

June 13, 2017

Mo-Kan Regional Council
Saint Joseph, Missouri

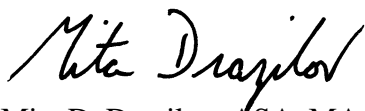
Ladies and Gentlemen:

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 April 30, 2017 Initial Valuation for the Mo-Kan Regional Council dated June 13, 2017.

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

Mo-Kan Regional Council - 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
2017	\$ 351,224	6.9%	\$24,234	\$ 194,146	9.3%	\$32,664	\$ 246,517	7.8%	\$27,396	\$ 208,047
2018	362,639	6.9	25,022	196,806	9.3	33,725	249,894	7.8	28,286	210,897
2019	374,425	6.9	25,835	199,288	9.3	34,822	253,045	7.8	29,205	213,556
2020	386,594	6.9	26,675	201,566	9.3	35,953	255,938	7.8	30,154	215,998
2021	399,158	6.9	27,542	203,614	9.3	37,122	258,539	7.8	31,134	218,193
2022	412,131	6.9	28,437	205,402	9.3	38,328	260,810	7.8	32,146	220,109
2023	425,525	6.9	29,361	206,898	9.3	39,574	262,710	7.8	33,191	221,712
2024	439,355	6.9	30,315	208,067	9.3	40,860	264,195	7.8	34,270	222,965
2025	453,634	6.9	31,301	208,872	9.3	42,188	265,217	7.8	35,383	223,827
2026	468,377	6.9	32,318	209,271	9.3	43,559	265,723	7.8	36,533	224,254

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
2017	\$ 351,224	10.0%	\$35,122	\$ 256,932	11.5%	\$40,391	\$ 298,835	11.9%	\$41,796	\$ 305,800
2018	362,639	10.0	36,264	260,452	11.5	41,703	302,929	11.9	43,154	309,989
2019	374,425	10.0	37,443	263,736	11.5	43,059	306,749	11.9	44,557	313,898
2020	386,594	10.0	38,659	266,751	11.5	44,458	310,256	11.9	46,005	317,487
2021	399,158	10.0	39,916	269,461	11.5	45,903	313,408	11.9	47,500	320,713
2022	412,131	10.0	41,213	271,828	11.5	47,395	316,160	11.9	49,044	323,530
2023	425,525	10.0	42,553	273,808	11.5	48,935	318,463	11.9	50,637	325,887
2024	439,355	10.0	43,936	275,355	11.5	50,526	320,263	11.9	52,283	327,729
2025	453,634	10.0	45,363	276,420	11.5	52,168	321,501	11.9	53,982	328,996
2026	468,377	10.0	46,838	276,948	11.5	53,863	322,115	11.9	55,737	329,624

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
2017	\$ 351,224	14.0%	\$49,171	\$ 351,259	14.1%	\$49,523	\$ 354,760	16.4%	\$57,601	\$ 403,737
2018	362,639	14.0	50,769	356,071	14.1	51,132	359,620	16.4	59,473	409,268
2019	374,425	14.0	52,420	360,561	14.1	52,794	364,155	16.4	61,406	414,429
2020	386,594	14.0	54,123	364,683	14.1	54,510	368,318	16.4	63,401	419,167
2021	399,158	14.0	55,882	368,389	14.1	56,281	372,060	16.4	65,462	423,426
2022	412,131	14.0	57,698	371,624	14.1	58,110	375,328	16.4	67,589	427,145
2023	425,525	14.0	59,574	374,331	14.1	59,999	378,062	16.4	69,786	430,256
2024	439,355	14.0	61,510	376,447	14.1	61,949	380,199	16.4	72,054	432,688
2025	453,634	14.0	63,509	377,903	14.1	63,962	381,669	16.4	74,396	434,361
2026	468,377	14.0	65,573	378,625	14.1	66,041	382,398	16.4	76,814	435,190

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	7.3%	\$25,639	\$ 201,229	9.6%	\$33,718	\$ 255,294	8.1%	\$28,449	\$ 215,627
2018	362,639	7.3	26,473	203,986	9.6	34,813	258,791	8.1	29,374	218,581
2019	374,425	7.3	27,333	206,558	9.6	35,945	262,054	8.1	30,328	221,337
2020	386,594	7.3	28,221	208,920	9.6	37,113	265,050	8.1	31,314	223,868
2021	399,158	7.3	29,139	211,043	9.6	38,319	267,743	8.1	32,332	226,143
2022	412,131	7.3	30,086	212,896	9.6	39,565	270,094	8.1	33,383	228,129
2023	425,525	7.3	31,063	214,447	9.6	40,850	272,061	8.1	34,468	229,791
2024	439,355	7.3	32,073	215,659	9.6	42,178	273,599	8.1	35,588	231,090
2025	453,634	7.3	33,115	216,493	9.6	43,549	274,657	8.1	36,744	231,984
2026	468,377	7.3	34,192	216,906	9.6	44,964	275,181	8.1	37,939	232,427

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
2017	\$ 351,224	10.3%	\$36,176	\$ 266,080	12.0%	\$42,147	\$ 309,450	12.4%	\$43,552	\$ 316,620
2018	362,639	10.3	37,352	269,725	12.0	43,517	313,689	12.4	44,967	320,958
2019	374,425	10.3	38,566	273,126	12.0	44,931	317,644	12.4	46,429	325,005
2020	386,594	10.3	39,819	276,249	12.0	46,391	321,276	12.4	47,938	328,721
2021	399,158	10.3	41,113	279,056	12.0	47,899	324,540	12.4	49,496	332,061
2022	412,131	10.3	42,449	281,507	12.0	49,456	327,390	12.4	51,104	334,977
2023	425,525	10.3	43,829	283,558	12.0	51,063	329,775	12.4	52,765	337,417
2024	439,355	10.3	45,254	285,161	12.0	52,723	331,639	12.4	54,480	339,324
2025	453,634	10.3	46,724	286,264	12.0	54,436	332,921	12.4	56,251	340,636
2026	468,377	10.3	48,243	286,811	12.0	56,205	333,557	12.4	58,079	341,286

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
2017	\$ 351,224	14.5%	\$50,928	\$ 363,693	14.7%	\$51,630	\$ 367,280	17.0%	\$59,708	\$ 417,839
2018	362,639	14.5	52,583	368,676	14.7	53,308	372,312	17.0	61,649	423,563
2019	374,425	14.5	54,292	373,325	14.7	55,040	377,007	17.0	63,652	428,904
2020	386,594	14.5	56,056	377,593	14.7	56,829	381,317	17.0	65,721	433,808
2021	399,158	14.5	57,878	381,430	14.7	58,676	385,192	17.0	67,857	438,216
2022	412,131	14.5	59,759	384,780	14.7	60,583	388,575	17.0	70,062	442,065
2023	425,525	14.5	61,701	387,583	14.7	62,552	391,406	17.0	72,339	445,285
2024	439,355	14.5	63,706	389,773	14.7	64,585	393,618	17.0	74,690	447,802
2025	453,634	14.5	65,777	391,280	14.7	66,684	395,140	17.0	77,118	449,534
2026	468,377	14.5	67,915	392,027	14.7	68,851	395,895	17.0	79,624	450,392

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	10.5%	\$36,879	\$ 212,561	13.0%	\$45,659	\$ 265,713	11.4%	\$40,040	\$ 226,614
2018	362,639	10.5	38,077	215,473	13.0	47,143	269,353	11.4	41,341	229,516
2019	374,425	10.5	39,315	218,190	13.0	48,675	272,749	11.4	42,684	232,410
2020	386,594	10.5	40,592	220,685	13.0	50,257	275,867	11.4	44,072	235,067
2021	399,158	10.5	41,912	222,927	13.0	51,891	278,670	11.4	45,504	237,455
2022	412,131	10.5	43,274	224,885	13.0	53,577	281,117	11.4	46,983	239,540
2023	425,525	10.5	44,680	226,523	13.0	55,318	283,165	11.4	48,510	241,285
2024	439,355	10.5	46,132	227,803	13.0	57,116	284,765	11.4	50,086	242,649
2025	453,634	10.5	47,632	228,684	13.0	58,972	285,866	11.4	51,714	243,587
2026	468,377	10.5	49,180	229,121	13.0	60,889	286,412	11.4	53,395	244,052

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
2017	\$ 351,224	13.7%	\$48,118	\$ 276,110	15.4%	\$54,089	\$ 318,855	15.8%	\$55,493	\$ 325,764
2018	362,639	13.7	49,682	279,893	15.4	55,846	323,223	15.8	57,297	330,227
2019	374,425	13.7	51,296	283,422	15.4	57,661	327,299	15.8	59,159	334,391
2020	386,594	13.7	52,963	286,662	15.4	59,535	331,041	15.8	61,082	338,214
2021	399,158	13.7	54,685	289,575	15.4	61,470	334,405	15.8	63,067	341,651
2022	412,131	13.7	56,462	292,118	15.4	63,468	337,342	15.8	65,117	344,651
2023	425,525	13.7	58,297	294,246	15.4	65,531	339,799	15.8	67,233	347,162
2024	439,355	13.7	60,192	295,909	15.4	67,661	341,719	15.8	69,418	349,124
2025	453,634	13.7	62,148	297,053	15.4	69,860	343,040	15.8	71,674	350,474
2026	468,377	13.7	64,168	297,620	15.4	72,130	343,695	15.8	74,004	351,143

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
2017	\$ 351,224	17.8%	\$62,518	\$ 372,050	18.0%	\$63,220	\$ 375,477	20.3%	\$71,299	\$ 425,221
2018	362,639	17.8	64,550	377,147	18.0	65,275	380,621	20.3	73,616	431,046
2019	374,425	17.8	66,648	381,903	18.0	67,397	385,420	20.3	76,008	436,481
2020	386,594	17.8	68,814	386,269	18.0	69,587	389,826	20.3	78,479	441,471
2021	399,158	17.8	71,050	390,194	18.0	71,848	393,787	20.3	81,029	445,957
2022	412,131	17.8	73,359	393,621	18.0	74,184	397,245	20.3	83,663	449,874
2023	425,525	17.8	75,743	396,488	18.0	76,595	400,139	20.3	86,382	453,151
2024	439,355	17.8	78,205	398,729	18.0	79,084	402,400	20.3	89,189	455,712
2025	453,634	17.8	80,747	400,271	18.0	81,654	403,956	20.3	92,088	457,474
2026	468,377	17.8	83,371	401,035	18.0	84,308	404,727	20.3	95,081	458,348

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	10.9%	\$38,283	\$ 219,791	13.3%	\$46,713	\$ 274,754	11.8%	\$41,444	\$ 234,076
2018	362,639	10.9	39,528	222,802	13.3	48,231	278,518	11.8	42,791	237,283
2019	374,425	10.9	40,812	225,611	13.3	49,799	282,030	11.8	44,182	240,275
2020	386,594	10.9	42,139	228,190	13.3	51,417	285,254	11.8	45,618	243,022
2021	399,158	10.9	43,508	230,509	13.3	53,088	288,152	11.8	47,101	245,491
2022	412,131	10.9	44,922	232,533	13.3	54,813	290,683	11.8	48,631	247,647
2023	425,525	10.9	46,382	234,227	13.3	56,595	292,800	11.8	50,212	249,451
2024	439,355	10.9	47,890	235,551	13.3	58,434	294,455	11.8	51,844	250,861
2025	453,634	10.9	49,446	236,462	13.3	60,333	295,594	11.8	53,529	251,831
2026	468,377	10.9	51,053	236,914	13.3	62,294	296,158	11.8	55,268	252,312

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
2017	\$ 351,224	14.0%	\$49,171	\$ 285,468	15.8%	\$55,493	\$ 329,672	16.2%	\$56,898	\$ 336,841
2018	362,639	14.0	50,769	289,379	15.8	57,297	334,188	16.2	58,748	341,456
2019	374,425	14.0	52,420	293,028	15.8	59,159	338,402	16.2	60,657	345,762
2020	386,594	14.0	54,123	296,378	15.8	61,082	342,271	16.2	62,628	349,715
2021	399,158	14.0	55,882	299,389	15.8	63,067	345,749	16.2	64,664	353,268
2022	412,131	14.0	57,698	302,018	15.8	65,117	348,785	16.2	66,765	356,371
2023	425,525	14.0	59,574	304,218	15.8	67,233	351,326	16.2	68,935	358,967
2024	439,355	14.0	61,510	305,937	15.8	69,418	353,312	16.2	71,176	360,996
2025	453,634	14.0	63,509	307,120	15.8	71,674	354,678	16.2	73,489	362,392
2026	468,377	14.0	65,573	307,706	15.8	74,004	355,355	16.2	75,877	363,084

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
2017	\$ 351,224	18.3%	\$64,274	\$ 384,614	18.6%	\$65,328	\$ 388,218	20.9%	\$73,406	\$ 439,590
2018	362,639	18.3	66,363	389,883	18.6	67,451	393,537	20.9	75,792	445,612
2019	374,425	18.3	68,520	394,799	18.6	69,643	398,499	20.9	78,255	451,231
2020	386,594	18.3	70,747	399,313	18.6	71,906	403,055	20.9	80,798	456,390
2021	399,158	18.3	73,046	403,370	18.6	74,243	407,150	20.9	83,424	461,027
2022	412,131	18.3	75,420	406,913	18.6	76,656	410,726	20.9	86,135	465,076
2023	425,525	18.3	77,871	409,877	18.6	79,148	413,718	20.9	88,935	468,464
2024	439,355	18.3	80,402	412,193	18.6	81,720	416,056	20.9	91,825	471,112
2025	453,634	18.3	83,015	413,787	18.6	84,376	417,665	20.9	94,810	472,934
2026	468,377	18.3	85,713	414,577	18.6	87,118	418,463	20.9	97,891	473,837

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	7.4%	\$25,991	\$ 206,222	9.9%	\$34,771	\$ 261,519	9.0%	\$31,610	\$ 234,662
2018	362,639	7.4	26,835	209,047	9.9	35,901	265,102	9.0	32,638	237,877
2019	374,425	7.4	27,707	211,683	9.9	37,068	268,445	9.0	33,698	240,876
2020	386,594	7.4	28,608	214,103	9.9	38,273	271,514	9.0	34,793	243,630
2021	399,158	7.4	29,538	216,278	9.9	39,517	274,273	9.0	35,924	246,106
2022	412,131	7.4	30,498	218,177	9.9	40,801	276,682	9.0	37,092	248,267
2023	425,525	7.4	31,489	219,766	9.9	42,127	278,697	9.0	38,297	250,075
2024	439,355	7.4	32,512	221,008	9.9	43,496	280,272	9.0	39,542	251,488
2025	453,634	7.4	33,569	221,863	9.9	44,910	281,356	9.0	40,827	252,461
2026	468,377	7.4	34,660	222,287	9.9	46,369	281,893	9.0	42,154	252,943

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
2017	\$ 351,224	11.1%	\$38,986	\$ 282,831	12.3%	\$43,201	\$ 316,738	13.1%	\$46,010	\$ 330,937
2018	362,639	11.1	40,253	286,706	12.3	44,605	321,077	13.1	47,506	335,471
2019	374,425	11.1	41,561	290,321	12.3	46,054	325,126	13.1	49,050	339,701
2020	386,594	11.1	42,912	293,640	12.3	47,551	328,843	13.1	50,644	343,585
2021	399,158	11.1	44,307	296,624	12.3	49,096	332,184	13.1	52,290	347,076
2022	412,131	11.1	45,747	299,229	12.3	50,692	335,101	13.1	53,989	350,124
2023	425,525	11.1	47,233	301,409	12.3	52,340	337,542	13.1	55,744	352,674
2024	439,355	11.1	48,768	303,112	12.3	54,041	339,450	13.1	57,556	354,667
2025	453,634	11.1	50,353	304,284	12.3	55,797	340,763	13.1	59,426	356,039
2026	468,377	11.1	51,990	304,865	12.3	57,610	341,414	13.1	61,357	356,719

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
2017	\$ 351,224	14.9%	\$52,332	\$ 372,076	15.2%	\$53,386	\$ 379,208	17.4%	\$61,113	\$ 427,430
2018	362,639	14.9	54,033	377,173	15.2	55,121	384,403	17.4	63,099	433,286
2019	374,425	14.9	55,789	381,929	15.2	56,913	389,250	17.4	65,150	438,749
2020	386,594	14.9	57,603	386,296	15.2	58,762	393,700	17.4	67,267	443,765
2021	399,158	14.9	59,475	390,221	15.2	60,672	397,700	17.4	69,453	448,274
2022	412,131	14.9	61,408	393,648	15.2	62,644	401,193	17.4	71,711	452,211
2023	425,525	14.9	63,403	396,515	15.2	64,680	404,115	17.4	74,041	455,505
2024	439,355	14.9	65,464	398,756	15.2	66,782	406,399	17.4	76,448	458,079
2025	453,634	14.9	67,591	400,298	15.2	68,952	407,971	17.4	78,932	459,850
2026	468,377	14.9	69,788	401,062	15.2	71,193	408,750	17.4	81,498	460,728

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	7.8%	\$27,396	\$ 213,809	10.4%	\$36,527	\$ 270,904	9.3%	\$32,664	\$ 243,266
2018	362,639	7.8	28,286	216,738	10.4	37,714	274,615	9.3	33,725	246,599
2019	374,425	7.8	29,205	219,471	10.4	38,940	278,078	9.3	34,822	249,708
2020	386,594	7.8	30,154	221,980	10.4	40,206	281,257	9.3	35,953	252,563
2021	399,158	7.8	31,134	224,236	10.4	41,512	284,115	9.3	37,122	255,129
2022	412,131	7.8	32,146	226,205	10.4	42,862	286,610	9.3	38,328	257,370
2023	425,525	7.8	33,191	227,853	10.4	44,255	288,698	9.3	39,574	259,245
2024	439,355	7.8	34,270	229,141	10.4	45,693	290,330	9.3	40,860	260,710
2025	453,634	7.8	35,383	230,027	10.4	47,178	291,453	9.3	42,188	261,718
2026	468,377	7.8	36,533	230,466	10.4	48,711	292,010	9.3	43,559	262,218

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
2017	\$ 351,224	11.5%	\$40,391	\$ 293,005	12.9%	\$45,308	\$ 328,054	13.6%	\$47,767	\$ 342,772
2018	362,639	11.5	41,703	297,019	12.9	46,780	332,548	13.6	49,319	347,468
2019	374,425	11.5	43,059	300,764	12.9	48,301	336,741	13.6	50,922	351,849
2020	386,594	11.5	44,458	304,203	12.9	49,871	340,591	13.6	52,577	355,872
2021	399,158	11.5	45,903	307,294	12.9	51,491	344,052	13.6	54,285	359,488
2022	412,131	11.5	47,395	309,993	12.9	53,165	347,074	13.6	56,050	362,645
2023	425,525	11.5	48,935	312,251	12.9	54,893	349,602	13.6	57,871	365,287
2024	439,355	11.5	50,526	314,016	12.9	56,677	351,578	13.6	59,752	367,351
2025	453,634	11.5	52,168	315,230	12.9	58,519	352,938	13.6	61,694	368,772
2026	468,377	11.5	53,863	315,832	12.9	60,421	353,612	13.6	63,699	369,476

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
2017	\$ 351,224	15.4%	\$54,089	\$ 385,362	15.8%	\$55,493	\$ 392,700	18.1%	\$63,572	\$ 442,516
2018	362,639	15.4	55,846	390,641	15.8	57,297	398,080	18.1	65,638	448,578
2019	374,425	15.4	57,661	395,567	15.8	59,159	403,100	18.1	67,771	454,234
2020	386,594	15.4	59,535	400,089	15.8	61,082	407,709	18.1	69,974	459,427
2021	399,158	15.4	61,470	404,154	15.8	63,067	411,852	18.1	72,248	464,095
2022	412,131	15.4	63,468	407,703	15.8	65,117	415,469	18.1	74,596	468,171
2023	425,525	15.4	65,531	410,673	15.8	67,233	418,495	18.1	77,020	471,581
2024	439,355	15.4	67,661	412,994	15.8	69,418	420,860	18.1	79,523	474,246
2025	453,634	15.4	69,860	414,591	15.8	71,674	422,487	18.1	82,108	476,080
2026	468,377	15.4	72,130	415,383	15.8	74,004	423,294	18.1	84,776	476,989

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	11.0%	\$38,635	\$ 223,989	13.6%	\$47,767	\$ 280,037	12.6%	\$44,254	\$ 252,326
2018	362,639	11.0	39,890	227,058	13.6	49,319	283,873	12.6	45,693	255,783
2019	374,425	11.0	41,187	229,921	13.6	50,922	287,452	12.6	47,178	259,008
2020	386,594	11.0	42,525	232,550	13.6	52,577	290,738	12.6	48,711	261,969
2021	399,158	11.0	43,907	234,913	13.6	54,285	293,692	12.6	50,294	264,631
2022	412,131	11.0	45,334	236,976	13.6	56,050	296,271	12.6	51,929	266,955
2023	425,525	11.0	46,808	238,702	13.6	57,871	298,429	12.6	53,616	268,900
2024	439,355	11.0	48,329	240,051	13.6	59,752	300,116	12.6	55,359	270,420
2025	453,634	11.0	49,900	240,979	13.6	61,694	301,277	12.6	57,158	271,466
2026	468,377	11.0	51,521	241,439	13.6	63,699	301,852	12.6	59,016	271,984

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
2017	\$ 351,224	14.8%	\$51,981	\$ 301,291	16.1%	\$56,547	\$ 336,020	16.9%	\$59,357	\$ 350,170
2018	362,639	14.8	53,671	305,419	16.1	58,385	340,623	16.9	61,286	354,967
2019	374,425	14.8	55,415	309,270	16.1	60,282	344,918	16.9	63,278	359,443
2020	386,594	14.8	57,216	312,806	16.1	62,242	348,861	16.9	65,334	363,552
2021	399,158	14.8	59,075	315,984	16.1	64,264	352,406	16.9	67,458	367,246
2022	412,131	14.8	60,995	318,759	16.1	66,353	355,501	16.9	69,650	370,471
2023	425,525	14.8	62,978	321,081	16.1	68,510	358,091	16.9	71,914	373,170
2024	439,355	14.8	65,025	322,896	16.1	70,736	360,115	16.9	74,251	375,279
2025	453,634	14.8	67,138	324,145	16.1	73,035	361,508	16.9	76,664	376,730
2026	468,377	14.8	69,320	324,764	16.1	75,409	362,198	16.9	79,156	377,449

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
2017	\$ 351,224	18.6%	\$65,328	\$ 392,055	19.1%	\$67,084	\$ 399,122	21.2%	\$74,460	\$ 448,072
2018	362,639	18.6	67,451	397,426	19.1	69,264	404,590	21.2	76,879	454,211
2019	374,425	18.6	69,643	402,437	19.1	71,515	409,692	21.2	79,378	459,938
2020	386,594	18.6	71,906	407,038	19.1	73,839	414,376	21.2	81,958	465,196
2021	399,158	18.6	74,243	411,174	19.1	76,239	418,586	21.2	84,621	469,923
2022	412,131	18.6	76,656	414,785	19.1	78,717	422,262	21.2	87,372	474,050
2023	425,525	18.6	79,148	417,806	19.1	81,275	425,338	21.2	90,211	477,503
2024	439,355	18.6	81,720	420,167	19.1	83,917	427,742	21.2	93,143	480,202
2025	453,634	18.6	84,376	421,792	19.1	86,644	429,396	21.2	96,170	482,059
2026	468,377	18.6	87,118	422,597	19.1	89,460	430,216	21.2	99,296	482,979

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.

Mo-Kan Regional Council - 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
2017	\$ 351,224	11.3%	\$39,688	\$ 231,708	14.1%	\$49,523	\$ 289,651	12.9%	\$45,308	\$ 261,077
2018	362,639	11.3	40,978	234,882	14.1	51,132	293,619	12.9	46,780	264,654
2019	374,425	11.3	42,310	237,844	14.1	52,794	297,321	12.9	48,301	267,991
2020	386,594	11.3	43,685	240,563	14.1	54,510	300,720	12.9	49,871	271,055
2021	399,158	11.3	45,105	243,007	14.1	56,281	303,776	12.9	51,491	273,809
2022	412,131	11.3	46,571	245,141	14.1	58,110	306,444	12.9	53,165	276,214
2023	425,525	11.3	48,084	246,927	14.1	59,999	308,676	12.9	54,893	278,226
2024	439,355	11.3	49,647	248,323	14.1	61,949	310,421	12.9	56,677	279,798
2025	453,634	11.3	51,261	249,283	14.1	63,962	311,621	12.9	58,519	280,880
2026	468,377	11.3	52,927	249,759	14.1	66,041	312,216	12.9	60,421	281,416

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
2017	\$ 351,224	15.2%	\$53,386	\$ 311,663	16.6%	\$58,303	\$ 347,559	17.4%	\$61,113	\$ 362,227
2018	362,639	15.2	55,121	315,933	16.6	60,198	352,321	17.4	63,099	367,189
2019	374,425	15.2	56,913	319,917	16.6	62,155	356,764	17.4	65,150	371,819
2020	386,594	15.2	58,762	323,575	16.6	64,175	360,843	17.4	67,267	376,070
2021	399,158	15.2	60,672	326,863	16.6	66,260	364,509	17.4	69,453	379,891
2022	412,131	15.2	62,644	329,734	16.6	68,414	367,710	17.4	71,711	383,227
2023	425,525	15.2	64,680	332,136	16.6	70,637	370,389	17.4	74,041	386,019
2024	439,355	15.2	66,782	334,013	16.6	72,933	372,482	17.4	76,448	388,201
2025	453,634	15.2	68,952	335,305	16.6	75,303	373,922	17.4	78,932	389,702
2026	468,377	15.2	71,193	335,945	16.6	77,751	374,636	17.4	81,498	390,446

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
2017	\$ 351,224	19.3%	\$67,786	\$ 405,506	19.7%	\$69,191	\$ 412,839	22.0%	\$77,269	\$ 463,419
2018	362,639	19.3	69,989	411,061	19.7	71,440	418,495	22.0	79,781	469,768
2019	374,425	19.3	72,264	416,244	19.7	73,762	423,772	22.0	82,374	475,691
2020	386,594	19.3	74,613	421,003	19.7	76,159	428,617	22.0	85,051	481,130
2021	399,158	19.3	77,037	425,281	19.7	78,634	432,972	22.0	87,815	486,019
2022	412,131	19.3	79,541	429,016	19.7	81,190	436,775	22.0	90,669	490,287
2023	425,525	19.3	82,126	432,141	19.7	83,828	439,957	22.0	93,616	493,858
2024	439,355	19.3	84,796	434,583	19.7	86,553	442,443	22.0	96,658	496,649
2025	453,634	19.3	87,551	436,264	19.7	89,366	444,154	22.0	99,799	498,570
2026	468,377	19.3	90,397	437,097	19.7	92,270	445,002	22.0	103,043	499,522

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.