



The Initial Valuation For

Platte County Board of Services for the Developmentally Disabled

as of January 31, 2021



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March 15, 2021

Platte County Board of Services for the Developmentally Disabled
Kansas City, Missouri

Ladies and Gentlemen:

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

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

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

The contribution requirement to pay for benefits likely to result from service rendered by your employees before you join LAGERS is described on pages 4 thru 7 as the prior service cost rate. The value established for prior service is called the unfunded actuarial accrued liability (these amounts are further described in Appendix I). The prior service cost rate is the rate of contribution designed to pay for the unfunded actuarial accrued liability over a period of not more than 30 years.

Section 70.730 of the Revised Statutes of Missouri requires participating employers to contribute the normal cost rate, casualty rate, and prior service cost rate (the total employer contribution rate as shown on pages 4 thru 7). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 8 and 9 represent the dollar cost of each benefit program for a one year period based on the payroll reported for this actuarial valuation. In budgeting amounts for LAGERS contributions you should consider any changes in payroll which have been made since data was submitted for the valuation and any changes anticipated to be made before the end of the period for which you are preparing the budget.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of this report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 29, 2020.

The computed contributions required for LAGERS participation will permit the System to continue to operate in accordance with the actuarial principles of level cost financing and the State law which governs LAGERS. This valuation assumed the ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our expertise and not performed. Summary provisions of the law as well as benefit illustrations can be found in Appendices III and IV.

Projections needed to comply with Missouri State disclosure requirements (Section 105.665 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision are available upon request from LAGERS.

Please note that this entire report must be available as public information for at least 45 calendar days prior to the date final official action is taken by your governing body to join the System. You may wish to make notice of this report in the official minutes of the next meeting of your governing body. This action would not be binding on your subdivision, yet would establish the beginning date of the 45 day waiting period.

In accordance with LAGERS Board policy, the employer contribution rates established by this valuation report are valid for purposes of joining the System for a two year period from the date of this valuation which was January 31, 2021. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

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

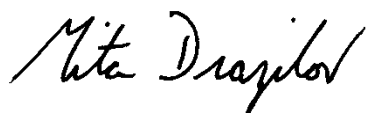
If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

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

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

The signing actuary is independent of the plan sponsor.

Respectfully submitted,



Mita D. Drazilov, ASA, FCA, MAAA



Alternate Plan Provisions Affecting Employer Contribution Rates

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

Member Contribution Rate - 0% Plan. Under the 0% plan, there is no individual employee contribution to the plan, no individual account maintained for each employee, and no refund paid to employees who terminate before being eligible for a benefit.

Member Contribution Rate - 2%, 4% or 6% Plan. Under any plan other than 0%, each covered member contributes a percentage of compensation to LAGERS. If an employee terminates before being eligible for an immediate benefit, the member's contributions, plus any interest credited to the member's individual account, are refunded upon request.

The law further provides for nine different benefit programs (benefit formula factors) and allows an employer to elect "rule of 80" eligibility for benefits. Under the rule of 80, employees are eligible for unreduced benefits at the earlier of (i) attainment of their minimum service retirement age or (ii) such time as their years of age plus years of LAGERS credited service equals 80.

In total this allows for 144 different combinations of benefit plans, giving employers considerable latitude in designing the retirement program which they feel best suits their particular situation.

The applicable combinations of these items may be changed from time to time, however, there are limitations on the frequency of changes. A more detailed description of plan provisions may be found in Appendix III of this report.

Platte County Board of Services for the Developmentally Disabled

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%	6.40%	13.60%	11.70%	9.80%	7.90%
L-3	General	8.50	0.30	8.00	16.80	14.90	13.00	11.10
LT-4(65)	General	7.70	0.20	7.00	14.90	13.00	11.10	9.20
LT-5(65)	General	9.00	0.30	8.50	17.80	15.90	14.00	12.10
L-7	General	10.10	0.30	9.60	20.00	18.10	16.20	14.30
LT-8(65)	General	10.40	0.30	9.90	20.60	18.70	16.80	14.90
L-12	General	11.60	0.40	11.20	23.20	21.30	19.40	17.50
LT-14(65)	General	11.80	0.40	11.40	23.60	21.70	19.80	17.90
L-6	General	13.10	0.50	12.80	26.40	24.50	22.60	20.70

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

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

Platte County Board of Services for the Developmentally Disabled

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%	6.60%	14.00%	12.10%	10.20%	8.30%
L-3	General	8.80	0.30	8.30	17.40	15.50	13.60	11.70
LT-4(65)	General	7.90	0.20	7.30	15.40	13.50	11.60	9.70
LT-5(65)	General	9.30	0.30	8.80	18.40	16.50	14.60	12.70
L-7	General	10.40	0.30	9.90	20.60	18.70	16.80	14.90
LT-8(65)	General	10.70	0.30	10.20	21.20	19.30	17.40	15.50
L-12	General	12.00	0.40	11.60	24.00	22.10	20.20	18.30
LT-14(65)	General	12.10	0.40	11.70	24.20	22.30	20.40	18.50
L-6	General	13.50	0.50	13.20	27.20	25.30	23.40	21.50

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

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

Platte County Board of Services for the Developmentally Disabled

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	7.30%	0.20%	6.90%	14.40%	12.50%	10.60%	8.70%
L-3	General	8.80	0.30	8.70	17.80	15.90	14.00	12.10
LT-4(65)	General	8.20	0.20	8.20	16.60	14.70	12.80	10.90
LT-5(65)	General	9.60	0.30	9.60	19.50	17.60	15.70	13.80
L-7	General	10.40	0.30	10.40	21.10	19.20	17.30	15.40
LT-8(65)	General	10.90	0.30	11.00	22.20	20.30	18.40	16.50
L-12	General	12.00	0.40	12.10	24.50	22.60	20.70	18.80
LT-14(65)	General	12.30	0.40	12.40	25.10	23.20	21.30	19.40
L-6	General	13.60	0.50	13.90	28.00	26.10	24.20	22.30

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

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

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

Platte County Board of Services for the Developmentally Disabled

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	7.50%	0.20%	7.20%	14.90%	13.00%	11.10%	9.20%
L-3	General	9.10	0.30	9.00	18.40	16.50	14.60	12.70
LT-4(65)	General	8.50	0.20	8.50	17.20	15.30	13.40	11.50
LT-5(65)	General	9.90	0.30	10.00	20.20	18.30	16.40	14.50
L-7	General	10.80	0.30	10.70	21.80	19.90	18.00	16.10
LT-8(65)	General	11.30	0.30	11.40	23.00	21.10	19.20	17.30
L-12	General	12.40	0.40	12.50	25.30	23.40	21.50	19.60
LT-14(65)	General	12.70	0.40	12.90	26.00	24.10	22.20	20.30
L-6	General	14.10	0.50	14.30	28.90	27.00	25.10	23.20

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

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

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

Platte County Board of Services for the Developmentally Disabled

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	\$ 555,915	\$ 478,250	\$ 400,586	\$ 322,921
L-3	686,718	609,054	531,389	453,724
LT-4(65)	609,054	531,389	453,724	376,060
LT-5(65)	727,594	649,930	572,265	494,601
L-7	817,522	739,857	662,192	584,528
LT-8(65)	842,047	764,383	686,718	609,054
L-12	948,325	870,661	792,996	715,331
LT-14(65)	964,675	887,011	809,346	731,682
L-6	1,079,129	1,001,464	923,799	846,135

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 572,265	\$ 494,601	\$ 416,936	\$ 339,271
L-3	711,244	633,579	555,915	478,250
LT-4(65)	629,492	551,827	474,163	396,498
LT-5(65)	752,120	674,455	596,791	519,126
L-7	842,047	764,383	686,718	609,054
LT-8(65)	866,573	788,908	711,244	633,579
L-12	981,026	903,361	825,697	748,032
LT-14(65)	989,201	911,537	833,872	756,207
L-6	1,111,829	1,034,165	956,500	878,836

Rule of 80 Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 588,616	\$ 510,951	\$ 433,286	\$ 355,622
L-3	727,594	649,930	572,265	494,601
LT-4(65)	678,543	600,878	523,214	445,549
LT-5(65)	797,084	719,419	641,754	564,090
L-7	862,485	784,821	707,156	629,492
LT-8(65)	907,449	829,784	752,120	674,455
L-12	1,001,464	923,799	846,135	768,470
LT-14(65)	1,025,990	948,325	870,661	792,996
L-6	1,144,530	1,066,866	989,201	911,537

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 609,054	\$ 531,389	\$ 453,724	\$ 376,060
L-3	752,120	674,455	596,791	519,126
LT-4(65)	703,069	625,404	547,739	470,075
LT-5(65)	825,697	748,032	670,368	592,703
L-7	891,099	813,434	735,769	658,105
LT-8(65)	940,150	862,485	784,821	707,156
L-12	1,034,165	956,500	878,836	801,171
LT-14(65)	1,062,778	985,114	907,449	829,784
L-6	1,181,319	1,103,654	1,025,990	948,325

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.

Platte County Board of Services for the Developmentally Disabled

Employees and Payroll Included in the Valuation

	General
Number of Employees	78
Annual Payroll	\$ 4,087,608

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:

Platte County Board of Services for the Developmentally Disabled

Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 4,608,767	\$ 4,764,492
L-3	General	5,760,940	5,955,737
LT-4(65)	General	5,057,770	5,229,253
LT-5(65)	General	6,097,693	6,304,286
L-7	General	6,913,114	7,146,775
LT-8(65)	General	7,137,691	7,379,172
L-12	General	8,065,215	8,337,906
LT-14(65)	General	8,177,475	8,454,123
L-6	General	9,217,378	9,528,912

Platte County Board of Services for the Developmentally Disabled

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	\$ 4,988,072	\$ 5,159,877
L-3	General	6,235,087	6,449,903
LT-4(65)	General	5,920,931	6,126,227
LT-5(65)	General	6,934,742	7,174,678
L-7	General	7,482,107	7,739,721
LT-8(65)	General	7,948,608	8,222,895
L-12	General	8,729,049	9,029,751
LT-14(65)	General	8,962,270	9,271,325
L-6	General	9,976,167	10,319,675

APPENDIX II

SUMMARY OF FINANCIAL ASSUMPTIONS

Summary of Assumptions Used in Actuarial Valuations

Assumptions Adopted by Board of Trustees After Consulting With Actuary

1. The investment return rate used in making the valuations was 7.25% per year, net of investment expenses, compounded annually. This rate of return is not the assumed real rate of return. The real rate of return is the rate of investment return in excess of the inflation rate. The price inflation rate used in making the valuations was 2.50% and the wage inflation rate used in making the valuations was 3.25%. The 7.25% investment return rate translates to an assumed real rate of return over price inflation of 4.75% and over wage inflation of 4.00%. Adopted 2011 and 2016.
2. The healthy retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The disabled retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were the RP-2014 disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The pre-retirement mortality tables used were the RP-2014 employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. For both the post-retirement and pre-retirement tables, the base year for males was then established to be 2017. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to the above described tables. Adopted 2016.
3. The probabilities of withdrawal and disability from service, together with individual pay increase assumptions, are shown in Schedule 1. Adopted 2016.
4. The probabilities of retirement with an age and service allowance are shown in Schedule 2. Adopted 2016.
5. Post-retirement cost of living allowances are assumed to be 2.50% per year. Adopted 2016.
6. Total active member payroll is assumed to increase 3.25% a year, which is the portion of the individual pay increase assumptions attributable to wage inflation. In effect, this assumes no change in the number of active members per employer. Adopted 2016.
7. An individual entry-age actuarial cost method of valuation was used in determining age and service allowance actuarial liabilities and normal cost. Adopted 1986.
8. The data about persons now covered was furnished by the political subdivision. Although examined for general reasonableness, the data was not audited by us.
9. This report was prepared using our proprietary valuation model and related software which in our professional judgment has the capability to provide results that are consistent with the purposes of the valuation. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

Schedule 1.

Separations From Active Employment (Not Including Death-in-Service) Before Age & Service Retirement and Individual Pay Increase Assumptions

		Percent of Active Members Separating Within Next Year							
Sample Ages	Years of Service	General Members				Police/Public Safety		Fire	
		Men		Women		Disability	Withdrawal	Disability	Withdrawal
All	0		19.00%		22.00%		18.00%		10.00%
	1		17.00		20.00		17.00		8.00
	2		15.00		17.00		16.00		7.00
	3		13.00		14.00		13.00		6.00
	4		11.00		13.00		12.00		6.00
25	5 & Over	0.09%	7.30	0.02%	10.80	0.10%	9.80	0.06%	5.00
30		0.12	6.50	0.03	8.90	0.11	7.80	0.10	4.00
35		0.15	5.00	0.06	7.40	0.16	6.10	0.23	2.80
40		0.21	3.70	0.10	5.70	0.22	4.40	0.35	2.20
45		0.30	3.00	0.16	4.20	0.34	3.20	0.56	1.80
50		0.44	2.40	0.24	3.30	0.53	1.80	0.85	1.00
55		0.68	1.80	0.34	2.50	0.88	1.00	1.31	0.50
60		1.02	1.00	0.48	1.20		0.00		0.00
65			0.00		0.00		0.00		0.00

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

Schedule 2.

Percent of Eligible Active Members Retiring Within Next Year Without Rule of 80 Eligibility

Early Retirement

Retirement Ages	General Members		Retirement Ages	Police/ Public Safety	Fire
	Men	Women			
55	3.00%	3.00%	50	2.50%	2.50%
56	3.00%	3.00%	51	2.50%	2.50%
57	3.00%	3.00%	52	2.50%	2.50%
58	3.00%	3.00%	53	2.50%	2.50%
59	3.00%	3.00%	54	2.50%	2.50%

Normal Retirement

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

Schedule 2. (Concluded)

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

Retirement Ages	General Members		Police/ Public Safety	Fire
	Men	Women		
50	15%	15%	25%	25%
51	15	15	25	20
52	15	15	15	20
53	15	15	15	20
54	15	15	15	20
55	15	15	15	20
56	15	15	15	20
57	15	15	15	25
58	15	15	15	25
59	15	15	15	25
60	15	15	15	35
61	15	15	25	35
62	30	15	30	45
63	30	15	30	45
64	30	20	30	45
65	30	25	100	100
66	30	25		
67	30	25		
68	30	25		
69	30	25		
70	100	100		

APPENDIX III

SUMMARY OF LAGERS PROVISIONS

Missouri Local Government Employees Retirement System

Brief Summary of LAGERS

Benefits and Conditions Evaluated and/or Considered as of February 29, 2020

(Section references are to RSMo)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX IV

BENEFIT ILLUSTRATIONS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 948	\$1,473	98%
2,000	700	1,095	1,795	90%
2,500	875	1,242	2,117	85%
3,000	1,050	1,388	2,438	81%
3,500	1,225	1,535	2,760	79%
4,000	1,400	1,682	3,082	77%
25 Years of Service:				
\$1,500	\$ 375	\$ 948	\$1,323	88%
2,000	500	1,095	1,595	80%
2,500	625	1,242	1,867	75%
3,000	750	1,388	2,138	71%
3,500	875	1,535	2,410	69%
4,000	1,000	1,682	2,682	67%
15 Years of Service:				
\$1,500	\$225	\$ 948	\$1,173	78%
2,000	300	1,095	1,395	70%
2,500	375	1,242	1,617	65%
3,000	450	1,388	1,838	61%
3,500	525	1,535	2,060	59%
4,000	600	1,682	2,282	57%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 656	\$ 948	\$1,604	107%
2,000	875	1,095	1,970	99%
2,500	1,094	1,242	2,336	93%
3,000	1,313	1,388	2,701	90%
3,500	1,531	1,535	3,066	88%
4,000	1,750	1,682	3,432	86%
25 Years of Service:				
\$1,500	\$ 469	\$ 948	\$1,417	94%
2,000	625	1,095	1,720	86%
2,500	781	1,242	2,023	81%
3,000	938	1,388	2,326	78%
3,500	1,094	1,535	2,629	75%
4,000	1,250	1,682	2,932	73%
15 Years of Service:				
\$1,500	\$281	\$ 948	\$1,229	82%
2,000	375	1,095	1,470	74%
2,500	469	1,242	1,711	68%
3,000	563	1,388	1,951	65%
3,500	656	1,535	2,191	63%
4,000	750	1,682	2,432	61%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

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

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 948	\$1,867	124%
2,000	1,225	1,095	2,320	116%
2,500	1,531	1,242	2,773	111%
3,000	1,838	1,388	3,226	108%
3,500	2,144	1,535	3,679	105%
4,000	2,450	1,682	4,132	103%
25 Years of Service:				
\$1,500	\$ 656	\$ 948	\$1,604	107%
2,000	875	1,095	1,970	99%
2,500	1,094	1,242	2,336	93%
3,000	1,313	1,388	2,701	90%
3,500	1,531	1,535	3,066	88%
4,000	1,750	1,682	3,432	86%
15 Years of Service:				
\$1,500	\$ 394	\$ 948	\$1,342	89%
2,000	525	1,095	1,620	81%
2,500	656	1,242	1,898	76%
3,000	788	1,388	2,176	73%
3,500	919	1,535	2,454	70%
4,000	1,050	1,682	2,732	68%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 948	\$1,998	133%
2,000	1,400	1,095	2,495	125%
2,500	1,750	1,242	2,992	120%
3,000	2,100	1,388	3,488	116%
3,500	2,450	1,535	3,985	114%
4,000	2,800	1,682	4,482	112%
25 Years of Service:				
\$1,500	\$ 750	\$ 948	\$1,698	113%
2,000	1,000	1,095	2,095	105%
2,500	1,250	1,242	2,492	100%
3,000	1,500	1,388	2,888	96%
3,500	1,750	1,535	3,285	94%
4,000	2,000	1,682	3,682	92%
15 Years of Service:				
\$1,500	\$ 450	\$ 948	\$1,398	93%
2,000	600	1,095	1,695	85%
2,500	750	1,242	1,992	80%
3,000	900	1,388	2,288	76%
3,500	1,050	1,535	2,585	74%
4,000	1,200	1,682	2,882	72%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 525	\$ 948	\$1,050	\$1,473	70%	98%
2,000	1,400	700	1,095	1,400	1,795	70%	90%
2,500	1,750	875	1,242	1,750	2,117	70%	85%
3,000	2,100	1,050	1,388	2,100	2,438	70%	81%
3,500	2,450	1,225	1,535	2,450	2,760	70%	79%
4,000	2,800	1,400	1,682	2,800	3,082	70%	77%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 948	\$ 750	\$1,323	50%	88%
2,000	1,000	500	1,095	1,000	1,595	50%	80%
2,500	1,250	625	1,242	1,250	1,867	50%	75%
3,000	1,500	750	1,388	1,500	2,138	50%	71%
3,500	1,750	875	1,535	1,750	2,410	50%	69%
4,000	2,000	1,000	1,682	2,000	2,682	50%	67%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 948	\$ 450	\$1,173	30%	78%
2,000	600	300	1,095	600	1,395	30%	70%
2,500	750	375	1,242	750	1,617	30%	65%
3,000	900	450	1,388	900	1,838	30%	61%
3,500	1,050	525	1,535	1,050	2,060	30%	59%
4,000	1,200	600	1,682	1,200	2,282	30%	57%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

Missouri LAGERS

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 656	\$ 948	\$1,050	\$1,604	70%	107%
2,000	1,400	875	1,095	1,400	1,970	70%	99%
2,500	1,750	1,094	1,242	1,750	2,336	70%	93%
3,000	2,100	1,313	1,388	2,100	2,701	70%	90%
3,500	2,450	1,531	1,535	2,450	3,066	70%	88%
4,000	2,800	1,750	1,682	2,800	3,432	70%	86%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 948	\$ 750	\$1,417	50%	94%
2,000	1,000	625	1,095	1,000	1,720	50%	86%
2,500	1,250	781	1,242	1,250	2,023	50%	81%
3,000	1,500	938	1,388	1,500	2,326	50%	78%
3,500	1,750	1,094	1,535	1,750	2,629	50%	75%
4,000	2,000	1,250	1,682	2,000	2,932	50%	73%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 948	\$ 450	\$1,229	30%	82%
2,000	600	375	1,095	600	1,470	30%	74%
2,500	750	469	1,242	750	1,711	30%	68%
3,000	900	563	1,388	900	1,951	30%	65%
3,500	1,050	656	1,535	1,050	2,191	30%	63%
4,000	1,200	750	1,682	1,200	2,432	30%	61%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

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

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 919	\$ 948	\$1,050	\$1,867	70%	124%
2,000	1,400	1,225	1,095	1,400	2,320	70%	116%
2,500	1,750	1,531	1,242	1,750	2,773	70%	111%
3,000	2,100	1,838	1,388	2,100	3,226	70%	108%
3,500	2,450	2,144	1,535	2,450	3,679	70%	105%
4,000	2,800	2,450	1,682	2,800	4,132	70%	103%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 948	\$ 750	\$1,604	50%	107%
2,000	1,000	875	1,095	1,000	1,970	50%	99%
2,500	1,250	1,094	1,242	1,250	2,336	50%	93%
3,000	1,500	1,313	1,388	1,500	2,701	50%	90%
3,500	1,750	1,531	1,535	1,750	3,066	50%	88%
4,000	2,000	1,750	1,682	2,000	3,432	50%	86%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 948	\$ 450	\$1,342	30%	89%
2,000	600	525	1,095	600	1,620	30%	81%
2,500	750	656	1,242	750	1,898	30%	76%
3,000	900	788	1,388	900	2,176	30%	73%
3,500	1,050	919	1,535	1,050	2,454	30%	70%
4,000	1,200	1,050	1,682	1,200	2,732	30%	68%

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

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2020 - it does not include any amounts which might be payable to an eligible spouse or children.

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

APPENDIX V

AGE AND SERVICE CHARACTERISTICS OF EMPLOYEES

Platte County Board of Services for the Developmentally Disabled - General

January 31, 2021

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24	2							2	\$ 59,707
25-29	4							4	\$ 147,060
30-34	3	2						5	\$ 212,884
35-39	4	2						6	\$ 185,897
40-44	6		2	2	2			12	\$ 562,221
45-49	2	1	2					5	\$ 243,527
50-54	6		2	2	1	2		13	\$ 1,005,001
55-59	7	5	4	1	2			19	\$ 948,854
60-64	1	1	2	1	1	1		7	\$ 415,165
65-69	1	2			1			4	\$ 244,670
70 & Over				1				1	\$ 62,622
Totals	36	13	12	7	7	3		78	\$ 4,087,608

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

Age: 48.8 years.

Benefit Service: 8.9 years.

Annual Pay: \$52,405.

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.



March 15, 2021 E-mail

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

Dear Bob:

Enclosed is the report of the January 31, 2021 Initial Actuarial Valuation of LAGERS benefits for the employees of

Platte County Board of Services for the Developmentally Disabled

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



March 15, 2021

Platte County Board of Services for the Developmentally Disabled
Kansas City, Missouri

Ladies and Gentlemen:

This report contains projections needed to comply with Missouri state disclosure requirements (Section 105.660 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision. This report is intended to be a supplement to the January 31, 2021 Initial Valuation for the Platte County Board of Services for the Developmentally Disabled dated March 15, 2021.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of the Initial Valuation Report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 29, 2020. The unfunded actuarial accrued liability shown for each member contribution rate option is based on the 0% member contribution rate plan.

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

Respectfully submitted,

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

Mita D. Drazilov, ASA, FCA, MAAA

Platte County Board of Services for the Developmentally Disabled - 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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	13.6%	\$555,915	\$ 4,608,767	16.8%	\$686,718	\$ 5,760,940	14.9%	\$609,054	\$ 5,057,770
2022	4,220,455	13.6	573,982	4,671,906	16.8	709,036	5,839,864	14.9	628,848	5,127,061
2023	4,357,620	13.6	592,636	4,730,816	16.8	732,080	5,913,501	14.9	649,285	5,191,710
2024	4,499,243	13.6	611,897	4,784,903	16.8	755,873	5,981,110	14.9	670,387	5,251,066
2025	4,645,468	13.6	631,784	4,833,522	16.8	780,439	6,041,884	14.9	692,175	5,304,422
2026	4,796,446	13.6	652,317	4,875,972	16.8	805,803	6,094,946	14.9	714,670	5,351,007
2027	4,952,330	13.6	673,517	4,911,490	16.8	831,991	6,139,344	14.9	737,897	5,389,986
2028	5,113,281	13.6	695,406	4,939,248	16.8	859,031	6,174,042	14.9	761,879	5,420,448
2029	5,279,463	13.6	718,007	4,958,348	16.8	886,950	6,197,917	14.9	786,640	5,441,409
2030	5,451,046	13.6	741,342	4,967,816	16.8	915,776	6,209,752	14.9	812,206	5,451,799

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	17.8%	\$727,594	\$ 6,097,693	20.0%	\$817,522	\$ 6,913,114	20.6%	\$842,047	\$ 7,137,691
2022	4,220,455	17.8	751,241	6,181,230	20.0	844,091	7,007,823	20.6	869,414	7,235,476
2023	4,357,620	17.8	775,656	6,259,171	20.0	871,524	7,096,187	20.6	897,670	7,326,711
2024	4,499,243	17.8	800,865	6,330,732	20.0	899,849	7,177,317	20.6	926,844	7,410,477
2025	4,645,468	17.8	826,893	6,395,058	20.0	929,094	7,250,245	20.6	956,966	7,485,774
2026	4,796,446	17.8	853,767	6,451,222	20.0	959,289	7,313,919	20.6	988,068	7,551,517
2027	4,952,330	17.8	881,515	6,498,215	20.0	990,466	7,367,196	20.6	1,020,180	7,606,525
2028	5,113,281	17.8	910,164	6,534,941	20.0	1,022,656	7,408,833	20.6	1,053,336	7,649,515
2029	5,279,463	17.8	939,744	6,560,212	20.0	1,055,893	7,437,483	20.6	1,087,569	7,679,096
2030	5,451,046	17.8	970,286	6,572,739	20.0	1,090,209	7,451,685	20.6	1,122,915	7,693,759

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	23.2%	\$948,325	\$ 8,065,215	23.6%	\$964,675	\$ 8,177,475	26.4%	\$1,079,129	\$ 9,217,378
2022	4,220,455	23.2	979,146	8,175,707	23.6	996,027	8,289,505	26.4	1,114,200	9,343,655
2023	4,357,620	23.2	1,010,968	8,278,797	23.6	1,028,398	8,394,030	26.4	1,150,412	9,461,473
2024	4,499,243	23.2	1,043,824	8,373,448	23.6	1,061,821	8,489,998	26.4	1,187,800	9,569,645
2025	4,645,468	23.2	1,077,749	8,458,530	23.6	1,096,330	8,576,264	26.4	1,226,404	9,666,881
2026	4,796,446	23.2	1,112,775	8,532,816	23.6	1,131,961	8,651,584	26.4	1,266,262	9,751,779
2027	4,952,330	23.2	1,148,941	8,594,972	23.6	1,168,750	8,714,605	26.4	1,307,415	9,822,814
2028	5,113,281	23.2	1,186,281	8,643,548	23.6	1,206,734	8,763,857	26.4	1,349,906	9,878,329
2029	5,279,463	23.2	1,224,835	8,676,973	23.6	1,245,953	8,797,747	26.4	1,393,778	9,916,529
2030	5,451,046	23.2	1,264,643	8,693,541	23.6	1,286,447	8,814,546	26.4	1,439,076	9,935,464

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	11.7%	\$478,250	\$ 4,608,767	14.9%	\$609,054	\$ 5,760,940	13.0%	\$531,389	\$ 5,057,770
2022	4,220,455	11.7	493,793	4,671,906	14.9	628,848	5,839,864	13.0	548,659	5,127,061
2023	4,357,620	11.7	509,842	4,730,816	14.9	649,285	5,913,501	13.0	566,491	5,191,710
2024	4,499,243	11.7	526,411	4,784,903	14.9	670,387	5,981,110	13.0	584,902	5,251,066
2025	4,645,468	11.7	543,520	4,833,522	14.9	692,175	6,041,884	13.0	603,911	5,304,422
2026	4,796,446	11.7	561,184	4,875,972	14.9	714,670	6,094,946	13.0	623,538	5,351,007
2027	4,952,330	11.7	579,423	4,911,490	14.9	737,897	6,139,344	13.0	643,803	5,389,986
2028	5,113,281	11.7	598,254	4,939,248	14.9	761,879	6,174,042	13.0	664,727	5,420,448
2029	5,279,463	11.7	617,697	4,958,348	14.9	786,640	6,197,917	13.0	686,330	5,441,409
2030	5,451,046	11.7	637,772	4,967,816	14.9	812,206	6,209,752	13.0	708,636	5,451,799

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	15.9%	\$649,930	\$ 6,097,693	18.1%	\$739,857	\$ 6,913,114	18.7%	\$764,383	\$ 7,137,691
2022	4,220,455	15.9	671,052	6,181,230	18.1	763,902	7,007,823	18.7	789,225	7,235,476
2023	4,357,620	15.9	692,862	6,259,171	18.1	788,729	7,096,187	18.7	814,875	7,326,711
2024	4,499,243	15.9	715,380	6,330,732	18.1	814,363	7,177,317	18.7	841,358	7,410,477
2025	4,645,468	15.9	738,629	6,395,058	18.1	840,830	7,250,245	18.7	868,703	7,485,774
2026	4,796,446	15.9	762,635	6,451,222	18.1	868,157	7,313,919	18.7	896,935	7,551,517
2027	4,952,330	15.9	787,420	6,498,215	18.1	896,372	7,367,196	18.7	926,086	7,606,525
2028	5,113,281	15.9	813,012	6,534,941	18.1	925,504	7,408,833	18.7	956,184	7,649,515
2029	5,279,463	15.9	839,435	6,560,212	18.1	955,583	7,437,483	18.7	987,260	7,679,096
2030	5,451,046	15.9	866,716	6,572,739	18.1	986,639	7,451,685	18.7	1,019,346	7,693,759

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	21.3%	\$870,661	\$ 8,065,215	21.7%	\$887,011	\$ 8,177,475	24.5%	\$1,001,464	\$ 9,217,378
2022	4,220,455	21.3	898,957	8,175,707	21.7	915,839	8,289,505	24.5	1,034,011	9,343,655
2023	4,357,620	21.3	928,173	8,278,797	21.7	945,604	8,394,030	24.5	1,067,617	9,461,473
2024	4,499,243	21.3	958,339	8,373,448	21.7	976,336	8,489,998	24.5	1,102,315	9,569,645
2025	4,645,468	21.3	989,485	8,458,530	21.7	1,008,067	8,576,264	24.5	1,138,140	9,666,881
2026	4,796,446	21.3	1,021,643	8,532,816	21.7	1,040,829	8,651,584	24.5	1,175,129	9,751,779
2027	4,952,330	21.3	1,054,846	8,594,972	21.7	1,074,656	8,714,605	24.5	1,213,321	9,822,814
2028	5,113,281	21.3	1,089,129	8,643,548	21.7	1,109,582	8,763,857	24.5	1,252,754	9,878,329
2029	5,279,463	21.3	1,124,526	8,676,973	21.7	1,145,643	8,797,747	24.5	1,293,468	9,916,529
2030	5,451,046	21.3	1,161,073	8,693,541	21.7	1,182,877	8,814,546	24.5	1,335,506	9,935,464

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - 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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	9.8%	\$400,586	\$ 4,608,767	13.0%	\$531,389	\$ 5,760,940	11.1%	\$453,724	\$ 5,057,770
2022	4,220,455	9.8	413,605	4,671,906	13.0	548,659	5,839,864	11.1	468,471	5,127,061
2023	4,357,620	9.8	427,047	4,730,816	13.0	566,491	5,913,501	11.1	483,696	5,191,710
2024	4,499,243	9.8	440,926	4,784,903	13.0	584,902	5,981,110	11.1	499,416	5,251,066
2025	4,645,468	9.8	455,256	4,833,522	13.0	603,911	6,041,884	11.1	515,647	5,304,422
2026	4,796,446	9.8	470,052	4,875,972	13.0	623,538	6,094,946	11.1	532,406	5,351,007
2027	4,952,330	9.8	485,328	4,911,490	13.0	643,803	6,139,344	11.1	549,709	5,389,986
2028	5,113,281	9.8	501,102	4,939,248	13.0	664,727	6,174,042	11.1	567,574	5,420,448
2029	5,279,463	9.8	517,387	4,958,348	13.0	686,330	6,197,917	11.1	586,020	5,441,409
2030	5,451,046	9.8	534,203	4,967,816	13.0	708,636	6,209,752	11.1	605,066	5,451,799

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.0%	\$572,265	\$ 6,097,693	16.2%	\$662,192	\$ 6,913,114	16.8%	\$686,718	\$ 7,137,691
2022	4,220,455	14.0	590,864	6,181,230	16.2	683,714	7,007,823	16.8	709,036	7,235,476
2023	4,357,620	14.0	610,067	6,259,171	16.2	705,934	7,096,187	16.8	732,080	7,326,711
2024	4,499,243	14.0	629,894	6,330,732	16.2	728,877	7,177,317	16.8	755,873	7,410,477
2025	4,645,468	14.0	650,366	6,395,058	16.2	752,566	7,250,245	16.8	780,439	7,485,774
2026	4,796,446	14.0	671,502	6,451,222	16.2	777,024	7,313,919	16.8	805,803	7,551,517
2027	4,952,330	14.0	693,326	6,498,215	16.2	802,277	7,367,196	16.8	831,991	7,606,525
2028	5,113,281	14.0	715,859	6,534,941	16.2	828,352	7,408,833	16.8	859,031	7,649,515
2029	5,279,463	14.0	739,125	6,560,212	16.2	855,273	7,437,483	16.8	886,950	7,679,096
2030	5,451,046	14.0	763,146	6,572,739	16.2	883,069	7,451,685	16.8	915,776	7,693,759

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	19.4%	\$792,996	\$ 8,065,215	19.8%	\$809,346	\$ 8,177,475	22.6%	\$923,799	\$ 9,217,378
2022	4,220,455	19.4	818,768	8,175,707	19.8	835,650	8,289,505	22.6	953,823	9,343,655
2023	4,357,620	19.4	845,378	8,278,797	19.8	862,809	8,394,030	22.6	984,822	9,461,473
2024	4,499,243	19.4	872,853	8,373,448	19.8	890,850	8,489,998	22.6	1,016,829	9,569,645
2025	4,645,468	19.4	901,221	8,458,530	19.8	919,803	8,576,264	22.6	1,049,876	9,666,881
2026	4,796,446	19.4	930,511	8,532,816	19.8	949,696	8,651,584	22.6	1,083,997	9,751,779
2027	4,952,330	19.4	960,752	8,594,972	19.8	980,561	8,714,605	22.6	1,119,227	9,822,814
2028	5,113,281	19.4	991,977	8,643,548	19.8	1,012,430	8,763,857	22.6	1,155,602	9,878,329
2029	5,279,463	19.4	1,024,216	8,676,973	19.8	1,045,334	8,797,747	22.6	1,193,159	9,916,529
2030	5,451,046	19.4	1,057,503	8,693,541	19.8	1,079,307	8,814,546	22.6	1,231,936	9,935,464

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - 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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	7.9%	\$322,921	\$ 4,608,767	11.1%	\$453,724	\$ 5,760,940	9.2%	\$376,060	\$ 5,057,770
2022	4,220,455	7.9	333,416	4,671,906	11.1	468,471	5,839,864	9.2	388,282	5,127,061
2023	4,357,620	7.9	344,252	4,730,816	11.1	483,696	5,913,501	9.2	400,901	5,191,710
2024	4,499,243	7.9	355,440	4,784,903	11.1	499,416	5,981,110	9.2	413,930	5,251,066
2025	4,645,468	7.9	366,992	4,833,522	11.1	515,647	6,041,884	9.2	427,383	5,304,422
2026	4,796,446	7.9	378,919	4,875,972	11.1	532,406	6,094,946	9.2	441,273	5,351,007
2027	4,952,330	7.9	391,234	4,911,490	11.1	549,709	6,139,344	9.2	455,614	5,389,986
2028	5,113,281	7.9	403,949	4,939,248	11.1	567,574	6,174,042	9.2	470,422	5,420,448
2029	5,279,463	7.9	417,078	4,958,348	11.1	586,020	6,197,917	9.2	485,711	5,441,409
2030	5,451,046	7.9	430,633	4,967,816	11.1	605,066	6,209,752	9.2	501,496	5,451,799

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	12.1%	\$494,601	\$ 6,097,693	14.3%	\$584,528	\$ 6,913,114	14.9%	\$609,054	\$ 7,137,691
2022	4,220,455	12.1	510,675	6,181,230	14.3	603,525	7,007,823	14.9	628,848	7,235,476
2023	4,357,620	12.1	527,272	6,259,171	14.3	623,140	7,096,187	14.9	649,285	7,326,711
2024	4,499,243	12.1	544,408	6,330,732	14.3	643,392	7,177,317	14.9	670,387	7,410,477
2025	4,645,468	12.1	562,102	6,395,058	14.3	664,302	7,250,245	14.9	692,175	7,485,774
2026	4,796,446	12.1	580,370	6,451,222	14.3	685,892	7,313,919	14.9	714,670	7,551,517
2027	4,952,330	12.1	599,232	6,498,215	14.3	708,183	7,367,196	14.9	737,897	7,606,525
2028	5,113,281	12.1	618,707	6,534,941	14.3	731,199	7,408,833	14.9	761,879	7,649,515
2029	5,279,463	12.1	638,815	6,560,212	14.3	754,963	7,437,483	14.9	786,640	7,679,096
2030	5,451,046	12.1	659,577	6,572,739	14.3	779,500	7,451,685	14.9	812,206	7,693,759

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	17.5%	\$715,331	\$ 8,065,215	17.9%	\$731,682	\$ 8,177,475	20.7%	\$846,135	\$ 9,217,378
2022	4,220,455	17.5	738,580	8,175,707	17.9	755,461	8,289,505	20.7	873,634	9,343,655
2023	4,357,620	17.5	762,584	8,278,797	17.9	780,014	8,394,030	20.7	902,027	9,461,473
2024	4,499,243	17.5	787,368	8,373,448	17.9	805,364	8,489,998	20.7	931,343	9,569,645
2025	4,645,468	17.5	812,957	8,458,530	17.9	831,539	8,576,264	20.7	961,612	9,666,881
2026	4,796,446	17.5	839,378	8,532,816	17.9	858,564	8,651,584	20.7	992,864	9,751,779
2027	4,952,330	17.5	866,658	8,594,972	17.9	886,467	8,714,605	20.7	1,025,132	9,822,814
2028	5,113,281	17.5	894,824	8,643,548	17.9	915,277	8,763,857	20.7	1,058,449	9,878,329
2029	5,279,463	17.5	923,906	8,676,973	17.9	945,024	8,797,747	20.7	1,092,849	9,916,529
2030	5,451,046	17.5	953,933	8,693,541	17.9	975,737	8,814,546	20.7	1,128,367	9,935,464

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.0%	\$572,265	\$ 4,764,492	17.4%	\$711,244	\$ 5,955,737	15.4%	\$629,492	\$ 5,229,253
2022	4,220,455	14.0	590,864	4,829,765	17.4	734,359	6,037,330	15.4	649,950	5,300,893
2023	4,357,620	14.0	610,067	4,890,665	17.4	758,226	6,113,457	15.4	671,073	5,367,734
2024	4,499,243	14.0	629,894	4,946,580	17.4	782,868	6,183,352	15.4	692,883	5,429,103
2025	4,645,468	14.0	650,366	4,996,842	17.4	808,311	6,246,180	15.4	715,402	5,484,268
2026	4,796,446	14.0	671,502	5,040,726	17.4	834,582	6,301,036	15.4	738,653	5,532,433
2027	4,952,330	14.0	693,326	5,077,444	17.4	861,705	6,346,935	15.4	762,659	5,572,733
2028	5,113,281	14.0	715,859	5,106,140	17.4	889,711	6,382,806	15.4	787,445	5,604,228
2029	5,279,463	14.0	739,125	5,125,886	17.4	918,627	6,407,489	15.4	813,037	5,625,900
2030	5,451,046	14.0	763,146	5,135,674	17.4	948,482	6,419,724	15.4	839,461	5,636,643

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	18.4%	\$752,120	\$ 6,304,286	20.6%	\$842,047	\$ 7,146,775	21.2%	\$866,573	\$ 7,379,172
2022	4,220,455	18.4	776,564	6,390,654	20.6	869,414	7,244,685	21.2	894,736	7,480,266
2023	4,357,620	18.4	801,802	6,471,236	20.6	897,670	7,336,036	21.2	923,815	7,574,587
2024	4,499,243	18.4	827,861	6,545,221	20.6	926,844	7,419,908	21.2	953,840	7,661,187
2025	4,645,468	18.4	854,766	6,611,726	20.6	956,966	7,495,301	21.2	984,839	7,739,032
2026	4,796,446	18.4	882,546	6,669,793	20.6	988,068	7,561,127	21.2	1,016,847	7,806,999
2027	4,952,330	18.4	911,229	6,718,378	20.6	1,020,180	7,616,205	21.2	1,049,894	7,863,868
2028	5,113,281	18.4	940,844	6,756,348	20.6	1,053,336	7,659,249	21.2	1,084,016	7,908,312
2029	5,279,463	18.4	971,421	6,782,475	20.6	1,087,569	7,688,868	21.2	1,119,246	7,938,894
2030	5,451,046	18.4	1,002,992	6,795,426	20.6	1,122,915	7,703,550	21.2	1,155,622	7,954,053

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	24.0%	\$981,026	\$ 8,337,906	24.2%	\$989,201	\$ 8,454,123	27.2%	\$1,111,829	\$ 9,528,912
2022	4,220,455	24.0	1,012,909	8,452,134	24.2	1,021,350	8,569,943	27.2	1,147,964	9,659,457
2023	4,357,620	24.0	1,045,829	8,558,710	24.2	1,054,544	8,678,005	27.2	1,185,273	9,781,257
2024	4,499,243	24.0	1,079,818	8,656,561	24.2	1,088,817	8,777,220	27.2	1,223,794	9,893,085
2025	4,645,468	24.0	1,114,912	8,744,520	24.2	1,124,203	8,866,405	27.2	1,263,567	9,993,608
2026	4,796,446	24.0	1,151,147	8,821,317	24.2	1,160,740	8,944,273	27.2	1,304,633	10,081,375
2027	4,952,330	24.0	1,188,559	8,885,574	24.2	1,198,464	9,009,426	27.2	1,347,034	10,154,811
2028	5,113,281	24.0	1,227,187	8,935,792	24.2	1,237,414	9,060,344	27.2	1,390,812	10,212,203
2029	5,279,463	24.0	1,267,071	8,970,347	24.2	1,277,630	9,095,381	27.2	1,436,014	10,251,694
2030	5,451,046	24.0	1,308,251	8,987,476	24.2	1,319,153	9,112,748	27.2	1,482,685	10,271,269

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - 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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	12.1%	\$494,601	\$ 4,764,492	15.5%	\$633,579	\$ 5,955,737	13.5%	\$551,827	\$ 5,229,253
2022	4,220,455	12.1	510,675	4,829,765	15.5	654,171	6,037,330	13.5	569,761	5,300,893
2023	4,357,620	12.1	527,272	4,890,665	15.5	675,431	6,113,457	13.5	588,279	5,367,734
2024	4,499,243	12.1	544,408	4,946,580	15.5	697,383	6,183,352	13.5	607,398	5,429,103
2025	4,645,468	12.1	562,102	4,996,842	15.5	720,048	6,246,180	13.5	627,138	5,484,268
2026	4,796,446	12.1	580,370	5,040,726	15.5	743,449	6,301,036	13.5	647,520	5,532,433
2027	4,952,330	12.1	599,232	5,077,444	15.5	767,611	6,346,935	13.5	668,565	5,572,733
2028	5,113,281	12.1	618,707	5,106,140	15.5	792,559	6,382,806	13.5	690,293	5,604,228
2029	5,279,463	12.1	638,815	5,125,886	15.5	818,317	6,407,489	13.5	712,728	5,625,900
2030	5,451,046	12.1	659,577	5,135,674	15.5	844,912	6,419,724	13.5	735,891	5,636,643

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	16.5%	\$674,455	\$ 6,304,286	18.7%	\$764,383	\$ 7,146,775	19.3%	\$788,908	\$ 7,379,172
2022	4,220,455	16.5	696,375	6,390,654	18.7	789,225	7,244,685	19.3	814,548	7,480,266
2023	4,357,620	16.5	719,007	6,471,236	18.7	814,875	7,336,036	19.3	841,021	7,574,587
2024	4,499,243	16.5	742,375	6,545,221	18.7	841,358	7,419,908	19.3	868,354	7,661,187
2025	4,645,468	16.5	766,502	6,611,726	18.7	868,703	7,495,301	19.3	896,575	7,739,032
2026	4,796,446	16.5	791,414	6,669,793	18.7	896,935	7,561,127	19.3	925,714	7,806,999
2027	4,952,330	16.5	817,134	6,718,378	18.7	926,086	7,616,205	19.3	955,800	7,863,868
2028	5,113,281	16.5	843,691	6,756,348	18.7	956,184	7,659,249	19.3	986,863	7,908,312
2029	5,279,463	16.5	871,111	6,782,475	18.7	987,260	7,688,868	19.3	1,018,936	7,938,894
2030	5,451,046	16.5	899,423	6,795,426	18.7	1,019,346	7,703,550	19.3	1,052,052	7,954,053

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	22.1%	\$903,361	\$ 8,337,906	22.3%	\$911,537	\$ 8,454,123	25.3%	\$1,034,165	\$ 9,528,912
2022	4,220,455	22.1	932,721	8,452,134	22.3	941,161	8,569,943	25.3	1,067,775	9,659,457
2023	4,357,620	22.1	963,034	8,558,710	22.3	971,749	8,678,005	25.3	1,102,478	9,781,257
2024	4,499,243	22.1	994,333	8,656,561	22.3	1,003,331	8,777,220	25.3	1,138,308	9,893,085
2025	4,645,468	22.1	1,026,648	8,744,520	22.3	1,035,939	8,866,405	25.3	1,175,303	9,993,608
2026	4,796,446	22.1	1,060,015	8,821,317	22.3	1,069,607	8,944,273	25.3	1,213,501	10,081,375
2027	4,952,330	22.1	1,094,465	8,885,574	22.3	1,104,370	9,009,426	25.3	1,252,939	10,154,811
2028	5,113,281	22.1	1,130,035	8,935,792	22.3	1,140,262	9,060,344	25.3	1,293,660	10,212,203
2029	5,279,463	22.1	1,166,761	8,970,347	22.3	1,177,320	9,095,381	25.3	1,335,704	10,251,694
2030	5,451,046	22.1	1,204,681	8,987,476	22.3	1,215,583	9,112,748	25.3	1,379,115	10,271,269

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - 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	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	10.2%	\$416,936	\$ 4,764,492	13.6%	\$555,915	\$ 5,955,737	11.6%	\$474,163	\$ 5,229,253
2022	4,220,455	10.2	430,486	4,829,765	13.6	573,982	6,037,330	11.6	489,573	5,300,893
2023	4,357,620	10.2	444,477	4,890,665	13.6	592,636	6,113,457	11.6	505,484	5,367,734
2024	4,499,243	10.2	458,923	4,946,580	13.6	611,897	6,183,352	11.6	521,912	5,429,103
2025	4,645,468	10.2	473,838	4,996,842	13.6	631,784	6,246,180	11.6	538,874	5,484,268
2026	4,796,446	10.2	489,237	5,040,726	13.6	652,317	6,301,036	11.6	556,388	5,532,433
2027	4,952,330	10.2	505,138	5,077,444	13.6	673,517	6,346,935	11.6	574,470	5,572,733
2028	5,113,281	10.2	521,555	5,106,140	13.6	695,406	6,382,806	11.6	593,141	5,604,228
2029	5,279,463	10.2	538,505	5,125,886	13.6	718,007	6,407,489	11.6	612,418	5,625,900
2030	5,451,046	10.2	556,007	5,135,674	13.6	741,342	6,419,724	11.6	632,321	5,636,643

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.6%	\$596,791	\$ 6,304,286	16.8%	\$686,718	\$ 7,146,775	17.4%	\$711,244	\$ 7,379,172
2022	4,220,455	14.6	616,186	6,390,654	16.8	709,036	7,244,685	17.4	734,359	7,480,266
2023	4,357,620	14.6	636,213	6,471,236	16.8	732,080	7,336,036	17.4	758,226	7,574,587
2024	4,499,243	14.6	656,889	6,545,221	16.8	755,873	7,419,908	17.4	782,868	7,661,187
2025	4,645,468	14.6	678,238	6,611,726	16.8	780,439	7,495,301	17.4	808,311	7,739,032
2026	4,796,446	14.6	700,281	6,669,793	16.8	805,803	7,561,127	17.4	834,582	7,806,999
2027	4,952,330	14.6	723,040	6,718,378	16.8	831,991	7,616,205	17.4	861,705	7,863,868
2028	5,113,281	14.6	746,539	6,756,348	16.8	859,031	7,659,249	17.4	889,711	7,908,312
2029	5,279,463	14.6	770,802	6,782,475	16.8	886,950	7,688,868	17.4	918,627	7,938,894
2030	5,451,046	14.6	795,853	6,795,426	16.8	915,776	7,703,550	17.4	948,482	7,954,053

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	20.2%	\$825,697	\$ 8,337,906	20.4%	\$833,872	\$ 8,454,123	23.4%	\$956,500	\$ 9,528,912
2022	4,220,455	20.2	852,532	8,452,134	20.4	860,973	8,569,943	23.4	987,586	9,659,457
2023	4,357,620	20.2	880,239	8,558,710	20.4	888,954	8,678,005	23.4	1,019,683	9,781,257
2024	4,499,243	20.2	908,847	8,656,561	20.4	917,846	8,777,220	23.4	1,052,823	9,893,085
2025	4,645,468	20.2	938,385	8,744,520	20.4	947,675	8,866,405	23.4	1,087,040	9,993,608
2026	4,796,446	20.2	968,882	8,821,317	20.4	978,475	8,944,273	23.4	1,122,368	10,081,375
2027	4,952,330	20.2	1,000,371	8,885,574	20.4	1,010,275	9,009,426	23.4	1,158,845	10,154,811
2028	5,113,281	20.2	1,032,883	8,935,792	20.4	1,043,109	9,060,344	23.4	1,196,508	10,212,203
2029	5,279,463	20.2	1,066,452	8,970,347	20.4	1,077,010	9,095,381	23.4	1,235,394	10,251,694
2030	5,451,046	20.2	1,101,111	8,987,476	20.4	1,112,013	9,112,748	23.4	1,275,545	10,271,269

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	8.3%	\$339,271	\$ 4,764,492	11.7%	\$478,250	\$ 5,955,737	9.7%	\$396,498	\$ 5,229,253
2022	4,220,455	8.3	350,298	4,829,765	11.7	493,793	6,037,330	9.7	409,384	5,300,893
2023	4,357,620	8.3	361,682	4,890,665	11.7	509,842	6,113,457	9.7	422,689	5,367,734
2024	4,499,243	8.3	373,437	4,946,580	11.7	526,411	6,183,352	9.7	436,427	5,429,103
2025	4,645,468	8.3	385,574	4,996,842	11.7	543,520	6,246,180	9.7	450,610	5,484,268
2026	4,796,446	8.3	398,105	5,040,726	11.7	561,184	6,301,036	9.7	465,255	5,532,433
2027	4,952,330	8.3	411,043	5,077,444	11.7	579,423	6,346,935	9.7	480,376	5,572,733
2028	5,113,281	8.3	424,402	5,106,140	11.7	598,254	6,382,806	9.7	495,988	5,604,228
2029	5,279,463	8.3	438,195	5,125,886	11.7	617,697	6,407,489	9.7	512,108	5,625,900
2030	5,451,046	8.3	452,437	5,135,674	11.7	637,772	6,419,724	9.7	528,751	5,636,643

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	12.7%	\$519,126	\$ 6,304,286	14.9%	\$609,054	\$ 7,146,775	15.5%	\$633,579	\$ 7,379,172
2022	4,220,455	12.7	535,998	6,390,654	14.9	628,848	7,244,685	15.5	654,171	7,480,266
2023	4,357,620	12.7	553,418	6,471,236	14.9	649,285	7,336,036	15.5	675,431	7,574,587
2024	4,499,243	12.7	571,404	6,545,221	14.9	670,387	7,419,908	15.5	697,383	7,661,187
2025	4,645,468	12.7	589,974	6,611,726	14.9	692,175	7,495,301	15.5	720,048	7,739,032
2026	4,796,446	12.7	609,149	6,669,793	14.9	714,670	7,561,127	15.5	743,449	7,806,999
2027	4,952,330	12.7	628,946	6,718,378	14.9	737,897	7,616,205	15.5	767,611	7,863,868
2028	5,113,281	12.7	649,387	6,756,348	14.9	761,879	7,659,249	15.5	792,559	7,908,312
2029	5,279,463	12.7	670,492	6,782,475	14.9	786,640	7,688,868	15.5	818,317	7,938,894
2030	5,451,046	12.7	692,283	6,795,426	14.9	812,206	7,703,550	15.5	844,912	7,954,053

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	18.3%	\$748,032	\$ 8,337,906	18.5%	\$756,207	\$ 8,454,123	21.5%	\$878,836	\$ 9,528,912
2022	4,220,455	18.3	772,343	8,452,134	18.5	780,784	8,569,943	21.5	907,398	9,659,457
2023	4,357,620	18.3	797,444	8,558,710	18.5	806,160	8,678,005	21.5	936,888	9,781,257
2024	4,499,243	18.3	823,361	8,656,561	18.5	832,360	8,777,220	21.5	967,337	9,893,085
2025	4,645,468	18.3	850,121	8,744,520	18.5	859,412	8,866,405	21.5	998,776	9,993,608
2026	4,796,446	18.3	877,750	8,821,317	18.5	887,343	8,944,273	21.5	1,031,236	10,081,375
2027	4,952,330	18.3	906,276	8,885,574	18.5	916,181	9,009,426	21.5	1,064,751	10,154,811
2028	5,113,281	18.3	935,730	8,935,792	18.5	945,957	9,060,344	21.5	1,099,355	10,212,203
2029	5,279,463	18.3	966,142	8,970,347	18.5	976,701	9,095,381	21.5	1,135,085	10,251,694
2030	5,451,046	18.3	997,541	8,987,476	18.5	1,008,444	9,112,748	21.5	1,171,975	10,271,269

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.4%	\$588,616	\$ 4,988,072	17.8%	\$727,594	\$ 6,235,087	16.6%	\$678,543	\$ 5,920,931
2022	4,220,455	14.4	607,746	5,056,408	17.8	751,241	6,320,507	16.6	700,596	6,002,047
2023	4,357,620	14.4	627,497	5,120,166	17.8	775,656	6,400,205	16.6	723,365	6,077,729
2024	4,499,243	14.4	647,891	5,178,705	17.8	800,865	6,473,378	16.6	746,874	6,147,215
2025	4,645,468	14.4	668,947	5,231,325	17.8	826,893	6,539,153	16.6	771,148	6,209,676
2026	4,796,446	14.4	690,688	5,277,268	17.8	853,767	6,596,582	16.6	796,210	6,264,212
2027	4,952,330	14.4	713,136	5,315,709	17.8	881,515	6,644,634	16.6	822,087	6,309,843
2028	5,113,281	14.4	736,312	5,345,752	17.8	910,164	6,682,187	16.6	848,805	6,345,504
2029	5,279,463	14.4	760,243	5,366,424	17.8	939,744	6,708,027	16.6	876,391	6,370,042
2030	5,451,046	14.4	784,951	5,376,671	17.8	970,286	6,720,836	16.6	904,874	6,382,205

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	19.5%	\$797,084	\$ 6,934,742	21.1%	\$862,485	\$ 7,482,107	22.2%	\$907,449	\$ 7,948,608
2022	4,220,455	19.5	822,989	7,029,747	21.1	890,516	7,584,611	22.2	936,941	8,057,503
2023	4,357,620	19.5	849,736	7,118,388	21.1	919,458	7,680,248	22.2	967,392	8,159,103
2024	4,499,243	19.5	877,352	7,199,772	21.1	949,340	7,768,056	22.2	998,832	8,252,385
2025	4,645,468	19.5	905,866	7,272,928	21.1	980,194	7,846,987	22.2	1,031,294	8,336,237
2026	4,796,446	19.5	935,307	7,336,801	21.1	1,012,050	7,915,902	22.2	1,064,811	8,409,449
2027	4,952,330	19.5	965,704	7,390,245	21.1	1,044,942	7,973,564	22.2	1,099,417	8,470,706
2028	5,113,281	19.5	997,090	7,432,012	21.1	1,078,902	8,018,628	22.2	1,135,148	8,518,580
2029	5,279,463	19.5	1,029,495	7,460,752	21.1	1,113,967	8,049,636	22.2	1,172,041	8,551,522
2030	5,451,046	19.5	1,062,954	7,474,998	21.1	1,150,171	8,065,007	22.2	1,210,132	8,567,851

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	24.5%	\$1,001,464	\$ 8,729,049	25.1%	\$1,025,990	\$ 8,962,270	28.0%	\$1,144,530	\$ 9,976,167
2022	4,220,455	24.5	1,034,011	8,848,636	25.1	1,059,334	9,085,052	28.0	1,181,727	10,112,839
2023	4,357,620	24.5	1,067,617	8,960,212	25.1	1,093,763	9,199,609	28.0	1,220,134	10,240,356
2024	4,499,243	24.5	1,102,315	9,062,654	25.1	1,129,310	9,304,788	28.0	1,259,788	10,357,433
2025	4,645,468	24.5	1,138,140	9,154,739	25.1	1,166,012	9,399,333	28.0	1,300,731	10,462,674
2026	4,796,446	24.5	1,175,129	9,235,139	25.1	1,203,908	9,481,881	28.0	1,343,005	10,554,561
2027	4,952,330	24.5	1,213,321	9,302,411	25.1	1,243,035	9,550,950	28.0	1,386,652	10,631,444
2028	5,113,281	24.5	1,252,754	9,354,985	25.1	1,283,434	9,604,929	28.0	1,431,719	10,691,529
2029	5,279,463	24.5	1,293,468	9,391,161	25.1	1,325,145	9,642,072	28.0	1,478,250	10,732,874
2030	5,451,046	24.5	1,335,506	9,409,093	25.1	1,368,213	9,660,483	28.0	1,526,293	10,753,368

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	12.5%	\$510,951	\$ 4,988,072	15.9%	\$649,930	\$ 6,235,087	14.7%	\$600,878	\$ 5,920,931
2022	4,220,455	12.5	527,557	5,056,408	15.9	671,052	6,320,507	14.7	620,407	6,002,047
2023	4,357,620	12.5	544,703	5,120,166	15.9	692,862	6,400,205	14.7	640,570	6,077,729
2024	4,499,243	12.5	562,405	5,178,705	15.9	715,380	6,473,378	14.7	661,389	6,147,215
2025	4,645,468	12.5	580,684	5,231,325	15.9	738,629	6,539,153	14.7	682,884	6,209,676
2026	4,796,446	12.5	599,556	5,277,268	15.9	762,635	6,596,582	14.7	705,078	6,264,212
2027	4,952,330	12.5	619,041	5,315,709	15.9	787,420	6,644,634	14.7	727,993	6,309,843
2028	5,113,281	12.5	639,160	5,345,752	15.9	813,012	6,682,187	14.7	751,652	6,345,504
2029	5,279,463	12.5	659,933	5,366,424	15.9	839,435	6,708,027	14.7	776,081	6,370,042
2030	5,451,046	12.5	681,381	5,376,671	15.9	866,716	6,720,836	14.7	801,304	6,382,205

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	17.6%	\$719,419	\$ 6,934,742	19.2%	\$784,821	\$ 7,482,107	20.3%	\$829,784	\$ 7,948,608
2022	4,220,455	17.6	742,800	7,029,747	19.2	810,327	7,584,611	20.3	856,752	8,057,503
2023	4,357,620	17.6	766,941	7,118,388	19.2	836,663	7,680,248	20.3	884,597	8,159,103
2024	4,499,243	17.6	791,867	7,199,772	19.2	863,855	7,768,056	20.3	913,346	8,252,385
2025	4,645,468	17.6	817,602	7,272,928	19.2	891,930	7,846,987	20.3	943,030	8,336,237
2026	4,796,446	17.6	844,174	7,336,801	19.2	920,918	7,915,902	20.3	973,679	8,409,449
2027	4,952,330	17.6	871,610	7,390,245	19.2	950,847	7,973,564	20.3	1,005,323	8,470,706
2028	5,113,281	17.6	899,937	7,432,012	19.2	981,750	8,018,628	20.3	1,037,996	8,518,580
2029	5,279,463	17.6	929,185	7,460,752	19.2	1,013,657	8,049,636	20.3	1,071,731	8,551,522
2030	5,451,046	17.6	959,384	7,474,998	19.2	1,046,601	8,065,007	20.3	1,106,562	8,567,851

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	22.6%	\$923,799	\$ 8,729,049	23.2%	\$948,325	\$ 8,962,270	26.1%	\$1,066,866	\$ 9,976,167
2022	4,220,455	22.6	953,823	8,848,636	23.2	979,146	9,085,052	26.1	1,101,539	10,112,839
2023	4,357,620	22.6	984,822	8,960,212	23.2	1,010,968	9,199,609	26.1	1,137,339	10,240,356
2024	4,499,243	22.6	1,016,829	9,062,654	23.2	1,043,824	9,304,788	26.1	1,174,302	10,357,433
2025	4,645,468	22.6	1,049,876	9,154,739	23.2	1,077,749	9,399,333	26.1	1,212,467	10,462,674
2026	4,796,446	22.6	1,083,997	9,235,139	23.2	1,112,775	9,481,881	26.1	1,251,872	10,554,561
2027	4,952,330	22.6	1,119,227	9,302,411	23.2	1,148,941	9,550,950	26.1	1,292,558	10,631,444
2028	5,113,281	22.6	1,155,602	9,354,985	23.2	1,186,281	9,604,929	26.1	1,334,566	10,691,529
2029	5,279,463	22.6	1,193,159	9,391,161	23.2	1,224,835	9,642,072	26.1	1,377,940	10,732,874
2030	5,451,046	22.6	1,231,936	9,409,093	23.2	1,264,643	9,660,483	26.1	1,422,723	10,753,368

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	10.6%	\$433,286	\$ 4,988,072	14.0%	\$572,265	\$ 6,235,087	12.8%	\$523,214	\$ 5,920,931
2022	4,220,455	10.6	447,368	5,056,408	14.0	590,864	6,320,507	12.8	540,218	6,002,047
2023	4,357,620	10.6	461,908	5,120,166	14.0	610,067	6,400,205	12.8	557,775	6,077,729
2024	4,499,243	10.6	476,920	5,178,705	14.0	629,894	6,473,378	12.8	575,903	6,147,215
2025	4,645,468	10.6	492,420	5,231,325	14.0	650,366	6,539,153	12.8	594,620	6,209,676
2026	4,796,446	10.6	508,423	5,277,268	14.0	671,502	6,596,582	12.8	613,945	6,264,212
2027	4,952,330	10.6	524,947	5,315,709	14.0	693,326	6,644,634	12.8	633,898	6,309,843
2028	5,113,281	10.6	542,008	5,345,752	14.0	715,859	6,682,187	12.8	654,500	6,345,504
2029	5,279,463	10.6	559,623	5,366,424	14.0	739,125	6,708,027	12.8	675,771	6,370,042
2030	5,451,046	10.6	577,811	5,376,671	14.0	763,146	6,720,836	12.8	697,734	6,382,205

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	15.7%	\$641,754	\$ 6,934,742	17.3%	\$707,156	\$ 7,482,107	18.4%	\$752,120	\$ 7,948,608
2022	4,220,455	15.7	662,611	7,029,747	17.3	730,139	7,584,611	18.4	776,564	8,057,503
2023	4,357,620	15.7	684,146	7,118,388	17.3	753,868	7,680,248	18.4	801,802	8,159,103
2024	4,499,243	15.7	706,381	7,199,772	17.3	778,369	7,768,056	18.4	827,861	8,252,385
2025	4,645,468	15.7	729,338	7,272,928	17.3	803,666	7,846,987	18.4	854,766	8,336,237
2026	4,796,446	15.7	753,042	7,336,801	17.3	829,785	7,915,902	18.4	882,546	8,409,449
2027	4,952,330	15.7	777,516	7,390,245	17.3	856,753	7,973,564	18.4	911,229	8,470,706
2028	5,113,281	15.7	802,785	7,432,012	17.3	884,598	8,018,628	18.4	940,844	8,518,580
2029	5,279,463	15.7	828,876	7,460,752	17.3	913,347	8,049,636	18.4	971,421	8,551,522
2030	5,451,046	15.7	855,814	7,474,998	17.3	943,031	8,065,007	18.4	1,002,992	8,567,851

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	20.7%	\$846,135	\$ 8,729,049	21.3%	\$870,661	\$ 8,962,270	24.2%	\$989,201	\$ 9,976,167
2022	4,220,455	20.7	873,634	8,848,636	21.3	898,957	9,085,052	24.2	1,021,350	10,112,839
2023	4,357,620	20.7	902,027	8,960,212	21.3	928,173	9,199,609	24.2	1,054,544	10,240,356
2024	4,499,243	20.7	931,343	9,062,654	21.3	958,339	9,304,788	24.2	1,088,817	10,357,433
2025	4,645,468	20.7	961,612	9,154,739	21.3	989,485	9,399,333	24.2	1,124,203	10,462,674
2026	4,796,446	20.7	992,864	9,235,139	21.3	1,021,643	9,481,881	24.2	1,160,740	10,554,561
2027	4,952,330	20.7	1,025,132	9,302,411	21.3	1,054,846	9,550,950	24.2	1,198,464	10,631,444
2028	5,113,281	20.7	1,058,449	9,354,985	21.3	1,089,129	9,604,929	24.2	1,237,414	10,691,529
2029	5,279,463	20.7	1,092,849	9,391,161	21.3	1,124,526	9,642,072	24.2	1,277,630	10,732,874
2030	5,451,046	20.7	1,128,367	9,409,093	21.3	1,161,073	9,660,483	24.2	1,319,153	10,753,368

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	8.7%	\$355,622	\$ 4,988,072	12.1%	\$494,601	\$ 6,235,087	10.9%	\$445,549	\$ 5,920,931
2022	4,220,455	8.7	367,180	5,056,408	12.1	510,675	6,320,507	10.9	460,030	6,002,047
2023	4,357,620	8.7	379,113	5,120,166	12.1	527,272	6,400,205	10.9	474,981	6,077,729
2024	4,499,243	8.7	391,434	5,178,705	12.1	544,408	6,473,378	10.9	490,417	6,147,215
2025	4,645,468	8.7	404,156	5,231,325	12.1	562,102	6,539,153	10.9	506,356	6,209,676
2026	4,796,446	8.7	417,291	5,277,268	12.1	580,370	6,596,582	10.9	522,813	6,264,212
2027	4,952,330	8.7	430,853	5,315,709	12.1	599,232	6,644,634	10.9	539,804	6,309,843
2028	5,113,281	8.7	444,855	5,345,752	12.1	618,707	6,682,187	10.9	557,348	6,345,504
2029	5,279,463	8.7	459,313	5,366,424	12.1	638,815	6,708,027	10.9	575,461	6,370,042
2030	5,451,046	8.7	474,241	5,376,671	12.1	659,577	6,720,836	10.9	594,164	6,382,205

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	13.8%	\$564,090	\$ 6,934,742	15.4%	\$629,492	\$ 7,482,107	16.5%	\$674,455	\$ 7,948,608
2022	4,220,455	13.8	582,423	7,029,747	15.4	649,950	7,584,611	16.5	696,375	8,057,503
2023	4,357,620	13.8	601,352	7,118,388	15.4	671,073	7,680,248	16.5	719,007	8,159,103
2024	4,499,243	13.8	620,896	7,199,772	15.4	692,883	7,768,056	16.5	742,375	8,252,385
2025	4,645,468	13.8	641,075	7,272,928	15.4	715,402	7,846,987	16.5	766,502	8,336,237
2026	4,796,446	13.8	661,910	7,336,801	15.4	738,653	7,915,902	16.5	791,414	8,409,449
2027	4,952,330	13.8	683,422	7,390,245	15.4	762,659	7,973,564	16.5	817,134	8,470,706
2028	5,113,281	13.8	705,633	7,432,012	15.4	787,445	8,018,628	16.5	843,691	8,518,580
2029	5,279,463	13.8	728,566	7,460,752	15.4	813,037	8,049,636	16.5	871,111	8,551,522
2030	5,451,046	13.8	752,244	7,474,998	15.4	839,461	8,065,007	16.5	899,423	8,567,851

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	18.8%	\$768,470	\$ 8,729,049	19.4%	\$792,996	\$ 8,962,270	22.3%	\$911,537	\$ 9,976,167
2022	4,220,455	18.8	793,446	8,848,636	19.4	818,768	9,085,052	22.3	941,161	10,112,839
2023	4,357,620	18.8	819,233	8,960,212	19.4	845,378	9,199,609	22.3	971,749	10,240,356
2024	4,499,243	18.8	845,858	9,062,654	19.4	872,853	9,304,788	22.3	1,003,331	10,357,433
2025	4,645,468	18.8	873,348	9,154,739	19.4	901,221	9,399,333	22.3	1,035,939	10,462,674
2026	4,796,446	18.8	901,732	9,235,139	19.4	930,511	9,481,881	22.3	1,069,607	10,554,561
2027	4,952,330	18.8	931,038	9,302,411	19.4	960,752	9,550,950	22.3	1,104,370	10,631,444
2028	5,113,281	18.8	961,297	9,354,985	19.4	991,977	9,604,929	22.3	1,140,262	10,691,529
2029	5,279,463	18.8	992,539	9,391,161	19.4	1,024,216	9,642,072	22.3	1,177,320	10,732,874
2030	5,451,046	18.8	1,024,797	9,409,093	19.4	1,057,503	9,660,483	22.3	1,215,583	10,753,368

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - General

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

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.9%	\$609,054	\$ 5,159,877	18.4%	\$752,120	\$ 6,449,903	17.2%	\$703,069	\$ 6,126,227
2022	4,220,455	14.9	628,848	5,230,567	18.4	776,564	6,538,266	17.2	725,918	6,210,155
2023	4,357,620	14.9	649,285	5,296,521	18.4	801,802	6,620,709	17.2	749,511	6,288,461
2024	4,499,243	14.9	670,387	5,357,076	18.4	827,861	6,696,403	17.2	773,870	6,360,357
2025	4,645,468	14.9	692,175	5,411,509	18.4	854,766	6,764,445	17.2	799,020	6,424,984
2026	4,796,446	14.9	714,670	5,459,035	18.4	882,546	6,823,853	17.2	824,989	6,481,410
2027	4,952,330	14.9	737,897	5,498,800	18.4	911,229	6,873,560	17.2	851,801	6,528,623
2028	5,113,281	14.9	761,879	5,529,877	18.4	940,844	6,912,407	17.2	879,484	6,565,521
2029	5,279,463	14.9	786,640	5,551,261	18.4	971,421	6,939,138	17.2	908,068	6,590,910
2030	5,451,046	14.9	812,206	5,561,861	18.4	1,002,992	6,952,388	17.2	937,580	6,603,495

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	20.2%	\$825,697	\$ 7,174,678	21.8%	\$891,099	\$ 7,739,721	23.0%	\$940,150	\$ 8,222,895
2022	4,220,455	20.2	852,532	7,272,970	21.8	920,059	7,845,754	23.0	970,705	8,335,547
2023	4,357,620	20.2	880,239	7,364,678	21.8	949,961	7,944,684	23.0	1,002,253	8,440,653
2024	4,499,243	20.2	908,847	7,448,878	21.8	980,835	8,035,515	23.0	1,034,826	8,537,154
2025	4,645,468	20.2	938,385	7,524,565	21.8	1,012,712	8,117,163	23.0	1,068,458	8,623,899
2026	4,796,446	20.2	968,882	7,590,648	21.8	1,045,625	8,188,451	23.0	1,103,183	8,699,637
2027	4,952,330	20.2	1,000,371	7,645,941	21.8	1,079,608	8,248,098	23.0	1,139,036	8,763,008
2028	5,113,281	20.2	1,032,883	7,689,153	21.8	1,114,695	8,294,714	23.0	1,176,055	8,812,534
2029	5,279,463	20.2	1,066,452	7,718,887	21.8	1,150,923	8,326,790	23.0	1,214,276	8,846,612
2030	5,451,046	20.2	1,101,111	7,733,626	21.8	1,188,328	8,342,690	23.0	1,253,741	8,863,504

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	25.3%	\$1,034,165	\$ 9,029,751	26.0%	\$1,062,778	\$ 9,271,325	28.9%	\$1,181,319	\$ 10,319,675
2022	4,220,455	25.3	1,067,775	9,153,457	26.0	1,097,318	9,398,341	28.9	1,219,711	10,461,053
2023	4,357,620	25.3	1,102,478	9,268,876	26.0	1,132,981	9,516,848	28.9	1,259,352	10,592,960
2024	4,499,243	25.3	1,138,308	9,374,846	26.0	1,169,803	9,625,654	28.9	1,300,281	10,714,069
2025	4,645,468	25.3	1,175,303	9,470,103	26.0	1,207,822	9,723,459	28.9	1,342,540	10,822,934
2026	4,796,446	25.3	1,213,501	9,553,273	26.0	1,247,076	9,808,854	28.9	1,386,173	10,917,985
2027	4,952,330	25.3	1,252,939	9,622,862	26.0	1,287,606	9,880,305	28.9	1,431,223	10,997,515
2028	5,113,281	25.3	1,293,660	9,677,247	26.0	1,329,453	9,936,145	28.9	1,477,738	11,059,669
2029	5,279,463	25.3	1,335,704	9,714,669	26.0	1,372,660	9,974,568	28.9	1,525,765	11,102,437
2030	5,451,046	25.3	1,379,115	9,733,219	26.0	1,417,272	9,993,614	28.9	1,575,352	11,123,637

Notes regarding the above projections:

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

Platte County Board of Services for the Developmentally Disabled - 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
2021	\$ 4,087,608	13.0%	\$531,389	\$ 5,159,877	16.5%	\$674,455	\$ 6,449,903	15.3%	\$625,404	\$ 6,126,227
2022	4,220,455	13.0	548,659	5,230,567	16.5	696,375	6,538,266	15.3	645,730	6,210,155
2023	4,357,620	13.0	566,491	5,296,521	16.5	719,007	6,620,709	15.3	666,716	6,288,461
2024	4,499,243	13.0	584,902	5,357,076	16.5	742,375	6,696,403	15.3	688,384	6,360,357
2025	4,645,468	13.0	603,911	5,411,509	16.5	766,502	6,764,445	15.3	710,757	6,424,984
2026	4,796,446	13.0	623,538	5,459,035	16.5	791,414	6,823,853	15.3	733,856	6,481,410
2027	4,952,330	13.0	643,803	5,498,800	16.5	817,134	6,873,560	15.3	757,706	6,528,623
2028	5,113,281	13.0	664,727	5,529,877	16.5	843,691	6,912,407	15.3	782,332	6,565,521
2029	5,279,463	13.0	686,330	5,551,261	16.5	871,111	6,939,138	15.3	807,758	6,590,910
2030	5,451,046	13.0	708,636	5,561,861	16.5	899,423	6,952,388	15.3	834,010	6,603,495

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	18.3%	\$748,032	\$ 7,174,678	19.9%	\$813,434	\$ 7,739,721	21.1%	\$862,485	\$ 8,222,895
2022	4,220,455	18.3	772,343	7,272,970	19.9	839,871	7,845,754	21.1	890,516	8,335,547
2023	4,357,620	18.3	797,444	7,364,678	19.9	867,166	7,944,684	21.1	919,458	8,440,653
2024	4,499,243	18.3	823,361	7,448,878	19.9	895,349	8,035,515	21.1	949,340	8,537,154
2025	4,645,468	18.3	850,121	7,524,565	19.9	924,448	8,117,163	21.1	980,194	8,623,899
2026	4,796,446	18.3	877,750	7,590,648	19.9	954,493	8,188,451	21.1	1,012,050	8,699,637
2027	4,952,330	18.3	906,276	7,645,941	19.9	985,514	8,248,098	21.1	1,044,942	8,763,008
2028	5,113,281	18.3	935,730	7,689,153	19.9	1,017,543	8,294,714	21.1	1,078,902	8,812,534
2029	5,279,463	18.3	966,142	7,718,887	19.9	1,050,613	8,326,790	21.1	1,113,967	8,846,612
2030	5,451,046	18.3	997,541	7,733,626	19.9	1,084,758	8,342,690	21.1	1,150,171	8,863,504

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	23.4%	\$956,500	\$ 9,029,751	24.1%	\$985,114	\$ 9,271,325	27.0%	\$1,103,654	\$ 10,319,675
2022	4,220,455	23.4	987,586	9,153,457	24.1	1,017,130	9,398,341	27.0	1,139,523	10,461,053
2023	4,357,620	23.4	1,019,683	9,268,876	24.1	1,050,186	9,516,848	27.0	1,176,557	10,592,960
2024	4,499,243	23.4	1,052,823	9,374,846	24.1	1,084,318	9,625,654	27.0	1,214,796	10,714,069
2025	4,645,468	23.4	1,087,040	9,470,103	24.1	1,119,558	9,723,459	27.0	1,254,276	10,822,934
2026	4,796,446	23.4	1,122,368	9,553,273	24.1	1,155,943	9,808,854	27.0	1,295,040	10,917,985
2027	4,952,330	23.4	1,158,845	9,622,862	24.1	1,193,512	9,880,305	27.0	1,337,129	10,997,515
2028	5,113,281	23.4	1,196,508	9,677,247	24.1	1,232,301	9,936,145	27.0	1,380,586	11,059,669
2029	5,279,463	23.4	1,235,394	9,714,669	24.1	1,272,351	9,974,568	27.0	1,425,455	11,102,437
2030	5,451,046	23.4	1,275,545	9,733,219	24.1	1,313,702	9,993,614	27.0	1,471,782	11,123,637

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	11.1%	\$453,724	\$ 5,159,877	14.6%	\$596,791	\$ 6,449,903	13.4%	\$547,739	\$ 6,126,227
2022	4,220,455	11.1	468,471	5,230,567	14.6	616,186	6,538,266	13.4	565,541	6,210,155
2023	4,357,620	11.1	483,696	5,296,521	14.6	636,213	6,620,709	13.4	583,921	6,288,461
2024	4,499,243	11.1	499,416	5,357,076	14.6	656,889	6,696,403	13.4	602,899	6,360,357
2025	4,645,468	11.1	515,647	5,411,509	14.6	678,238	6,764,445	13.4	622,493	6,424,984
2026	4,796,446	11.1	532,406	5,459,035	14.6	700,281	6,823,853	13.4	642,724	6,481,410
2027	4,952,330	11.1	549,709	5,498,800	14.6	723,040	6,873,560	13.4	663,612	6,528,623
2028	5,113,281	11.1	567,574	5,529,877	14.6	746,539	6,912,407	13.4	685,180	6,565,521
2029	5,279,463	11.1	586,020	5,551,261	14.6	770,802	6,939,138	13.4	707,448	6,590,910
2030	5,451,046	11.1	605,066	5,561,861	14.6	795,853	6,952,388	13.4	730,440	6,603,495

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	16.4%	\$670,368	\$ 7,174,678	18.0%	\$735,769	\$ 7,739,721	19.2%	\$784,821	\$ 8,222,895
2022	4,220,455	16.4	692,155	7,272,970	18.0	759,682	7,845,754	19.2	810,327	8,335,547
2023	4,357,620	16.4	714,650	7,364,678	18.0	784,372	7,944,684	19.2	836,663	8,440,653
2024	4,499,243	16.4	737,876	7,448,878	18.0	809,864	8,035,515	19.2	863,855	8,537,154
2025	4,645,468	16.4	761,857	7,524,565	18.0	836,184	8,117,163	19.2	891,930	8,623,899
2026	4,796,446	16.4	786,617	7,590,648	18.0	863,360	8,188,451	19.2	920,918	8,699,637
2027	4,952,330	16.4	812,182	7,645,941	18.0	891,419	8,248,098	19.2	950,847	8,763,008
2028	5,113,281	16.4	838,578	7,689,153	18.0	920,391	8,294,714	19.2	981,750	8,812,534
2029	5,279,463	16.4	865,832	7,718,887	18.0	950,303	8,326,790	19.2	1,013,657	8,846,612
2030	5,451,046	16.4	893,972	7,733,626	18.0	981,188	8,342,690	19.2	1,046,601	8,863,504

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	21.5%	\$878,836	\$ 9,029,751	22.2%	\$907,449	\$ 9,271,325	25.1%	\$1,025,990	\$ 10,319,675
2022	4,220,455	21.5	907,398	9,153,457	22.2	936,941	9,398,341	25.1	1,059,334	10,461,053
2023	4,357,620	21.5	936,888	9,268,876	22.2	967,392	9,516,848	25.1	1,093,763	10,592,960
2024	4,499,243	21.5	967,337	9,374,846	22.2	998,832	9,625,654	25.1	1,129,310	10,714,069
2025	4,645,468	21.5	998,776	9,470,103	22.2	1,031,294	9,723,459	25.1	1,166,012	10,822,934
2026	4,796,446	21.5	1,031,236	9,553,273	22.2	1,064,811	9,808,854	25.1	1,203,908	10,917,985
2027	4,952,330	21.5	1,064,751	9,622,862	22.2	1,099,417	9,880,305	25.1	1,243,035	10,997,515
2028	5,113,281	21.5	1,099,355	9,677,247	22.2	1,135,148	9,936,145	25.1	1,283,434	11,059,669
2029	5,279,463	21.5	1,135,085	9,714,669	22.2	1,172,041	9,974,568	25.1	1,325,145	11,102,437
2030	5,451,046	21.5	1,171,975	9,733,219	22.2	1,210,132	9,993,614	25.1	1,368,213	11,123,637

Notes regarding the above projections:

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



Platte County Board of Services for the Developmentally Disabled - General

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

(Member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	9.2%	\$376,060	\$ 5,159,877	12.7%	\$519,126	\$ 6,449,903	11.5%	\$470,075	\$ 6,126,227
2022	4,220,455	9.2	388,282	5,230,567	12.7	535,998	6,538,266	11.5	485,352	6,210,155
2023	4,357,620	9.2	400,901	5,296,521	12.7	553,418	6,620,709	11.5	501,126	6,288,461
2024	4,499,243	9.2	413,930	5,357,076	12.7	571,404	6,696,403	11.5	517,413	6,360,357
2025	4,645,468	9.2	427,383	5,411,509	12.7	589,974	6,764,445	11.5	534,229	6,424,984
2026	4,796,446	9.2	441,273	5,459,035	12.7	609,149	6,823,853	11.5	551,591	6,481,410
2027	4,952,330	9.2	455,614	5,498,800	12.7	628,946	6,873,560	11.5	569,518	6,528,623
2028	5,113,281	9.2	470,422	5,529,877	12.7	649,387	6,912,407	11.5	588,027	6,565,521
2029	5,279,463	9.2	485,711	5,551,261	12.7	670,492	6,939,138	11.5	607,138	6,590,910
2030	5,451,046	9.2	501,496	5,561,861	12.7	692,283	6,952,388	11.5	626,870	6,603,495

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	14.5%	\$592,703	\$ 7,174,678	16.1%	\$658,105	\$ 7,739,721	17.3%	\$707,156	\$ 8,222,895
2022	4,220,455	14.5	611,966	7,272,970	16.1	679,493	7,845,754	17.3	730,139	8,335,547
2023	4,357,620	14.5	631,855	7,364,678	16.1	701,577	7,944,684	17.3	753,868	8,440,653
2024	4,499,243	14.5	652,390	7,448,878	16.1	724,378	8,035,515	17.3	778,369	8,537,154
2025	4,645,468	14.5	673,593	7,524,565	16.1	747,920	8,117,163	17.3	803,666	8,623,899
2026	4,796,446	14.5	695,485	7,590,648	16.1	772,228	8,188,451	17.3	829,785	8,699,637
2027	4,952,330	14.5	718,088	7,645,941	16.1	797,325	8,248,098	17.3	856,753	8,763,008
2028	5,113,281	14.5	741,426	7,689,153	16.1	823,238	8,294,714	17.3	884,598	8,812,534
2029	5,279,463	14.5	765,522	7,718,887	16.1	849,994	8,326,790	17.3	913,347	8,846,612
2030	5,451,046	14.5	790,402	7,733,626	16.1	877,618	8,342,690	17.3	943,031	8,863,504

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2021	\$ 4,087,608	19.6%	\$801,171	\$ 9,029,751	20.3%	\$829,784	\$ 9,271,325	23.2%	\$948,325	\$ 10,319,675
2022	4,220,455	19.6	827,209	9,153,457	20.3	856,752	9,398,341	23.2	979,146	10,461,053
2023	4,357,620	19.6	854,094	9,268,876	20.3	884,597	9,516,848	23.2	1,010,968	10,592,960
2024	4,499,243	19.6	881,852	9,374,846	20.3	913,346	9,625,654	23.2	1,043,824	10,714,069
2025	4,645,468	19.6	910,512	9,470,103	20.3	943,030	9,723,459	23.2	1,077,749	10,822,934
2026	4,796,446	19.6	940,103	9,553,273	20.3	973,679	9,808,854	23.2	1,112,775	10,917,985
2027	4,952,330	19.6	970,657	9,622,862	20.3	1,005,323	9,880,305	23.2	1,148,941	10,997,515
2028	5,113,281	19.6	1,002,203	9,677,247	20.3	1,037,996	9,936,145	23.2	1,186,281	11,059,669
2029	5,279,463	19.6	1,034,775	9,714,669	20.3	1,071,731	9,974,568	23.2	1,224,835	11,102,437
2030	5,451,046	19.6	1,068,405	9,733,219	20.3	1,106,562	9,993,614	23.2	1,264,643	11,123,637

Notes regarding the above projections:

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