,634	14.6	518,948	4,189,012	17.0	604,254	4,720,217
2032	3,652,183	14.3	522,262	4,123,243	14.6	533,219	4,180,505	17.0	620,871	4,710,631

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	12.2%	\$349,041	\$ 2,340,209	15.0%	\$429,148	\$ 2,925,191	13.3%	\$380,511	\$ 2,568,171
2024	2,939,665	12.2	358,639	2,362,658	15.0	440,950	2,953,251	13.3	390,975	2,592,807
2025	3,020,506	12.2	368,502	2,382,791	15.0	453,076	2,978,416	13.3	401,727	2,614,901
2026	3,103,570	12.2	378,636	2,400,338	15.0	465,536	3,000,350	13.3	412,775	2,634,158
2027	3,188,918	12.2	389,048	2,415,009	15.0	478,338	3,018,689	13.3	424,126	2,650,259
2028	3,276,613	12.2	399,747	2,426,490	15.0	491,492	3,033,040	13.3	435,790	2,662,859
2029	3,366,720	12.2	410,740	2,434,442	15.0	505,008	3,042,980	13.3	447,774	2,671,585
2030	3,459,305	12.2	422,035	2,438,498	15.0	518,896	3,048,050	13.3	460,088	2,676,036
2031	3,554,436	12.2	433,641	2,438,263	15.0	533,165	3,047,757	13.3	472,740	2,675,778
2032	3,652,183	12.2	445,566	2,433,311	15.0	547,827	3,041,568	13.3	485,740	2,670,344

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	
2023	\$ 2,860,988	15.9%	\$454,897	\$ 3,096,168	17.8%	\$509,256	\$ 3,510,144	18.4%	\$526,422	\$ 3,624,084
2024	2,939,665	15.9	467,407	3,125,868	17.8	523,260	3,543,816	18.4	540,898	3,658,849
2025	3,020,506	15.9	480,260	3,152,504	17.8	537,650	3,574,013	18.4	555,773	3,690,027
2026	3,103,570	15.9	493,468	3,175,720	17.8	552,435	3,600,333	18.4	571,057	3,717,201
2027	3,188,918	15.9	507,038	3,195,131	17.8	567,627	3,622,339	18.4	586,761	3,739,921
2028	3,276,613	15.9	520,981	3,210,321	17.8	583,237	3,639,560	18.4	602,897	3,757,701
2029	3,366,720	15.9	535,308	3,220,841	17.8	599,276	3,651,487	18.4	619,476	3,770,015
2030	3,459,305	15.9	550,029	3,226,207	17.8	615,756	3,657,571	18.4	636,512	3,776,296
2031	3,554,436	15.9	565,155	3,225,897	17.8	632,690	3,657,219	18.4	654,016	3,775,933
2032	3,652,183	15.9	580,697	3,219,346	17.8	650,089	3,649,792	18.4	672,002	3,768,265

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	
2023	\$ 2,860,988	20.7%	\$592,225	\$ 4,095,172	21.0%	\$600,807	\$ 4,152,200	23.5%	\$672,332	\$ 4,678,604
2024	2,939,665	20.7	608,511	4,134,456	21.0	617,330	4,192,031	23.5	690,821	4,723,484
2025	3,020,506	20.7	625,245	4,169,686	21.0	634,306	4,227,752	23.5	709,819	4,763,734
2026	3,103,570	20.7	642,439	4,200,393	21.0	651,750	4,258,886	23.5	729,339	4,798,815
2027	3,188,918	20.7	660,106	4,226,067	21.0	669,673	4,284,917	23.5	749,396	4,828,146
2028	3,276,613	20.7	678,259	4,246,158	21.0	688,089	4,305,288	23.5	770,004	4,851,100
2029	3,366,720	20.7	696,911	4,260,073	21.0	707,011	4,319,397	23.5	791,179	4,866,997
2030	3,459,305	20.7	716,076	4,267,171	21.0	726,454	4,326,594	23.5	812,937	4,875,106
2031	3,554,436	20.7	735,768	4,266,760	21.0	746,432	4,326,178	23.5	835,292	4,874,637
2032	3,652,183	20.7	756,002	4,258,095	21.0	766,958	4,317,392	23.5	858,263	4,864,737

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,860,988	10.3%	\$294,682	\$ 2,340,209	13.1%	\$374,789	\$ 2,925,191	11.4%	\$326,153	\$ 2,568,171
2024	2,939,665	10.3	302,785	2,362,658	13.1	385,096	2,953,251	11.4	335,122	2,592,807
2025	3,020,506	10.3	311,112	2,382,791	13.1	395,686	2,978,416	11.4	344,338	2,614,901
2026	3,103,570	10.3	319,668	2,400,338	13.1	406,568	3,000,350	11.4	353,807	2,634,158
2027	3,188,918	10.3	328,459	2,415,009	13.1	417,748	3,018,689	11.4	363,537	2,650,259
2028	3,276,613	10.3	337,491	2,426,490	13.1	429,236	3,033,040	11.4	373,534	2,662,859
2029	3,366,720	10.3	346,772	2,434,442	13.1	441,040	3,042,980	11.4	383,806	2,671,585
2030	3,459,305	10.3	356,308	2,438,498	13.1	453,169	3,048,050	11.4	394,361	2,676,036
2031	3,554,436	10.3	366,107	2,438,263	13.1	465,631	3,047,757	11.4	405,206	2,675,778
2032	3,652,183	10.3	376,175	2,433,311	13.1	478,436	3,041,568	11.4	416,349	2,670,344

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	
2023	\$ 2,860,988	14.0%	\$400,538	\$ 3,096,168	15.9%	\$454,897	\$ 3,510,144	16.5%	\$472,063	\$ 3,624,084
2024	2,939,665	14.0	411,553	3,125,868	15.9	467,407	3,543,816	16.5	485,045	3,658,849
2025	3,020,506	14.0	422,871	3,152,504	15.9	480,260	3,574,013	16.5	498,383	3,690,027
2026	3,103,570	14.0	434,500	3,175,720	15.9	493,468	3,600,333	16.5	512,089	3,717,201
2027	3,188,918	14.0	446,449	3,195,131	15.9	507,038	3,622,339	16.5	526,171	3,739,921
2028	3,276,613	14.0	458,726	3,210,321	15.9	520,981	3,639,560	16.5	540,641	3,757,701
2029	3,366,720	14.0	471,341	3,220,841	15.9	535,308	3,651,487	16.5	555,509	3,770,015
2030	3,459,305	14.0	484,303	3,226,207	15.9	550,029	3,657,571	16.5	570,785	3,776,296
2031	3,554,436	14.0	497,621	3,225,897	15.9	565,155	3,657,219	16.5	586,482	3,775,933
2032	3,652,183	14.0	511,306	3,219,346	15.9	580,697	3,649,792	16.5	602,610	3,768,265

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	
2023	\$ 2,860,988	18.8%	\$537,866	\$ 4,095,172	19.1%	\$546,449	\$ 4,152,200	21.6%	\$617,973	\$ 4,678,604
2024	2,939,665	18.8	552,657	4,134,456	19.1	561,476	4,192,031	21.6	634,968	4,723,484
2025	3,020,506	18.8	567,855	4,169,686	19.1	576,917	4,227,752	21.6	652,429	4,763,734
2026	3,103,570	18.8	583,471	4,200,393	19.1	592,782	4,258,886	21.6	670,371	4,798,815
2027	3,188,918	18.8	599,517	4,226,067	19.1	609,083	4,284,917	21.6	688,806	4,828,146
2028	3,276,613	18.8	616,003	4,246,158	19.1	625,833	4,305,288	21.6	707,748	4,851,100
2029	3,366,720	18.8	632,943	4,260,073	19.1	643,044	4,319,397	21.6	727,212	4,866,997
2030	3,459,305	18.8	650,349	4,267,171	19.1	660,727	4,326,594	21.6	747,210	4,875,106
2031	3,554,436	18.8	668,234	4,266,760	19.1	678,897	4,326,178	21.6	767,758	4,874,637
2032	3,652,183	18.8	686,610	4,258,095	19.1	697,567	4,317,392	21.6	788,872	4,864,737

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,860,988	8.4%	\$240,323	\$ 2,340,209	11.2%	\$320,431	\$ 2,925,191	9.5%	\$271,794	\$ 2,568,171
2024	2,939,665	8.4	246,932	2,362,658	11.2	329,242	2,953,251	9.5	279,268	2,592,807
2025	3,020,506	8.4	253,723	2,382,791	11.2	338,297	2,978,416	9.5	286,948	2,614,901
2026	3,103,570	8.4	260,700	2,400,338	11.2	347,600	3,000,350	9.5	294,839	2,634,158
2027	3,188,918	8.4	267,869	2,415,009	11.2	357,159	3,018,689	9.5	302,947	2,650,259
2028	3,276,613	8.4	275,235	2,426,490	11.2	366,981	3,033,040	9.5	311,278	2,662,859
2029	3,366,720	8.4	282,804	2,434,442	11.2	377,073	3,042,980	9.5	319,838	2,671,585
2030	3,459,305	8.4	290,582	2,438,498	11.2	387,442	3,048,050	9.5	328,634	2,676,036
2031	3,554,436	8.4	298,573	2,438,263	11.2	398,097	3,047,757	9.5	337,671	2,675,778
2032	3,652,183	8.4	306,783	2,433,311	11.2	409,044	3,041,568	9.5	346,957	2,670,344

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	
2023	\$ 2,860,988	12.1%	\$346,180	\$ 3,096,168	14.0%	\$400,538	\$ 3,510,144	14.6%	\$417,704	\$ 3,624,084
2024	2,939,665	12.1	355,699	3,125,868	14.0	411,553	3,543,816	14.6	429,191	3,658,849
2025	3,020,506	12.1	365,481	3,152,504	14.0	422,871	3,574,013	14.6	440,994	3,690,027
2026	3,103,570	12.1	375,532	3,175,720	14.0	434,500	3,600,333	14.6	453,121	3,717,201
2027	3,188,918	12.1	385,859	3,195,131	14.0	446,449	3,622,339	14.6	465,582	3,739,921
2028	3,276,613	12.1	396,470	3,210,321	14.0	458,726	3,639,560	14.6	478,385	3,757,701
2029	3,366,720	12.1	407,373	3,220,841	14.0	471,341	3,651,487	14.6	491,541	3,770,015
2030	3,459,305	12.1	418,576	3,226,207	14.0	484,303	3,657,571	14.6	505,059	3,776,296
2031	3,554,436	12.1	430,087	3,225,897	14.0	497,621	3,657,219	14.6	518,948	3,775,933
2032	3,652,183	12.1	441,914	3,219,346	14.0	511,306	3,649,792	14.6	533,219	3,768,265

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	
2023	\$ 2,860,988	16.9%	\$483,507	\$ 4,095,172	17.2%	\$492,090	\$ 4,152,200	19.7%	\$563,615	\$ 4,678,604
2024	2,939,665	16.9	496,803	4,134,456	17.2	505,622	4,192,031	19.7	579,114	4,723,484
2025	3,020,506	16.9	510,466	4,169,686	17.2	519,527	4,227,752	19.7	595,040	4,763,734
2026	3,103,570	16.9	524,503	4,200,393	17.2	533,814	4,258,886	19.7	611,403	4,798,815
2027	3,188,918	16.9	538,927	4,226,067	17.2	548,494	4,284,917	19.7	628,217	4,828,146
2028	3,276,613	16.9	553,748	4,246,158	17.2	563,577	4,305,288	19.7	645,493	4,851,100
2029	3,366,720	16.9	568,976	4,260,073	17.2	579,076	4,319,397	19.7	663,244	4,866,997
2030	3,459,305	16.9	584,623	4,267,171	17.2	595,000	4,326,594	19.7	681,483	4,875,106
2031	3,554,436	16.9	600,700	4,266,760	17.2	611,363	4,326,178	19.7	700,224	4,874,637
2032	3,652,183	16.9	617,219	4,258,095	17.2	628,175	4,317,392	19.7	719,480	4,864,737

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.



Newton County - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	6.5%	\$185,964	\$ 2,340,209	9.3%	\$266,072	\$ 2,925,191	7.6%	\$217,435	\$ 2,568,171
2024	2,939,665	6.5	191,078	2,362,658	9.3	273,389	2,953,251	7.6	223,415	2,592,807
2025	3,020,506	6.5	196,333	2,382,791	9.3	280,907	2,978,416	7.6	229,558	2,614,901
2026	3,103,570	6.5	201,732	2,400,338	9.3	288,632	3,000,350	7.6	235,871	2,634,158
2027	3,188,918	6.5	207,280	2,415,009	9.3	296,569	3,018,689	7.6	242,358	2,650,259
2028	3,276,613	6.5	212,980	2,426,490	9.3	304,725	3,033,040	7.6	249,023	2,662,859
2029	3,366,720	6.5	218,837	2,434,442	9.3	313,105	3,042,980	7.6	255,871	2,671,585
2030	3,459,305	6.5	224,855	2,438,498	9.3	321,715	3,048,050	7.6	262,907	2,676,036
2031	3,554,436	6.5	231,038	2,438,263	9.3	330,563	3,047,757	7.6	270,137	2,675,778
2032	3,652,183	6.5	237,392	2,433,311	9.3	339,653	3,041,568	7.6	277,566	2,670,344

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	
2023	\$ 2,860,988	10.2%	\$291,821	\$ 3,096,168	12.1%	\$346,180	\$ 3,510,144	12.7%	\$363,345	\$ 3,624,084
2024	2,939,665	10.2	299,846	3,125,868	12.1	355,699	3,543,816	12.7	373,337	3,658,849
2025	3,020,506	10.2	308,092	3,152,504	12.1	365,481	3,574,013	12.7	383,604	3,690,027
2026	3,103,570	10.2	316,564	3,175,720	12.1	375,532	3,600,333	12.7	394,153	3,717,201
2027	3,188,918	10.2	325,270	3,195,131	12.1	385,859	3,622,339	12.7	404,993	3,739,921
2028	3,276,613	10.2	334,215	3,210,321	12.1	396,470	3,639,560	12.7	416,130	3,757,701
2029	3,366,720	10.2	343,405	3,220,841	12.1	407,373	3,651,487	12.7	427,573	3,770,015
2030	3,459,305	10.2	352,849	3,226,207	12.1	418,576	3,657,571	12.7	439,332	3,776,296
2031	3,554,436	10.2	362,552	3,225,897	12.1	430,087	3,657,219	12.7	451,413	3,775,933
2032	3,652,183	10.2	372,523	3,219,346	12.1	441,914	3,649,792	12.7	463,827	3,768,265

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	
2023	\$ 2,860,988	15.0%	\$429,148	\$ 4,095,172	15.3%	\$437,731	\$ 4,152,200	17.8%	\$509,256	\$ 4,678,604
2024	2,939,665	15.0	440,950	4,134,456	15.3	449,769	4,192,031	17.8	523,260	4,723,484
2025	3,020,506	15.0	453,076	4,169,686	15.3	462,137	4,227,752	17.8	537,650	4,763,734
2026	3,103,570	15.0	465,536	4,200,393	15.3	474,846	4,258,886	17.8	552,435	4,798,815
2027	3,188,918	15.0	478,338	4,226,067	15.3	487,904	4,284,917	17.8	567,627	4,828,146
2028	3,276,613	15.0	491,492	4,246,158	15.3	501,322	4,305,288	17.8	583,237	4,851,100
2029	3,366,720	15.0	505,008	4,260,073	15.3	515,108	4,319,397	17.8	599,276	4,866,997
2030	3,459,305	15.0	518,896	4,267,171	15.3	529,274	4,326,594	17.8	615,756	4,875,106
2031	3,554,436	15.0	533,165	4,266,760	15.3	543,829	4,326,178	17.8	632,690	4,874,637
2032	3,652,183	15.0	547,827	4,258,095	15.3	558,784	4,317,392	17.8	650,089	4,864,737

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	12.4%	\$354,763	\$ 2,437,951	15.3%	\$437,731	\$ 3,047,479	14.3%	\$409,121	\$ 2,890,998
2024	2,939,665	12.4	364,518	2,461,337	15.3	449,769	3,076,712	14.3	420,372	2,918,730
2025	3,020,506	12.4	374,543	2,482,310	15.3	462,137	3,102,929	14.3	431,932	2,943,601
2026	3,103,570	12.4	384,843	2,500,590	15.3	474,846	3,125,780	14.3	443,811	2,965,278
2027	3,188,918	12.4	395,426	2,515,874	15.3	487,904	3,144,886	14.3	456,015	2,983,402
2028	3,276,613	12.4	406,300	2,527,835	15.3	501,322	3,159,837	14.3	468,556	2,997,586
2029	3,366,720	12.4	417,473	2,536,119	15.3	515,108	3,170,192	14.3	481,441	3,007,409
2030	3,459,305	12.4	428,954	2,540,345	15.3	529,274	3,175,474	14.3	494,681	3,012,420
2031	3,554,436	12.4	440,750	2,540,101	15.3	543,829	3,175,168	14.3	508,284	3,012,130
2032	3,652,183	12.4	452,871	2,534,942	15.3	558,784	3,168,720	14.3	522,262	3,006,013

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	
2023	\$ 2,860,988	16.7%	\$477,785	\$ 3,387,184	18.2%	\$520,700	\$ 3,657,018	19.1%	\$546,449	\$ 3,883,505
2024	2,939,665	16.7	490,924	3,419,676	18.2	535,019	3,692,099	19.1	561,476	3,920,758
2025	3,020,506	16.7	504,425	3,448,816	18.2	549,732	3,723,560	19.1	576,917	3,954,167
2026	3,103,570	16.7	518,296	3,474,214	18.2	564,850	3,750,981	19.1	592,782	3,983,286
2027	3,188,918	16.7	532,549	3,495,449	18.2	580,383	3,773,908	19.1	609,083	4,007,633
2028	3,276,613	16.7	547,194	3,512,067	18.2	596,344	3,791,850	19.1	625,833	4,026,686
2029	3,366,720	16.7	562,242	3,523,576	18.2	612,743	3,804,276	19.1	643,044	4,039,882
2030	3,459,305	16.7	577,704	3,529,447	18.2	629,594	3,810,614	19.1	660,727	4,046,613
2031	3,554,436	16.7	593,591	3,529,107	18.2	646,907	3,810,247	19.1	678,897	4,046,224
2032	3,652,183	16.7	609,915	3,521,940	18.2	664,697	3,802,509	19.1	697,567	4,038,007

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	
2023	\$ 2,860,988	21.1%	\$603,668	\$ 4,266,529	21.5%	\$615,112	\$ 4,379,785	24.0%	\$686,637	\$ 4,875,808
2024	2,939,665	21.1	620,269	4,307,456	21.5	632,028	4,421,799	24.0	705,520	4,922,580
2025	3,020,506	21.1	637,327	4,344,161	21.5	649,409	4,459,478	24.0	724,921	4,964,526
2026	3,103,570	21.1	654,853	4,376,152	21.5	667,268	4,492,319	24.0	744,857	5,001,086
2027	3,188,918	21.1	672,862	4,402,900	21.5	685,617	4,519,777	24.0	765,340	5,031,654
2028	3,276,613	21.1	691,365	4,423,832	21.5	704,472	4,541,265	24.0	786,387	5,055,575
2029	3,366,720	21.1	710,378	4,438,329	21.5	723,845	4,556,147	24.0	808,013	5,072,143
2030	3,459,305	21.1	729,913	4,445,724	21.5	743,751	4,563,738	24.0	830,233	5,080,594
2031	3,554,436	21.1	749,986	4,445,296	21.5	764,204	4,563,299	24.0	853,065	5,080,105
2032	3,652,183	21.1	770,611	4,436,268	21.5	785,219	4,554,032	24.0	876,524	5,069,788

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	10.5%	\$300,404	\$ 2,437,951	13.4%	\$383,372	\$ 3,047,479	12.4%	\$354,763	\$ 2,890,998
2024	2,939,665	10.5	308,665	2,461,337	13.4	393,915	3,076,712	12.4	364,518	2,918,730
2025	3,020,506	10.5	317,153	2,482,310	13.4	404,748	3,102,929	12.4	374,543	2,943,601
2026	3,103,570	10.5	325,875	2,500,590	13.4	415,878	3,125,780	12.4	384,843	2,965,278
2027	3,188,918	10.5	334,836	2,515,874	13.4	427,315	3,144,886	12.4	395,426	2,983,402
2028	3,276,613	10.5	344,044	2,527,835	13.4	439,066	3,159,837	12.4	406,300	2,997,586
2029	3,366,720	10.5	353,506	2,536,119	13.4	451,140	3,170,192	12.4	417,473	3,007,409
2030	3,459,305	10.5	363,227	2,540,345	13.4	463,547	3,175,474	12.4	428,954	3,012,420
2031	3,554,436	10.5	373,216	2,540,101	13.4	476,294	3,175,168	12.4	440,750	3,012,130
2032	3,652,183	10.5	383,479	2,534,942	13.4	489,393	3,168,720	12.4	452,871	3,006,013

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	
2023	\$ 2,860,988	14.8%	\$423,426	\$ 3,387,184	16.3%	\$466,341	\$ 3,657,018	17.2%	\$492,090	\$ 3,883,505
2024	2,939,665	14.8	435,070	3,419,676	16.3	479,165	3,692,099	17.2	505,622	3,920,758
2025	3,020,506	14.8	447,035	3,448,816	16.3	492,342	3,723,560	17.2	519,527	3,954,167
2026	3,103,570	14.8	459,328	3,474,214	16.3	505,882	3,750,981	17.2	533,814	3,983,286
2027	3,188,918	14.8	471,960	3,495,449	16.3	519,794	3,773,908	17.2	548,494	4,007,633
2028	3,276,613	14.8	484,939	3,512,067	16.3	534,088	3,791,850	17.2	563,577	4,026,686
2029	3,366,720	14.8	498,275	3,523,576	16.3	548,775	3,804,276	17.2	579,076	4,039,882
2030	3,459,305	14.8	511,977	3,529,447	16.3	563,867	3,810,614	17.2	595,000	4,046,613
2031	3,554,436	14.8	526,057	3,529,107	16.3	579,373	3,810,247	17.2	611,363	4,046,224
2032	3,652,183	14.8	540,523	3,521,940	16.3	595,306	3,802,509	17.2	628,175	4,038,007

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	
2023	\$ 2,860,988	19.2%	\$549,310	\$ 4,266,529	19.6%	\$560,754	\$ 4,379,785	22.1%	\$632,278	\$ 4,875,808
2024	2,939,665	19.2	564,416	4,307,456	19.6	576,174	4,421,799	22.1	649,666	4,922,580
2025	3,020,506	19.2	579,937	4,344,161	19.6	592,019	4,459,478	22.1	667,532	4,964,526
2026	3,103,570	19.2	595,885	4,376,152	19.6	608,300	4,492,319	22.1	685,889	5,001,086
2027	3,188,918	19.2	612,272	4,402,900	19.6	625,028	4,519,777	22.1	704,751	5,031,654
2028	3,276,613	19.2	629,110	4,423,832	19.6	642,216	4,541,265	22.1	724,131	5,055,575
2029	3,366,720	19.2	646,410	4,438,329	19.6	659,877	4,556,147	22.1	744,045	5,072,143
2030	3,459,305	19.2	664,187	4,445,724	19.6	678,024	4,563,738	22.1	764,506	5,080,594
2031	3,554,436	19.2	682,452	4,445,296	19.6	696,669	4,563,299	22.1	785,530	5,080,105
2032	3,652,183	19.2	701,219	4,436,268	19.6	715,828	4,554,032	22.1	807,132	5,069,788

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	8.6%	\$246,045	\$ 2,437,951	11.5%	\$329,014	\$ 3,047,479	10.5%	\$300,404	\$ 2,890,998
2024	2,939,665	8.6	252,811	2,461,337	11.5	338,061	3,076,712	10.5	308,665	2,918,730
2025	3,020,506	8.6	259,764	2,482,310	11.5	347,358	3,102,929	10.5	317,153	2,943,601
2026	3,103,570	8.6	266,907	2,500,590	11.5	356,911	3,125,780	10.5	325,875	2,965,278
2027	3,188,918	8.6	274,247	2,515,874	11.5	366,726	3,144,886	10.5	334,836	2,983,402
2028	3,276,613	8.6	281,789	2,527,835	11.5	376,810	3,159,837	10.5	344,044	2,997,586
2029	3,366,720	8.6	289,538	2,536,119	11.5	387,173	3,170,192	10.5	353,506	3,007,409
2030	3,459,305	8.6	297,500	2,540,345	11.5	397,820	3,175,474	10.5	363,227	3,012,420
2031	3,554,436	8.6	305,681	2,540,101	11.5	408,760	3,175,168	10.5	373,216	3,012,130
2032	3,652,183	8.6	314,088	2,534,942	11.5	420,001	3,168,720	10.5	383,479	3,006,013

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	
2023	\$ 2,860,988	12.9%	\$369,067	\$ 3,387,184	14.4%	\$411,982	\$ 3,657,018	15.3%	\$437,731	\$ 3,883,505
2024	2,939,665	12.9	379,217	3,419,676	14.4	423,312	3,692,099	15.3	449,769	3,920,758
2025	3,020,506	12.9	389,645	3,448,816	14.4	434,953	3,723,560	15.3	462,137	3,954,167
2026	3,103,570	12.9	400,361	3,474,214	14.4	446,914	3,750,981	15.3	474,846	3,983,286
2027	3,188,918	12.9	411,370	3,495,449	14.4	459,204	3,773,908	15.3	487,904	4,007,633
2028	3,276,613	12.9	422,683	3,512,067	14.4	471,832	3,791,850	15.3	501,322	4,026,686
2029	3,366,720	12.9	434,307	3,523,576	14.4	484,808	3,804,276	15.3	515,108	4,039,882
2030	3,459,305	12.9	446,250	3,529,447	14.4	498,140	3,810,614	15.3	529,274	4,046,613
2031	3,554,436	12.9	458,522	3,529,107	14.4	511,839	3,810,247	15.3	543,829	4,046,224
2032	3,652,183	12.9	471,132	3,521,940	14.4	525,914	3,802,509	15.3	558,784	4,038,007

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	
2023	\$ 2,860,988	17.3%	\$494,951	\$ 4,266,529	17.7%	\$506,395	\$ 4,379,785	20.2%	\$577,920	\$ 4,875,808
2024	2,939,665	17.3	508,562	4,307,456	17.7	520,321	4,421,799	20.2	593,812	4,922,580
2025	3,020,506	17.3	522,548	4,344,161	17.7	534,630	4,459,478	20.2	610,142	4,964,526
2026	3,103,570	17.3	536,918	4,376,152	17.7	549,332	4,492,319	20.2	626,921	5,001,086
2027	3,188,918	17.3	551,683	4,402,900	17.7	564,438	4,519,777	20.2	644,161	5,031,654
2028	3,276,613	17.3	566,854	4,423,832	17.7	579,961	4,541,265	20.2	661,876	5,055,575
2029	3,366,720	17.3	582,443	4,438,329	17.7	595,909	4,556,147	20.2	680,077	5,072,143
2030	3,459,305	17.3	598,460	4,445,724	17.7	612,297	4,563,738	20.2	698,780	5,080,594
2031	3,554,436	17.3	614,917	4,445,296	17.7	629,135	4,563,299	20.2	717,996	5,080,105
2032	3,652,183	17.3	631,828	4,436,268	17.7	646,436	4,554,032	20.2	737,741	5,069,788

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	6.7%	\$191,686	\$ 2,437,951	9.6%	\$274,655	\$ 3,047,479	8.6%	\$246,045	\$ 2,890,998
2024	2,939,665	6.7	196,958	2,461,337	9.6	282,208	3,076,712	8.6	252,811	2,918,730
2025	3,020,506	6.7	202,374	2,482,310	9.6	289,969	3,102,929	8.6	259,764	2,943,601
2026	3,103,570	6.7	207,939	2,500,590	9.6	297,943	3,125,780	8.6	266,907	2,965,278
2027	3,188,918	6.7	213,658	2,515,874	9.6	306,136	3,144,886	8.6	274,247	2,983,402
2028	3,276,613	6.7	219,533	2,527,835	9.6	314,555	3,159,837	8.6	281,789	2,997,586
2029	3,366,720	6.7	225,570	2,536,119	9.6	323,205	3,170,192	8.6	289,538	3,007,409
2030	3,459,305	6.7	231,773	2,540,345	9.6	332,093	3,175,474	8.6	297,500	3,012,420
2031	3,554,436	6.7	238,147	2,540,101	9.6	341,226	3,175,168	8.6	305,681	3,012,130
2032	3,652,183	6.7	244,696	2,534,942	9.6	350,610	3,168,720	8.6	314,088	3,006,013

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	
2023	\$ 2,860,988	11.0%	\$314,709	\$ 3,387,184	12.5%	\$357,624	\$ 3,657,018	13.4%	\$383,372	\$ 3,883,505
2024	2,939,665	11.0	323,363	3,419,676	12.5	367,458	3,692,099	13.4	393,915	3,920,758
2025	3,020,506	11.0	332,256	3,448,816	12.5	377,563	3,723,560	13.4	404,748	3,954,167
2026	3,103,570	11.0	341,393	3,474,214	12.5	387,946	3,750,981	13.4	415,878	3,983,286
2027	3,188,918	11.0	350,781	3,495,449	12.5	398,615	3,773,908	13.4	427,315	4,007,633
2028	3,276,613	11.0	360,427	3,512,067	12.5	409,577	3,791,850	13.4	439,066	4,026,686
2029	3,366,720	11.0	370,339	3,523,576	12.5	420,840	3,804,276	13.4	451,140	4,039,882
2030	3,459,305	11.0	380,524	3,529,447	12.5	432,413	3,810,614	13.4	463,547	4,046,613
2031	3,554,436	11.0	390,988	3,529,107	12.5	444,305	3,810,247	13.4	476,294	4,046,224
2032	3,652,183	11.0	401,740	3,521,940	12.5	456,523	3,802,509	13.4	489,393	4,038,007

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	
2023	\$ 2,860,988	15.4%	\$440,592	\$ 4,266,529	15.8%	\$452,036	\$ 4,379,785	18.3%	\$523,561	\$ 4,875,808
2024	2,939,665	15.4	452,708	4,307,456	15.8	464,467	4,421,799	18.3	537,959	4,922,580
2025	3,020,506	15.4	465,158	4,344,161	15.8	477,240	4,459,478	18.3	552,753	4,964,526
2026	3,103,570	15.4	477,950	4,376,152	15.8	490,364	4,492,319	18.3	567,953	5,001,086
2027	3,188,918	15.4	491,093	4,402,900	15.8	503,849	4,519,777	18.3	583,572	5,031,654
2028	3,276,613	15.4	504,598	4,423,832	15.8	517,705	4,541,265	18.3	599,620	5,055,575
2029	3,366,720	15.4	518,475	4,438,329	15.8	531,942	4,556,147	18.3	616,110	5,072,143
2030	3,459,305	15.4	532,733	4,445,724	15.8	546,570	4,563,738	18.3	633,053	5,080,594
2031	3,554,436	15.4	547,383	4,445,296	15.8	561,601	4,563,299	18.3	650,462	5,080,105
2032	3,652,183	15.4	562,436	4,436,268	15.8	577,045	4,554,032	18.3	668,349	5,069,788

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	12.7%	\$363,345	\$ 2,520,010	15.8%	\$452,036	\$ 3,150,065	14.8%	\$423,426	\$ 2,989,279
2024	2,939,665	12.7	373,337	2,544,184	15.8	464,467	3,180,283	14.8	435,070	3,017,954
2025	3,020,506	12.7	383,604	2,565,863	15.8	477,240	3,207,383	14.8	447,035	3,043,670
2026	3,103,570	12.7	394,153	2,584,759	15.8	490,364	3,231,003	14.8	459,328	3,066,084
2027	3,188,918	12.7	404,993	2,600,558	15.8	503,849	3,250,752	14.8	471,960	3,084,825
2028	3,276,613	12.7	416,130	2,612,921	15.8	517,705	3,266,207	14.8	484,939	3,099,491
2029	3,366,720	12.7	427,573	2,621,484	15.8	531,942	3,276,911	14.8	498,275	3,109,648
2030	3,459,305	12.7	439,332	2,625,852	15.8	546,570	3,282,371	14.8	511,977	3,114,829
2031	3,554,436	12.7	451,413	2,625,599	15.8	561,601	3,282,055	14.8	526,057	3,114,529
2032	3,652,183	12.7	463,827	2,620,267	15.8	577,045	3,275,390	14.8	540,523	3,108,204

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	
2023	\$ 2,860,988	17.2%	\$492,090	\$ 3,501,988	18.7%	\$535,005	\$ 3,780,024	19.7%	\$563,615	\$ 4,014,614
2024	2,939,665	17.2	505,622	3,535,581	18.7	549,717	3,816,284	19.7	579,114	4,053,125
2025	3,020,506	17.2	519,527	3,565,708	18.7	564,835	3,848,803	19.7	595,040	4,087,662
2026	3,103,570	17.2	533,814	3,591,967	18.7	580,368	3,877,147	19.7	611,403	4,117,765
2027	3,188,918	17.2	548,494	3,613,922	18.7	596,328	3,900,845	19.7	628,217	4,142,934
2028	3,276,613	17.2	563,577	3,631,103	18.7	612,727	3,919,390	19.7	645,493	4,162,630
2029	3,366,720	17.2	579,076	3,643,002	18.7	629,577	3,932,234	19.7	663,244	4,176,271
2030	3,459,305	17.2	595,000	3,649,072	18.7	646,890	3,938,786	19.7	681,483	4,183,229
2031	3,554,436	17.2	611,363	3,648,721	18.7	664,680	3,938,407	19.7	700,224	4,182,826
2032	3,652,183	17.2	628,175	3,641,311	18.7	682,958	3,930,409	19.7	719,480	4,174,331

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	
2023	\$ 2,860,988	21.7%	\$620,834	\$ 4,410,044	22.2%	\$635,139	\$ 4,527,345	24.8%	\$709,525	\$ 5,039,738
2024	2,939,665	21.7	637,907	4,452,348	22.2	652,606	4,570,774	24.8	729,037	5,088,082
2025	3,020,506	21.7	655,450	4,490,287	22.2	670,552	4,609,722	24.8	749,085	5,131,438
2026	3,103,570	21.7	673,475	4,523,355	22.2	688,993	4,643,669	24.8	769,685	5,169,227
2027	3,188,918	21.7	691,995	4,551,003	22.2	707,940	4,672,052	24.8	790,852	5,200,823
2028	3,276,613	21.7	711,025	4,572,639	22.2	727,408	4,694,264	24.8	812,600	5,225,549
2029	3,366,720	21.7	730,578	4,587,624	22.2	747,412	4,709,647	24.8	834,947	5,242,674
2030	3,459,305	21.7	750,669	4,595,268	22.2	767,966	4,717,494	24.8	857,908	5,251,409
2031	3,554,436	21.7	771,313	4,594,826	22.2	789,085	4,717,040	24.8	881,500	5,250,904
2032	3,652,183	21.7	792,524	4,585,495	22.2	810,785	4,707,460	24.8	905,741	5,240,240

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	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
2023	\$ 2,860,988	10.8%	\$308,987	\$ 2,520,010	13.9%	\$397,677	\$ 3,150,065	12.9%	\$369,067	\$ 2,989,279
2024	2,939,665	10.8	317,484	2,544,184	13.9	408,613	3,180,283	12.9	379,217	3,017,954
2025	3,020,506	10.8	326,215	2,565,863	13.9	419,850	3,207,383	12.9	389,645	3,043,670
2026	3,103,570	10.8	335,186	2,584,759	13.9	431,396	3,231,003	12.9	400,361	3,066,084
2027	3,188,918	10.8	344,403	2,600,558	13.9	443,260	3,250,752	12.9	411,370	3,084,825
2028	3,276,613	10.8	353,874	2,612,921	13.9	455,449	3,266,207	12.9	422,683	3,099,491
2029	3,366,720	10.8	363,606	2,621,484	13.9	467,974	3,276,911	12.9	434,307	3,109,648
2030	3,459,305	10.8	373,605	2,625,852	13.9	480,843	3,282,371	12.9	446,250	3,114,829
2031	3,554,436	10.8	383,879	2,625,599	13.9	494,067	3,282,055	12.9	458,522	3,114,529
2032	3,652,183	10.8	394,436	2,620,267	13.9	507,653	3,275,390	12.9	471,132	3,108,204

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
2023	\$ 2,860,988	15.3%	\$437,731	\$ 3,501,988	16.8%	\$480,646	\$ 3,780,024	17.8%	\$509,256	\$ 4,014,614
2024	2,939,665	15.3	449,769	3,535,581	16.8	493,864	3,816,284	17.8	523,260	4,053,125
2025	3,020,506	15.3	462,137	3,565,708	16.8	507,445	3,848,803	17.8	537,650	4,087,662
2026	3,103,570	15.3	474,846	3,591,967	16.8	521,400	3,877,147	17.8	552,435	4,117,765
2027	3,188,918	15.3	487,904	3,613,922	16.8	535,738	3,900,845	17.8	567,627	4,142,934
2028	3,276,613	15.3	501,322	3,631,103	16.8	550,471	3,919,390	17.8	583,237	4,162,630
2029	3,366,720	15.3	515,108	3,643,002	16.8	565,609	3,932,234	17.8	599,276	4,176,271
2030	3,459,305	15.3	529,274	3,649,072	16.8	581,163	3,938,786	17.8	615,756	4,183,229
2031	3,554,436	15.3	543,829	3,648,721	16.8	597,145	3,938,407	17.8	632,690	4,182,826
2032	3,652,183	15.3	558,784	3,641,311	16.8	613,567	3,930,409	17.8	650,089	4,174,331

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
2023	\$ 2,860,988	19.8%	\$566,476	\$ 4,410,044	20.3%	\$580,781	\$ 4,527,345	22.9%	\$655,166	\$ 5,039,738
2024	2,939,665	19.8	582,054	4,452,348	20.3	596,752	4,570,774	22.9	673,183	5,088,082
2025	3,020,506	19.8	598,060	4,490,287	20.3	613,163	4,609,722	22.9	691,696	5,131,438
2026	3,103,570	19.8	614,507	4,523,355	20.3	630,025	4,643,669	22.9	710,718	5,169,227
2027	3,188,918	19.8	631,406	4,551,003	20.3	647,350	4,672,052	22.9	730,262	5,200,823
2028	3,276,613	19.8	648,769	4,572,639	20.3	665,152	4,694,264	22.9	750,344	5,225,549
2029	3,366,720	19.8	666,611	4,587,624	20.3	683,444	4,709,647	22.9	770,979	5,242,674
2030	3,459,305	19.8	684,942	4,595,268	20.3	702,239	4,717,494	22.9	792,181	5,251,409
2031	3,554,436	19.8	703,778	4,594,826	20.3	721,551	4,717,040	22.9	813,966	5,250,904
2032	3,652,183	19.8	723,132	4,585,495	20.3	741,393	4,707,460	22.9	836,350	5,240,240

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	8.9%	\$254,628	\$ 2,520,010	12.0%	\$343,319	\$ 3,150,065	11.0%	\$314,709	\$ 2,989,279
2024	2,939,665	8.9	261,630	2,544,184	12.0	352,760	3,180,283	11.0	323,363	3,017,954
2025	3,020,506	8.9	268,825	2,565,863	12.0	362,461	3,207,383	11.0	332,256	3,043,670
2026	3,103,570	8.9	276,218	2,584,759	12.0	372,428	3,231,003	11.0	341,393	3,066,084
2027	3,188,918	8.9	283,814	2,600,558	12.0	382,670	3,250,752	11.0	350,781	3,084,825
2028	3,276,613	8.9	291,619	2,612,921	12.0	393,194	3,266,207	11.0	360,427	3,099,491
2029	3,366,720	8.9	299,638	2,621,484	12.0	404,006	3,276,911	11.0	370,339	3,109,648
2030	3,459,305	8.9	307,878	2,625,852	12.0	415,117	3,282,371	11.0	380,524	3,114,829
2031	3,554,436	8.9	316,345	2,625,599	12.0	426,532	3,282,055	11.0	390,988	3,114,529
2032	3,652,183	8.9	325,044	2,620,267	12.0	438,262	3,275,390	11.0	401,740	3,108,204

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	
2023	\$ 2,860,988	13.4%	\$383,372	\$ 3,501,988	14.9%	\$426,287	\$ 3,780,024	15.9%	\$454,897	\$ 4,014,614
2024	2,939,665	13.4	393,915	3,535,581	14.9	438,010	3,816,284	15.9	467,407	4,053,125
2025	3,020,506	13.4	404,748	3,565,708	14.9	450,055	3,848,803	15.9	480,260	4,087,662
2026	3,103,570	13.4	415,878	3,591,967	14.9	462,432	3,877,147	15.9	493,468	4,117,765
2027	3,188,918	13.4	427,315	3,613,922	14.9	475,149	3,900,845	15.9	507,038	4,142,934
2028	3,276,613	13.4	439,066	3,631,103	14.9	488,215	3,919,390	15.9	520,981	4,162,630
2029	3,366,720	13.4	451,140	3,643,002	14.9	501,641	3,932,234	15.9	535,308	4,176,271
2030	3,459,305	13.4	463,547	3,649,072	14.9	515,436	3,938,786	15.9	550,029	4,183,229
2031	3,554,436	13.4	476,294	3,648,721	14.9	529,611	3,938,407	15.9	565,155	4,182,826
2032	3,652,183	13.4	489,393	3,641,311	14.9	544,175	3,930,409	15.9	580,697	4,174,331

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	
2023	\$ 2,860,988	17.9%	\$512,117	\$ 4,410,044	18.4%	\$526,422	\$ 4,527,345	21.0%	\$600,807	\$ 5,039,738
2024	2,939,665	17.9	526,200	4,452,348	18.4	540,898	4,570,774	21.0	617,330	5,088,082
2025	3,020,506	17.9	540,671	4,490,287	18.4	555,773	4,609,722	21.0	634,306	5,131,438
2026	3,103,570	17.9	555,539	4,523,355	18.4	571,057	4,643,669	21.0	651,750	5,169,227
2027	3,188,918	17.9	570,816	4,551,003	18.4	586,761	4,672,052	21.0	669,673	5,200,823
2028	3,276,613	17.9	586,514	4,572,639	18.4	602,897	4,694,264	21.0	688,089	5,225,549
2029	3,366,720	17.9	602,643	4,587,624	18.4	619,476	4,709,647	21.0	707,011	5,242,674
2030	3,459,305	17.9	619,216	4,595,268	18.4	636,512	4,717,494	21.0	726,454	5,251,409
2031	3,554,436	17.9	636,244	4,594,826	18.4	654,016	4,717,040	21.0	746,432	5,250,904
2032	3,652,183	17.9	653,741	4,585,495	18.4	672,002	4,707,460	21.0	766,958	5,240,240

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.



Newton County - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,860,988	7.0%	\$200,269	\$ 2,520,010	10.1%	\$288,960	\$ 3,150,065	9.1%	\$260,350	\$ 2,989,279
2024	2,939,665	7.0	205,777	2,544,184	10.1	296,906	3,180,283	9.1	267,510	3,017,954
2025	3,020,506	7.0	211,435	2,565,863	10.1	305,071	3,207,383	9.1	274,866	3,043,670
2026	3,103,570	7.0	217,250	2,584,759	10.1	313,461	3,231,003	9.1	282,425	3,066,084
2027	3,188,918	7.0	223,224	2,600,558	10.1	322,081	3,250,752	9.1	290,192	3,084,825
2028	3,276,613	7.0	229,363	2,612,921	10.1	330,938	3,266,207	9.1	298,172	3,099,491
2029	3,366,720	7.0	235,670	2,621,484	10.1	340,039	3,276,911	9.1	306,372	3,109,648
2030	3,459,305	7.0	242,151	2,625,852	10.1	349,390	3,282,371	9.1	314,797	3,114,829
2031	3,554,436	7.0	248,811	2,625,599	10.1	358,998	3,282,055	9.1	323,454	3,114,529
2032	3,652,183	7.0	255,653	2,620,267	10.1	368,870	3,275,390	9.1	332,349	3,108,204

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	
2023	\$ 2,860,988	11.5%	\$329,014	\$ 3,501,988	13.0%	\$371,928	\$ 3,780,024	14.0%	\$400,538	\$ 4,014,614
2024	2,939,665	11.5	338,061	3,535,581	13.0	382,156	3,816,284	14.0	411,553	4,053,125
2025	3,020,506	11.5	347,358	3,565,708	13.0	392,666	3,848,803	14.0	422,871	4,087,662
2026	3,103,570	11.5	356,911	3,591,967	13.0	403,464	3,877,147	14.0	434,500	4,117,765
2027	3,188,918	11.5	366,726	3,613,922	13.0	414,559	3,900,845	14.0	446,449	4,142,934
2028	3,276,613	11.5	376,810	3,631,103	13.0	425,960	3,919,390	14.0	458,726	4,162,630
2029	3,366,720	11.5	387,173	3,643,002	13.0	437,674	3,932,234	14.0	471,341	4,176,271
2030	3,459,305	11.5	397,820	3,649,072	13.0	449,710	3,938,786	14.0	484,303	4,183,229
2031	3,554,436	11.5	408,760	3,648,721	13.0	462,077	3,938,407	14.0	497,621	4,182,826
2032	3,652,183	11.5	420,001	3,641,311	13.0	474,784	3,930,409	14.0	511,306	4,174,331

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	
2023	\$ 2,860,988	16.0%	\$457,758	\$ 4,410,044	16.5%	\$472,063	\$ 4,527,345	19.1%	\$546,449	\$ 5,039,738
2024	2,939,665	16.0	470,346	4,452,348	16.5	485,045	4,570,774	19.1	561,476	5,088,082
2025	3,020,506	16.0	483,281	4,490,287	16.5	498,383	4,609,722	19.1	576,917	5,131,438
2026	3,103,570	16.0	496,571	4,523,355	16.5	512,089	4,643,669	19.1	592,782	5,169,227
2027	3,188,918	16.0	510,227	4,551,003	16.5	526,171	4,672,052	19.1	609,083	5,200,823
2028	3,276,613	16.0	524,258	4,572,639	16.5	540,641	4,694,264	19.1	625,833	5,225,549
2029	3,366,720	16.0	538,675	4,587,624	16.5	555,509	4,709,647	19.1	643,044	5,242,674
2030	3,459,305	16.0	553,489	4,595,268	16.5	570,785	4,717,494	19.1	660,727	5,251,409
2031	3,554,436	16.0	568,710	4,594,826	16.5	586,482	4,717,040	19.1	678,897	5,250,904
2032	3,652,183	16.0	584,349	4,585,495	16.5	602,610	4,707,460	19.1	697,567	5,240,240

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	13.2%	\$326,797	\$ 2,320,832	16.2%	\$401,069	\$ 2,901,094	15.7%	\$388,690	\$ 2,813,388
2024	2,543,815	13.2	335,784	2,343,095	16.2	412,098	2,928,923	15.7	399,379	2,840,376
2025	2,613,770	13.2	345,018	2,363,061	16.2	423,431	2,953,881	15.7	410,362	2,864,579
2026	2,685,649	13.2	354,506	2,380,463	16.2	435,075	2,975,634	15.7	421,647	2,885,674
2027	2,759,504	13.2	364,255	2,395,013	16.2	447,040	2,993,822	15.7	433,242	2,903,312
2028	2,835,390	13.2	374,271	2,406,399	16.2	459,333	3,008,055	15.7	445,156	2,917,115
2029	2,913,363	13.2	384,564	2,414,285	16.2	471,965	3,017,913	15.7	457,398	2,926,675
2030	2,993,480	13.2	395,139	2,418,308	16.2	484,944	3,022,941	15.7	469,976	2,931,551
2031	3,075,801	13.2	406,006	2,418,075	16.2	498,280	3,022,650	15.7	482,901	2,931,269
2032	3,160,386	13.2	417,171	2,413,164	16.2	511,983	3,016,512	15.7	496,181	2,925,316

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	
2023	\$ 2,475,732	18.2%	\$450,583	\$ 3,270,477	19.3%	\$477,816	\$ 3,481,137	20.6%	\$510,001	\$ 3,727,451
2024	2,543,815	18.2	462,974	3,301,850	19.3	490,956	3,514,530	20.6	524,026	3,763,207
2025	2,613,770	18.2	475,706	3,329,986	19.3	504,458	3,544,478	20.6	538,437	3,795,274
2026	2,685,649	18.2	488,788	3,354,509	19.3	518,330	3,570,580	20.6	553,244	3,823,223
2027	2,759,504	18.2	502,230	3,375,013	19.3	532,584	3,592,404	20.6	568,458	3,846,591
2028	2,835,390	18.2	516,041	3,391,058	19.3	547,230	3,609,483	20.6	584,090	3,864,878
2029	2,913,363	18.2	530,232	3,402,171	19.3	562,279	3,621,312	20.6	600,153	3,877,544
2030	2,993,480	18.2	544,813	3,407,839	19.3	577,742	3,627,346	20.6	616,657	3,884,005
2031	3,075,801	18.2	559,796	3,407,511	19.3	593,630	3,626,997	20.6	633,615	3,883,631
2032	3,160,386	18.2	575,190	3,400,591	19.3	609,954	3,619,631	20.6	651,040	3,875,744

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	
2023	\$ 2,475,732	22.4%	\$554,564	\$ 4,061,523	23.0%	\$569,418	\$ 4,184,662	25.4%	\$628,836	\$ 4,641,696
2024	2,543,815	22.4	569,815	4,100,484	23.0	585,077	4,224,804	25.4	646,129	4,686,222
2025	2,613,770	22.4	585,484	4,135,425	23.0	601,167	4,260,804	25.4	663,898	4,726,154
2026	2,685,649	22.4	601,585	4,165,879	23.0	617,699	4,292,182	25.4	682,155	4,760,959
2027	2,759,504	22.4	618,129	4,191,342	23.0	634,686	4,318,417	25.4	700,914	4,790,059
2028	2,835,390	22.4	635,127	4,211,268	23.0	652,140	4,338,947	25.4	720,189	4,812,832
2029	2,913,363	22.4	652,593	4,225,069	23.0	670,073	4,353,166	25.4	739,994	4,828,604
2030	2,993,480	22.4	670,540	4,232,109	23.0	688,500	4,360,419	25.4	760,344	4,836,649
2031	3,075,801	22.4	688,979	4,231,702	23.0	707,434	4,359,999	25.4	781,253	4,836,184
2032	3,160,386	22.4	707,926	4,223,108	23.0	726,889	4,351,145	25.4	802,738	4,826,363

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	11.3%	\$279,758	\$ 2,320,832	14.3%	\$354,030	\$ 2,901,094	13.8%	\$341,651	\$ 2,813,388
2024	2,543,815	11.3	287,451	2,343,095	14.3	363,766	2,928,923	13.8	351,046	2,840,376
2025	2,613,770	11.3	295,356	2,363,061	14.3	373,769	2,953,881	13.8	360,700	2,864,579
2026	2,685,649	11.3	303,478	2,380,463	14.3	384,048	2,975,634	13.8	370,620	2,885,674
2027	2,759,504	11.3	311,824	2,395,013	14.3	394,609	2,993,822	13.8	380,812	2,903,312
2028	2,835,390	11.3	320,399	2,406,399	14.3	405,461	3,008,055	13.8	391,284	2,917,115
2029	2,913,363	11.3	329,210	2,414,285	14.3	416,611	3,017,913	13.8	402,044	2,926,675
2030	2,993,480	11.3	338,263	2,418,308	14.3	428,068	3,022,941	13.8	413,100	2,931,551
2031	3,075,801	11.3	347,566	2,418,075	14.3	439,840	3,022,650	13.8	424,461	2,931,269
2032	3,160,386	11.3	357,124	2,413,164	14.3	451,935	3,016,512	13.8	436,133	2,925,316

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	
2023	\$ 2,475,732	16.3%	\$403,544	\$ 3,270,477	17.4%	\$430,777	\$ 3,481,137	18.7%	\$462,962	\$ 3,727,451
2024	2,543,815	16.3	414,642	3,301,850	17.4	442,624	3,514,530	18.7	475,693	3,763,207
2025	2,613,770	16.3	426,045	3,329,986	17.4	454,796	3,544,478	18.7	488,775	3,795,274
2026	2,685,649	16.3	437,761	3,354,509	17.4	467,303	3,570,580	18.7	502,216	3,823,223
2027	2,759,504	16.3	449,799	3,375,013	17.4	480,154	3,592,404	18.7	516,027	3,846,591
2028	2,835,390	16.3	462,169	3,391,058	17.4	493,358	3,609,483	18.7	530,218	3,864,878
2029	2,913,363	16.3	474,878	3,402,171	17.4	506,925	3,621,312	18.7	544,799	3,877,544
2030	2,993,480	16.3	487,937	3,407,839	17.4	520,866	3,627,346	18.7	559,781	3,884,005
2031	3,075,801	16.3	501,356	3,407,511	17.4	535,189	3,626,997	18.7	575,175	3,883,631
2032	3,160,386	16.3	515,143	3,400,591	17.4	549,907	3,619,631	18.7	590,992	3,875,744

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	
2023	\$ 2,475,732	20.5%	\$507,525	\$ 4,061,523	21.1%	\$522,379	\$ 4,184,662	23.5%	\$581,797	\$ 4,641,696
2024	2,543,815	20.5	521,482	4,100,484	21.1	536,745	4,224,804	23.5	597,797	4,686,222
2025	2,613,770	20.5	535,823	4,135,425	21.1	551,505	4,260,804	23.5	614,236	4,726,154
2026	2,685,649	20.5	550,558	4,165,879	21.1	566,672	4,292,182	23.5	631,128	4,760,959
2027	2,759,504	20.5	565,698	4,191,342	21.1	582,255	4,318,417	23.5	648,483	4,790,059
2028	2,835,390	20.5	581,255	4,211,268	21.1	598,267	4,338,947	23.5	666,317	4,812,832
2029	2,913,363	20.5	597,239	4,225,069	21.1	614,720	4,353,166	23.5	684,640	4,828,604
2030	2,993,480	20.5	613,663	4,232,109	21.1	631,624	4,360,419	23.5	703,468	4,836,649
2031	3,075,801	20.5	630,539	4,231,702	21.1	648,994	4,359,999	23.5	722,813	4,836,184
2032	3,160,386	20.5	647,879	4,223,108	21.1	666,841	4,351,145	23.5	742,691	4,826,363

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	9.4%	\$232,719	\$ 2,320,832	12.4%	\$306,991	\$ 2,901,094	11.9%	\$294,612	\$ 2,813,388
2024	2,543,815	9.4	239,119	2,343,095	12.4	315,433	2,928,923	11.9	302,714	2,840,376
2025	2,613,770	9.4	245,694	2,363,061	12.4	324,107	2,953,881	11.9	311,039	2,864,579
2026	2,685,649	9.4	252,451	2,380,463	12.4	333,020	2,975,634	11.9	319,592	2,885,674
2027	2,759,504	9.4	259,393	2,395,013	12.4	342,178	2,993,822	11.9	328,381	2,903,312
2028	2,835,390	9.4	266,527	2,406,399	12.4	351,588	3,008,055	11.9	337,411	2,917,115
2029	2,913,363	9.4	273,856	2,414,285	12.4	361,257	3,017,913	11.9	346,690	2,926,675
2030	2,993,480	9.4	281,387	2,418,308	12.4	371,192	3,022,941	11.9	356,224	2,931,551
2031	3,075,801	9.4	289,125	2,418,075	12.4	381,399	3,022,650	11.9	366,020	2,931,269
2032	3,160,386	9.4	297,076	2,413,164	12.4	391,888	3,016,512	11.9	376,086	2,925,316

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	
2023	\$ 2,475,732	14.4%	\$356,505	\$ 3,270,477	15.5%	\$383,738	\$ 3,481,137	16.8%	\$415,923	\$ 3,727,451
2024	2,543,815	14.4	366,309	3,301,850	15.5	394,291	3,514,530	16.8	427,361	3,763,207
2025	2,613,770	14.4	376,383	3,329,986	15.5	405,134	3,544,478	16.8	439,113	3,795,274
2026	2,685,649	14.4	386,733	3,354,509	15.5	416,276	3,570,580	16.8	451,189	3,823,223
2027	2,759,504	14.4	397,369	3,375,013	15.5	427,723	3,592,404	16.8	463,597	3,846,591
2028	2,835,390	14.4	408,296	3,391,058	15.5	439,485	3,609,483	16.8	476,346	3,864,878
2029	2,913,363	14.4	419,524	3,402,171	15.5	451,571	3,621,312	16.8	489,445	3,877,544
2030	2,993,480	14.4	431,061	3,407,839	15.5	463,989	3,627,346	16.8	502,905	3,884,005
2031	3,075,801	14.4	442,915	3,407,511	15.5	476,749	3,626,997	16.8	516,735	3,883,631
2032	3,160,386	14.4	455,096	3,400,591	15.5	489,860	3,619,631	16.8	530,945	3,875,744

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	
2023	\$ 2,475,732	18.6%	\$460,486	\$ 4,061,523	19.2%	\$475,341	\$ 4,184,662	21.6%	\$534,758	\$ 4,641,696
2024	2,543,815	18.6	473,150	4,100,484	19.2	488,412	4,224,804	21.6	549,464	4,686,222
2025	2,613,770	18.6	486,161	4,135,425	19.2	501,844	4,260,804	21.6	564,574	4,726,154
2026	2,685,649	18.6	499,531	4,165,879	19.2	515,645	4,292,182	21.6	580,100	4,760,959
2027	2,759,504	18.6	513,268	4,191,342	19.2	529,825	4,318,417	21.6	596,053	4,790,059
2028	2,835,390	18.6	527,383	4,211,268	19.2	544,395	4,338,947	21.6	612,444	4,812,832
2029	2,913,363	18.6	541,886	4,225,069	19.2	559,366	4,353,166	21.6	629,286	4,828,604
2030	2,993,480	18.6	556,787	4,232,109	19.2	574,748	4,360,419	21.6	646,592	4,836,649
2031	3,075,801	18.6	572,099	4,231,702	19.2	590,554	4,359,999	21.6	664,373	4,836,184
2032	3,160,386	18.6	587,832	4,223,108	19.2	606,794	4,351,145	21.6	682,643	4,826,363

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	7.5%	\$185,680	\$ 2,320,832	10.5%	\$259,952	\$ 2,901,094	10.0%	\$247,573	\$ 2,813,388
2024	2,543,815	7.5	190,786	2,343,095	10.5	267,101	2,928,923	10.0	254,382	2,840,376
2025	2,613,770	7.5	196,033	2,363,061	10.5	274,446	2,953,881	10.0	261,377	2,864,579
2026	2,685,649	7.5	201,424	2,380,463	10.5	281,993	2,975,634	10.0	268,565	2,885,674
2027	2,759,504	7.5	206,963	2,395,013	10.5	289,748	2,993,822	10.0	275,950	2,903,312
2028	2,835,390	7.5	212,654	2,406,399	10.5	297,716	3,008,055	10.0	283,539	2,917,115
2029	2,913,363	7.5	218,502	2,414,285	10.5	305,903	3,017,913	10.0	291,336	2,926,675
2030	2,993,480	7.5	224,511	2,418,308	10.5	314,315	3,022,941	10.0	299,348	2,931,551
2031	3,075,801	7.5	230,685	2,418,075	10.5	322,959	3,022,650	10.0	307,580	2,931,269
2032	3,160,386	7.5	237,029	2,413,164	10.5	331,841	3,016,512	10.0	316,039	2,925,316

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	
2023	\$ 2,475,732	12.5%	\$309,467	\$ 3,270,477	13.6%	\$336,700	\$ 3,481,137	14.9%	\$368,884	\$ 3,727,451
2024	2,543,815	12.5	317,977	3,301,850	13.6	345,959	3,514,530	14.9	379,028	3,763,207
2025	2,613,770	12.5	326,721	3,329,986	13.6	355,473	3,544,478	14.9	389,452	3,795,274
2026	2,685,649	12.5	335,706	3,354,509	13.6	365,248	3,570,580	14.9	400,162	3,823,223
2027	2,759,504	12.5	344,938	3,375,013	13.6	375,293	3,592,404	14.9	411,166	3,846,591
2028	2,835,390	12.5	354,424	3,391,058	13.6	385,613	3,609,483	14.9	422,473	3,864,878
2029	2,913,363	12.5	364,170	3,402,171	13.6	396,217	3,621,312	14.9	434,091	3,877,544
2030	2,993,480	12.5	374,185	3,407,839	13.6	407,113	3,627,346	14.9	446,029	3,884,005
2031	3,075,801	12.5	384,475	3,407,511	13.6	418,309	3,626,997	14.9	458,294	3,883,631
2032	3,160,386	12.5	395,048	3,400,591	13.6	429,812	3,619,631	14.9	470,898	3,875,744

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	
2023	\$ 2,475,732	16.7%	\$413,447	\$ 4,061,523	17.3%	\$428,302	\$ 4,184,662	19.7%	\$487,719	\$ 4,641,696
2024	2,543,815	16.7	424,817	4,100,484	17.3	440,080	4,224,804	19.7	501,132	4,686,222
2025	2,613,770	16.7	436,500	4,135,425	17.3	452,182	4,260,804	19.7	514,913	4,726,154
2026	2,685,649	16.7	448,503	4,165,879	17.3	464,617	4,292,182	19.7	529,073	4,760,959
2027	2,759,504	16.7	460,837	4,191,342	17.3	477,394	4,318,417	19.7	543,622	4,790,059
2028	2,835,390	16.7	473,510	4,211,268	17.3	490,522	4,338,947	19.7	558,572	4,812,832
2029	2,913,363	16.7	486,532	4,225,069	17.3	504,012	4,353,166	19.7	573,933	4,828,604
2030	2,993,480	16.7	499,911	4,232,109	17.3	517,872	4,360,419	19.7	589,716	4,836,649
2031	3,075,801	16.7	513,659	4,231,702	17.3	532,114	4,359,999	19.7	605,933	4,836,184
2032	3,160,386	16.7	527,784	4,223,108	17.3	546,747	4,351,145	19.7	622,596	4,826,363

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	13.6%	\$336,700	\$ 2,400,667	16.8%	\$415,923	\$ 3,000,781	16.3%	\$403,544	\$ 2,910,772
2024	2,543,815	13.6	345,959	2,423,696	16.8	427,361	3,029,566	16.3	414,642	2,938,694
2025	2,613,770	13.6	355,473	2,444,349	16.8	439,113	3,055,381	16.3	426,045	2,963,735
2026	2,685,649	13.6	365,248	2,462,350	16.8	451,189	3,077,882	16.3	437,761	2,985,561
2027	2,759,504	13.6	375,293	2,477,400	16.8	463,597	3,096,695	16.3	449,799	3,003,809
2028	2,835,390	13.6	385,613	2,489,178	16.8	476,346	3,111,417	16.3	462,169	3,018,090
2029	2,913,363	13.6	396,217	2,497,335	16.8	489,445	3,121,613	16.3	474,878	3,027,981
2030	2,993,480	13.6	407,113	2,501,496	16.8	502,905	3,126,814	16.3	487,937	3,033,026
2031	3,075,801	13.6	418,309	2,501,255	16.8	516,735	3,126,513	16.3	501,356	3,032,734
2032	3,160,386	13.6	429,812	2,496,175	16.8	530,945	3,120,164	16.3	515,143	3,026,575

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	
2023	\$ 2,475,732	18.8%	\$465,438	\$ 3,383,385	19.9%	\$492,671	\$ 3,601,002	21.3%	\$527,331	\$ 3,856,084
2024	2,543,815	18.8	478,237	3,415,841	19.9	506,219	3,635,545	21.3	541,833	3,893,074
2025	2,613,770	18.8	491,389	3,444,948	19.9	520,140	3,666,524	21.3	556,733	3,926,248
2026	2,685,649	18.8	504,902	3,470,317	19.9	534,444	3,693,525	21.3	572,043	3,955,162
2027	2,759,504	18.8	518,787	3,491,528	19.9	549,141	3,716,101	21.3	587,774	3,979,337
2028	2,835,390	18.8	533,053	3,508,127	19.9	564,243	3,733,768	21.3	603,938	3,998,255
2029	2,913,363	18.8	547,712	3,519,623	19.9	579,759	3,746,004	21.3	620,546	4,011,358
2030	2,993,480	18.8	562,774	3,525,487	19.9	595,703	3,752,245	21.3	637,611	4,018,041
2031	3,075,801	18.8	578,251	3,525,148	19.9	612,084	3,751,884	21.3	655,146	4,017,654
2032	3,160,386	18.8	594,153	3,517,989	19.9	628,917	3,744,265	21.3	673,162	4,009,495

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	
2023	\$ 2,475,732	23.1%	\$571,894	\$ 4,201,112	23.8%	\$589,224	\$ 4,328,659	26.2%	\$648,642	\$ 4,801,260
2024	2,543,815	23.1	587,621	4,241,412	23.8	605,428	4,370,182	26.2	666,480	4,847,317
2025	2,613,770	23.1	603,781	4,277,554	23.8	622,077	4,407,421	26.2	684,808	4,888,622
2026	2,685,649	23.1	620,385	4,309,055	23.8	639,184	4,439,878	26.2	703,640	4,924,623
2027	2,759,504	23.1	637,445	4,335,393	23.8	656,762	4,467,016	26.2	722,990	4,954,723
2028	2,835,390	23.1	654,975	4,356,004	23.8	674,823	4,488,253	26.2	742,872	4,978,279
2029	2,913,363	23.1	672,987	4,370,279	23.8	693,380	4,502,961	26.2	763,301	4,994,593
2030	2,993,480	23.1	691,494	4,377,560	23.8	712,448	4,510,464	26.2	784,292	5,002,915
2031	3,075,801	23.1	710,510	4,377,139	23.8	732,041	4,510,030	26.2	805,860	5,002,434
2032	3,160,386	23.1	730,049	4,368,250	23.8	752,172	4,500,871	26.2	828,021	4,992,275

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	11.7%	\$289,661	\$ 2,400,667	14.9%	\$368,884	\$ 3,000,781	14.4%	\$356,505	\$ 2,910,772
2024	2,543,815	11.7	297,626	2,423,696	14.9	379,028	3,029,566	14.4	366,309	2,938,694
2025	2,613,770	11.7	305,811	2,444,349	14.9	389,452	3,055,381	14.4	376,383	2,963,735
2026	2,685,649	11.7	314,221	2,462,350	14.9	400,162	3,077,882	14.4	386,733	2,985,561
2027	2,759,504	11.7	322,862	2,477,400	14.9	411,166	3,096,695	14.4	397,369	3,003,809
2028	2,835,390	11.7	331,741	2,489,178	14.9	422,473	3,111,417	14.4	408,296	3,018,090
2029	2,913,363	11.7	340,863	2,497,335	14.9	434,091	3,121,613	14.4	419,524	3,027,981
2030	2,993,480	11.7	350,237	2,501,496	14.9	446,029	3,126,814	14.4	431,061	3,033,026
2031	3,075,801	11.7	359,869	2,501,255	14.9	458,294	3,126,513	14.4	442,915	3,032,734
2032	3,160,386	11.7	369,765	2,496,175	14.9	470,898	3,120,164	14.4	455,096	3,026,575

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	
2023	\$ 2,475,732	16.9%	\$418,399	\$ 3,383,385	18.0%	\$445,632	\$ 3,601,002	19.4%	\$480,292	\$ 3,856,084
2024	2,543,815	16.9	429,905	3,415,841	18.0	457,887	3,635,545	19.4	493,500	3,893,074
2025	2,613,770	16.9	441,727	3,444,948	18.0	470,479	3,666,524	19.4	507,071	3,926,248
2026	2,685,649	16.9	453,875	3,470,317	18.0	483,417	3,693,525	19.4	521,016	3,955,162
2027	2,759,504	16.9	466,356	3,491,528	18.0	496,711	3,716,101	19.4	535,344	3,979,337
2028	2,835,390	16.9	479,181	3,508,127	18.0	510,370	3,733,768	19.4	550,066	3,998,255
2029	2,913,363	16.9	492,358	3,519,623	18.0	524,405	3,746,004	19.4	565,192	4,011,358
2030	2,993,480	16.9	505,898	3,525,487	18.0	538,826	3,752,245	19.4	580,735	4,018,041
2031	3,075,801	16.9	519,810	3,525,148	18.0	553,644	3,751,884	19.4	596,705	4,017,654
2032	3,160,386	16.9	534,105	3,517,989	18.0	568,869	3,744,265	19.4	613,115	4,009,495

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	
2023	\$ 2,475,732	21.2%	\$524,855	\$ 4,201,112	21.9%	\$542,185	\$ 4,328,659	24.3%	\$601,603	\$ 4,801,260
2024	2,543,815	21.2	539,289	4,241,412	21.9	557,095	4,370,182	24.3	618,147	4,847,317
2025	2,613,770	21.2	554,119	4,277,554	21.9	572,416	4,407,421	24.3	635,146	4,888,622
2026	2,685,649	21.2	569,358	4,309,055	21.9	588,157	4,439,878	24.3	652,613	4,924,623
2027	2,759,504	21.2	585,015	4,335,393	21.9	604,331	4,467,016	24.3	670,559	4,954,723
2028	2,835,390	21.2	601,103	4,356,004	21.9	620,950	4,488,253	24.3	689,000	4,978,279
2029	2,913,363	21.2	617,633	4,370,279	21.9	638,026	4,502,961	24.3	707,947	4,994,593
2030	2,993,480	21.2	634,618	4,377,560	21.9	655,572	4,510,464	24.3	727,416	5,002,915
2031	3,075,801	21.2	652,070	4,377,139	21.9	673,600	4,510,030	24.3	747,420	5,002,434
2032	3,160,386	21.2	670,002	4,368,250	21.9	692,125	4,500,871	24.3	767,974	4,992,275

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	9.8%	\$242,622	\$ 2,400,667	13.0%	\$321,845	\$ 3,000,781	12.5%	\$309,467	\$ 2,910,772
2024	2,543,815	9.8	249,294	2,423,696	13.0	330,696	3,029,566	12.5	317,977	2,938,694
2025	2,613,770	9.8	256,149	2,444,349	13.0	339,790	3,055,381	12.5	326,721	2,963,735
2026	2,685,649	9.8	263,194	2,462,350	13.0	349,134	3,077,882	12.5	335,706	2,985,561
2027	2,759,504	9.8	270,431	2,477,400	13.0	358,736	3,096,695	12.5	344,938	3,003,809
2028	2,835,390	9.8	277,868	2,489,178	13.0	368,601	3,111,417	12.5	354,424	3,018,090
2029	2,913,363	9.8	285,510	2,497,335	13.0	378,737	3,121,613	12.5	364,170	3,027,981
2030	2,993,480	9.8	293,361	2,501,496	13.0	389,152	3,126,814	12.5	374,185	3,033,026
2031	3,075,801	9.8	301,428	2,501,255	13.0	399,854	3,126,513	12.5	384,475	3,032,734
2032	3,160,386	9.8	309,718	2,496,175	13.0	410,850	3,120,164	12.5	395,048	3,026,575

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	
2023	\$ 2,475,732	15.0%	\$371,360	\$ 3,383,385	16.1%	\$398,593	\$ 3,601,002	17.5%	\$433,253	\$ 3,856,084
2024	2,543,815	15.0	381,572	3,415,841	16.1	409,554	3,635,545	17.5	445,168	3,893,074
2025	2,613,770	15.0	392,066	3,444,948	16.1	420,817	3,666,524	17.5	457,410	3,926,248
2026	2,685,649	15.0	402,847	3,470,317	16.1	432,389	3,693,525	17.5	469,989	3,955,162
2027	2,759,504	15.0	413,926	3,491,528	16.1	444,280	3,716,101	17.5	482,913	3,979,337
2028	2,835,390	15.0	425,309	3,508,127	16.1	456,498	3,733,768	17.5	496,193	3,998,255
2029	2,913,363	15.0	437,004	3,519,623	16.1	469,051	3,746,004	17.5	509,839	4,011,358
2030	2,993,480	15.0	449,022	3,525,487	16.1	481,950	3,752,245	17.5	523,859	4,018,041
2031	3,075,801	15.0	461,370	3,525,148	16.1	495,204	3,751,884	17.5	538,265	4,017,654
2032	3,160,386	15.0	474,058	3,517,989	16.1	508,822	3,744,265	17.5	553,068	4,009,495

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	
2023	\$ 2,475,732	19.3%	\$477,816	\$ 4,201,112	20.0%	\$495,146	\$ 4,328,659	22.4%	\$554,564	\$ 4,801,260
2024	2,543,815	19.3	490,956	4,241,412	20.0	508,763	4,370,182	22.4	569,815	4,847,317
2025	2,613,770	19.3	504,458	4,277,554	20.0	522,754	4,407,421	22.4	585,484	4,888,622
2026	2,685,649	19.3	518,330	4,309,055	20.0	537,130	4,439,878	22.4	601,585	4,924,623
2027	2,759,504	19.3	532,584	4,335,393	20.0	551,901	4,467,016	22.4	618,129	4,954,723
2028	2,835,390	19.3	547,230	4,356,004	20.0	567,078	4,488,253	22.4	635,127	4,978,279
2029	2,913,363	19.3	562,279	4,370,279	20.0	582,673	4,502,961	22.4	652,593	4,994,593
2030	2,993,480	19.3	577,742	4,377,560	20.0	598,696	4,510,464	22.4	670,540	5,002,915
2031	3,075,801	19.3	593,630	4,377,139	20.0	615,160	4,510,030	22.4	688,979	5,002,434
2032	3,160,386	19.3	609,954	4,368,250	20.0	632,077	4,500,871	22.4	707,926	4,992,275

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.



Newton County - Police

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	7.9%	\$195,583	\$ 2,400,667	11.1%	\$274,806	\$ 3,000,781	10.6%	\$262,428	\$ 2,910,772
2024	2,543,815	7.9	200,961	2,423,696	11.1	282,363	3,029,566	10.6	269,644	2,938,694
2025	2,613,770	7.9	206,488	2,444,349	11.1	290,128	3,055,381	10.6	277,060	2,963,735
2026	2,685,649	7.9	212,166	2,462,350	11.1	298,107	3,077,882	10.6	284,679	2,985,561
2027	2,759,504	7.9	218,001	2,477,400	11.1	306,305	3,096,695	10.6	292,507	3,003,809
2028	2,835,390	7.9	223,996	2,489,178	11.1	314,728	3,111,417	10.6	300,551	3,018,090
2029	2,913,363	7.9	230,156	2,497,335	11.1	323,383	3,121,613	10.6	308,816	3,027,981
2030	2,993,480	7.9	236,485	2,501,496	11.1	332,276	3,126,814	10.6	317,309	3,033,026
2031	3,075,801	7.9	242,988	2,501,255	11.1	341,414	3,126,513	10.6	326,035	3,032,734
2032	3,160,386	7.9	249,670	2,496,175	11.1	350,803	3,120,164	10.6	335,001	3,026,575

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	
2023	\$ 2,475,732	13.1%	\$324,321	\$ 3,383,385	14.2%	\$351,554	\$ 3,601,002	15.6%	\$386,214	\$ 3,856,084
2024	2,543,815	13.1	333,240	3,415,841	14.2	361,222	3,635,545	15.6	396,835	3,893,074
2025	2,613,770	13.1	342,404	3,444,948	14.2	371,155	3,666,524	15.6	407,748	3,926,248
2026	2,685,649	13.1	351,820	3,470,317	14.2	381,362	3,693,525	15.6	418,961	3,955,162
2027	2,759,504	13.1	361,495	3,491,528	14.2	391,850	3,716,101	15.6	430,483	3,979,337
2028	2,835,390	13.1	371,436	3,508,127	14.2	402,625	3,733,768	15.6	442,321	3,998,255
2029	2,913,363	13.1	381,651	3,519,623	14.2	413,698	3,746,004	15.6	454,485	4,011,358
2030	2,993,480	13.1	392,146	3,525,487	14.2	425,074	3,752,245	15.6	466,983	4,018,041
2031	3,075,801	13.1	402,930	3,525,148	14.2	436,764	3,751,884	15.6	479,825	4,017,654
2032	3,160,386	13.1	414,011	3,517,989	14.2	448,775	3,744,265	15.6	493,020	4,009,495

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	
2023	\$ 2,475,732	17.4%	\$430,777	\$ 4,201,112	18.1%	\$448,107	\$ 4,328,659	20.5%	\$507,525	\$ 4,801,260
2024	2,543,815	17.4	442,624	4,241,412	18.1	460,431	4,370,182	20.5	521,482	4,847,317
2025	2,613,770	17.4	454,796	4,277,554	18.1	473,092	4,407,421	20.5	535,823	4,888,622
2026	2,685,649	17.4	467,303	4,309,055	18.1	486,102	4,439,878	20.5	550,558	4,924,623
2027	2,759,504	17.4	480,154	4,335,393	18.1	499,470	4,467,016	20.5	565,698	4,954,723
2028	2,835,390	17.4	493,358	4,356,004	18.1	513,206	4,488,253	20.5	581,255	4,978,279
2029	2,913,363	17.4	506,925	4,370,279	18.1	527,319	4,502,961	20.5	597,239	4,994,593
2030	2,993,480	17.4	520,866	4,377,560	18.1	541,820	4,510,464	20.5	613,663	5,002,915
2031	3,075,801	17.4	535,189	4,377,139	18.1	556,720	4,510,030	20.5	630,539	5,002,434
2032	3,160,386	17.4	549,907	4,368,250	18.1	572,030	4,500,871	20.5	647,879	4,992,275

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	13.4%	\$331,748	\$ 2,377,259	16.6%	\$410,972	\$ 2,971,609	16.5%	\$408,496	\$ 2,959,078
2024	2,543,815	13.4	340,871	2,400,063	16.6	422,273	3,000,115	16.5	419,729	2,987,463
2025	2,613,770	13.4	350,245	2,420,514	16.6	433,886	3,025,679	16.5	431,272	3,012,920
2026	2,685,649	13.4	359,877	2,438,339	16.6	445,818	3,047,961	16.5	443,132	3,035,108
2027	2,759,504	13.4	369,774	2,453,243	16.6	458,078	3,066,591	16.5	455,318	3,053,659
2028	2,835,390	13.4	379,942	2,464,906	16.6	470,675	3,081,170	16.5	467,839	3,068,177
2029	2,913,363	13.4	390,391	2,472,984	16.6	483,618	3,091,267	16.5	480,705	3,078,232
2030	2,993,480	13.4	401,126	2,477,104	16.6	496,918	3,096,417	16.5	493,924	3,083,361
2031	3,075,801	13.4	412,157	2,476,866	16.6	510,583	3,096,119	16.5	507,507	3,083,064
2032	3,160,386	13.4	423,492	2,471,836	16.6	524,624	3,089,831	16.5	521,464	3,076,803

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	
2023	\$ 2,475,732	18.8%	\$465,438	\$ 3,407,976	19.7%	\$487,719	\$ 3,565,880	21.3%	\$527,331	\$ 3,856,798
2024	2,543,815	18.8	478,237	3,440,668	19.7	501,132	3,600,086	21.3	541,833	3,893,795
2025	2,613,770	18.8	491,389	3,469,987	19.7	514,913	3,630,763	21.3	556,733	3,926,975
2026	2,685,649	18.8	504,902	3,495,541	19.7	529,073	3,657,501	21.3	572,043	3,955,894
2027	2,759,504	18.8	518,787	3,516,907	19.7	543,622	3,679,857	21.3	587,774	3,980,073
2028	2,835,390	18.8	533,053	3,533,627	19.7	558,572	3,697,352	21.3	603,938	3,998,995
2029	2,913,363	18.8	547,712	3,545,207	19.7	573,933	3,709,469	21.3	620,546	4,012,100
2030	2,993,480	18.8	562,774	3,551,114	19.7	589,716	3,715,649	21.3	637,611	4,018,785
2031	3,075,801	18.8	578,251	3,550,772	19.7	605,933	3,715,291	21.3	655,146	4,018,398
2032	3,160,386	18.8	594,153	3,543,561	19.7	622,596	3,707,746	21.3	673,162	4,010,237

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	
2023	\$ 2,475,732	22.9%	\$566,943	\$ 4,160,229	23.7%	\$586,748	\$ 4,305,692	26.0%	\$643,690	\$ 4,754,611
2024	2,543,815	22.9	582,534	4,200,137	23.7	602,884	4,346,995	26.0	661,392	4,800,220
2025	2,613,770	22.9	598,553	4,235,927	23.7	619,463	4,384,036	26.0	679,580	4,841,123
2026	2,685,649	22.9	615,014	4,267,121	23.7	636,499	4,416,321	26.0	698,269	4,876,774
2027	2,759,504	22.9	631,926	4,293,203	23.7	654,002	4,443,315	26.0	717,471	4,906,582
2028	2,835,390	22.9	649,304	4,313,614	23.7	671,987	4,464,439	26.0	737,201	4,929,909
2029	2,913,363	22.9	667,160	4,327,750	23.7	690,467	4,479,069	26.0	757,474	4,946,065
2030	2,993,480	22.9	685,507	4,334,961	23.7	709,455	4,486,532	26.0	778,305	4,954,306
2031	3,075,801	22.9	704,358	4,334,544	23.7	728,965	4,486,100	26.0	799,708	4,953,829
2032	3,160,386	22.9	723,728	4,325,741	23.7	749,011	4,476,989	26.0	821,700	4,943,769

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	11.5%	\$284,709	\$ 2,377,259	14.7%	\$363,933	\$ 2,971,609	14.6%	\$361,457	\$ 2,959,078
2024	2,543,815	11.5	292,539	2,400,063	14.7	373,941	3,000,115	14.6	371,397	2,987,463
2025	2,613,770	11.5	300,584	2,420,514	14.7	384,224	3,025,679	14.6	381,610	3,012,920
2026	2,685,649	11.5	308,850	2,438,339	14.7	394,790	3,047,961	14.6	392,105	3,035,108
2027	2,759,504	11.5	317,343	2,453,243	14.7	405,647	3,066,591	14.6	402,888	3,053,659
2028	2,835,390	11.5	326,070	2,464,906	14.7	416,802	3,081,170	14.6	413,967	3,068,177
2029	2,913,363	11.5	335,037	2,472,984	14.7	428,264	3,091,267	14.6	425,351	3,078,232
2030	2,993,480	11.5	344,250	2,477,104	14.7	440,042	3,096,417	14.6	437,048	3,083,361
2031	3,075,801	11.5	353,717	2,476,866	14.7	452,143	3,096,119	14.6	449,067	3,083,064
2032	3,160,386	11.5	363,444	2,471,836	14.7	464,577	3,089,831	14.6	461,416	3,076,803

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	
2023	\$ 2,475,732	16.9%	\$418,399	\$ 3,407,976	17.8%	\$440,680	\$ 3,565,880	19.4%	\$480,292	\$ 3,856,798
2024	2,543,815	16.9	429,905	3,440,668	17.8	452,799	3,600,086	19.4	493,500	3,893,795
2025	2,613,770	16.9	441,727	3,469,987	17.8	465,251	3,630,763	19.4	507,071	3,926,975
2026	2,685,649	16.9	453,875	3,495,541	17.8	478,046	3,657,501	19.4	521,016	3,955,894
2027	2,759,504	16.9	466,356	3,516,907	17.8	491,192	3,679,857	19.4	535,344	3,980,073
2028	2,835,390	16.9	479,181	3,533,627	17.8	504,699	3,697,352	19.4	550,066	3,998,995
2029	2,913,363	16.9	492,358	3,545,207	17.8	518,579	3,709,469	19.4	565,192	4,012,100
2030	2,993,480	16.9	505,898	3,551,114	17.8	532,839	3,715,649	19.4	580,735	4,018,785
2031	3,075,801	16.9	519,810	3,550,772	17.8	547,493	3,715,291	19.4	596,705	4,018,398
2032	3,160,386	16.9	534,105	3,543,561	17.8	562,549	3,707,746	19.4	613,115	4,010,237

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	
2023	\$ 2,475,732	21.0%	\$519,904	\$ 4,160,229	21.8%	\$539,710	\$ 4,305,692	24.1%	\$596,651	\$ 4,754,611
2024	2,543,815	21.0	534,201	4,200,137	21.8	554,552	4,346,995	24.1	613,059	4,800,220
2025	2,613,770	21.0	548,892	4,235,927	21.8	569,802	4,384,036	24.1	629,919	4,841,123
2026	2,685,649	21.0	563,986	4,267,121	21.8	585,471	4,416,321	24.1	647,241	4,876,774
2027	2,759,504	21.0	579,496	4,293,203	21.8	601,572	4,443,315	24.1	665,040	4,906,582
2028	2,835,390	21.0	595,432	4,313,614	21.8	618,115	4,464,439	24.1	683,329	4,929,909
2029	2,913,363	21.0	611,806	4,327,750	21.8	635,113	4,479,069	24.1	702,120	4,946,065
2030	2,993,480	21.0	628,631	4,334,961	21.8	652,579	4,486,532	24.1	721,429	4,954,306
2031	3,075,801	21.0	645,918	4,334,544	21.8	670,525	4,486,100	24.1	741,268	4,953,829
2032	3,160,386	21.0	663,681	4,325,741	21.8	688,964	4,476,989	24.1	761,653	4,943,769

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	9.6%	\$237,670	\$ 2,377,259	12.8%	\$316,894	\$ 2,971,609	12.7%	\$314,418	\$ 2,959,078
2024	2,543,815	9.6	244,206	2,400,063	12.8	325,608	3,000,115	12.7	323,065	2,987,463
2025	2,613,770	9.6	250,922	2,420,514	12.8	334,563	3,025,679	12.7	331,949	3,012,920
2026	2,685,649	9.6	257,822	2,438,339	12.8	343,763	3,047,961	12.7	341,077	3,035,108
2027	2,759,504	9.6	264,912	2,453,243	12.8	353,217	3,066,591	12.7	350,457	3,053,659
2028	2,835,390	9.6	272,197	2,464,906	12.8	362,930	3,081,170	12.7	360,095	3,068,177
2029	2,913,363	9.6	279,683	2,472,984	12.8	372,910	3,091,267	12.7	369,997	3,078,232
2030	2,993,480	9.6	287,374	2,477,104	12.8	383,165	3,096,417	12.7	380,172	3,083,361
2031	3,075,801	9.6	295,277	2,476,866	12.8	393,703	3,096,119	12.7	390,627	3,083,064
2032	3,160,386	9.6	303,397	2,471,836	12.8	404,529	3,089,831	12.7	401,369	3,076,803

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	
2023	\$ 2,475,732	15.0%	\$371,360	\$ 3,407,976	15.9%	\$393,641	\$ 3,565,880	17.5%	\$433,253	\$ 3,856,798
2024	2,543,815	15.0	381,572	3,440,668	15.9	404,467	3,600,086	17.5	445,168	3,893,795
2025	2,613,770	15.0	392,066	3,469,987	15.9	415,589	3,630,763	17.5	457,410	3,926,975
2026	2,685,649	15.0	402,847	3,495,541	15.9	427,018	3,657,501	17.5	469,989	3,955,894
2027	2,759,504	15.0	413,926	3,516,907	15.9	438,761	3,679,857	17.5	482,913	3,980,073
2028	2,835,390	15.0	425,309	3,533,627	15.9	450,827	3,697,352	17.5	496,193	3,998,995
2029	2,913,363	15.0	437,004	3,545,207	15.9	463,225	3,709,469	17.5	509,839	4,012,100
2030	2,993,480	15.0	449,022	3,551,114	15.9	475,963	3,715,649	17.5	523,859	4,018,785
2031	3,075,801	15.0	461,370	3,550,772	15.9	489,052	3,715,291	17.5	538,265	4,018,398
2032	3,160,386	15.0	474,058	3,543,561	15.9	502,501	3,707,746	17.5	553,068	4,010,237

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	
2023	\$ 2,475,732	19.1%	\$472,865	\$ 4,160,229	19.9%	\$492,671	\$ 4,305,692	22.2%	\$549,613	\$ 4,754,611
2024	2,543,815	19.1	485,869	4,200,137	19.9	506,219	4,346,995	22.2	564,727	4,800,220
2025	2,613,770	19.1	499,230	4,235,927	19.9	520,140	4,384,036	22.2	580,257	4,841,123
2026	2,685,649	19.1	512,959	4,267,121	19.9	534,444	4,416,321	22.2	596,214	4,876,774
2027	2,759,504	19.1	527,065	4,293,203	19.9	549,141	4,443,315	22.2	612,610	4,906,582
2028	2,835,390	19.1	541,559	4,313,614	19.9	564,243	4,464,439	22.2	629,457	4,929,909
2029	2,913,363	19.1	556,452	4,327,750	19.9	579,759	4,479,069	22.2	646,767	4,946,065
2030	2,993,480	19.1	571,755	4,334,961	19.9	595,703	4,486,532	22.2	664,553	4,954,306
2031	3,075,801	19.1	587,478	4,334,544	19.9	612,084	4,486,100	22.2	682,828	4,953,829
2032	3,160,386	19.1	603,634	4,325,741	19.9	628,917	4,476,989	22.2	701,606	4,943,769

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	7.7%	\$190,631	\$ 2,377,259	10.9%	\$269,855	\$ 2,971,609	10.8%	\$267,379	\$ 2,959,078
2024	2,543,815	7.7	195,874	2,400,063	10.9	277,276	3,000,115	10.8	274,732	2,987,463
2025	2,613,770	7.7	201,260	2,420,514	10.9	284,901	3,025,679	10.8	282,287	3,012,920
2026	2,685,649	7.7	206,795	2,438,339	10.9	292,736	3,047,961	10.8	290,050	3,035,108
2027	2,759,504	7.7	212,482	2,453,243	10.9	300,786	3,066,591	10.8	298,026	3,053,659
2028	2,835,390	7.7	218,325	2,464,906	10.9	309,058	3,081,170	10.8	306,222	3,068,177
2029	2,913,363	7.7	224,329	2,472,984	10.9	317,557	3,091,267	10.8	314,643	3,078,232
2030	2,993,480	7.7	230,498	2,477,104	10.9	326,289	3,096,417	10.8	323,296	3,083,361
2031	3,075,801	7.7	236,837	2,476,866	10.9	335,262	3,096,119	10.8	332,187	3,083,064
2032	3,160,386	7.7	243,350	2,471,836	10.9	344,482	3,089,831	10.8	341,322	3,076,803

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	
2023	\$ 2,475,732	13.1%	\$324,321	\$ 3,407,976	14.0%	\$346,602	\$ 3,565,880	15.6%	\$386,214	\$ 3,856,798
2024	2,543,815	13.1	333,240	3,440,668	14.0	356,134	3,600,086	15.6	396,835	3,893,795
2025	2,613,770	13.1	342,404	3,469,987	14.0	365,928	3,630,763	15.6	407,748	3,926,975
2026	2,685,649	13.1	351,820	3,495,541	14.0	375,991	3,657,501	15.6	418,961	3,955,894
2027	2,759,504	13.1	361,495	3,516,907	14.0	386,331	3,679,857	15.6	430,483	3,980,073
2028	2,835,390	13.1	371,436	3,533,627	14.0	396,955	3,697,352	15.6	442,321	3,998,995
2029	2,913,363	13.1	381,651	3,545,207	14.0	407,871	3,709,469	15.6	454,485	4,012,100
2030	2,993,480	13.1	392,146	3,551,114	14.0	419,087	3,715,649	15.6	466,983	4,018,785
2031	3,075,801	13.1	402,930	3,550,772	14.0	430,612	3,715,291	15.6	479,825	4,018,398
2032	3,160,386	13.1	414,011	3,543,561	14.0	442,454	3,707,746	15.6	493,020	4,010,237

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	
2023	\$ 2,475,732	17.2%	\$425,826	\$ 4,160,229	18.0%	\$445,632	\$ 4,305,692	20.3%	\$502,574	\$ 4,754,611
2024	2,543,815	17.2	437,536	4,200,137	18.0	457,887	4,346,995	20.3	516,394	4,800,220
2025	2,613,770	17.2	449,568	4,235,927	18.0	470,479	4,384,036	20.3	530,595	4,841,123
2026	2,685,649	17.2	461,932	4,267,121	18.0	483,417	4,416,321	20.3	545,187	4,876,774
2027	2,759,504	17.2	474,635	4,293,203	18.0	496,711	4,443,315	20.3	560,179	4,906,582
2028	2,835,390	17.2	487,687	4,313,614	18.0	510,370	4,464,439	20.3	575,584	4,929,909
2029	2,913,363	17.2	501,098	4,327,750	18.0	524,405	4,479,069	20.3	591,413	4,946,065
2030	2,993,480	17.2	514,879	4,334,961	18.0	538,826	4,486,532	20.3	607,676	4,954,306
2031	3,075,801	17.2	529,038	4,334,544	18.0	553,644	4,486,100	20.3	624,388	4,953,829
2032	3,160,386	17.2	543,586	4,325,741	18.0	568,869	4,476,989	20.3	641,558	4,943,769

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	13.9%	\$344,127	\$ 2,459,822	17.2%	\$425,826	\$ 3,074,729	17.0%	\$420,874	\$ 3,062,599
2024	2,543,815	13.9	353,590	2,483,418	17.2	437,536	3,104,224	17.0	432,449	3,091,977
2025	2,613,770	13.9	363,314	2,504,580	17.2	449,568	3,130,676	17.0	444,341	3,118,324
2026	2,685,649	13.9	373,305	2,523,024	17.2	461,932	3,153,731	17.0	456,560	3,141,288
2027	2,759,504	13.9	383,571	2,538,445	17.2	474,635	3,173,007	17.0	469,116	3,160,488
2028	2,835,390	13.9	394,119	2,550,513	17.2	487,687	3,188,092	17.0	482,016	3,175,513
2029	2,913,363	13.9	404,957	2,558,871	17.2	501,098	3,198,540	17.0	495,272	3,185,919
2030	2,993,480	13.9	416,094	2,563,134	17.2	514,879	3,203,869	17.0	508,892	3,191,227
2031	3,075,801	13.9	427,536	2,562,887	17.2	529,038	3,203,561	17.0	522,886	3,190,920
2032	3,160,386	13.9	439,294	2,557,682	17.2	543,586	3,197,055	17.0	537,266	3,184,440

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	
2023	\$ 2,475,732	19.5%	\$482,768	\$ 3,526,815	20.4%	\$505,049	\$ 3,689,770	22.0%	\$544,661	\$ 3,991,166
2024	2,543,815	19.5	496,044	3,560,647	20.4	518,938	3,725,165	22.0	559,639	4,029,452
2025	2,613,770	19.5	509,685	3,590,988	20.4	533,209	3,756,908	22.0	575,029	4,063,788
2026	2,685,649	19.5	523,702	3,617,433	20.4	547,872	3,784,575	22.0	590,843	4,093,715
2027	2,759,504	19.5	538,103	3,639,544	20.4	562,939	3,807,707	22.0	607,091	4,118,737
2028	2,835,390	19.5	552,901	3,656,847	20.4	578,420	3,825,809	22.0	623,786	4,138,318
2029	2,913,363	19.5	568,106	3,668,831	20.4	594,326	3,838,346	22.0	640,940	4,151,880
2030	2,993,480	19.5	583,729	3,674,944	20.4	610,670	3,844,741	22.0	658,566	4,158,798
2031	3,075,801	19.5	599,781	3,674,590	20.4	627,463	3,844,371	22.0	676,676	4,158,398
2032	3,160,386	19.5	616,275	3,667,128	20.4	644,719	3,836,564	22.0	695,285	4,149,953

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	
2023	\$ 2,475,732	23.7%	\$586,748	\$ 4,304,616	24.4%	\$604,079	\$ 4,455,276	26.9%	\$665,972	\$ 4,919,537
2024	2,543,815	23.7	602,884	4,345,909	24.4	620,691	4,498,014	26.9	684,286	4,966,728
2025	2,613,770	23.7	619,463	4,382,941	24.4	637,760	4,536,342	26.9	703,104	5,009,050
2026	2,685,649	23.7	636,499	4,415,218	24.4	655,298	4,569,749	26.9	722,440	5,045,938
2027	2,759,504	23.7	654,002	4,442,205	24.4	673,319	4,597,680	26.9	742,307	5,076,780
2028	2,835,390	23.7	671,987	4,463,324	24.4	691,835	4,619,538	26.9	762,720	5,100,916
2029	2,913,363	23.7	690,467	4,477,951	24.4	710,861	4,634,677	26.9	783,695	5,117,632
2030	2,993,480	23.7	709,455	4,485,412	24.4	730,409	4,642,399	26.9	805,246	5,126,159
2031	3,075,801	23.7	728,965	4,484,980	24.4	750,495	4,641,952	26.9	827,390	5,125,666
2032	3,160,386	23.7	749,011	4,475,872	24.4	771,134	4,632,525	26.9	850,144	5,115,257

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	12.0%	\$297,088	\$ 2,459,822	15.3%	\$378,787	\$ 3,074,729	15.1%	\$373,836	\$ 3,062,599
2024	2,543,815	12.0	305,258	2,483,418	15.3	389,204	3,104,224	15.1	384,116	3,091,977
2025	2,613,770	12.0	313,652	2,504,580	15.3	399,907	3,130,676	15.1	394,679	3,118,324
2026	2,685,649	12.0	322,278	2,523,024	15.3	410,904	3,153,731	15.1	405,533	3,141,288
2027	2,759,504	12.0	331,140	2,538,445	15.3	422,204	3,173,007	15.1	416,685	3,160,488
2028	2,835,390	12.0	340,247	2,550,513	15.3	433,815	3,188,092	15.1	428,144	3,175,513
2029	2,913,363	12.0	349,604	2,558,871	15.3	445,745	3,198,540	15.1	439,918	3,185,919
2030	2,993,480	12.0	359,218	2,563,134	15.3	458,002	3,203,869	15.1	452,015	3,191,227
2031	3,075,801	12.0	369,096	2,562,887	15.3	470,598	3,203,561	15.1	464,446	3,190,920
2032	3,160,386	12.0	379,246	2,557,682	15.3	483,539	3,197,055	15.1	477,218	3,184,440

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	
2023	\$ 2,475,732	17.6%	\$435,729	\$ 3,526,815	18.5%	\$458,010	\$ 3,689,770	20.1%	\$497,622	\$ 3,991,166
2024	2,543,815	17.6	447,711	3,560,647	18.5	470,606	3,725,165	20.1	511,307	4,029,452
2025	2,613,770	17.6	460,024	3,590,988	18.5	483,547	3,756,908	20.1	525,368	4,063,788
2026	2,685,649	17.6	472,674	3,617,433	18.5	496,845	3,784,575	20.1	539,815	4,093,715
2027	2,759,504	17.6	485,673	3,639,544	18.5	510,508	3,807,707	20.1	554,660	4,118,737
2028	2,835,390	17.6	499,029	3,656,847	18.5	524,547	3,825,809	20.1	569,913	4,138,318
2029	2,913,363	17.6	512,752	3,668,831	18.5	538,972	3,838,346	20.1	585,586	4,151,880
2030	2,993,480	17.6	526,852	3,674,944	18.5	553,794	3,844,741	20.1	601,689	4,158,798
2031	3,075,801	17.6	541,341	3,674,590	18.5	569,023	3,844,371	20.1	618,236	4,158,398
2032	3,160,386	17.6	556,228	3,667,128	18.5	584,671	3,836,564	20.1	635,238	4,149,953

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	
2023	\$ 2,475,732	21.8%	\$539,710	\$ 4,304,616	22.5%	\$557,040	\$ 4,455,276	25.0%	\$618,933	\$ 4,919,537
2024	2,543,815	21.8	554,552	4,345,909	22.5	572,358	4,498,014	25.0	635,954	4,966,728
2025	2,613,770	21.8	569,802	4,382,941	22.5	588,098	4,536,342	25.0	653,443	5,009,050
2026	2,685,649	21.8	585,471	4,415,218	22.5	604,271	4,569,749	25.0	671,412	5,045,938
2027	2,759,504	21.8	601,572	4,442,205	22.5	620,888	4,597,680	25.0	689,876	5,076,780
2028	2,835,390	21.8	618,115	4,463,324	22.5	637,963	4,619,538	25.0	708,848	5,100,916
2029	2,913,363	21.8	635,113	4,477,951	22.5	655,507	4,634,677	25.0	728,341	5,117,632
2030	2,993,480	21.8	652,579	4,485,412	22.5	673,533	4,642,399	25.0	748,370	5,126,159
2031	3,075,801	21.8	670,525	4,484,980	22.5	692,055	4,641,952	25.0	768,950	5,125,666
2032	3,160,386	21.8	688,964	4,475,872	22.5	711,087	4,632,525	25.0	790,097	5,115,257

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial 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	
2023	\$ 2,475,732	10.1%	\$250,049	\$ 2,459,822	13.4%	\$331,748	\$ 3,074,729	13.2%	\$326,797	\$ 3,062,599
2024	2,543,815	10.1	256,925	2,483,418	13.4	340,871	3,104,224	13.2	335,784	3,091,977
2025	2,613,770	10.1	263,991	2,504,580	13.4	350,245	3,130,676	13.2	345,018	3,118,324
2026	2,685,649	10.1	271,251	2,523,024	13.4	359,877	3,153,731	13.2	354,506	3,141,288
2027	2,759,504	10.1	278,710	2,538,445	13.4	369,774	3,173,007	13.2	364,255	3,160,488
2028	2,835,390	10.1	286,374	2,550,513	13.4	379,942	3,188,092	13.2	374,271	3,175,513
2029	2,913,363	10.1	294,250	2,558,871	13.4	390,391	3,198,540	13.2	384,564	3,185,919
2030	2,993,480	10.1	302,341	2,563,134	13.4	401,126	3,203,869	13.2	395,139	3,191,227
2031	3,075,801	10.1	310,656	2,562,887	13.4	412,157	3,203,561	13.2	406,006	3,190,920
2032	3,160,386	10.1	319,199	2,557,682	13.4	423,492	3,197,055	13.2	417,171	3,184,440

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	
2023	\$ 2,475,732	15.7%	\$388,690	\$ 3,526,815	16.6%	\$410,972	\$ 3,689,770	18.2%	\$450,583	\$ 3,991,166
2024	2,543,815	15.7	399,379	3,560,647	16.6	422,273	3,725,165	18.2	462,974	4,029,452
2025	2,613,770	15.7	410,362	3,590,988	16.6	433,886	3,756,908	18.2	475,706	4,063,788
2026	2,685,649	15.7	421,647	3,617,433	16.6	445,818	3,784,575	18.2	488,788	4,093,715
2027	2,759,504	15.7	433,242	3,639,544	16.6	458,078	3,807,707	18.2	502,230	4,118,737
2028	2,835,390	15.7	445,156	3,656,847	16.6	470,675	3,825,809	18.2	516,041	4,138,318
2029	2,913,363	15.7	457,398	3,668,831	16.6	483,618	3,838,346	18.2	530,232	4,151,880
2030	2,993,480	15.7	469,976	3,674,944	16.6	496,918	3,844,741	18.2	544,813	4,158,798
2031	3,075,801	15.7	482,901	3,674,590	16.6	510,583	3,844,371	18.2	559,796	4,158,398
2032	3,160,386	15.7	496,181	3,667,128	16.6	524,624	3,836,564	18.2	575,190	4,149,953

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	
2023	\$ 2,475,732	19.9%	\$492,671	\$ 4,304,616	20.6%	\$510,001	\$ 4,455,276	23.1%	\$571,894	\$ 4,919,537
2024	2,543,815	19.9	506,219	4,345,909	20.6	524,026	4,498,014	23.1	587,621	4,966,728
2025	2,613,770	19.9	520,140	4,382,941	20.6	538,437	4,536,342	23.1	603,781	5,009,050
2026	2,685,649	19.9	534,444	4,415,218	20.6	553,244	4,569,749	23.1	620,385	5,045,938
2027	2,759,504	19.9	549,141	4,442,205	20.6	568,458	4,597,680	23.1	637,445	5,076,780
2028	2,835,390	19.9	564,243	4,463,324	20.6	584,090	4,619,538	23.1	654,975	5,100,916
2029	2,913,363	19.9	579,759	4,477,951	20.6	600,153	4,634,677	23.1	672,987	5,117,632
2030	2,993,480	19.9	595,703	4,485,412	20.6	616,657	4,642,399	23.1	691,494	5,126,159
2031	3,075,801	19.9	612,084	4,484,980	20.6	633,615	4,641,952	23.1	710,510	5,125,666
2032	3,160,386	19.9	628,917	4,475,872	20.6	651,040	4,632,525	23.1	730,049	5,115,257

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.



Newton County - Police

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2023	\$ 2,475,732	8.2%	\$203,010	\$ 2,459,822	11.5%	\$284,709	\$ 3,074,729	11.3%	\$279,758	\$ 3,062,599
2024	2,543,815	8.2	208,593	2,483,418	11.5	292,539	3,104,224	11.3	287,451	3,091,977
2025	2,613,770	8.2	214,329	2,504,580	11.5	300,584	3,130,676	11.3	295,356	3,118,324
2026	2,685,649	8.2	220,223	2,523,024	11.5	308,850	3,153,731	11.3	303,478	3,141,288
2027	2,759,504	8.2	226,279	2,538,445	11.5	317,343	3,173,007	11.3	311,824	3,160,488
2028	2,835,390	8.2	232,502	2,550,513	11.5	326,070	3,188,092	11.3	320,399	3,175,513
2029	2,913,363	8.2	238,896	2,558,871	11.5	335,037	3,198,540	11.3	329,210	3,185,919
2030	2,993,480	8.2	245,465	2,563,134	11.5	344,250	3,203,869	11.3	338,263	3,191,227
2031	3,075,801	8.2	252,216	2,562,887	11.5	353,717	3,203,561	11.3	347,566	3,190,920
2032	3,160,386	8.2	259,152	2,557,682	11.5	363,444	3,197,055	11.3	357,124	3,184,440

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	
2023	\$ 2,475,732	13.8%	\$341,651	\$ 3,526,815	14.7%	\$363,933	\$ 3,689,770	16.3%	\$403,544	\$ 3,991,166
2024	2,543,815	13.8	351,046	3,560,647	14.7	373,941	3,725,165	16.3	414,642	4,029,452
2025	2,613,770	13.8	360,700	3,590,988	14.7	384,224	3,756,908	16.3	426,045	4,063,788
2026	2,685,649	13.8	370,620	3,617,433	14.7	394,790	3,784,575	16.3	437,761	4,093,715
2027	2,759,504	13.8	380,812	3,639,544	14.7	405,647	3,807,707	16.3	449,799	4,118,737
2028	2,835,390	13.8	391,284	3,656,847	14.7	416,802	3,825,809	16.3	462,169	4,138,318
2029	2,913,363	13.8	402,044	3,668,831	14.7	428,264	3,838,346	16.3	474,878	4,151,880
2030	2,993,480	13.8	413,100	3,674,944	14.7	440,042	3,844,741	16.3	487,937	4,158,798
2031	3,075,801	13.8	424,461	3,674,590	14.7	452,143	3,844,371	16.3	501,356	4,158,398
2032	3,160,386	13.8	436,133	3,667,128	14.7	464,577	3,836,564	16.3	515,143	4,149,953

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	
2023	\$ 2,475,732	18.0%	\$445,632	\$ 4,304,616	18.7%	\$462,962	\$ 4,455,276	21.2%	\$524,855	\$ 4,919,537
2024	2,543,815	18.0	457,887	4,345,909	18.7	475,693	4,498,014	21.2	539,289	4,966,728
2025	2,613,770	18.0	470,479	4,382,941	18.7	488,775	4,536,342	21.2	554,119	5,009,050
2026	2,685,649	18.0	483,417	4,415,218	18.7	502,216	4,569,749	21.2	569,358	5,045,938
2027	2,759,504	18.0	496,711	4,442,205	18.7	516,027	4,597,680	21.2	585,015	5,076,780
2028	2,835,390	18.0	510,370	4,463,324	18.7	530,218	4,619,538	21.2	601,103	5,100,916
2029	2,913,363	18.0	524,405	4,477,951	18.7	544,799	4,634,677	21.2	617,633	5,117,632
2030	2,993,480	18.0	538,826	4,485,412	18.7	559,781	4,642,399	21.2	634,618	5,126,159
2031	3,075,801	18.0	553,644	4,484,980	18.7	575,175	4,641,952	21.2	652,070	5,125,666
2032	3,160,386	18.0	568,869	4,475,872	18.7	590,992	4,632,525	21.2	670,002	5,115,257

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.



Newton County - 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	
2023	\$ 814,923	11.8%	\$96,161	\$ 597,034	14.4%	\$117,349	\$ 746,263	14.0%	\$114,089	\$ 726,020
2024	837,333	11.8	98,805	602,761	14.4	120,576	753,422	14.0	117,227	732,984
2025	860,360	11.8	101,522	607,897	14.4	123,892	759,842	14.0	120,450	739,230
2026	884,020	11.8	104,314	612,374	14.4	127,299	765,438	14.0	123,763	744,674
2027	908,331	11.8	107,183	616,117	14.4	130,800	770,117	14.0	127,166	749,226
2028	933,310	11.8	110,131	619,046	14.4	134,397	773,778	14.0	130,663	752,788
2029	958,976	11.8	113,159	621,075	14.4	138,093	776,314	14.0	134,257	755,255
2030	985,348	11.8	116,271	622,110	14.4	141,890	777,607	14.0	137,949	756,513
2031	1,012,445	11.8	119,469	622,050	14.4	145,792	777,532	14.0	141,742	756,440
2032	1,040,287	11.8	122,754	620,787	14.4	149,801	775,953	14.0	145,640	754,904

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	
2023	\$ 814,923	16.1%	\$131,203	\$ 843,014	17.1%	\$139,352	\$ 895,563	18.3%	\$149,131	\$ 960,026
2024	837,333	16.1	134,811	851,101	17.1	143,184	904,154	18.3	153,232	969,235
2025	860,360	16.1	138,518	858,353	17.1	147,122	911,858	18.3	157,446	977,494
2026	884,020	16.1	142,327	864,674	17.1	151,167	918,573	18.3	161,776	984,692
2027	908,331	16.1	146,241	869,959	17.1	155,325	924,188	18.3	166,225	990,711
2028	933,310	16.1	150,263	874,095	17.1	159,596	928,582	18.3	170,796	995,421
2029	958,976	16.1	154,395	876,959	17.1	163,985	931,625	18.3	175,493	998,683
2030	985,348	16.1	158,641	878,420	17.1	168,495	933,177	18.3	180,319	1,000,347
2031	1,012,445	16.1	163,004	878,335	17.1	173,128	933,087	18.3	185,277	1,000,251
2032	1,040,287	16.1	167,486	876,551	17.1	177,889	931,192	18.3	190,373	998,220

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	
2023	\$ 814,923	19.9%	\$162,170	\$ 1,044,755	20.5%	\$167,059	\$ 1,077,000	22.7%	\$184,988	\$ 1,193,972
2024	837,333	19.9	166,629	1,054,777	20.5	171,653	1,087,331	22.7	190,075	1,205,425
2025	860,360	19.9	171,212	1,063,765	20.5	176,374	1,096,596	22.7	195,302	1,215,697
2026	884,020	19.9	175,920	1,071,599	20.5	181,224	1,104,672	22.7	200,673	1,224,650
2027	908,331	19.9	180,758	1,078,149	20.5	186,208	1,111,424	22.7	206,191	1,232,135
2028	933,310	19.9	185,729	1,083,275	20.5	191,329	1,116,708	22.7	211,861	1,237,993
2029	958,976	19.9	190,836	1,086,825	20.5	196,590	1,120,368	22.7	217,688	1,242,050
2030	985,348	19.9	196,084	1,088,636	20.5	201,996	1,122,235	22.7	223,674	1,244,119
2031	1,012,445	19.9	201,477	1,088,531	20.5	207,551	1,122,127	22.7	229,825	1,243,999
2032	1,040,287	19.9	207,017	1,086,320	20.5	213,259	1,119,848	22.7	236,145	1,241,473

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.



Newton County - 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	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
2023	\$ 814,923	9.9%	\$80,677	\$ 597,034	12.5%	\$101,865	\$ 746,263	12.1%	\$98,606	\$ 726,020
2024	837,333	9.9	82,896	602,761	12.5	104,667	753,422	12.1	101,317	732,984
2025	860,360	9.9	85,176	607,897	12.5	107,545	759,842	12.1	104,104	739,230
2026	884,020	9.9	87,518	612,374	12.5	110,503	765,438	12.1	106,966	744,674
2027	908,331	9.9	89,925	616,117	12.5	113,541	770,117	12.1	109,908	749,226
2028	933,310	9.9	92,398	619,046	12.5	116,664	773,778	12.1	112,931	752,788
2029	958,976	9.9	94,939	621,075	12.5	119,872	776,314	12.1	116,036	755,255
2030	985,348	9.9	97,549	622,110	12.5	123,169	777,607	12.1	119,227	756,513
2031	1,012,445	9.9	100,232	622,050	12.5	126,556	777,532	12.1	122,506	756,440
2032	1,040,287	9.9	102,988	620,787	12.5	130,036	775,953	12.1	125,875	754,904

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
2023	\$ 814,923	14.2%	\$115,719	\$ 843,014	15.2%	\$123,868	\$ 895,563	16.4%	\$133,647	\$ 960,026
2024	837,333	14.2	118,901	851,101	15.2	127,275	904,154	16.4	137,323	969,235
2025	860,360	14.2	122,171	858,353	15.2	130,775	911,858	16.4	141,099	977,494
2026	884,020	14.2	125,531	864,674	15.2	134,371	918,573	16.4	144,979	984,692
2027	908,331	14.2	128,983	869,959	15.2	138,066	924,188	16.4	148,966	990,711
2028	933,310	14.2	132,530	874,095	15.2	141,863	928,582	16.4	153,063	995,421
2029	958,976	14.2	136,175	876,959	15.2	145,764	931,625	16.4	157,272	998,683
2030	985,348	14.2	139,919	878,420	15.2	149,773	933,177	16.4	161,597	1,000,347
2031	1,012,445	14.2	143,767	878,335	15.2	153,892	933,087	16.4	166,041	1,000,251
2032	1,040,287	14.2	147,721	876,551	15.2	158,124	931,192	16.4	170,607	998,220

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
2023	\$ 814,923	18.0%	\$146,686	\$ 1,044,755	18.6%	\$151,576	\$ 1,077,000	20.8%	\$169,504	\$ 1,193,972
2024	837,333	18.0	150,720	1,054,777	18.6	155,744	1,087,331	20.8	174,165	1,205,425
2025	860,360	18.0	154,865	1,063,765	18.6	160,027	1,096,596	20.8	178,955	1,215,697
2026	884,020	18.0	159,124	1,071,599	18.6	164,428	1,104,672	20.8	183,876	1,224,650
2027	908,331	18.0	163,500	1,078,149	18.6	168,950	1,111,424	20.8	188,933	1,232,135
2028	933,310	18.0	167,996	1,083,275	18.6	173,596	1,116,708	20.8	194,128	1,237,993
2029	958,976	18.0	172,616	1,086,825	18.6	178,370	1,120,368	20.8	199,467	1,242,050
2030	985,348	18.0	177,363	1,088,636	18.6	183,275	1,122,235	20.8	204,952	1,244,119
2031	1,012,445	18.0	182,240	1,088,531	18.6	188,315	1,122,127	20.8	210,589	1,243,999
2032	1,040,287	18.0	187,252	1,086,320	18.6	193,493	1,119,848	20.8	216,380	1,241,473

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.



Newton County - 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	
2023	\$ 814,923	8.0%	\$65,194	\$ 597,034	10.6%	\$86,382	\$ 746,263	10.2%	\$83,122	\$ 726,020
2024	837,333	8.0	66,987	602,761	10.6	88,757	753,422	10.2	85,408	732,984
2025	860,360	8.0	68,829	607,897	10.6	91,198	759,842	10.2	87,757	739,230
2026	884,020	8.0	70,722	612,374	10.6	93,706	765,438	10.2	90,170	744,674
2027	908,331	8.0	72,666	616,117	10.6	96,283	770,117	10.2	92,650	749,226
2028	933,310	8.0	74,665	619,046	10.6	98,931	773,778	10.2	95,198	752,788
2029	958,976	8.0	76,718	621,075	10.6	101,651	776,314	10.2	97,816	755,255
2030	985,348	8.0	78,828	622,110	10.6	104,447	777,607	10.2	100,505	756,513
2031	1,012,445	8.0	80,996	622,050	10.6	107,319	777,532	10.2	103,269	756,440
2032	1,040,287	8.0	83,223	620,787	10.6	110,270	775,953	10.2	106,109	754,904

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	
2023	\$ 814,923	12.3%	\$100,236	\$ 843,014	13.3%	\$108,385	\$ 895,563	14.5%	\$118,164	\$ 960,026
2024	837,333	12.3	102,992	851,101	13.3	111,365	904,154	14.5	121,413	969,235
2025	860,360	12.3	105,824	858,353	13.3	114,428	911,858	14.5	124,752	977,494
2026	884,020	12.3	108,734	864,674	13.3	117,575	918,573	14.5	128,183	984,692
2027	908,331	12.3	111,725	869,959	13.3	120,808	924,188	14.5	131,708	990,711
2028	933,310	12.3	114,797	874,095	13.3	124,130	928,582	14.5	135,330	995,421
2029	958,976	12.3	117,954	876,959	13.3	127,544	931,625	14.5	139,052	998,683
2030	985,348	12.3	121,198	878,420	13.3	131,051	933,177	14.5	142,875	1,000,347
2031	1,012,445	12.3	124,531	878,335	13.3	134,655	933,087	14.5	146,805	1,000,251
2032	1,040,287	12.3	127,955	876,551	13.3	138,358	931,192	14.5	150,842	998,220

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	
2023	\$ 814,923	16.1%	\$131,203	\$ 1,044,755	16.7%	\$136,092	\$ 1,077,000	18.9%	\$154,020	\$ 1,193,972
2024	837,333	16.1	134,811	1,054,777	16.7	139,835	1,087,331	18.9	158,256	1,205,425
2025	860,360	16.1	138,518	1,063,765	16.7	143,680	1,096,596	18.9	162,608	1,215,697
2026	884,020	16.1	142,327	1,071,599	16.7	147,631	1,104,672	18.9	167,080	1,224,650
2027	908,331	16.1	146,241	1,078,149	16.7	151,691	1,111,424	18.9	171,675	1,232,135
2028	933,310	16.1	150,263	1,083,275	16.7	155,863	1,116,708	18.9	176,396	1,237,993
2029	958,976	16.1	154,395	1,086,825	16.7	160,149	1,120,368	18.9	181,246	1,242,050
2030	985,348	16.1	158,641	1,088,636	16.7	164,553	1,122,235	18.9	186,231	1,244,119
2031	1,012,445	16.1	163,004	1,088,531	16.7	169,078	1,122,127	18.9	191,352	1,243,999
2032	1,040,287	16.1	167,486	1,086,320	16.7	173,728	1,119,848	18.9	196,614	1,241,473

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.



Newton County - 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	
2023	\$ 814,923	6.1%	\$49,710	\$ 597,034	8.7%	\$70,898	\$ 746,263	8.3%	\$67,639	\$ 726,020
2024	837,333	6.1	51,077	602,761	8.7	72,848	753,422	8.3	69,499	732,984
2025	860,360	6.1	52,482	607,897	8.7	74,851	759,842	8.3	71,410	739,230
2026	884,020	6.1	53,925	612,374	8.7	76,910	765,438	8.3	73,374	744,674
2027	908,331	6.1	55,408	616,117	8.7	79,025	770,117	8.3	75,391	749,226
2028	933,310	6.1	56,932	619,046	8.7	81,198	773,778	8.3	77,465	752,788
2029	958,976	6.1	58,498	621,075	8.7	83,431	776,314	8.3	79,595	755,255
2030	985,348	6.1	60,106	622,110	8.7	85,725	777,607	8.3	81,784	756,513
2031	1,012,445	6.1	61,759	622,050	8.7	88,083	777,532	8.3	84,033	756,440
2032	1,040,287	6.1	63,458	620,787	8.7	90,505	775,953	8.3	86,344	754,904

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	
2023	\$ 814,923	10.4%	\$84,752	\$ 843,014	11.4%	\$92,901	\$ 895,563	12.6%	\$102,680	\$ 960,026
2024	837,333	10.4	87,083	851,101	11.4	95,456	904,154	12.6	105,504	969,235
2025	860,360	10.4	89,477	858,353	11.4	98,081	911,858	12.6	108,405	977,494
2026	884,020	10.4	91,938	864,674	11.4	100,778	918,573	12.6	111,387	984,692
2027	908,331	10.4	94,466	869,959	11.4	103,550	924,188	12.6	114,450	990,711
2028	933,310	10.4	97,064	874,095	11.4	106,397	928,582	12.6	117,597	995,421
2029	958,976	10.4	99,734	876,959	11.4	109,323	931,625	12.6	120,831	998,683
2030	985,348	10.4	102,476	878,420	11.4	112,330	933,177	12.6	124,154	1,000,347
2031	1,012,445	10.4	105,294	878,335	11.4	115,419	933,087	12.6	127,568	1,000,251
2032	1,040,287	10.4	108,190	876,551	11.4	118,593	931,192	12.6	131,076	998,220

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	
2023	\$ 814,923	14.2%	\$115,719	\$ 1,044,755	14.8%	\$120,609	\$ 1,077,000	17.0%	\$138,537	\$ 1,193,972
2024	837,333	14.2	118,901	1,054,777	14.8	123,925	1,087,331	17.0	142,347	1,205,425
2025	860,360	14.2	122,171	1,063,765	14.8	127,333	1,096,596	17.0	146,261	1,215,697
2026	884,020	14.2	125,531	1,071,599	14.8	130,835	1,104,672	17.0	150,283	1,224,650
2027	908,331	14.2	128,983	1,078,149	14.8	134,433	1,111,424	17.0	154,416	1,232,135
2028	933,310	14.2	132,530	1,083,275	14.8	138,130	1,116,708	17.0	158,663	1,237,993
2029	958,976	14.2	136,175	1,086,825	14.8	141,928	1,120,368	17.0	163,026	1,242,050
2030	985,348	14.2	139,919	1,088,636	14.8	145,832	1,122,235	17.0	167,509	1,244,119
2031	1,012,445	14.2	143,767	1,088,531	14.8	149,842	1,122,127	17.0	172,116	1,243,999
2032	1,040,287	14.2	147,721	1,086,320	14.8	153,962	1,119,848	17.0	176,849	1,241,473

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.



Newton County - 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	
2023	\$ 814,923	12.1%	\$98,606	\$ 617,839	14.9%	\$121,424	\$ 772,319	14.4%	\$117,349	\$ 751,559
2024	837,333	12.1	101,317	623,766	14.9	124,763	779,728	14.4	120,576	758,768
2025	860,360	12.1	104,104	629,081	14.9	128,194	786,372	14.4	123,892	765,234
2026	884,020	12.1	106,966	633,714	14.9	131,719	792,163	14.4	127,299	770,869
2027	908,331	12.1	109,908	637,587	14.9	135,341	797,005	14.4	130,800	775,581
2028	933,310	12.1	112,931	640,618	14.9	139,063	800,794	14.4	134,397	779,268
2029	958,976	12.1	116,036	642,717	14.9	142,887	803,418	14.4	138,093	781,822
2030	985,348	12.1	119,227	643,788	14.9	146,817	804,757	14.4	141,890	783,125
2031	1,012,445	12.1	122,506	643,726	14.9	150,854	804,680	14.4	145,792	783,050
2032	1,040,287	12.1	125,875	642,419	14.9	155,003	803,046	14.4	149,801	781,460

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	
2023	\$ 814,923	16.8%	\$136,907	\$ 872,588	17.7%	\$144,241	\$ 926,731	18.9%	\$154,020	\$ 993,595
2024	837,333	16.8	140,672	880,958	17.7	148,208	935,621	18.9	158,256	1,003,126
2025	860,360	16.8	144,540	888,465	17.7	152,284	943,594	18.9	162,608	1,011,674
2026	884,020	16.8	148,515	895,008	17.7	156,472	950,543	18.9	167,080	1,019,124
2027	908,331	16.8	152,600	900,479	17.7	160,775	956,353	18.9	171,675	1,025,353
2028	933,310	16.8	156,796	904,760	17.7	165,196	960,900	18.9	176,396	1,030,228
2029	958,976	16.8	161,108	907,725	17.7	169,739	964,049	18.9	181,246	1,033,604
2030	985,348	16.8	165,538	909,237	17.7	174,407	965,655	18.9	186,231	1,035,326
2031	1,012,445	16.8	170,091	909,150	17.7	179,203	965,562	18.9	191,352	1,035,226
2032	1,040,287	16.8	174,768	907,304	17.7	184,131	963,601	18.9	196,614	1,033,124

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	
2023	\$ 814,923	20.5%	\$167,059	\$ 1,081,228	21.2%	\$172,764	\$ 1,114,664	23.5%	\$191,507	\$ 1,235,702
2024	837,333	20.5	171,653	1,091,600	21.2	177,515	1,125,357	23.5	196,773	1,247,556
2025	860,360	20.5	176,374	1,100,902	21.2	182,396	1,134,946	23.5	202,185	1,258,187
2026	884,020	20.5	181,224	1,109,009	21.2	187,412	1,143,304	23.5	207,745	1,267,453
2027	908,331	20.5	186,208	1,115,788	21.2	192,566	1,150,292	23.5	213,458	1,275,200
2028	933,310	20.5	191,329	1,121,093	21.2	197,862	1,155,761	23.5	219,328	1,281,263
2029	958,976	20.5	196,590	1,124,767	21.2	203,303	1,159,549	23.5	225,359	1,285,462
2030	985,348	20.5	201,996	1,126,641	21.2	208,894	1,161,481	23.5	231,557	1,287,604
2031	1,012,445	20.5	207,551	1,126,533	21.2	214,638	1,161,369	23.5	237,925	1,287,480
2032	1,040,287	20.5	213,259	1,124,245	21.2	220,541	1,159,010	23.5	244,467	1,284,865

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.



Newton County - 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	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
2023	\$ 814,923	10.2%	\$83,122	\$ 617,839	13.0%	\$105,940	\$ 772,319	12.5%	\$101,865	\$ 751,559
2024	837,333	10.2	85,408	623,766	13.0	108,853	779,728	12.5	104,667	758,768
2025	860,360	10.2	87,757	629,081	13.0	111,847	786,372	12.5	107,545	765,234
2026	884,020	10.2	90,170	633,714	13.0	114,923	792,163	12.5	110,503	770,869
2027	908,331	10.2	92,650	637,587	13.0	118,083	797,005	12.5	113,541	775,581
2028	933,310	10.2	95,198	640,618	13.0	121,330	800,794	12.5	116,664	779,268
2029	958,976	10.2	97,816	642,717	13.0	124,667	803,418	12.5	119,872	781,822
2030	985,348	10.2	100,505	643,788	13.0	128,095	804,757	12.5	123,169	783,125
2031	1,012,445	10.2	103,269	643,726	13.0	131,618	804,680	12.5	126,556	783,050
2032	1,040,287	10.2	106,109	642,419	13.0	135,237	803,046	12.5	130,036	781,460

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
2023	\$ 814,923	14.9%	\$121,424	\$ 872,588	15.8%	\$128,758	\$ 926,731	17.0%	\$138,537	\$ 993,595
2024	837,333	14.9	124,763	880,958	15.8	132,299	935,621	17.0	142,347	1,003,126
2025	860,360	14.9	128,194	888,465	15.8	135,937	943,594	17.0	146,261	1,011,674
2026	884,020	14.9	131,719	895,008	15.8	139,675	950,543	17.0	150,283	1,019,124
2027	908,331	14.9	135,341	900,479	15.8	143,516	956,353	17.0	154,416	1,025,353
2028	933,310	14.9	139,063	904,760	15.8	147,463	960,900	17.0	158,663	1,030,228
2029	958,976	14.9	142,887	907,725	15.8	151,518	964,049	17.0	163,026	1,033,604
2030	985,348	14.9	146,817	909,237	15.8	155,685	965,655	17.0	167,509	1,035,326
2031	1,012,445	14.9	150,854	909,150	15.8	159,966	965,562	17.0	172,116	1,035,226
2032	1,040,287	14.9	155,003	907,304	15.8	164,365	963,601	17.0	176,849	1,033,124

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
2023	\$ 814,923	18.6%	\$151,576	\$ 1,081,228	19.3%	\$157,280	\$ 1,114,664	21.6%	\$176,023	\$ 1,235,702
2024	837,333	18.6	155,744	1,091,600	19.3	161,605	1,125,357	21.6	180,864	1,247,556
2025	860,360	18.6	160,027	1,100,902	19.3	166,049	1,134,946	21.6	185,838	1,258,187
2026	884,020	18.6	164,428	1,109,009	19.3	170,616	1,143,304	21.6	190,948	1,267,453
2027	908,331	18.6	168,950	1,115,788	19.3	175,308	1,150,292	21.6	196,199	1,275,200
2028	933,310	18.6	173,596	1,121,093	19.3	180,129	1,155,761	21.6	201,595	1,281,263
2029	958,976	18.6	178,370	1,124,767	19.3	185,082	1,159,549	21.6	207,139	1,285,462
2030	985,348	18.6	183,275	1,126,641	19.3	190,172	1,161,481	21.6	212,835	1,287,604
2031	1,012,445	18.6	188,315	1,126,533	19.3	195,402	1,161,369	21.6	218,688	1,287,480
2032	1,040,287	18.6	193,493	1,124,245	19.3	200,775	1,159,010	21.6	224,702	1,284,865

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.



Newton County - 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	
2023	\$ 814,923	8.3%	\$67,639	\$ 617,839	11.1%	\$90,456	\$ 772,319	10.6%	\$86,382	\$ 751,559
2024	837,333	8.3	69,499	623,766	11.1	92,944	779,728	10.6	88,757	758,768
2025	860,360	8.3	71,410	629,081	11.1	95,500	786,372	10.6	91,198	765,234
2026	884,020	8.3	73,374	633,714	11.1	98,126	792,163	10.6	93,706	770,869
2027	908,331	8.3	75,391	637,587	11.1	100,825	797,005	10.6	96,283	775,581
2028	933,310	8.3	77,465	640,618	11.1	103,597	800,794	10.6	98,931	779,268
2029	958,976	8.3	79,595	642,717	11.1	106,446	803,418	10.6	101,651	781,822
2030	985,348	8.3	81,784	643,788	11.1	109,374	804,757	10.6	104,447	783,125
2031	1,012,445	8.3	84,033	643,726	11.1	112,381	804,680	10.6	107,319	783,050
2032	1,040,287	8.3	86,344	642,419	11.1	115,472	803,046	10.6	110,270	781,460

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	
2023	\$ 814,923	13.0%	\$105,940	\$ 872,588	13.9%	\$113,274	\$ 926,731	15.1%	\$123,053	\$ 993,595
2024	837,333	13.0	108,853	880,958	13.9	116,389	935,621	15.1	126,437	1,003,126
2025	860,360	13.0	111,847	888,465	13.9	119,590	943,594	15.1	129,914	1,011,674
2026	884,020	13.0	114,923	895,008	13.9	122,879	950,543	15.1	133,487	1,019,124
2027	908,331	13.0	118,083	900,479	13.9	126,258	956,353	15.1	137,158	1,025,353
2028	933,310	13.0	121,330	904,760	13.9	129,730	960,900	15.1	140,930	1,030,228
2029	958,976	13.0	124,667	907,725	13.9	133,298	964,049	15.1	144,805	1,033,604
2030	985,348	13.0	128,095	909,237	13.9	136,963	965,655	15.1	148,788	1,035,326
2031	1,012,445	13.0	131,618	909,150	13.9	140,730	965,562	15.1	152,879	1,035,226
2032	1,040,287	13.0	135,237	907,304	13.9	144,600	963,601	15.1	157,083	1,033,124

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	
2023	\$ 814,923	16.7%	\$136,092	\$ 1,081,228	17.4%	\$141,797	\$ 1,114,664	19.7%	\$160,540	\$ 1,235,702
2024	837,333	16.7	139,835	1,091,600	17.4	145,696	1,125,357	19.7	164,955	1,247,556
2025	860,360	16.7	143,680	1,100,902	17.4	149,703	1,134,946	19.7	169,491	1,258,187
2026	884,020	16.7	147,631	1,109,009	17.4	153,819	1,143,304	19.7	174,152	1,267,453
2027	908,331	16.7	151,691	1,115,788	17.4	158,050	1,150,292	19.7	178,941	1,275,200
2028	933,310	16.7	155,863	1,121,093	17.4	162,396	1,155,761	19.7	183,862	1,281,263
2029	958,976	16.7	160,149	1,124,767	17.4	166,862	1,159,549	19.7	188,918	1,285,462
2030	985,348	16.7	164,553	1,126,641	17.4	171,451	1,161,481	19.7	194,114	1,287,604
2031	1,012,445	16.7	169,078	1,126,533	17.4	176,165	1,161,369	19.7	199,452	1,287,480
2032	1,040,287	16.7	173,728	1,124,245	17.4	181,010	1,159,010	19.7	204,937	1,284,865

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.



Newton County - 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	
2023	\$ 814,923	6.4%	\$52,155	\$ 617,839	9.2%	\$74,973	\$ 772,319	8.7%	\$70,898	\$ 751,559
2024	837,333	6.4	53,589	623,766	9.2	77,035	779,728	8.7	72,848	758,768
2025	860,360	6.4	55,063	629,081	9.2	79,153	786,372	8.7	74,851	765,234
2026	884,020	6.4	56,577	633,714	9.2	81,330	792,163	8.7	76,910	770,869
2027	908,331	6.4	58,133	637,587	9.2	83,566	797,005	8.7	79,025	775,581
2028	933,310	6.4	59,732	640,618	9.2	85,865	800,794	8.7	81,198	779,268
2029	958,976	6.4	61,374	642,717	9.2	88,226	803,418	8.7	83,431	781,822
2030	985,348	6.4	63,062	643,788	9.2	90,652	804,757	8.7	85,725	783,125
2031	1,012,445	6.4	64,796	643,726	9.2	93,145	804,680	8.7	88,083	783,050
2032	1,040,287	6.4	66,578	642,419	9.2	95,706	803,046	8.7	90,505	781,460

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	
2023	\$ 814,923	11.1%	\$90,456	\$ 872,588	12.0%	\$97,791	\$ 926,731	13.2%	\$107,570	\$ 993,595
2024	837,333	11.1	92,944	880,958	12.0	100,480	935,621	13.2	110,528	1,003,126
2025	860,360	11.1	95,500	888,465	12.0	103,243	943,594	13.2	113,568	1,011,674
2026	884,020	11.1	98,126	895,008	12.0	106,082	950,543	13.2	116,691	1,019,124
2027	908,331	11.1	100,825	900,479	12.0	109,000	956,353	13.2	119,900	1,025,353
2028	933,310	11.1	103,597	904,760	12.0	111,997	960,900	13.2	123,197	1,030,228
2029	958,976	11.1	106,446	907,725	12.0	115,077	964,049	13.2	126,585	1,033,604
2030	985,348	11.1	109,374	909,237	12.0	118,242	965,655	13.2	130,066	1,035,326
2031	1,012,445	11.1	112,381	909,150	12.0	121,493	965,562	13.2	133,643	1,035,226
2032	1,040,287	11.1	115,472	907,304	12.0	124,834	963,601	13.2	137,318	1,033,124

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	
2023	\$ 814,923	14.8%	\$120,609	\$ 1,081,228	15.5%	\$126,313	\$ 1,114,664	17.8%	\$145,056	\$ 1,235,702
2024	837,333	14.8	123,925	1,091,600	15.5	129,787	1,125,357	17.8	149,045	1,247,556
2025	860,360	14.8	127,333	1,100,902	15.5	133,356	1,134,946	17.8	153,144	1,258,187
2026	884,020	14.8	130,835	1,109,009	15.5	137,023	1,143,304	17.8	157,356	1,267,453
2027	908,331	14.8	134,433	1,115,788	15.5	140,791	1,150,292	17.8	161,683	1,275,200
2028	933,310	14.8	138,130	1,121,093	15.5	144,663	1,155,761	17.8	166,129	1,281,263
2029	958,976	14.8	141,928	1,124,767	15.5	148,641	1,159,549	17.8	170,698	1,285,462
2030	985,348	14.8	145,832	1,126,641	15.5	152,729	1,161,481	17.8	175,392	1,287,604
2031	1,012,445	14.8	149,842	1,126,533	15.5	156,929	1,161,369	17.8	180,215	1,287,480
2032	1,040,287	14.8	153,962	1,124,245	15.5	161,244	1,159,010	17.8	185,171	1,284,865

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.



Newton County - 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	
2023	\$ 814,923	12.1%	\$98,606	\$ 634,936	15.0%	\$122,238	\$ 793,654	14.9%	\$121,424	\$ 823,618
2024	837,333	12.1	101,317	641,027	15.0	125,600	801,267	14.9	124,763	831,519
2025	860,360	12.1	104,104	646,489	15.0	129,054	808,095	14.9	128,194	838,605
2026	884,020	12.1	106,966	651,250	15.0	132,603	814,046	14.9	131,719	844,781
2027	908,331	12.1	109,908	655,231	15.0	136,250	819,022	14.9	135,341	849,945
2028	933,310	12.1	112,931	658,346	15.0	139,997	822,916	14.9	139,063	853,986
2029	958,976	12.1	116,036	660,503	15.0	143,846	825,613	14.9	142,887	856,785
2030	985,348	12.1	119,227	661,603	15.0	147,802	826,989	14.9	146,817	858,213
2031	1,012,445	12.1	122,506	661,539	15.0	151,867	826,909	14.9	150,854	858,130
2032	1,040,287	12.1	125,875	660,196	15.0	156,043	825,230	14.9	155,003	856,387

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	
2023	\$ 814,923	17.1%	\$139,352	\$ 935,174	17.7%	\$144,241	\$ 952,410	19.1%	\$155,650	\$ 1,046,738
2024	837,333	17.1	143,184	944,145	17.7	148,208	961,546	19.1	159,931	1,056,779
2025	860,360	17.1	147,122	952,190	17.7	152,284	969,739	19.1	164,329	1,065,784
2026	884,020	17.1	151,167	959,202	17.7	156,472	976,880	19.1	168,848	1,073,633
2027	908,331	17.1	155,325	965,065	17.7	160,775	982,851	19.1	173,491	1,080,195
2028	933,310	17.1	159,596	969,653	17.7	165,196	987,524	19.1	178,262	1,085,330
2029	958,976	17.1	163,985	972,831	17.7	169,739	990,760	19.1	183,164	1,088,887
2030	985,348	17.1	168,495	974,452	17.7	174,407	992,411	19.1	188,201	1,090,701
2031	1,012,445	17.1	173,128	974,358	17.7	179,203	992,316	19.1	193,377	1,090,596
2032	1,040,287	17.1	177,889	972,379	17.7	184,131	990,301	19.1	198,695	1,088,381

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	
2023	\$ 814,923	20.6%	\$167,874	\$ 1,111,137	21.3%	\$173,579	\$ 1,158,292	23.4%	\$190,692	\$ 1,269,830
2024	837,333	20.6	172,491	1,121,796	21.3	178,352	1,169,403	23.4	195,936	1,282,011
2025	860,360	20.6	177,234	1,131,355	21.3	183,257	1,179,368	23.4	201,324	1,292,935
2026	884,020	20.6	182,108	1,139,687	21.3	188,296	1,188,053	23.4	206,861	1,302,456
2027	908,331	20.6	187,116	1,146,653	21.3	193,475	1,195,315	23.4	212,549	1,310,417
2028	933,310	20.6	192,262	1,152,104	21.3	198,795	1,200,998	23.4	218,395	1,316,647
2029	958,976	20.6	197,549	1,155,880	21.3	204,262	1,204,934	23.4	224,400	1,320,962
2030	985,348	20.6	202,982	1,157,806	21.3	209,879	1,206,942	23.4	230,571	1,323,163
2031	1,012,445	20.6	208,564	1,157,695	21.3	215,651	1,206,826	23.4	236,912	1,323,036
2032	1,040,287	20.6	214,299	1,155,344	21.3	221,581	1,204,375	23.4	243,427	1,320,349

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.



Newton County - 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	
2023	\$ 814,923	10.2%	\$83,122	\$ 634,936	13.1%	\$106,755	\$ 793,654	13.0%	\$105,940	\$ 823,618
2024	837,333	10.2	85,408	641,027	13.1	109,691	801,267	13.0	108,853	831,519
2025	860,360	10.2	87,757	646,489	13.1	112,707	808,095	13.0	111,847	838,605
2026	884,020	10.2	90,170	651,250	13.1	115,807	814,046	13.0	114,923	844,781
2027	908,331	10.2	92,650	655,231	13.1	118,991	819,022	13.0	118,083	849,945
2028	933,310	10.2	95,198	658,346	13.1	122,264	822,916	13.0	121,330	853,986
2029	958,976	10.2	97,816	660,503	13.1	125,626	825,613	13.0	124,667	856,785
2030	985,348	10.2	100,505	661,603	13.1	129,081	826,989	13.0	128,095	858,213
2031	1,012,445	10.2	103,269	661,539	13.1	132,630	826,909	13.0	131,618	858,130
2032	1,040,287	10.2	106,109	660,196	13.1	136,278	825,230	13.0	135,237	856,387

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	
2023	\$ 814,923	15.2%	\$123,868	\$ 935,174	15.8%	\$128,758	\$ 952,410	17.2%	\$140,167	\$ 1,046,738
2024	837,333	15.2	127,275	944,145	15.8	132,299	961,546	17.2	144,021	1,056,779
2025	860,360	15.2	130,775	952,190	15.8	135,937	969,739	17.2	147,982	1,065,784
2026	884,020	15.2	134,371	959,202	15.8	139,675	976,880	17.2	152,051	1,073,633
2027	908,331	15.2	138,066	965,065	15.8	143,516	982,851	17.2	156,233	1,080,195
2028	933,310	15.2	141,863	969,653	15.8	147,463	987,524	17.2	160,529	1,085,330
2029	958,976	15.2	145,764	972,831	15.8	151,518	990,760	17.2	164,944	1,088,887
2030	985,348	15.2	149,773	974,452	15.8	155,685	992,411	17.2	169,480	1,090,701
2031	1,012,445	15.2	153,892	974,358	15.8	159,966	992,316	17.2	174,141	1,090,596
2032	1,040,287	15.2	158,124	972,379	15.8	164,365	990,301	17.2	178,929	1,088,381

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	
2023	\$ 814,923	18.7%	\$152,391	\$ 1,111,137	19.4%	\$158,095	\$ 1,158,292	21.5%	\$175,208	\$ 1,269,830
2024	837,333	18.7	156,581	1,121,796	19.4	162,443	1,169,403	21.5	180,027	1,282,011
2025	860,360	18.7	160,887	1,131,355	19.4	166,910	1,179,368	21.5	184,977	1,292,935
2026	884,020	18.7	165,312	1,139,687	19.4	171,500	1,188,053	21.5	190,064	1,302,456
2027	908,331	18.7	169,858	1,146,653	19.4	176,216	1,195,315	21.5	195,291	1,310,417
2028	933,310	18.7	174,529	1,152,104	19.4	181,062	1,200,998	21.5	200,662	1,316,647
2029	958,976	18.7	179,329	1,155,880	19.4	186,041	1,204,934	21.5	206,180	1,320,962
2030	985,348	18.7	184,260	1,157,806	19.4	191,158	1,206,942	21.5	211,850	1,323,163
2031	1,012,445	18.7	189,327	1,157,695	19.4	196,414	1,206,826	21.5	217,676	1,323,036
2032	1,040,287	18.7	194,534	1,155,344	19.4	201,816	1,204,375	21.5	223,662	1,320,349

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.



Newton County - 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	
2023	\$ 814,923	8.3%	\$67,639	\$ 634,936	11.2%	\$91,271	\$ 793,654	11.1%	\$90,456	\$ 823,618
2024	837,333	8.3	69,499	641,027	11.2	93,781	801,267	11.1	92,944	831,519
2025	860,360	8.3	71,410	646,489	11.2	96,360	808,095	11.1	95,500	838,605
2026	884,020	8.3	73,374	651,250	11.2	99,010	814,046	11.1	98,126	844,781
2027	908,331	8.3	75,391	655,231	11.2	101,733	819,022	11.1	100,825	849,945
2028	933,310	8.3	77,465	658,346	11.2	104,531	822,916	11.1	103,597	853,986
2029	958,976	8.3	79,595	660,503	11.2	107,405	825,613	11.1	106,446	856,785
2030	985,348	8.3	81,784	661,603	11.2	110,359	826,989	11.1	109,374	858,213
2031	1,012,445	8.3	84,033	661,539	11.2	113,394	826,909	11.1	112,381	858,130
2032	1,040,287	8.3	86,344	660,196	11.2	116,512	825,230	11.1	115,472	856,387

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	
2023	\$ 814,923	13.3%	\$108,385	\$ 935,174	13.9%	\$113,274	\$ 952,410	15.3%	\$124,683	\$ 1,046,738
2024	837,333	13.3	111,365	944,145	13.9	116,389	961,546	15.3	128,112	1,056,779
2025	860,360	13.3	114,428	952,190	13.9	119,590	969,739	15.3	131,635	1,065,784
2026	884,020	13.3	117,575	959,202	13.9	122,879	976,880	15.3	135,255	1,073,633
2027	908,331	13.3	120,808	965,065	13.9	126,258	982,851	15.3	138,975	1,080,195
2028	933,310	13.3	124,130	969,653	13.9	129,730	987,524	15.3	142,796	1,085,330
2029	958,976	13.3	127,544	972,831	13.9	133,298	990,760	15.3	146,723	1,088,887
2030	985,348	13.3	131,051	974,452	13.9	136,963	992,411	15.3	150,758	1,090,701
2031	1,012,445	13.3	134,655	974,358	13.9	140,730	992,316	15.3	154,904	1,090,596
2032	1,040,287	13.3	138,358	972,379	13.9	144,600	990,301	15.3	159,164	1,088,381

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	
2023	\$ 814,923	16.8%	\$136,907	\$ 1,111,137	17.5%	\$142,612	\$ 1,158,292	19.6%	\$159,725	\$ 1,269,830
2024	837,333	16.8	140,672	1,121,796	17.5	146,533	1,169,403	19.6	164,117	1,282,011
2025	860,360	16.8	144,540	1,131,355	17.5	150,563	1,179,368	19.6	168,631	1,292,935
2026	884,020	16.8	148,515	1,139,687	17.5	154,704	1,188,053	19.6	173,268	1,302,456
2027	908,331	16.8	152,600	1,146,653	17.5	158,958	1,195,315	19.6	178,033	1,310,417
2028	933,310	16.8	156,796	1,152,104	17.5	163,329	1,200,998	19.6	182,929	1,316,647
2029	958,976	16.8	161,108	1,155,880	17.5	167,821	1,204,934	19.6	187,959	1,320,962
2030	985,348	16.8	165,538	1,157,806	17.5	172,436	1,206,942	19.6	193,128	1,323,163
2031	1,012,445	16.8	170,091	1,157,695	17.5	177,178	1,206,826	19.6	198,439	1,323,036
2032	1,040,287	16.8	174,768	1,155,344	17.5	182,050	1,204,375	19.6	203,896	1,320,349

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.



Newton County - 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	
2023	\$ 814,923	6.4%	\$52,155	\$ 634,936	9.3%	\$75,788	\$ 793,654	9.2%	\$74,973	\$ 823,618
2024	837,333	6.4	53,589	641,027	9.3	77,872	801,267	9.2	77,035	831,519
2025	860,360	6.4	55,063	646,489	9.3	80,013	808,095	9.2	79,153	838,605
2026	884,020	6.4	56,577	651,250	9.3	82,214	814,046	9.2	81,330	844,781
2027	908,331	6.4	58,133	655,231	9.3	84,475	819,022	9.2	83,566	849,945
2028	933,310	6.4	59,732	658,346	9.3	86,798	822,916	9.2	85,865	853,986
2029	958,976	6.4	61,374	660,503	9.3	89,185	825,613	9.2	88,226	856,785
2030	985,348	6.4	63,062	661,603	9.3	91,637	826,989	9.2	90,652	858,213
2031	1,012,445	6.4	64,796	661,539	9.3	94,157	826,909	9.2	93,145	858,130
2032	1,040,287	6.4	66,578	660,196	9.3	96,747	825,230	9.2	95,706	856,387

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	
2023	\$ 814,923	11.4%	\$92,901	\$ 935,174	12.0%	\$97,791	\$ 952,410	13.4%	\$109,200	\$ 1,046,738
2024	837,333	11.4	95,456	944,145	12.0	100,480	961,546	13.4	112,203	1,056,779
2025	860,360	11.4	98,081	952,190	12.0	103,243	969,739	13.4	115,288	1,065,784
2026	884,020	11.4	100,778	959,202	12.0	106,082	976,880	13.4	118,459	1,073,633
2027	908,331	11.4	103,550	965,065	12.0	109,000	982,851	13.4	121,716	1,080,195
2028	933,310	11.4	106,397	969,653	12.0	111,997	987,524	13.4	125,064	1,085,330
2029	958,976	11.4	109,323	972,831	12.0	115,077	990,760	13.4	128,503	1,088,887
2030	985,348	11.4	112,330	974,452	12.0	118,242	992,411	13.4	132,037	1,090,701
2031	1,012,445	11.4	115,419	974,358	12.0	121,493	992,316	13.4	135,668	1,090,596
2032	1,040,287	11.4	118,593	972,379	12.0	124,834	990,301	13.4	139,398	1,088,381

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	
2023	\$ 814,923	14.9%	\$121,424	\$ 1,111,137	15.6%	\$127,128	\$ 1,158,292	17.7%	\$144,241	\$ 1,269,830
2024	837,333	14.9	124,763	1,121,796	15.6	130,624	1,169,403	17.7	148,208	1,282,011
2025	860,360	14.9	128,194	1,131,355	15.6	134,216	1,179,368	17.7	152,284	1,292,935
2026	884,020	14.9	131,719	1,139,687	15.6	137,907	1,188,053	17.7	156,472	1,302,456
2027	908,331	14.9	135,341	1,146,653	15.6	141,700	1,195,315	17.7	160,775	1,310,417
2028	933,310	14.9	139,063	1,152,104	15.6	145,596	1,200,998	17.7	165,196	1,316,647
2029	958,976	14.9	142,887	1,155,880	15.6	149,600	1,204,934	17.7	169,739	1,320,962
2030	985,348	14.9	146,817	1,157,806	15.6	153,714	1,206,942	17.7	174,407	1,323,163
2031	1,012,445	14.9	150,854	1,157,695	15.6	157,941	1,206,826	17.7	179,203	1,323,036
2032	1,040,287	14.9	155,003	1,155,344	15.6	162,285	1,204,375	17.7	184,131	1,320,349

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.



Newton County - 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	
2023	\$ 814,923	12.5%	\$101,865	\$ 657,793	15.5%	\$126,313	\$ 822,225	15.4%	\$125,498	\$ 853,555
2024	837,333	12.5	104,667	664,103	15.5	129,787	830,112	15.4	128,949	861,743
2025	860,360	12.5	107,545	669,762	15.5	133,356	837,186	15.4	132,495	869,086
2026	884,020	12.5	110,503	674,694	15.5	137,023	843,351	15.4	136,139	875,486
2027	908,331	12.5	113,541	678,818	15.5	140,791	848,506	15.4	139,883	880,837
2028	933,310	12.5	116,664	682,045	15.5	144,663	852,540	15.4	143,730	885,025
2029	958,976	12.5	119,872	684,280	15.5	148,641	855,334	15.4	147,682	887,925
2030	985,348	12.5	123,169	685,420	15.5	152,729	856,759	15.4	151,744	889,404
2031	1,012,445	12.5	126,556	685,354	15.5	156,929	856,677	15.4	155,917	889,318
2032	1,040,287	12.5	130,036	683,962	15.5	161,244	854,937	15.4	160,204	887,512

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	
2023	\$ 814,923	17.6%	\$143,426	\$ 969,071	18.4%	\$149,946	\$ 986,670	19.8%	\$161,355	\$ 1,084,544
2024	837,333	17.6	147,371	978,367	18.4	154,069	996,135	19.8	165,792	1,094,948
2025	860,360	17.6	151,423	986,704	18.4	158,306	1,004,623	19.8	170,351	1,104,278
2026	884,020	17.6	155,588	993,970	18.4	162,660	1,012,021	19.8	175,036	1,112,410
2027	908,331	17.6	159,866	1,000,045	18.4	167,133	1,018,207	19.8	179,850	1,119,209
2028	933,310	17.6	164,263	1,004,799	18.4	171,729	1,023,048	19.8	184,795	1,124,530
2029	958,976	17.6	168,780	1,008,092	18.4	176,452	1,026,401	19.8	189,877	1,128,215
2030	985,348	17.6	173,421	1,009,772	18.4	181,304	1,028,111	19.8	195,099	1,130,095
2031	1,012,445	17.6	178,190	1,009,675	18.4	186,290	1,028,012	19.8	200,464	1,129,986
2032	1,040,287	17.6	183,091	1,007,625	18.4	191,413	1,025,924	19.8	205,977	1,127,691

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	
2023	\$ 814,923	21.2%	\$172,764	\$ 1,151,082	22.0%	\$179,283	\$ 1,200,043	24.2%	\$197,211	\$ 1,315,532
2024	837,333	21.2	177,515	1,162,124	22.0	184,213	1,211,555	24.2	202,635	1,328,151
2025	860,360	21.2	182,396	1,172,027	22.0	189,279	1,221,879	24.2	208,207	1,339,468
2026	884,020	21.2	187,412	1,180,658	22.0	194,484	1,230,877	24.2	213,933	1,349,332
2027	908,331	21.2	192,566	1,187,874	22.0	199,833	1,238,400	24.2	219,816	1,357,579
2028	933,310	21.2	197,862	1,193,521	22.0	205,328	1,244,288	24.2	225,861	1,364,033
2029	958,976	21.2	203,303	1,197,432	22.0	210,975	1,248,366	24.2	232,072	1,368,503
2030	985,348	21.2	208,894	1,199,427	22.0	216,777	1,250,446	24.2	238,454	1,370,783
2031	1,012,445	21.2	214,638	1,199,312	22.0	222,738	1,250,326	24.2	245,012	1,370,651
2032	1,040,287	21.2	220,541	1,196,876	22.0	228,863	1,247,787	24.2	251,749	1,367,867

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.



Newton County - 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 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	
2023	\$ 814,923	10.6%	\$86,382	\$ 657,793	13.6%	\$110,830	\$ 822,225	13.5%	\$110,015	\$ 853,555
2024	837,333	10.6	88,757	664,103	13.6	113,877	830,112	13.5	113,040	861,743
2025	860,360	10.6	91,198	669,762	13.6	117,009	837,186	13.5	116,149	869,086
2026	884,020	10.6	93,706	674,694	13.6	120,227	843,351	13.5	119,343	875,486
2027	908,331	10.6	96,283	678,818	13.6	123,533	848,506	13.5	122,625	880,837
2028	933,310	10.6	98,931	682,045	13.6	126,930	852,540	13.5	125,997	885,025
2029	958,976	10.6	101,651	684,280	13.6	130,421	855,334	13.5	129,462	887,925
2030	985,348	10.6	104,447	685,420	13.6	134,007	856,759	13.5	133,022	889,404
2031	1,012,445	10.6	107,319	685,354	13.6	137,693	856,677	13.5	136,680	889,318
2032	1,040,287	10.6	110,270	683,962	13.6	141,479	854,937	13.5	140,439	887,512

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	
2023	\$ 814,923	15.7%	\$127,943	\$ 969,071	16.5%	\$134,462	\$ 986,670	17.9%	\$145,871	\$ 1,084,544
2024	837,333	15.7	131,461	978,367	16.5	138,160	996,135	17.9	149,883	1,094,948
2025	860,360	15.7	135,077	986,704	16.5	141,959	1,004,623	17.9	154,004	1,104,278
2026	884,020	15.7	138,791	993,970	16.5	145,863	1,012,021	17.9	158,240	1,112,410
2027	908,331	15.7	142,608	1,000,045	16.5	149,875	1,018,207	17.9	162,591	1,119,209
2028	933,310	15.7	146,530	1,004,799	16.5	153,996	1,023,048	17.9	167,062	1,124,530
2029	958,976	15.7	150,559	1,008,092	16.5	158,231	1,026,401	17.9	171,657	1,128,215
2030	985,348	15.7	154,700	1,009,772	16.5	162,582	1,028,111	17.9	176,377	1,130,095
2031	1,012,445	15.7	158,954	1,009,675	16.5	167,053	1,028,012	17.9	181,228	1,129,986
2032	1,040,287	15.7	163,325	1,007,625	16.5	171,647	1,025,924	17.9	186,211	1,127,691

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	
2023	\$ 814,923	19.3%	\$157,280	\$ 1,151,082	20.1%	\$163,800	\$ 1,200,043	22.3%	\$181,728	\$ 1,315,532
2024	837,333	19.3	161,605	1,162,124	20.1	168,304	1,211,555	22.3	186,725	1,328,151
2025	860,360	19.3	166,049	1,172,027	20.1	172,932	1,221,879	22.3	191,860	1,339,468
2026	884,020	19.3	170,616	1,180,658	20.1	177,688	1,230,877	22.3	197,136	1,349,332
2027	908,331	19.3	175,308	1,187,874	20.1	182,575	1,238,400	22.3	202,558	1,357,579
2028	933,310	19.3	180,129	1,193,521	20.1	187,595	1,244,288	22.3	208,128	1,364,033
2029	958,976	19.3	185,082	1,197,432	20.1	192,754	1,248,366	22.3	213,852	1,368,503
2030	985,348	19.3	190,172	1,199,427	20.1	198,055	1,250,446	22.3	219,733	1,370,783
2031	1,012,445	19.3	195,402	1,199,312	20.1	203,501	1,250,326	22.3	225,775	1,370,651
2032	1,040,287	19.3	200,775	1,196,876	20.1	209,098	1,247,787	22.3	231,984	1,367,867

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.



Newton County - 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	
2023	\$ 814,923	8.7%	\$70,898	\$ 657,793	11.7%	\$95,346	\$ 822,225	11.6%	\$94,531	\$ 853,555
2024	837,333	8.7	72,848	664,103	11.7	97,968	830,112	11.6	97,131	861,743
2025	860,360	8.7	74,851	669,762	11.7	100,662	837,186	11.6	99,802	869,086
2026	884,020	8.7	76,910	674,694	11.7	103,430	843,351	11.6	102,546	875,486
2027	908,331	8.7	79,025	678,818	11.7	106,275	848,506	11.6	105,366	880,837
2028	933,310	8.7	81,198	682,045	11.7	109,197	852,540	11.6	108,264	885,025
2029	958,976	8.7	83,431	684,280	11.7	112,200	855,334	11.6	111,241	887,925
2030	985,348	8.7	85,725	685,420	11.7	115,286	856,759	11.6	114,300	889,404
2031	1,012,445	8.7	88,083	685,354	11.7	118,456	856,677	11.6	117,444	889,318
2032	1,040,287	8.7	90,505	683,962	11.7	121,714	854,937	11.6	120,673	887,512

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	
2023	\$ 814,923	13.8%	\$112,459	\$ 969,071	14.6%	\$118,979	\$ 986,670	16.0%	\$130,388	\$ 1,084,544
2024	837,333	13.8	115,552	978,367	14.6	122,251	996,135	16.0	133,973	1,094,948
2025	860,360	13.8	118,730	986,704	14.6	125,613	1,004,623	16.0	137,658	1,104,278
2026	884,020	13.8	121,995	993,970	14.6	129,067	1,012,021	16.0	141,443	1,112,410
2027	908,331	13.8	125,350	1,000,045	14.6	132,616	1,018,207	16.0	145,333	1,119,209
2028	933,310	13.8	128,797	1,004,799	14.6	136,263	1,023,048	16.0	149,330	1,124,530
2029	958,976	13.8	132,339	1,008,092	14.6	140,010	1,026,401	16.0	153,436	1,128,215
2030	985,348	13.8	135,978	1,009,772	14.6	143,861	1,028,111	16.0	157,656	1,130,095
2031	1,012,445	13.8	139,717	1,009,675	14.6	147,817	1,028,012	16.0	161,991	1,129,986
2032	1,040,287	13.8	143,560	1,007,625	14.6	151,882	1,025,924	16.0	166,446	1,127,691

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	
2023	\$ 814,923	17.4%	\$141,797	\$ 1,151,082	18.2%	\$148,316	\$ 1,200,043	20.4%	\$166,244	\$ 1,315,532
2024	837,333	17.4	145,696	1,162,124	18.2	152,395	1,211,555	20.4	170,816	1,328,151
2025	860,360	17.4	149,703	1,172,027	18.2	156,586	1,221,879	20.4	175,513	1,339,468
2026	884,020	17.4	153,819	1,180,658	18.2	160,892	1,230,877	20.4	180,340	1,349,332
2027	908,331	17.4	158,050	1,187,874	18.2	165,316	1,238,400	20.4	185,300	1,357,579
2028	933,310	17.4	162,396	1,193,521	18.2	169,862	1,244,288	20.4	190,395	1,364,033
2029	958,976	17.4	166,862	1,197,432	18.2	174,534	1,248,366	20.4	195,631	1,368,503
2030	985,348	17.4	171,451	1,199,427	18.2	179,333	1,250,446	20.4	201,011	1,370,783
2031	1,012,445	17.4	176,165	1,199,312	18.2	184,265	1,250,326	20.4	206,539	1,370,651
2032	1,040,287	17.4	181,010	1,196,876	18.2	189,332	1,247,787	20.4	212,219	1,367,867

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.



Newton County - 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	
2023	\$ 814,923	6.8%	\$55,415	\$ 657,793	9.8%	\$79,862	\$ 822,225	9.7%	\$79,048	\$ 853,555
2024	837,333	6.8	56,939	664,103	9.8	82,059	830,112	9.7	81,221	861,743
2025	860,360	6.8	58,504	669,762	9.8	84,315	837,186	9.7	83,455	869,086
2026	884,020	6.8	60,113	674,694	9.8	86,634	843,351	9.7	85,750	875,486
2027	908,331	6.8	61,767	678,818	9.8	89,016	848,506	9.7	88,108	880,837
2028	933,310	6.8	63,465	682,045	9.8	91,464	852,540	9.7	90,531	885,025
2029	958,976	6.8	65,210	684,280	9.8	93,980	855,334	9.7	93,021	887,925
2030	985,348	6.8	67,004	685,420	9.8	96,564	856,759	9.7	95,579	889,404
2031	1,012,445	6.8	68,846	685,354	9.8	99,220	856,677	9.7	98,207	889,318
2032	1,040,287	6.8	70,740	683,962	9.8	101,948	854,937	9.7	100,908	887,512

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	
2023	\$ 814,923	11.9%	\$96,976	\$ 969,071	12.7%	\$103,495	\$ 986,670	14.1%	\$114,904	\$ 1,084,544
2024	837,333	11.9	99,643	978,367	12.7	106,341	996,135	14.1	118,064	1,094,948
2025	860,360	11.9	102,383	986,704	12.7	109,266	1,004,623	14.1	121,311	1,104,278
2026	884,020	11.9	105,198	993,970	12.7	112,271	1,012,021	14.1	124,647	1,112,410
2027	908,331	11.9	108,091	1,000,045	12.7	115,358	1,018,207	14.1	128,075	1,119,209
2028	933,310	11.9	111,064	1,004,799	12.7	118,530	1,023,048	14.1	131,597	1,124,530
2029	958,976	11.9	114,118	1,008,092	12.7	121,790	1,026,401	14.1	135,216	1,128,215
2030	985,348	11.9	117,256	1,009,772	12.7	125,139	1,028,111	14.1	138,934	1,130,095
2031	1,012,445	11.9	120,481	1,009,675	12.7	128,581	1,028,012	14.1	142,755	1,129,986
2032	1,040,287	11.9	123,794	1,007,625	12.7	132,116	1,025,924	14.1	146,680	1,127,691

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	
2023	\$ 814,923	15.5%	\$126,313	\$ 1,151,082	16.3%	\$132,832	\$ 1,200,043	18.5%	\$150,761	\$ 1,315,532
2024	837,333	15.5	129,787	1,162,124	16.3	136,485	1,211,555	18.5	154,907	1,328,151
2025	860,360	15.5	133,356	1,172,027	16.3	140,239	1,221,879	18.5	159,167	1,339,468
2026	884,020	15.5	137,023	1,180,658	16.3	144,095	1,230,877	18.5	163,544	1,349,332
2027	908,331	15.5	140,791	1,187,874	16.3	148,058	1,238,400	18.5	168,041	1,357,579
2028	933,310	15.5	144,663	1,193,521	16.3	152,130	1,244,288	18.5	172,662	1,364,033
2029	958,976	15.5	148,641	1,197,432	16.3	156,313	1,248,366	18.5	177,411	1,368,503
2030	985,348	15.5	152,729	1,199,427	16.3	160,612	1,250,446	18.5	182,289	1,370,783
2031	1,012,445	15.5	156,929	1,199,312	16.3	165,029	1,250,326	18.5	187,302	1,370,651
2032	1,040,287	15.5	161,244	1,196,876	16.3	169,567	1,247,787	18.5	192,453	1,367,867

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.

