



**THE INITIAL ACTUARIAL VALUATION FOR
RANDOLPH COUNTY DEVELOPMENTAL DISABILITY SERVICES
AS OF AUGUST 31, 2016**

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September 14, 2016

Randolph County Developmental Disability Services
Moberly, 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).

The contribution requirement for benefits likely to accrue as a result of the future service of your employees is described on pages 4 thru 11 as the current cost plus the disability cost. This contribution rate, expressed as a percent of active employee payroll, will depend on the benefit program adopted.

The contribution requirement to pay for benefits likely to result from service rendered by your employees before you join LAGERS is described on pages 4 thru 11 as the prior service cost. 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 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 current cost, disability cost, and prior service cost (the total employer cost as shown on pages 4 thru 11). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 12 and 13 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, 2016.

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. 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.

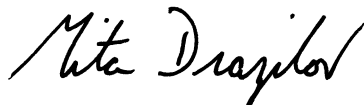
Please note that this entire report must be available as public information for at least 45 calendar days prior to the date final official action is taken by your governing body to join the System. You may wish to make notice of this report in the official minutes of the next meeting of your governing 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 August 31, 2016. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

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

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 opinion herein.

Respectfully submitted,



Mita D. Drazilov, ASA, MAAA

Alternate Plan Provisions Affecting Employer Contribution Rates

The law governing LAGERS provides for either a contributory plan or a non-contributory plan, with benefits based on either a 5 year or 3 year Final Average Salary (FAS).

Contributory Plan. Under the contributory plan, each covered member contributes 4% 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.

Non-Contributory Plan. Under the non-contributory 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.

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 72 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.

Randolph County Developmental Disability Services

Employer Contribution Rates (Contributory Plan - 5 Year FAS)

(4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	1.60%	3.90%	0.20%	5.70%
L-3	General	2.10	5.50	0.30	7.90
LT-4(65)	General	1.80	4.50	0.20	6.50
LT-5(65)	General	2.30	5.90	0.30	8.50
L-7	General	2.60	7.10	0.30	10.00
LT-8(65)	General	2.70	7.40	0.30	10.40
L-12	General	3.10	8.70	0.40	12.20
LT-14(65)	General	3.10	8.90	0.40	12.40
L-6	General	3.50	10.40	0.50	14.40

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
 (4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	1.70%	4.10%	0.20%	6.00%
L-3	General	2.20	5.80	0.30	8.30
LT-4(65)	General	1.90	4.80	0.20	6.90
LT-5(65)	General	2.30	6.30	0.30	8.90
L-7	General	2.70	7.40	0.30	10.40
LT-8(65)	General	2.80	7.80	0.30	10.90
L-12	General	3.20	9.10	0.40	12.70
LT-14(65)	General	3.20	9.40	0.40	13.00
L-6	General	3.70	10.80	0.50	15.00

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	2.00%	7.40%	0.20%	9.60%
L-3	General	2.50	9.00	0.30	11.80
LT-4(65)	General	2.20	8.00	0.20	10.40
LT-5(65)	General	2.60	9.50	0.30	12.40
L-7	General	3.00	10.60	0.30	13.90
LT-8(65)	General	3.10	10.90	0.30	14.30
L-12	General	3.50	12.20	0.40	16.10
LT-14(65)	General	3.50	12.40	0.40	16.30
L-6	General	4.00	13.80	0.50	18.30

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	2.10%	7.60%	0.20%	9.90%
L-3	General	2.60	9.30	0.30	12.20
LT-4(65)	General	2.30	8.20	0.20	10.70
LT-5(65)	General	2.70	9.80	0.30	12.80
L-7	General	3.10	10.90	0.30	14.30
LT-8(65)	General	3.20	11.30	0.30	14.80
L-12	General	3.60	12.60	0.40	16.60
LT-14(65)	General	3.70	12.80	0.40	16.90
L-6	General	4.10	14.30	0.50	18.90

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Contributory Plan - 5 Year FAS)

(4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	1.70%	4.10%	0.20%	6.00%
L-3	General	2.20	5.70	0.30	8.20
LT-4(65)	General	2.00	5.00	0.20	7.20
LT-5(65)	General	2.40	6.40	0.30	9.10
L-7	General	2.70	7.40	0.30	10.40
LT-8(65)	General	2.80	7.80	0.30	10.90
L-12	General	3.20	9.00	0.40	12.60
LT-14(65)	General	3.20	9.40	0.40	13.00
L-6	General	3.60	10.80	0.50	14.90

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. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
 (4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	1.80%	4.30%	0.20%	6.30%
L-3	General	2.30	6.00	0.30	8.60
LT-4(65)	General	2.00	5.20	0.20	7.40
LT-5(65)	General	2.50	6.70	0.30	9.50
L-7	General	2.80	7.70	0.30	10.80
LT-8(65)	General	2.90	8.20	0.30	11.40
L-12	General	3.30	9.50	0.40	13.20
LT-14(65)	General	3.40	9.70	0.40	13.50
L-6	General	3.80	11.20	0.50	15.50

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* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	2.10%	7.60%	0.20%	9.90%
L-3	General	2.60	9.20	0.30	12.10
LT-4(65)	General	2.30	8.40	0.20	10.90
LT-5(65)	General	2.80	9.90	0.30	13.00
L-7	General	3.10	10.90	0.30	14.30
LT-8(65)	General	3.20	11.30	0.30	14.80
L-12	General	3.60	12.50	0.40	16.50
LT-14(65)	General	3.70	12.80	0.40	16.90
L-6	General	4.10	14.20	0.50	18.80

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

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	2.10%	7.80%	0.20%	10.10%
L-3	General	2.70	9.50	0.30	12.50
LT-4(65)	General	2.40	8.70	0.20	11.30
LT-5(65)	General	2.90	10.20	0.30	13.40
L-7	General	3.20	11.20	0.30	14.70
LT-8(65)	General	3.30	11.70	0.30	15.30
L-12	General	3.70	13.00	0.40	17.10
LT-14(65)	General	3.80	13.20	0.40	17.40
L-6	General	4.20	14.70	0.50	19.40

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. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Randolph County Developmental Disability Services

Employer Contribution Dollars

Regular Retirement Eligibility

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:

Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 21,501
L-3	29,800
LT-4(65)	24,519
LT-5(65)	32,063
L-7	37,721
LT-8(65)	39,230
L-12	46,020
LT-14(65)	46,774
L-6	54,319

3 Year FAS	
Benefit Program	General
L-1	\$ 22,633
L-3	31,309
LT-4(65)	26,028
LT-5(65)	33,572
L-7	39,230
LT-8(65)	41,116
L-12	47,906
LT-14(65)	49,038
L-6	56,582

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 36,212
L-3	44,511
LT-4(65)	39,230
LT-5(65)	46,774
L-7	52,433
LT-8(65)	53,941
L-12	60,731
LT-14(65)	61,486
L-6	69,030

3 Year FAS	
Benefit Program	General
L-1	\$ 37,344
L-3	46,020
LT-4(65)	40,362
LT-5(65)	48,283
L-7	53,941
LT-8(65)	55,827
L-12	62,617
LT-14(65)	63,749
L-6	71,293

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.

Randolph County Developmental Disability Services

Employer Contribution Dollars

Rule of 80 Retirement Eligibility

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:

Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 22,633
L-3	30,931
LT-4(65)	27,159
LT-5(65)	34,326
L-7	39,230
LT-8(65)	41,116
L-12	47,529
LT-14(65)	49,038
L-6	56,205

3 Year FAS	
Benefit Program	General
L-1	\$ 23,764
L-3	32,440
LT-4(65)	27,914
LT-5(65)	35,835
L-7	40,739
LT-8(65)	43,002
L-12	49,792
LT-14(65)	50,924
L-6	58,468

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 37,344
L-3	45,643
LT-4(65)	41,116
LT-5(65)	49,038
L-7	53,941
LT-8(65)	55,827
L-12	62,240
LT-14(65)	63,749
L-6	70,916

3 Year FAS	
Benefit Program	General
L-1	\$ 38,098
L-3	47,152
LT-4(65)	42,625
LT-5(65)	50,546
L-7	55,450
LT-8(65)	57,714
L-12	64,503
LT-14(65)	65,635
L-6	73,179

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.

Randolph County Developmental Disability Services

Employees and Payroll Included in the Valuation

	General
Number of Employees	10
Annual Payroll	\$ 377,212

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 11 as the "Prior Service Cost" 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:

Randolph County Developmental Disability Services
Regular Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 107,597	\$ 112,042	\$ 132,267	\$ 136,832
L-3	General	139,504	144,953	165,359	171,057
LT-4(65)	General	121,080	126,004	145,686	150,748
LT-5(65)	General	149,626	155,430	175,416	181,502
L-7	General	171,217	177,756	198,411	205,264
LT-8(65)	General	177,969	184,754	205,165	212,203
L-12	General	202,748	210,352	231,462	239,481
LT-14(65)	General	206,090	213,830	234,840	242,956
L-6	General	234,158	242,848	264,564	273,737

Randolph County Developmental Disability Services

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)

Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 111,814	\$ 116,450	\$ 136,375	\$ 141,097
L-3	General	144,716	150,388	170,445	176,370
LT-4(65)	General	130,399	135,699	154,915	160,296
LT-5(65)	General	158,676	164,842	184,351	190,803
L-7	General	177,434	184,245	204,547	211,656
LT-8(65)	General	186,756	193,885	213,835	221,226
L-12	General	209,961	217,851	238,640	246,921
LT-14(65)	General	214,600	222,696	243,288	251,747
L-6	General	242,396	251,432	272,725	282,213

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 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 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 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.

Schedule 1.

**Withdrawal From Active Employment Before Age & Service Retirement
and Individual Pay Increase Assumptions**

Sample Ages	Years of Service	Percent of Active Members Separating Within Next Year				Percent Increase in Individual's Pay During Next Year Excluding Fire
		General Members		Police	Fire	
		Men	Women			
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	7.30	10.80	9.80	5.00	6.6%
30		6.50	8.90	7.80	4.00	5.8
35		5.00	7.40	6.10	2.80	5.3
40		3.70	5.70	4.40	2.20	4.8
45		3.00	4.20	3.20	1.80	4.3
50		2.40	3.30	1.80	1.00	3.9
55		1.80	2.50	1.00	0.50	3.7
60		1.00	1.20	0.00	0.00	3.6
65		0.00	0.00	0.00	0.00	3.3

Percent Increase in Individual's Pay During Next Year	
Sample Ages	Fire
25	7.2%
30	6.1
35	5.2
40	4.5
45	4.2
50	3.9
55	3.7
60	3.3
65	3.3

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	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	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. (Continued)

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

Retirement Ages	General Members		Police	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, 2016
(Section references are to RSMo)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The surviving spouse receives an allowance equal to the Option A allowance (joint and 75% survivor benefit) computed based upon the deceased members' service & earnings record to time of death.

(b) When no spouse benefit is payable, the dependent children under age 18 (age 23 if they are full time students) each receive an equal share of 60% of an age & service allowance computed based upon the deceased member's service & earnings record to time of death.

(c) If the death is determined to be duty related, the 5 year service requirement is waived and the benefit is based on years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

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

(a) Subject to the maximum in (b), the redetermined amount is the amount other-wise payable multiplied by: 100% plus up to 4%, as determined by the LAGERS Board of Trustees, for each full year of retirement.

(b) The redetermined amount may not exceed the amount otherwise payable multiplied by the ratio of the Consumer Price Index for the immediately preceding month of June to the Consumer Price Index for the month of June immediately preceding retirement.

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

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

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

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

APPENDIX IV

**BENEFIT
ILLUSTRATIONS**

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

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 882	\$1,407	94%
2,000	700	1,028	1,728	86%
2,500	875	1,174	2,049	82%
3,000	1,050	1,320	2,370	79%
3,500	1,225	1,465	2,690	77%
4,000	1,400	1,611	3,011	75%
25 Years of Service:				
\$1,500	\$ 375	\$ 882	\$1,257	84%
2,000	500	1,028	1,528	76%
2,500	625	1,174	1,799	72%
3,000	750	1,320	2,070	69%
3,500	875	1,465	2,340	67%
4,000	1,000	1,611	2,611	65%
15 Years of Service:				
\$1,500	\$225	\$ 882	\$1,107	74%
2,000	300	1,028	1,328	66%
2,500	375	1,174	1,549	62%
3,000	450	1,320	1,770	59%
3,500	525	1,465	1,990	57%
4,000	600	1,611	2,211	55%

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 2016 - 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	\$ 882	\$1,538	103%
2,000	875	1,028	1,903	95%
2,500	1,094	1,174	2,268	91%
3,000	1,313	1,320	2,633	88%
3,500	1,531	1,465	2,996	86%
4,000	1,750	1,611	3,361	84%
25 Years of Service:				
\$1,500	\$ 469	\$ 882	\$1,351	90%
2,000	625	1,028	1,653	83%
2,500	781	1,174	1,955	78%
3,000	938	1,320	2,258	75%
3,500	1,094	1,465	2,559	73%
4,000	1,250	1,611	2,861	72%
15 Years of Service:				
\$1,500	\$281	\$ 882	\$1,163	78%
2,000	375	1,028	1,403	70%
2,500	469	1,174	1,643	66%
3,000	563	1,320	1,883	63%
3,500	656	1,465	2,121	61%
4,000	750	1,611	2,361	59%

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 2016 - 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	\$ 882	\$1,670	111%
2,000	1,050	1,028	2,078	104%
2,500	1,313	1,174	2,487	99%
3,000	1,575	1,320	2,895	97%
3,500	1,838	1,465	3,303	94%
4,000	2,100	1,611	3,711	93%
25 Years of Service:				
\$1,500	\$ 563	\$ 882	\$1,445	96%
2,000	750	1,028	1,778	89%
2,500	938	1,174	2,112	84%
3,000	1,125	1,320	2,445	82%
3,500	1,313	1,465	2,778	79%
4,000	1,500	1,611	3,111	78%
15 Years of Service:				
\$1,500	\$338	\$ 882	\$1,220	81%
2,000	450	1,028	1,478	74%
2,500	563	1,174	1,737	69%
3,000	675	1,320	1,995	67%
3,500	788	1,465	2,253	64%
4,000	900	1,611	2,511	63%

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 2016 - 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	\$ 882	\$1,801	120%
2,000	1,225	1,028	2,253	113%
2,500	1,531	1,174	2,705	108%
3,000	1,838	1,320	3,158	105%
3,500	2,144	1,465	3,609	103%
4,000	2,450	1,611	4,061	102%
25 Years of Service:				
\$1,500	\$ 656	\$ 882	\$1,538	103%
2,000	875	1,028	1,903	95%
2,500	1,094	1,174	2,268	91%
3,000	1,313	1,320	2,633	88%
3,500	1,531	1,465	2,996	86%
4,000	1,750	1,611	3,361	84%
15 Years of Service:				
\$1,500	\$ 394	\$ 882	\$1,276	85%
2,000	525	1,028	1,553	78%
2,500	656	1,174	1,830	73%
3,000	788	1,320	2,108	70%
3,500	919	1,465	2,384	68%
4,000	1,050	1,611	2,661	67%

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 2016 - 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	\$ 882	\$1,932	129%
2,000	1,400	1,028	2,428	121%
2,500	1,750	1,174	2,924	117%
3,000	2,100	1,320	3,420	114%
3,500	2,450	1,465	3,915	112%
4,000	2,800	1,611	4,411	110%
25 Years of Service:				
\$1,500	\$ 750	\$ 882	\$1,632	109%
2,000	1,000	1,028	2,028	101%
2,500	1,250	1,174	2,424	97%
3,000	1,500	1,320	2,820	94%
3,500	1,750	1,465	3,215	92%
4,000	2,000	1,611	3,611	90%
15 Years of Service:				
\$1,500	\$ 450	\$ 882	\$1,332	89%
2,000	600	1,028	1,628	81%
2,500	750	1,174	1,924	77%
3,000	900	1,320	2,220	74%
3,500	1,050	1,465	2,515	72%
4,000	1,200	1,611	2,811	70%

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 2016 - 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 FAS¹ to age 65)
1.00% of FAS¹ 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	\$ 882	\$1,050	\$1,407	70%	94%
2,000	1,400	700	1,028	1,400	1,728	70%	86%
2,500	1,750	875	1,174	1,750	2,049	70%	82%
3,000	2,100	1,050	1,320	2,100	2,370	70%	79%
3,500	2,450	1,225	1,465	2,450	2,690	70%	77%
4,000	2,800	1,400	1,611	2,800	3,011	70%	75%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 882	\$ 750	\$1,257	50%	84%
2,000	1,000	500	1,028	1,000	1,528	50%	76%
2,500	1,250	625	1,174	1,250	1,799	50%	72%
3,000	1,500	750	1,320	1,500	2,070	50%	69%
3,500	1,750	875	1,465	1,750	2,340	50%	67%
4,000	2,000	1,000	1,611	2,000	2,611	50%	65%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 882	\$ 450	\$1,107	30%	74%
2,000	600	300	1,028	600	1,328	30%	66%
2,500	750	375	1,174	750	1,549	30%	62%
3,000	900	450	1,320	900	1,770	30%	59%
3,500	1,050	525	1,465	1,050	1,990	30%	57%
4,000	1,200	600	1,611	1,200	2,211	30%	55%

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 2016 - 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 FAS¹ to age 65)
1.25% of FAS¹ 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	\$ 882	\$1,050	\$1,538	70%	103%
2,000	1,400	875	1,028	1,400	1,903	70%	95%
2,500	1,750	1,094	1,174	1,750	2,268	70%	91%
3,000	2,100	1,313	1,320	2,100	2,633	70%	88%
3,500	2,450	1,531	1,465	2,450	2,996	70%	86%
4,000	2,800	1,750	1,611	2,800	3,361	70%	84%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 882	\$ 750	\$1,351	50%	90%
2,000	1,000	625	1,028	1,000	1,653	50%	83%
2,500	1,250	781	1,174	1,250	1,955	50%	78%
3,000	1,500	938	1,320	1,500	2,258	50%	75%
3,500	1,750	1,094	1,465	1,750	2,559	50%	73%
4,000	2,000	1,250	1,611	2,000	2,861	50%	72%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 882	\$ 450	\$1,163	30%	78%
2,000	600	375	1,028	600	1,403	30%	70%
2,500	750	469	1,174	750	1,643	30%	66%
3,000	900	563	1,320	900	1,883	30%	63%
3,500	1,050	656	1,465	1,050	2,121	30%	61%
4,000	1,200	750	1,611	1,200	2,361	30%	59%

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 2016 - 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 FAS¹ to age 65)
1.50% of FAS¹ 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	\$ 882	\$1,050	\$1,670	70%	111%
2,000	1,400	1,050	1,028	1,400	2,078	70%	104%
2,500	1,750	1,313	1,174	1,750	2,487	70%	99%
3,000	2,100	1,575	1,320	2,100	2,895	70%	97%
3,500	2,450	1,838	1,465	2,450	3,303	70%	94%
4,000	2,800	2,100	1,611	2,800	3,711	70%	93%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 882	\$ 750	\$1,445	50%	96%
2,000	1,000	750	1,028	1,000	1,778	50%	89%
2,500	1,250	938	1,174	1,250	2,112	50%	84%
3,000	1,500	1,125	1,320	1,500	2,445	50%	82%
3,500	1,750	1,313	1,465	1,750	2,778	50%	79%
4,000	2,000	1,500	1,611	2,000	3,111	50%	78%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 882	\$ 450	\$1,220	30%	81%
2,000	600	450	1,028	600	1,478	30%	74%
2,500	750	563	1,174	750	1,737	30%	69%
3,000	900	675	1,320	900	1,995	30%	67%
3,500	1,050	788	1,465	1,050	2,253	30%	64%
4,000	1,200	900	1,611	1,200	2,511	30%	63%

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 2016 - 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 FAS¹ to age 65)
1.75% of FAS¹ 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	\$ 882	\$1,050	\$1,801	70%	120%
2,000	1,400	1,225	1,028	1,400	2,253	70%	113%
2,500	1,750	1,531	1,174	1,750	2,705	70%	108%
3,000	2,100	1,838	1,320	2,100	3,158	70%	105%
3,500	2,450	2,144	1,465	2,450	3,609	70%	103%
4,000	2,800	2,450	1,611	2,800	4,061	70%	102%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 882	\$ 750	\$1,538	50%	103%
2,000	1,000	875	1,028	1,000	1,903	50%	95%
2,500	1,250	1,094	1,174	1,250	2,268	50%	91%
3,000	1,500	1,313	1,320	1,500	2,633	50%	88%
3,500	1,750	1,531	1,465	1,750	2,996	50%	86%
4,000	2,000	1,750	1,611	2,000	3,361	50%	84%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 882	\$ 450	\$1,276	30%	85%
2,000	600	525	1,028	600	1,553	30%	78%
2,500	750	656	1,174	750	1,830	30%	73%
3,000	900	788	1,320	900	2,108	30%	70%
3,500	1,050	919	1,465	1,050	2,384	30%	68%
4,000	1,200	1,050	1,611	1,200	2,661	30%	67%

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 2016 - 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**

Randolph County Developmental Disability Services

August 31, 2016

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24									
25-29	1							1	\$ 28,850
30-34	1							1	\$ 22,880
35-39	2							2	\$ 81,595
40-44									
45-49	1							1	\$ 29,994
50-54	4							4	\$ 176,931
55-59									
60-64									
65-69	1							1	\$ 36,962
70 & Over									
Totals	10							10	\$ 377,212

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

Age: 44.8 years.

Benefit Service: 3.2 years.

Annual Pay: \$37,721.

September 14, 2016 E-mail

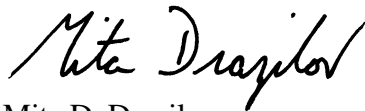
Mr. Keith Hughes, Executive Secretary
Missouri Local Government
Employees Retirement System
P.O. Box 1665
Jefferson City, Missouri 65102

Dear Keith:

Enclosed is the report of the August 31, 2016 Initial Actuarial
Valuation of LAGERS benefits for the employees of

Randolph County Developmental Disability Services

Sincerely,



Mita D. Drazilov

MDD:adh

September 14, 2016

Randolph County Developmental Disability Service
Moberly, Missouri

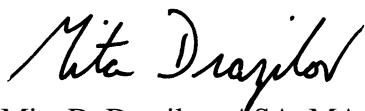
Ladies and Gentlemen:

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 August 31, 2016 Initial Valuation for the Randolph County Developmental Disability Service dated September 14, 2016.

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, 2016.

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 opinion herein.

Respectfully submitted,



Mita D. Drazilov, ASA, MAAA

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% 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
2016	\$ 377,212	5.7%	\$21,501	\$ 107,597	7.9%	\$29,800	\$ 139,504	6.5%	\$24,519	\$ 121,080
2017	389,472	5.7	22,200	109,071	7.9	30,768	141,415	6.5	25,316	122,739
2018	402,130	5.7	22,921	110,446	7.9	31,768	143,198	6.5	26,138	124,287
2019	415,199	5.7	23,666	111,709	7.9	32,801	144,835	6.5	26,988	125,708
2020	428,693	5.7	24,436	112,844	7.9	33,867	146,307	6.5	27,865	126,985
2021	442,626	5.7	25,230	113,835	7.9	34,967	147,592	6.5	28,771	128,100
2022	457,011	5.7	26,050	114,664	7.9	36,104	148,667	6.5	29,706	129,033
2023	471,864	5.7	26,896	115,312	7.9	37,277	149,507	6.5	30,671	129,762
2024	487,200	5.7	27,770	115,758	7.9	38,489	150,085	6.5	31,668	130,264
2025	503,034	5.7	28,673	115,979	7.9	39,740	150,372	6.5	32,697	130,513

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
2016	\$ 377,212	8.5%	\$32,063	\$ 149,626	10.0%	\$37,721	\$ 171,217	10.4%	\$39,230	\$ 177,969
2017	389,472	8.5	33,105	151,676	10.0	38,947	173,563	10.4	40,505	180,407
2018	402,130	8.5	34,181	153,589	10.0	40,213	175,752	10.4	41,822	182,682
2019	415,199	8.5	35,292	155,345	10.0	41,520	177,761	10.4	43,181	184,771
2020	428,693	8.5	36,439	156,923	10.0	42,869	179,567	10.4	44,584	186,648
2021	442,626	8.5	37,623	158,301	10.0	44,263	181,144	10.4	46,033	188,287
2022	457,011	8.5	38,846	159,454	10.0	45,701	182,464	10.4	47,529	189,659
2023	471,864	8.5	40,108	160,355	10.0	47,186	183,495	10.4	49,074	190,731
2024	487,200	8.5	41,412	160,975	10.0	48,720	184,205	10.4	50,669	191,469
2025	503,034	8.5	42,758	161,282	10.0	50,303	184,557	10.4	52,316	191,835

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
2016	\$ 377,212	12.2%	\$46,020	\$ 202,748	12.4%	\$46,774	\$ 206,090	14.4%	\$54,319	\$ 234,158
2017	389,472	12.2	47,516	205,526	12.4	48,295	208,913	14.4	56,084	237,366
2018	402,130	12.2	49,060	208,118	12.4	49,864	211,547	14.4	57,907	240,359
2019	415,199	12.2	50,654	210,497	12.4	51,485	213,966	14.4	59,789	243,107
2020	428,693	12.2	52,301	212,636	12.4	53,158	216,140	14.4	61,732	245,577
2021	442,626	12.2	54,000	214,503	12.4	54,886	218,038	14.4	63,738	247,734
2022	457,011	12.2	55,755	216,066	12.4	56,669	219,626	14.4	65,810	249,539
2023	471,864	12.2	57,567	217,287	12.4	58,511	220,867	14.4	67,948	250,949
2024	487,200	12.2	59,438	218,127	12.4	60,413	221,721	14.4	70,157	251,919
2025	503,034	12.2	61,370	218,544	12.4	62,376	222,144	14.4	72,437	252,400

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% 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
2016	\$ 377,212	6.0%	\$22,633	\$ 112,042	8.3%	\$31,309	\$ 144,953	6.9%	\$26,028	\$ 126,004
2017	389,472	6.0	23,368	113,577	8.3	32,326	146,939	6.9	26,874	127,730
2018	402,130	6.0	24,128	115,009	8.3	33,377	148,792	6.9	27,747	129,341
2019	415,199	6.0	24,912	116,324	8.3	34,462	150,493	6.9	28,649	130,820
2020	428,693	6.0	25,722	117,506	8.3	35,582	152,022	6.9	29,580	132,149
2021	442,626	6.0	26,558	118,538	8.3	36,738	153,357	6.9	30,541	133,310
2022	457,011	6.0	27,421	119,401	8.3	37,932	154,474	6.9	31,534	134,281
2023	471,864	6.0	28,312	120,076	8.3	39,165	155,347	6.9	32,559	135,040
2024	487,200	6.0	29,232	120,540	8.3	40,438	155,948	6.9	33,617	135,562
2025	503,034	6.0	30,182	120,770	8.3	41,752	156,246	6.9	34,709	135,821

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
2016	\$ 377,212	8.9%	\$33,572	\$ 155,430	10.4%	\$39,230	\$ 177,756	10.9%	\$41,116	\$ 184,754
2017	389,472	8.9	34,663	157,559	10.4	40,505	180,191	10.9	42,452	187,285
2018	402,130	8.9	35,790	159,546	10.4	41,822	182,463	10.9	43,832	189,647
2019	415,199	8.9	36,953	161,370	10.4	43,181	184,549	10.9	45,257	191,815
2020	428,693	8.9	38,154	163,010	10.4	44,584	186,424	10.9	46,728	193,764
2021	442,626	8.9	39,394	164,442	10.4	46,033	188,061	10.9	48,246	195,466
2022	457,011	8.9	40,674	165,640	10.4	47,529	189,431	10.9	49,814	196,890
2023	471,864	8.9	41,996	166,576	10.4	49,074	190,502	10.9	51,433	198,003
2024	487,200	8.9	43,361	167,220	10.4	50,669	191,239	10.9	53,105	198,769
2025	503,034	8.9	44,770	167,539	10.4	52,316	191,604	10.9	54,831	199,149

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
2016	\$ 377,212	12.7%	\$47,906	\$ 210,352	13.0%	\$49,038	\$ 213,830	15.0%	\$56,582	\$ 242,848
2017	389,472	12.7	49,463	213,234	13.0	50,631	216,759	15.0	58,421	246,175
2018	402,130	12.7	51,071	215,923	13.0	52,277	219,492	15.0	60,320	249,279
2019	415,199	12.7	52,730	218,392	13.0	53,976	222,001	15.0	62,280	252,129
2020	428,693	12.7	54,444	220,611	13.0	55,730	224,257	15.0	64,304	254,691
2021	442,626	12.7	56,214	222,548	13.0	57,541	226,227	15.0	66,394	256,928
2022	457,011	12.7	58,040	224,169	13.0	59,411	227,875	15.0	68,552	258,800
2023	471,864	12.7	59,927	225,436	13.0	61,342	229,163	15.0	70,780	260,263
2024	487,200	12.7	61,874	226,308	13.0	63,336	230,049	15.0	73,080	261,269
2025	503,034	12.7	63,885	226,740	13.0	65,394	230,488	15.0	75,455	261,768

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(0% 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
2016	\$ 377,212	9.6%	\$36,212	\$ 132,267	11.8%	\$44,511	\$ 165,359	10.4%	\$39,230	\$ 145,686
2017	389,472	9.6	37,389	134,079	11.8	45,958	167,624	10.4	40,505	147,682
2018	402,130	9.6	38,604	135,770	11.8	47,451	169,738	10.4	41,822	149,544
2019	415,199	9.6	39,859	137,322	11.8	48,993	171,679	10.4	43,181	151,254
2020	428,693	9.6	41,155	138,717	11.8	50,586	173,423	10.4	44,584	152,791
2021	442,626	9.6	42,492	139,935	11.8	52,230	174,946	10.4	46,033	154,133
2022	457,011	9.6	43,873	140,954	11.8	53,927	176,220	10.4	47,529	155,256
2023	471,864	9.6	45,299	141,751	11.8	55,680	177,216	10.4	49,074	156,133
2024	487,200	9.6	46,771	142,299	11.8	57,490	177,901	10.4	50,669	156,737
2025	503,034	9.6	48,291	142,571	11.8	59,358	178,241	10.4	52,316	157,036

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
2016	\$ 377,212	12.4%	\$46,774	\$ 175,416	13.9%	\$52,433	\$ 198,411	14.3%	\$53,941	\$ 205,165
2017	389,472	12.4	48,295	177,819	13.9	54,137	201,129	14.3	55,694	207,976
2018	402,130	12.4	49,864	180,061	13.9	55,896	203,665	14.3	57,505	210,598
2019	415,199	12.4	51,485	182,120	13.9	57,713	205,993	14.3	59,373	213,006
2020	428,693	12.4	53,158	183,971	13.9	59,588	208,086	14.3	61,303	215,170
2021	442,626	12.4	54,886	185,587	13.9	61,525	209,913	14.3	63,296	217,060
2022	457,011	12.4	56,669	186,939	13.9	63,525	211,442	14.3	65,353	218,641
2023	471,864	12.4	58,511	187,996	13.9	65,589	212,637	14.3	67,477	219,877
2024	487,200	12.4	60,413	188,723	13.9	67,721	213,459	14.3	69,670	220,727
2025	503,034	12.4	62,376	189,083	13.9	69,922	213,867	14.3	71,934	221,148

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
2016	\$ 377,212	16.1%	\$60,731	\$ 231,462	16.3%	\$61,486	\$ 234,840	18.3%	\$69,030	\$ 264,564
2017	389,472	16.1	62,705	234,633	16.3	63,484	238,057	18.3	71,273	268,188
2018	402,130	16.1	64,743	237,592	16.3	65,547	241,059	18.3	73,590	271,570
2019	415,199	16.1	66,847	240,308	16.3	67,677	243,815	18.3	75,981	274,675
2020	428,693	16.1	69,020	242,750	16.3	69,877	246,292	18.3	78,451	277,466
2021	442,626	16.1	71,263	244,882	16.3	72,148	248,455	18.3	81,001	279,903
2022	457,011	16.1	73,579	246,666	16.3	74,493	250,265	18.3	83,633	281,942
2023	471,864	16.1	75,970	248,060	16.3	76,914	251,679	18.3	86,351	283,535
2024	487,200	16.1	78,439	249,019	16.3	79,414	252,652	18.3	89,158	284,631
2025	503,034	16.1	80,988	249,494	16.3	81,995	253,134	18.3	92,055	285,174

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(0% 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
2016	\$ 377,212	9.9%	\$37,344	\$ 136,832	12.2%	\$46,020	\$ 171,057	10.7%	\$40,362	\$ 150,748
2017	389,472	9.9	38,558	138,707	12.2	47,516	173,400	10.7	41,674	152,813
2018	402,130	9.9	39,811	140,456	12.2	49,060	175,586	10.7	43,028	154,740
2019	415,199	9.9	41,105	142,062	12.2	50,654	177,593	10.7	44,426	156,509
2020	428,693	9.9	42,441	143,505	12.2	52,301	179,398	10.7	45,870	158,099
2021	442,626	9.9	43,820	144,765	12.2	54,000	180,974	10.7	47,361	159,487
2022	457,011	9.9	45,244	145,820	12.2	55,755	182,292	10.7	48,900	160,649
2023	471,864	9.9	46,715	146,644	12.2	57,567	183,322	10.7	50,489	161,557
2024	487,200	9.9	48,233	147,211	12.2	59,438	184,031	10.7	52,130	162,182
2025	503,034	9.9	49,800	147,492	12.2	61,370	184,382	10.7	53,825	162,492

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
2016	\$ 377,212	12.8%	\$48,283	\$ 181,502	14.3%	\$53,941	\$ 205,264	14.8%	\$55,827	\$ 212,203
2017	389,472	12.8	49,852	183,989	14.3	55,694	208,076	14.8	57,642	215,110
2018	402,130	12.8	51,473	186,309	14.3	57,505	210,700	14.8	59,515	217,822
2019	415,199	12.8	53,145	188,439	14.3	59,373	213,109	14.8	61,449	220,312
2020	428,693	12.8	54,873	190,354	14.3	61,303	215,274	14.8	63,447	222,551
2021	442,626	12.8	56,656	192,026	14.3	63,296	217,165	14.8	65,509	224,506
2022	457,011	12.8	58,497	193,425	14.3	65,353	218,747	14.8	67,638	226,141
2023	471,864	12.8	60,399	194,518	14.3	67,477	219,983	14.8	69,836	227,419
2024	487,200	12.8	62,362	195,270	14.3	69,670	220,834	14.8	72,106	228,298
2025	503,034	12.8	64,388	195,643	14.3	71,934	221,256	14.8	74,449	228,734

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
2016	\$ 377,212	16.6%	\$62,617	\$ 239,481	16.9%	\$63,749	\$ 242,956	18.9%	\$71,293	\$ 273,737
2017	389,472	16.6	64,652	242,762	16.9	65,821	246,284	18.9	73,610	277,487
2018	402,130	16.6	66,754	245,823	16.9	67,960	249,389	18.9	76,003	280,986
2019	415,199	16.6	68,923	248,633	16.9	70,169	252,240	18.9	78,473	284,198
2020	428,693	16.6	71,163	251,159	16.9	72,449	254,803	18.9	81,023	287,086
2021	442,626	16.6	73,476	253,365	16.9	74,804	257,041	18.9	83,656	289,607
2022	457,011	16.6	75,864	255,211	16.9	77,235	258,913	18.9	86,375	291,717
2023	471,864	16.6	78,329	256,653	16.9	79,745	260,376	18.9	89,182	293,366
2024	487,200	16.6	80,875	257,645	16.9	82,337	261,383	18.9	92,081	294,500
2025	503,034	16.6	83,504	258,137	16.9	85,013	261,882	18.9	95,073	295,062

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% 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
2016	\$ 377,212	6.0%	\$22,633	\$ 111,814	8.2%	\$30,931	\$ 144,716	7.2%	\$27,159	\$ 130,399
2017	389,472	6.0	23,368	113,346	8.2	31,937	146,699	7.2	28,042	132,185
2018	402,130	6.0	24,128	114,775	8.2	32,975	148,549	7.2	28,953	133,852
2019	415,199	6.0	24,912	116,087	8.2	34,046	150,247	7.2	29,894	135,382
2020	428,693	6.0	25,722	117,267	8.2	35,153	151,774	7.2	30,866	136,758
2021	442,626	6.0	26,558	118,297	8.2	36,295	153,107	7.2	31,869	137,959
2022	457,011	6.0	27,421	119,159	8.2	37,475	154,222	7.2	32,905	138,964
2023	471,864	6.0	28,312	119,832	8.2	38,693	155,094	7.2	33,974	139,749
2024	487,200	6.0	29,232	120,295	8.2	39,950	155,694	7.2	35,078	140,289
2025	503,034	6.0	30,182	120,525	8.2	41,249	155,991	7.2	36,218	140,557

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
2016	\$ 377,212	9.1%	\$34,326	\$ 158,676	10.4%	\$39,230	\$ 177,434	10.9%	\$41,116	\$ 186,756
2017	389,472	9.1	35,442	160,850	10.4	40,505	179,865	10.9	42,452	189,315
2018	402,130	9.1	36,594	162,878	10.4	41,822	182,133	10.9	43,832	191,702
2019	415,199	9.1	37,783	164,740	10.4	43,181	184,215	10.9	45,257	193,894
2020	428,693	9.1	39,011	166,414	10.4	44,584	186,087	10.9	46,728	195,864
2021	442,626	9.1	40,279	167,876	10.4	46,033	187,721	10.9	48,246	197,584
2022	457,011	9.1	41,588	169,099	10.4	47,529	189,088	10.9	49,814	199,023
2023	471,864	9.1	42,940	170,055	10.4	49,074	190,157	10.9	51,433	200,148
2024	487,200	9.1	44,335	170,713	10.4	50,669	190,892	10.9	53,105	200,922
2025	503,034	9.1	45,776	171,039	10.4	52,316	191,257	10.9	54,831	201,306

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
2016	\$ 377,212	12.6%	\$47,529	\$ 209,961	13.0%	\$49,038	\$ 214,600	14.9%	\$56,205	\$ 242,396
2017	389,472	12.6	49,073	212,837	13.0	50,631	217,540	14.9	58,031	245,717
2018	402,130	12.6	50,668	215,521	13.0	52,277	220,283	14.9	59,917	248,815
2019	415,199	12.6	52,315	217,985	13.0	53,976	222,801	14.9	61,865	251,660
2020	428,693	12.6	54,015	220,200	13.0	55,730	225,065	14.9	63,875	254,217
2021	442,626	12.6	55,771	222,134	13.0	57,541	227,042	14.9	65,951	256,450
2022	457,011	12.6	57,583	223,752	13.0	59,411	228,696	14.9	68,095	258,318
2023	471,864	12.6	59,455	225,017	13.0	61,342	229,989	14.9	70,308	259,778
2024	487,200	12.6	61,387	225,887	13.0	63,336	230,878	14.9	72,593	260,783
2025	503,034	12.6	63,382	226,318	13.0	65,394	231,319	14.9	74,952	261,281

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)

(4% 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
2016	\$ 377,212	6.3%	\$23,764	\$ 116,450	8.6%	\$32,440	\$ 150,388	7.4%	\$27,914	\$ 135,699
2017	389,472	6.3	24,537	118,045	8.6	33,495	152,448	7.4	28,821	137,558
2018	402,130	6.3	25,334	119,533	8.6	34,583	154,370	7.4	29,758	139,293
2019	415,199	6.3	26,158	120,900	8.6	35,707	156,135	7.4	30,725	140,886
2020	428,693	6.3	27,008	122,128	8.6	36,868	157,721	7.4	31,723	142,318
2021	442,626	6.3	27,885	123,201	8.6	38,066	159,106	7.4	32,754	143,568
2022	457,011	6.3	28,792	124,098	8.6	39,303	160,265	7.4	33,819	144,614
2023	471,864	6.3	29,727	124,799	8.6	40,580	161,171	7.4	34,918	145,431
2024	487,200	6.3	30,694	125,282	8.6	41,899	161,794	7.4	36,053	145,993
2025	503,034	6.3	31,691	125,521	8.6	43,261	162,103	7.4	37,225	146,272

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
2016	\$ 377,212	9.5%	\$35,835	\$ 164,842	10.8%	\$40,739	\$ 184,245	11.4%	\$43,002	\$ 193,885
2017	389,472	9.5	37,000	167,100	10.8	42,063	186,769	11.4	44,400	196,541
2018	402,130	9.5	38,202	169,207	10.8	43,430	189,124	11.4	45,843	199,019
2019	415,199	9.5	39,444	171,142	10.8	44,841	191,286	11.4	47,333	201,294
2020	428,693	9.5	40,726	172,881	10.8	46,299	193,230	11.4	48,871	203,339
2021	442,626	9.5	42,049	174,399	10.8	47,804	194,927	11.4	50,459	205,125
2022	457,011	9.5	43,416	175,669	10.8	49,357	196,347	11.4	52,099	206,619
2023	471,864	9.5	44,827	176,662	10.8	50,961	197,457	11.4	53,792	207,787
2024	487,200	9.5	46,284	177,345	10.8	52,618	198,221	11.4	55,541	208,591
2025	503,034	9.5	47,788	177,684	10.8	54,328	198,599	11.4	57,346	208,989

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
2016	\$ 377,212	13.2%	\$49,792	\$ 217,851	13.5%	\$50,924	\$ 222,696	15.5%	\$58,468	\$ 251,432
2017	389,472	13.2	51,410	220,836	13.5	52,579	225,747	15.5	60,368	254,877
2018	402,130	13.2	53,081	223,621	13.5	54,288	228,594	15.5	62,330	258,091
2019	415,199	13.2	54,806	226,178	13.5	56,052	231,208	15.5	64,356	261,042
2020	428,693	13.2	56,587	228,476	13.5	57,874	233,557	15.5	66,447	263,694
2021	442,626	13.2	58,427	230,483	13.5	59,755	235,608	15.5	68,607	266,010
2022	457,011	13.2	60,325	232,162	13.5	61,696	237,324	15.5	70,837	267,948
2023	471,864	13.2	62,286	233,474	13.5	63,702	238,665	15.5	73,139	269,462
2024	487,200	13.2	64,310	234,377	13.5	65,772	239,588	15.5	75,516	270,504
2025	503,034	13.2	66,400	234,825	13.5	67,910	240,045	15.5	77,970	271,021

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(0% 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
2016	\$ 377,212	9.9%	\$37,344	\$ 136,375	12.1%	\$45,643	\$ 170,445	10.9%	\$41,116	\$ 154,915
2017	389,472	9.9	38,558	138,243	12.1	47,126	172,780	10.9	42,452	157,037
2018	402,130	9.9	39,811	139,986	12.1	48,658	174,959	10.9	43,832	159,017
2019	415,199	9.9	41,105	141,586	12.1	50,239	176,959	10.9	45,257	160,835
2020	428,693	9.9	42,441	143,025	12.1	51,872	178,757	10.9	46,728	162,469
2021	442,626	9.9	43,820	144,281	12.1	53,558	180,327	10.9	48,246	163,896
2022	457,011	9.9	45,244	145,332	12.1	55,298	181,641	10.9	49,814	165,090
2023	471,864	9.9	46,715	146,153	12.1	57,096	182,668	10.9	51,433	166,023
2024	487,200	9.9	48,233	146,718	12.1	58,951	183,374	10.9	53,105	166,665
2025	503,034	9.9	49,800	146,998	12.1	60,867	183,724	10.9	54,831	166,983

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
2016	\$ 377,212	13.0%	\$49,038	\$ 184,351	14.3%	\$53,941	\$ 204,547	14.8%	\$55,827	\$ 213,835
2017	389,472	13.0	50,631	186,877	14.3	55,694	207,349	14.8	57,642	216,765
2018	402,130	13.0	52,277	189,233	14.3	57,505	209,964	14.8	59,515	219,498
2019	415,199	13.0	53,976	191,396	14.3	59,373	212,365	14.8	61,449	222,008
2020	428,693	13.0	55,730	193,341	14.3	61,303	214,523	14.8	63,447	224,264
2021	442,626	13.0	57,541	195,039	14.3	63,296	216,407	14.8	65,509	226,234
2022	457,011	13.0	59,411	196,460	14.3	65,353	217,983	14.8	67,638	227,882
2023	471,864	13.0	61,342	197,570	14.3	67,477	219,215	14.8	69,836	229,170
2024	487,200	13.0	63,336	198,334	14.3	69,670	220,063	14.8	72,106	230,056
2025	503,034	13.0	65,394	198,713	14.3	71,934	220,483	14.8	74,449	230,495

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
2016	\$ 377,212	16.5%	\$62,240	\$ 238,640	16.9%	\$63,749	\$ 243,288	18.8%	\$70,916	\$ 272,725
2017	389,472	16.5	64,263	241,909	16.9	65,821	246,621	18.8	73,221	276,461
2018	402,130	16.5	66,351	244,959	16.9	67,960	249,731	18.8	75,600	279,947
2019	415,199	16.5	68,508	247,760	16.9	70,169	252,586	18.8	78,057	283,148
2020	428,693	16.5	70,734	250,277	16.9	72,449	255,153	18.8	80,594	286,025
2021	442,626	16.5	73,033	252,475	16.9	74,804	257,394	18.8	83,214	288,537
2022	457,011	16.5	75,407	254,314	16.9	77,235	259,269	18.8	85,918	290,639
2023	471,864	16.5	77,858	255,751	16.9	79,745	260,734	18.8	88,710	292,282
2024	487,200	16.5	80,388	256,740	16.9	82,337	261,742	18.8	91,594	293,412
2025	503,034	16.5	83,001	257,230	16.9	85,013	262,242	18.8	94,570	293,972

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.

Randolph County Developmental Disability Service - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(0% 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
2016	\$ 377,212	10.1%	\$38,098	\$ 141,097	12.5%	\$47,152	\$ 176,370	11.3%	\$42,625	\$ 160,296
2017	389,472	10.1	39,337	143,030	12.5	48,684	178,786	11.3	44,010	162,492
2018	402,130	10.1	40,615	144,834	12.5	50,266	181,040	11.3	45,441	164,541
2019	415,199	10.1	41,935	146,490	12.5	51,900	183,110	11.3	46,917	166,422
2020	428,693	10.1	43,298	147,978	12.5	53,587	184,971	11.3	48,442	168,113
2021	442,626	10.1	44,705	149,278	12.5	55,328	186,595	11.3	50,017	169,589
2022	457,011	10.1	46,158	150,365	12.5	57,126	187,954	11.3	51,642	170,824
2023	471,864	10.1	47,658	151,215	12.5	58,983	189,016	11.3	53,321	171,789
2024	487,200	10.1	49,207	151,800	12.5	60,900	189,747	11.3	55,054	172,453
2025	503,034	10.1	50,806	152,090	12.5	62,879	190,109	11.3	56,843	172,782

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
2016	\$ 377,212	13.4%	\$50,546	\$ 190,803	14.7%	\$55,450	\$ 211,656	15.3%	\$57,714	\$ 221,226
2017	389,472	13.4	52,189	193,417	14.7	57,252	214,556	15.3	59,589	224,257
2018	402,130	13.4	53,885	195,856	14.7	59,113	217,261	15.3	61,526	227,085
2019	415,199	13.4	55,637	198,095	14.7	61,034	219,745	15.3	63,525	229,681
2020	428,693	13.4	57,445	200,108	14.7	63,018	221,978	15.3	65,590	232,015
2021	442,626	13.4	59,312	201,865	14.7	65,066	223,927	15.3	67,722	234,053
2022	457,011	13.4	61,239	203,335	14.7	67,181	225,558	15.3	69,923	235,758
2023	471,864	13.4	63,230	204,484	14.7	69,364	226,833	15.3	72,195	237,090
2024	487,200	13.4	65,285	205,275	14.7	71,618	227,710	15.3	74,542	238,007
2025	503,034	13.4	67,407	205,667	14.7	73,946	228,145	15.3	76,964	238,461

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
2016	\$ 377,212	17.1%	\$64,503	\$ 246,921	17.4%	\$65,635	\$ 251,747	19.4%	\$73,179	\$ 282,213
2017	389,472	17.1	66,600	250,304	17.4	67,768	255,196	19.4	75,558	286,079
2018	402,130	17.1	68,764	253,460	17.4	69,971	258,414	19.4	78,013	289,686
2019	415,199	17.1	70,999	256,358	17.4	72,245	261,368	19.4	80,549	292,998
2020	428,693	17.1	73,307	258,963	17.4	74,593	264,024	19.4	83,166	295,975
2021	442,626	17.1	75,689	261,237	17.4	77,017	266,343	19.4	85,869	298,574
2022	457,011	17.1	78,149	263,140	17.4	79,520	268,283	19.4	88,660	300,749
2023	471,864	17.1	80,689	264,627	17.4	82,104	269,799	19.4	91,542	302,449
2024	487,200	17.1	83,311	265,650	17.4	84,773	270,842	19.4	94,517	303,619
2025	503,034	17.1	86,019	266,157	17.4	87,528	271,359	19.4	97,589	304,199

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.