



**THE INITIAL ACTUARIAL VALUATION FOR
WRIGHT COUNTY EMERGENCY SERVICES BOARD
AS OF JUNE 30, 2016**

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August 12, 2016

Wright County Emergency Services Board
Mountain Grove, 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.

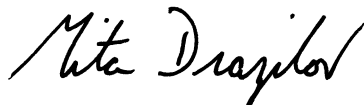
Please note that this entire report must be available as public information for at least 45 calendar days prior to the date final official action is taken by your governing body to join the System. You may wish to make notice of this report in the official minutes of the next meeting of your governing 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 June 30, 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,

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

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.

Wright County Emergency Services Board

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	0.10%	4.20%	0.20%	4.50%
L-3	General	0.10	5.80	0.30	6.20
LT-4(65)	General	0.10	4.90	0.20	5.20
LT-5(65)	General	0.10	6.30	0.30	6.70
L-7	General	0.10	7.40	0.30	7.80
LT-8(65)	General	0.10	7.80	0.30	8.20
L-12	General	0.20	9.10	0.40	9.70
LT-14(65)	General	0.20	9.30	0.40	9.90
L-6	General	0.20	10.70	0.50	11.40

* 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.

Wright County Emergency Services Board

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	0.10%	4.40%	0.20%	4.70%
L-3	General	0.10	6.10	0.30	6.50
LT-4(65)	General	0.10	5.20	0.20	5.50
LT-5(65)	General	0.10	6.70	0.30	7.10
L-7	General	0.10	7.80	0.30	8.20
LT-8(65)	General	0.20	8.20	0.30	8.70
L-12	General	0.20	9.50	0.40	10.10
LT-14(65)	General	0.20	9.70	0.40	10.30
L-6	General	0.20	11.20	0.50	11.90

* 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.

Wright County Emergency Services Board

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	0.10%	7.70%	0.20%	8.00%
L-3	General	0.10	9.40	0.30	9.80
LT-4(65)	General	0.10	8.40	0.20	8.70
LT-5(65)	General	0.10	9.90	0.30	10.30
L-7	General	0.20	11.10	0.30	11.60
LT-8(65)	General	0.20	11.40	0.30	11.90
L-12	General	0.20	12.80	0.40	13.40
LT-14(65)	General	0.20	12.90	0.40	13.50
L-6	General	0.20	14.40	0.50	15.10

* 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.

Wright County Emergency Services Board

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	0.10%	7.90%	0.20%	8.20%
L-3	General	0.10	9.70	0.30	10.10
LT-4(65)	General	0.10	8.70	0.20	9.00
LT-5(65)	General	0.10	10.20	0.30	10.60
L-7	General	0.20	11.40	0.30	11.90
LT-8(65)	General	0.20	11.80	0.30	12.30
L-12	General	0.20	13.20	0.40	13.80
LT-14(65)	General	0.20	13.40	0.40	14.00
L-6	General	0.20	14.90	0.50	15.60

* 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.

Wright County Emergency Services Board

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	0.10%	4.40%	0.20%	4.70%
L-3	General	0.10	6.00	0.30	6.40
LT-4(65)	General	0.10	5.40	0.20	5.70
LT-5(65)	General	0.10	6.80	0.30	7.20
L-7	General	0.10	7.70	0.30	8.10
LT-8(65)	General	0.10	8.20	0.30	8.60
L-12	General	0.20	9.40	0.40	10.00
LT-14(65)	General	0.20	9.70	0.40	10.30
L-6	General	0.20	11.10	0.50	11.80

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.

Wright County Emergency Services Board

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	0.10%	4.60%	0.20%	4.90%
L-3	General	0.10	6.30	0.30	6.70
LT-4(65)	General	0.10	5.60	0.20	5.90
LT-5(65)	General	0.10	7.10	0.30	7.50
L-7	General	0.10	8.10	0.30	8.50
LT-8(65)	General	0.20	8.60	0.30	9.10
L-12	General	0.20	9.80	0.40	10.40
LT-14(65)	General	0.20	10.10	0.40	10.70
L-6	General	0.20	11.60	0.50	12.30

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Wright County Emergency Services Board

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	0.10%	7.90%	0.20%	8.20%
L-3	General	0.10	9.60	0.30	10.00
LT-4(65)	General	0.10	8.90	0.20	9.20
LT-5(65)	General	0.10	10.40	0.30	10.80
L-7	General	0.20	11.40	0.30	11.90
LT-8(65)	General	0.20	11.80	0.30	12.30
L-12	General	0.20	13.10	0.40	13.70
LT-14(65)	General	0.20	13.30	0.40	13.90
L-6	General	0.20	14.80	0.50	15.50

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

* Assumes that credit is granted for 100% of service rendered prior to the membership date. 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.

Wright County Emergency Services Board

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	0.10%	8.10%	0.20%	8.40%
L-3	General	0.10	9.90	0.30	10.30
LT-4(65)	General	0.10	9.10	0.20	9.40
LT-5(65)	General	0.10	10.70	0.30	11.10
L-7	General	0.20	11.70	0.30	12.20
LT-8(65)	General	0.20	12.20	0.30	12.70
L-12	General	0.20	13.50	0.40	14.10
LT-14(65)	General	0.20	13.80	0.40	14.40
L-6	General	0.20	15.30	0.50	16.00

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.

Wright County Emergency Services Board

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	\$ 10,685
L-3	14,721
LT-4(65)	12,347
LT-5(65)	15,909
L-7	18,520
LT-8(65)	19,470
L-12	23,032
LT-14(65)	23,507
L-6	27,068

3 Year FAS	
Benefit Program	General
L-1	\$ 11,160
L-3	15,434
LT-4(65)	13,059
LT-5(65)	16,858
L-7	19,470
LT-8(65)	20,657
L-12	23,982
LT-14(65)	24,457
L-6	28,256

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 18,995
L-3	23,269
LT-4(65)	20,657
LT-5(65)	24,457
L-7	27,543
LT-8(65)	28,256
L-12	31,817
LT-14(65)	32,055
L-6	35,854

3 Year FAS	
Benefit Program	General
L-1	\$ 19,470
L-3	23,982
LT-4(65)	21,370
LT-5(65)	25,169
L-7	28,256
LT-8(65)	29,205
L-12	32,767
LT-14(65)	33,242
L-6	37,041

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.

Wright County Emergency Services Board

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	\$ 11,160
L-3	15,196
LT-4(65)	13,534
LT-5(65)	17,096
L-7	19,233
LT-8(65)	20,420
L-12	23,744
LT-14(65)	24,457
L-6	28,018

3 Year FAS	
Benefit Program	General
L-1	\$ 11,635
L-3	15,909
LT-4(65)	14,009
LT-5(65)	17,808
L-7	20,183
LT-8(65)	21,607
L-12	24,694
LT-14(65)	25,406
L-6	29,205

Non-Contributory Plan

5 Year FAS	
Benefit Program	General
L-1	\$ 19,470
L-3	23,744
LT-4(65)	21,845
LT-5(65)	25,644
L-7	28,256
LT-8(65)	29,205
L-12	32,530
LT-14(65)	33,004
L-6	36,804

3 Year FAS	
Benefit Program	General
L-1	\$ 19,945
L-3	24,457
LT-4(65)	22,320
LT-5(65)	26,356
L-7	28,968
LT-8(65)	30,155
L-12	33,479
LT-14(65)	34,192
L-6	37,991

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.

Wright County Emergency Services Board

Employees and Payroll Included in the Valuation

	General
Number of Employees	10
Annual Payroll	\$ 237,442

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:

Wright County Emergency Services Board

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	\$ 3,713	\$ 3,885	\$ 4,293	\$ 4,472
L-3	General	4,785	4,974	5,382	5,582
LT-4(65)	General	4,313	4,487	4,891	5,080
LT-5(65)	General	5,219	5,436	5,821	6,033
L-7	General	5,895	6,107	6,477	6,671
LT-8(65)	General	6,189	6,407	6,759	6,982
L-12	General	6,950	7,202	7,562	7,817
LT-14(65)	General	7,084	7,375	7,710	7,982
L-6	General	8,031	8,363	8,653	8,911

Wright County Emergency Services Board

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	\$ 3,723	\$ 3,874	\$ 4,295	\$ 4,469
L-3	General	4,823	4,989	5,381	5,587
LT-4(65)	General	4,308	4,496	4,877	5,078
LT-5(65)	General	5,257	5,460	5,807	6,050
L-7	General	5,867	6,110	6,458	6,688
LT-8(65)	General	6,169	6,410	6,754	6,999
L-12	General	6,969	7,214	7,558	7,813
LT-14(65)	General	7,108	7,364	7,685	7,958
L-6	General	8,035	8,343	8,630	8,905

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**

Wright County Emergency Services Board

June 30, 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	1							1	\$ 19,988
25-29	1							1	\$ 19,988
30-34	1							1	\$ 18,720
35-39	1							1	\$ 27,040
40-44	2							2	\$ 47,028
45-49	2							2	\$ 38,708
50-54	1							1	\$ 47,250
55-59	1							1	\$ 18,720
60-64									
65-69									
70 & Over									
Totals	10							10	\$ 237,442

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

Age: 41.4 years.

Benefit Service: 0.1 years.

Annual Pay: \$23,744.

August 12, 2016 E-mail

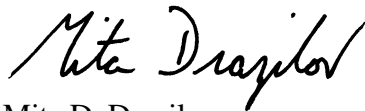
Mr. Keith Hughes, Executive Secretary
Missouri Local Government
Employees Retirement System
P.O. Box 1665
Jefferson City, Missouri 65102

Dear Keith:

Enclosed is the report of the June 30, 2016 Initial Actuarial
Valuation of LAGERS benefits for the employees of

Wright County Emergency Services Board

Sincerely,



Mita D. Drazilov

MDD:adh

August 12, 2016

Wright County Emergency Services Board
Mountain Grove, Missouri

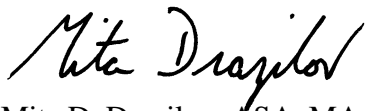
Ladies and Gentlemen:

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 June 30, 2016 Initial Valuation for the Wright County Emergency Services Board dated August 12, 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

Wright County Emergency Services Board - 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	\$ 237,442	4.5%	\$10,685	\$ 3,713	6.2%	\$14,721	\$ 4,785	5.2%	\$12,347	\$ 4,313
2017	245,159	4.5	11,032	3,764	6.2	15,200	4,851	5.2	12,748	4,372
2018	253,127	4.5	11,391	3,811	6.2	15,694	4,912	5.2	13,163	4,427
2019	261,354	4.5	11,761	3,855	6.2	16,204	4,968	5.2	13,590	4,478
2020	269,848	4.5	12,143	3,894	6.2	16,731	5,018	5.2	14,032	4,524
2021	278,618	4.5	12,538	3,928	6.2	17,274	5,062	5.2	14,488	4,564
2022	287,673	4.5	12,945	3,957	6.2	17,836	5,099	5.2	14,959	4,597
2023	297,022	4.5	13,366	3,979	6.2	18,415	5,128	5.2	15,445	4,623
2024	306,675	4.5	13,800	3,994	6.2	19,014	5,148	5.2	15,947	4,641
2025	316,642	4.5	14,249	4,002	6.2	19,632	5,158	5.2	16,465	4,650

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	\$ 237,442	6.7%	\$15,909	\$ 5,219	7.8%	\$18,520	\$ 5,895	8.2%	\$19,470	\$ 6,189
2017	245,159	6.7	16,426	5,290	7.8	19,122	5,976	8.2	20,103	6,274
2018	253,127	6.7	16,960	5,357	7.8	19,744	6,051	8.2	20,756	6,353
2019	261,354	6.7	17,511	5,418	7.8	20,386	6,120	8.2	21,431	6,426
2020	269,848	6.7	18,080	5,473	7.8	21,048	6,182	8.2	22,128	6,491
2021	278,618	6.7	18,667	5,521	7.8	21,732	6,236	8.2	22,847	6,548
2022	287,673	6.7	19,274	5,561	7.8	22,438	6,281	8.2	23,589	6,596
2023	297,022	6.7	19,900	5,592	7.8	23,168	6,316	8.2	24,356	6,633
2024	306,675	6.7	20,547	5,614	7.8	23,921	6,340	8.2	25,147	6,659
2025	316,642	6.7	21,215	5,625	7.8	24,698	6,352	8.2	25,965	6,672

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	\$ 237,442	9.7%	\$23,032	\$ 6,950	9.9%	\$23,507	\$ 7,084	11.4%	\$27,068	\$ 8,031
2017	245,159	9.7	23,780	7,045	9.9	24,271	7,181	11.4	27,948	8,141
2018	253,127	9.7	24,553	7,134	9.9	25,060	7,272	11.4	28,856	8,244
2019	261,354	9.7	25,351	7,216	9.9	25,874	7,355	11.4	29,794	8,338
2020	269,848	9.7	26,175	7,289	9.9	26,715	7,430	11.4	30,763	8,423
2021	278,618	9.7	27,026	7,353	9.9	27,583	7,495	11.4	31,762	8,497
2022	287,673	9.7	27,904	7,407	9.9	28,480	7,550	11.4	32,795	8,559
2023	297,022	9.7	28,811	7,449	9.9	29,405	7,593	11.4	33,861	8,607
2024	306,675	9.7	29,747	7,478	9.9	30,361	7,622	11.4	34,961	8,640
2025	316,642	9.7	30,714	7,492	9.9	31,348	7,637	11.4	36,097	8,656

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.

Wright County Emergency Services Board - 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	\$ 237,442	4.7%	\$11,160	\$ 3,885	6.5%	\$15,434	\$ 4,974	5.5%	\$13,059	\$ 4,487
2017	245,159	4.7	11,522	3,938	6.5	15,935	5,042	5.5	13,484	4,548
2018	253,127	4.7	11,897	3,988	6.5	16,453	5,106	5.5	13,922	4,605
2019	261,354	4.7	12,284	4,034	6.5	16,988	5,164	5.5	14,374	4,658
2020	269,848	4.7	12,683	4,075	6.5	17,540	5,216	5.5	14,842	4,705
2021	278,618	4.7	13,095	4,111	6.5	18,110	5,262	5.5	15,324	4,746
2022	287,673	4.7	13,521	4,141	6.5	18,699	5,300	5.5	15,822	4,781
2023	297,022	4.7	13,960	4,164	6.5	19,306	5,330	5.5	16,336	4,808
2024	306,675	4.7	14,414	4,180	6.5	19,934	5,351	5.5	16,867	4,827
2025	316,642	4.7	14,882	4,188	6.5	20,582	5,361	5.5	17,415	4,836

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	\$ 237,442	7.1%	\$16,858	\$ 5,436	8.2%	\$19,470	\$ 6,107	8.7%	\$20,657	\$ 6,407
2017	245,159	7.1	17,406	5,510	8.2	20,103	6,191	8.7	21,329	6,495
2018	253,127	7.1	17,972	5,579	8.2	20,756	6,269	8.7	22,022	6,577
2019	261,354	7.1	18,556	5,643	8.2	21,431	6,341	8.7	22,738	6,652
2020	269,848	7.1	19,159	5,700	8.2	22,128	6,405	8.7	23,477	6,720
2021	278,618	7.1	19,782	5,750	8.2	22,847	6,461	8.7	24,240	6,779
2022	287,673	7.1	20,425	5,792	8.2	23,589	6,508	8.7	25,028	6,828
2023	297,022	7.1	21,089	5,825	8.2	24,356	6,545	8.7	25,841	6,867
2024	306,675	7.1	21,774	5,848	8.2	25,147	6,570	8.7	26,681	6,894
2025	316,642	7.1	22,482	5,859	8.2	25,965	6,583	8.7	27,548	6,907

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	\$ 237,442	10.1%	\$23,982	\$ 7,202	10.3%	\$24,457	\$ 7,375	11.9%	\$28,256	\$ 8,363
2017	245,159	10.1	24,761	7,301	10.3	25,251	7,476	11.9	29,174	8,478
2018	253,127	10.1	25,566	7,393	10.3	26,072	7,570	11.9	30,122	8,585
2019	261,354	10.1	26,397	7,478	10.3	26,919	7,657	11.9	31,101	8,683
2020	269,848	10.1	27,255	7,554	10.3	27,794	7,735	11.9	32,112	8,771
2021	278,618	10.1	28,140	7,620	10.3	28,698	7,803	11.9	33,156	8,848
2022	287,673	10.1	29,055	7,676	10.3	29,630	7,860	11.9	34,233	8,912
2023	297,022	10.1	29,999	7,719	10.3	30,593	7,904	11.9	35,346	8,962
2024	306,675	10.1	30,974	7,749	10.3	31,588	7,935	11.9	36,494	8,997
2025	316,642	10.1	31,981	7,764	10.3	32,614	7,950	11.9	37,680	9,014

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.

Wright County Emergency Services Board - 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	\$ 237,442	8.0%	\$18,995	\$ 4,293	9.8%	\$23,269	\$ 5,382	8.7%	\$20,657	\$ 4,891
2017	245,159	8.0	19,613	4,352	9.8	24,026	5,456	8.7	21,329	4,958
2018	253,127	8.0	20,250	4,407	9.8	24,806	5,525	8.7	22,022	5,021
2019	261,354	8.0	20,908	4,457	9.8	25,613	5,588	8.7	22,738	5,078
2020	269,848	8.0	21,588	4,502	9.8	26,445	5,645	8.7	23,477	5,130
2021	278,618	8.0	22,289	4,542	9.8	27,305	5,695	8.7	24,240	5,175
2022	287,673	8.0	23,014	4,575	9.8	28,192	5,736	8.7	25,028	5,213
2023	297,022	8.0	23,762	4,601	9.8	29,108	5,768	8.7	25,841	5,242
2024	306,675	8.0	24,534	4,619	9.8	30,054	5,790	8.7	26,681	5,262
2025	316,642	8.0	25,331	4,628	9.8	31,031	5,801	8.7	27,548	5,272

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	\$ 237,442	10.3%	\$24,457	\$ 5,821	11.6%	\$27,543	\$ 6,477	11.9%	\$28,256	\$ 6,759
2017	245,159	10.3	25,251	5,901	11.6	28,438	6,566	11.9	29,174	6,852
2018	253,127	10.3	26,072	5,975	11.6	29,363	6,649	11.9	30,122	6,938
2019	261,354	10.3	26,919	6,043	11.6	30,317	6,725	11.9	31,101	7,017
2020	269,848	10.3	27,794	6,104	11.6	31,302	6,793	11.9	32,112	7,088
2021	278,618	10.3	28,698	6,158	11.6	32,320	6,853	11.9	33,156	7,150
2022	287,673	10.3	29,630	6,203	11.6	33,370	6,903	11.9	34,233	7,202
2023	297,022	10.3	30,593	6,238	11.6	34,455	6,942	11.9	35,346	7,243
2024	306,675	10.3	31,588	6,262	11.6	35,574	6,969	11.9	36,494	7,271
2025	316,642	10.3	32,614	6,274	11.6	36,730	6,982	11.9	37,680	7,285

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	\$ 237,442	13.4%	\$31,817	\$ 7,562	13.5%	\$32,055	\$ 7,710	15.1%	\$35,854	\$ 8,653
2017	245,159	13.4	32,851	7,666	13.5	33,096	7,816	15.1	37,019	8,772
2018	253,127	13.4	33,919	7,763	13.5	34,172	7,915	15.1	38,222	8,883
2019	261,354	13.4	35,021	7,852	13.5	35,283	8,005	15.1	39,464	8,985
2020	269,848	13.4	36,160	7,932	13.5	36,429	8,086	15.1	40,747	9,076
2021	278,618	13.4	37,335	8,002	13.5	37,613	8,157	15.1	42,071	9,156
2022	287,673	13.4	38,548	8,060	13.5	38,836	8,216	15.1	43,439	9,223
2023	297,022	13.4	39,801	8,106	13.5	40,098	8,262	15.1	44,850	9,275
2024	306,675	13.4	41,094	8,137	13.5	41,401	8,294	15.1	46,308	9,311
2025	316,642	13.4	42,430	8,153	13.5	42,747	8,310	15.1	47,813	9,329

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.

Wright County Emergency Services Board - 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	\$ 237,442	8.2%	\$19,470	\$ 4,472	10.1%	\$23,982	\$ 5,582	9.0%	\$21,370	\$ 5,080
2017	245,159	8.2	20,103	4,533	10.1	24,761	5,658	9.0	22,064	5,150
2018	253,127	8.2	20,756	4,590	10.1	25,566	5,729	9.0	22,781	5,215
2019	261,354	8.2	21,431	4,642	10.1	26,397	5,794	9.0	23,522	5,275
2020	269,848	8.2	22,128	4,689	10.1	27,255	5,853	9.0	24,286	5,329
2021	278,618	8.2	22,847	4,730	10.1	28,140	5,904	9.0	25,076	5,376
2022	287,673	8.2	23,589	4,764	10.1	29,055	5,947	9.0	25,891	5,415
2023	297,022	8.2	24,356	4,791	10.1	29,999	5,981	9.0	26,732	5,446
2024	306,675	8.2	25,147	4,810	10.1	30,974	6,004	9.0	27,601	5,467
2025	316,642	8.2	25,965	4,819	10.1	31,981	6,015	9.0	28,498	5,477

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	\$ 237,442	10.6%	\$25,169	\$ 6,033	11.9%	\$28,256	\$ 6,671	12.3%	\$29,205	\$ 6,982
2017	245,159	10.6	25,987	6,116	11.9	29,174	6,762	12.3	30,155	7,078
2018	253,127	10.6	26,831	6,193	11.9	30,122	6,847	12.3	31,135	7,167
2019	261,354	10.6	27,704	6,264	11.9	31,101	6,925	12.3	32,147	7,249
2020	269,848	10.6	28,604	6,328	11.9	32,112	6,995	12.3	33,191	7,323
2021	278,618	10.6	29,534	6,384	11.9	33,156	7,056	12.3	34,270	7,387
2022	287,673	10.6	30,493	6,431	11.9	34,233	7,107	12.3	35,384	7,441
2023	297,022	10.6	31,484	6,467	11.9	35,346	7,147	12.3	36,534	7,483
2024	306,675	10.6	32,508	6,492	11.9	36,494	7,175	12.3	37,721	7,512
2025	316,642	10.6	33,564	6,504	11.9	37,680	7,189	12.3	38,947	7,526

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	\$ 237,442	13.8%	\$32,767	\$ 7,817	14.0%	\$33,242	\$ 7,982	15.6%	\$37,041	\$ 8,911
2017	245,159	13.8	33,832	7,924	14.0	34,322	8,091	15.6	38,245	9,033
2018	253,127	13.8	34,932	8,024	14.0	35,438	8,193	15.6	39,488	9,147
2019	261,354	13.8	36,067	8,116	14.0	36,590	8,287	15.6	40,771	9,252
2020	269,848	13.8	37,239	8,198	14.0	37,779	8,371	15.6	42,096	9,346
2021	278,618	13.8	38,449	8,270	14.0	39,007	8,445	15.6	43,464	9,428
2022	287,673	13.8	39,699	8,330	14.0	40,274	8,507	15.6	44,877	9,497
2023	297,022	13.8	40,989	8,377	14.0	41,583	8,555	15.6	46,335	9,551
2024	306,675	13.8	42,321	8,409	14.0	42,935	8,588	15.6	47,841	9,588
2025	316,642	13.8	43,697	8,425	14.0	44,330	8,604	15.6	49,396	9,606

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.

Wright County Emergency Services Board - 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	\$ 237,442	4.7%	\$11,160	\$ 3,723	6.4%	\$15,196	\$ 4,823	5.7%	\$13,534	\$ 4,308
2017	245,159	4.7	11,522	3,774	6.4	15,690	4,889	5.7	13,974	4,367
2018	253,127	4.7	11,897	3,822	6.4	16,200	4,951	5.7	14,428	4,422
2019	261,354	4.7	12,284	3,866	6.4	16,727	5,008	5.7	14,897	4,473
2020	269,848	4.7	12,683	3,905	6.4	17,270	5,059	5.7	15,381	4,518
2021	278,618	4.7	13,095	3,939	6.4	17,832	5,103	5.7	15,881	4,558
2022	287,673	4.7	13,521	3,968	6.4	18,411	5,140	5.7	16,397	4,591
2023	297,022	4.7	13,960	3,990	6.4	19,009	5,169	5.7	16,930	4,617
2024	306,675	4.7	14,414	4,005	6.4	19,627	5,189	5.7	17,480	4,635
2025	316,642	4.7	14,882	4,013	6.4	20,265	5,199	5.7	18,049	4,644

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	\$ 237,442	7.2%	\$17,096	\$ 5,257	8.1%	\$19,233	\$ 5,867	8.6%	\$20,420	\$ 6,169
2017	245,159	7.2	17,651	5,329	8.1	19,858	5,947	8.6	21,084	6,254
2018	253,127	7.2	18,225	5,396	8.1	20,503	6,022	8.6	21,769	6,333
2019	261,354	7.2	18,817	5,458	8.1	21,170	6,091	8.6	22,476	6,405
2020	269,848	7.2	19,429	5,513	8.1	21,858	6,153	8.6	23,207	6,470
2021	278,618	7.2	20,060	5,561	8.1	22,568	6,207	8.6	23,961	6,527
2022	287,673	7.2	20,712	5,602	8.1	23,302	6,252	8.6	24,740	6,575
2023	297,022	7.2	21,386	5,634	8.1	24,059	6,287	8.6	25,544	6,612
2024	306,675	7.2	22,081	5,656	8.1	24,841	6,311	8.6	26,374	6,638
2025	316,642	7.2	22,798	5,667	8.1	25,648	6,323	8.6	27,231	6,651

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	\$ 237,442	10.0%	\$23,744	\$ 6,969	10.3%	\$24,457	\$ 7,108	11.8%	\$28,018	\$ 8,035
2017	245,159	10.0	24,516	7,064	10.3	25,251	7,205	11.8	28,929	8,145
2018	253,127	10.0	25,313	7,153	10.3	26,072	7,296	11.8	29,869	8,248
2019	261,354	10.0	26,135	7,235	10.3	26,919	7,379	11.8	30,840	8,342
2020	269,848	10.0	26,985	7,309	10.3	27,794	7,454	11.8	31,842	8,427
2021	278,618	10.0	27,862	7,373	10.3	28,698	7,519	11.8	32,877	8,501
2022	287,673	10.0	28,767	7,427	10.3	29,630	7,574	11.8	33,945	8,563
2023	297,022	10.0	29,702	7,469	10.3	30,593	7,617	11.8	35,049	8,611
2024	306,675	10.0	30,668	7,498	10.3	31,588	7,646	11.8	36,188	8,644
2025	316,642	10.0	31,664	7,512	10.3	32,614	7,661	11.8	37,364	8,661

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.

Wright County Emergency Services Board - 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	\$ 237,442	4.9%	\$11,635	\$ 3,874	6.7%	\$15,909	\$ 4,989	5.9%	\$14,009	\$ 4,496
2017	245,159	4.9	12,013	3,927	6.7	16,426	5,057	5.9	14,464	4,558
2018	253,127	4.9	12,403	3,977	6.7	16,960	5,121	5.9	14,934	4,615
2019	261,354	4.9	12,806	4,022	6.7	17,511	5,180	5.9	15,420	4,668
2020	269,848	4.9	13,223	4,063	6.7	18,080	5,233	5.9	15,921	4,715
2021	278,618	4.9	13,652	4,099	6.7	18,667	5,279	5.9	16,438	4,756
2022	287,673	4.9	14,096	4,129	6.7	19,274	5,317	5.9	16,973	4,791
2023	297,022	4.9	14,554	4,152	6.7	19,900	5,347	5.9	17,524	4,818
2024	306,675	4.9	15,027	4,168	6.7	20,547	5,368	5.9	18,094	4,837
2025	316,642	4.9	15,515	4,176	6.7	21,215	5,378	5.9	18,682	4,846

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	\$ 237,442	7.5%	\$17,808	\$ 5,460	8.5%	\$20,183	\$ 6,110	9.1%	\$21,607	\$ 6,410
2017	245,159	7.5	18,387	5,535	8.5	20,839	6,194	9.1	22,309	6,498
2018	253,127	7.5	18,985	5,605	8.5	21,516	6,272	9.1	23,035	6,580
2019	261,354	7.5	19,602	5,669	8.5	22,215	6,344	9.1	23,783	6,655
2020	269,848	7.5	20,239	5,727	8.5	22,937	6,408	9.1	24,556	6,723
2021	278,618	7.5	20,896	5,777	8.5	23,683	6,464	9.1	25,354	6,782
2022	287,673	7.5	21,575	5,819	8.5	24,452	6,511	9.1	26,178	6,831
2023	297,022	7.5	22,277	5,852	8.5	25,247	6,548	9.1	27,029	6,870
2024	306,675	7.5	23,001	5,875	8.5	26,067	6,573	9.1	27,907	6,897
2025	316,642	7.5	23,748	5,886	8.5	26,915	6,586	9.1	28,814	6,910

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	\$ 237,442	10.4%	\$24,694	\$ 7,214	10.7%	\$25,406	\$ 7,364	12.3%	\$29,205	\$ 8,343
2017	245,159	10.4	25,497	7,313	10.7	26,232	7,465	12.3	30,155	8,457
2018	253,127	10.4	26,325	7,405	10.7	27,085	7,559	12.3	31,135	8,564
2019	261,354	10.4	27,181	7,490	10.7	27,965	7,645	12.3	32,147	8,662
2020	269,848	10.4	28,064	7,566	10.7	28,874	7,723	12.3	33,191	8,750
2021	278,618	10.4	28,976	7,632	10.7	29,812	7,791	12.3	34,270	8,827
2022	287,673	10.4	29,918	7,688	10.7	30,781	7,848	12.3	35,384	8,891
2023	297,022	10.4	30,890	7,731	10.7	31,781	7,892	12.3	36,534	8,941
2024	306,675	10.4	31,894	7,761	10.7	32,814	7,923	12.3	37,721	8,976
2025	316,642	10.4	32,931	7,776	10.7	33,881	7,938	12.3	38,947	8,993

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.

Wright County Emergency Services Board - 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	\$ 237,442	8.2%	\$19,470	\$ 4,295	10.0%	\$23,744	\$ 5,381	9.2%	\$21,845	\$ 4,877
2017	245,159	8.2	20,103	4,354	10.0	24,516	5,455	9.2	22,555	4,944
2018	253,127	8.2	20,756	4,409	10.0	25,313	5,524	9.2	23,288	5,006
2019	261,354	8.2	21,431	4,459	10.0	26,135	5,587	9.2	24,045	5,063
2020	269,848	8.2	22,128	4,504	10.0	26,985	5,644	9.2	24,826	5,114
2021	278,618	8.2	22,847	4,544	10.0	27,862	5,694	9.2	25,633	5,159
2022	287,673	8.2	23,589	4,577	10.0	28,767	5,735	9.2	26,466	5,197
2023	297,022	8.2	24,356	4,603	10.0	29,702	5,767	9.2	27,326	5,226
2024	306,675	8.2	25,147	4,621	10.0	30,668	5,789	9.2	28,214	5,246
2025	316,642	8.2	25,965	4,630	10.0	31,664	5,800	9.2	29,131	5,256

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	\$ 237,442	10.8%	\$25,644	\$ 5,807	11.9%	\$28,256	\$ 6,458	12.3%	\$29,205	\$ 6,754
2017	245,159	10.8	26,477	5,887	11.9	29,174	6,546	12.3	30,155	6,847
2018	253,127	10.8	27,338	5,961	11.9	30,122	6,629	12.3	31,135	6,933
2019	261,354	10.8	28,226	6,029	11.9	31,101	6,705	12.3	32,147	7,012
2020	269,848	10.8	29,144	6,090	11.9	32,112	6,773	12.3	33,191	7,083
2021	278,618	10.8	30,091	6,143	11.9	33,156	6,832	12.3	34,270	7,145
2022	287,673	10.8	31,069	6,188	11.9	34,233	6,882	12.3	35,384	7,197
2023	297,022	10.8	32,078	6,223	11.9	35,346	6,921	12.3	36,534	7,238
2024	306,675	10.8	33,121	6,247	11.9	36,494	6,948	12.3	37,721	7,266
2025	316,642	10.8	34,197	6,259	11.9	37,680	6,961	12.3	38,947	7,280

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	\$ 237,442	13.7%	\$32,530	\$ 7,558	13.9%	\$33,004	\$ 7,685	15.5%	\$36,804	\$ 8,630
2017	245,159	13.7	33,587	7,662	13.9	34,077	7,790	15.5	38,000	8,748
2018	253,127	13.7	34,678	7,759	13.9	35,185	7,888	15.5	39,235	8,858
2019	261,354	13.7	35,805	7,848	13.9	36,328	7,978	15.5	40,510	8,959
2020	269,848	13.7	36,969	7,928	13.9	37,509	8,059	15.5	41,826	9,050
2021	278,618	13.7	38,171	7,998	13.9	38,728	8,130	15.5	43,186	9,129
2022	287,673	13.7	39,411	8,056	13.9	39,987	8,189	15.5	44,589	9,195
2023	297,022	13.7	40,692	8,102	13.9	41,286	8,235	15.5	46,038	9,247
2024	306,675	13.7	42,014	8,133	13.9	42,628	8,267	15.5	47,535	9,283
2025	316,642	13.7	43,380	8,149	13.9	44,013	8,283	15.5	49,080	9,301

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.

Wright County Emergency Services Board - 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	\$ 237,442	8.4%	\$19,945	\$ 4,469	10.3%	\$24,457	\$ 5,587	9.4%	\$22,320	\$ 5,078
2017	245,159	8.4	20,593	4,530	10.3	25,251	5,664	9.4	23,045	5,148
2018	253,127	8.4	21,263	4,587	10.3	26,072	5,735	9.4	23,794	5,213
2019	261,354	8.4	21,954	4,639	10.3	26,919	5,801	9.4	24,567	5,273
2020	269,848	8.4	22,667	4,686	10.3	27,794	5,860	9.4	25,366	5,327
2021	278,618	8.4	23,404	4,727	10.3	28,698	5,911	9.4	26,190	5,374
2022	287,673	8.4	24,165	4,761	10.3	29,630	5,954	9.4	27,041	5,413
2023	297,022	8.4	24,950	4,788	10.3	30,593	5,988	9.4	27,920	5,444
2024	306,675	8.4	25,761	4,807	10.3	31,588	6,011	9.4	28,827	5,465
2025	316,642	8.4	26,598	4,816	10.3	32,614	6,022	9.4	29,764	5,475

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	\$ 237,442	11.1%	\$26,356	\$ 6,050	12.2%	\$28,968	\$ 6,688	12.7%	\$30,155	\$ 6,999
2017	245,159	11.1	27,213	6,133	12.2	29,909	6,780	12.7	31,135	7,095
2018	253,127	11.1	28,097	6,210	12.2	30,881	6,865	12.7	32,147	7,184
2019	261,354	11.1	29,010	6,281	12.2	31,885	6,943	12.7	33,192	7,266
2020	269,848	11.1	29,953	6,345	12.2	32,921	7,014	12.7	34,271	7,340
2021	278,618	11.1	30,927	6,401	12.2	33,991	7,076	12.7	35,384	7,404
2022	287,673	11.1	31,932	6,448	12.2	35,096	7,128	12.7	36,534	7,458
2023	297,022	11.1	32,969	6,484	12.2	36,237	7,168	12.7	37,722	7,500
2024	306,675	11.1	34,041	6,509	12.2	37,414	7,196	12.7	38,948	7,529
2025	316,642	11.1	35,147	6,521	12.2	38,630	7,210	12.7	40,214	7,543

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	\$ 237,442	14.1%	\$33,479	\$ 7,813	14.4%	\$34,192	\$ 7,958	16.0%	\$37,991	\$ 8,905
2017	245,159	14.1	34,567	7,920	14.4	35,303	8,067	16.0	39,225	9,027
2018	253,127	14.1	35,691	8,020	14.4	36,450	8,169	16.0	40,500	9,141
2019	261,354	14.1	36,851	8,112	14.4	37,635	8,262	16.0	41,817	9,246
2020	269,848	14.1	38,049	8,194	14.4	38,858	8,346	16.0	43,176	9,340
2021	278,618	14.1	39,285	8,266	14.4	40,121	8,419	16.0	44,579	9,422
2022	287,673	14.1	40,562	8,326	14.4	41,425	8,480	16.0	46,028	9,491
2023	297,022	14.1	41,880	8,373	14.4	42,771	8,528	16.0	47,524	9,545
2024	306,675	14.1	43,241	8,405	14.4	44,161	8,561	16.0	49,068	9,582
2025	316,642	14.1	44,647	8,421	14.4	45,596	8,577	16.0	50,663	9,600

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.