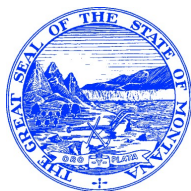


LEGISLATIVE AUDIT DIVISION

Angus Maciver, Legislative Auditor
Deborah F. Butler, Legal Counsel



Deputy Legislative Auditors:
Cindy Jorgenson
William Soller

INDEPENDENT AUDITOR'S REPORT

The Public Employees' Retirement Board:

Introduction

We have audited the Employer Contribution and Employer Proportion based on Employer Contributions columns (specified columns) for the Fiscal Year as of and Ending June 30, 2020, on the accompanying Schedule of Employer Proportionate Share Allocations for the Sheriffs' Retirement System–Cost Sharing Plan. We have also audited the Net Pension Liability-Employer, Total Collective Deferred Outflows, Total Collective Deferred Inflows, and Proportionate Share of Plan Pension Expense (specified amounts) reported as Collective Pension Amounts of the System on the accompanying Schedule of Employer Proportionate Share Allocations of the Sheriffs' Retirement System–Cost Sharing Plan as of and for the fiscal year ended June 30, 2020, for the purpose of employer financial reporting for fiscal year 2021. In addition, we have audited the related notes to the schedule.

Management's Responsibility for the Schedule

Management, the Public Employees' Retirement Board (board) and its staff, is responsible for the preparation and fair presentation of this schedule in accordance with accounting principles generally accepted in the United States of America; this responsibility includes designing, implementing, and maintaining internal controls relevant to the preparation and fair presentation of the schedule that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on the specified columns and specified total amounts included in the schedule noted above. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the specified columns and specified total amounts included in the schedule referred to above are free from material misstatement. This report does not include the results of our testing of internal control over financial reporting or compliance and other matters; results are addressed through our separately issued financial audit of the Public Employees' Retirement Board (20-08B).

An audit involves performing procedures to obtain audit evidence about the specified columns and specified total amounts on the schedule as noted above, and disclosures. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the specified column and specified total amounts included on the schedule noted above, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the board's preparation and fair presentation of the specified columns and specified total amounts included on the schedule as noted above in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the board's internal control, and accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as the overall presentation of the schedule.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the Employer Contribution and Employer Proportion based on Employer Contributions columns (specified columns) (pages 1-2) for the Fiscal Year Ending June 30, 2020, and the specified total amounts summarized in the table below present fairly, in all material respects, on the Schedule of Employer Proportionate Share Allocations for the Sheriffs’ Retirement System–Cost Sharing Plan as of and for the fiscal year ended June 30, 2020, for the purpose of employer financial reporting for fiscal year 2021, in accordance with accounting principles generally accepted in the United States of America.

Specified Amounts from the Schedule of Employer and Non-Employer Proportionate Share Allocations for the Sheriffs’ Retirement System as of the June 30, 2020, Measurement Date	Total Amount	Page Number
Net Pension Liability-Employer	\$121,885,990	1
Total Collective Deferred Outflows	\$45,572,990	3
Total Collective Deferred Inflows	\$19,010,496	5
Proportionate Share of Plan Pension Expense	\$11,059,607	5

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the Public Employees’ Retirement Board as of and for the fiscal year ended June 30, 2020, and our report thereon, dated December 23, 2020, expressed an unmodified opinion on those financial statements. The Sheriffs’ Retirement System is one of several retirement systems that are included in the board’s financial statements referred to above.

The Schedule of Employer and Non-Employer Proportionate Share Allocations for the Sheriffs’ Retirement System–Cost Sharing Plan, as of and for the fiscal year ended June 30, 2020, for the purpose of employer financial reporting for fiscal year 2021, includes partial prior-year comparative information. Such information does not include all information required or sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Schedule of Employer and Non-Employer Proportionate Share Allocations for the Sheriffs’ Retirement System–Cost Sharing Plan for the fiscal year ended June 30, 2019, for the purposes of employer financial reporting for 2020, from which such partial information was derived.

Restriction on Use

Our report is intended solely for the information and use of the Montana Public Employees’ Retirement Board and its auditor, Montana Public Employees’ Retirement Administration management, Sheriffs’ Retirement System employers and their auditors, the State of Montana and their auditors, and the Montana Legislature. It is not intended to be, and should not be, used by anyone other than those specified parties.

Respectfully submitted,

/s/ Cindy Jorgenson

Cindy Jorgenson, CPA
Deputy Legislative Auditor
Helena, MT

June 14, 2021

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

Contributions for Fiscal Year Ending June 30, 2020			Net Pension Liability as of June 30, 2020		Net Pension Liability as of June 30, 2019	
Member Rate	Employer Rate	Employer Contribution	Net Pension Liability - Employer	Employer Proportion based on Employer Contributions	Net Pension Liability - Employer	Employer Proportion based on Employer Contributions
Total ALL Employers			\$ 11,175,181	100.000000%	\$ 83,397,787	100.000000%
Employer						
6458 ANACONDA-DEER LODGE COUNTY	10.495%	52,004	567,205	0.465357%	335,432	0.402208%
6510 BUTTE SILVER BOW	10.495%	185,230	2,020,272	1.657509%	1,492,189	1.789243%
6444 BEAVERHEAD COUNTY	10.495%	91,548	998,498	0.819206%	702,459	0.842300%
6445 BIG HORN COUNTY	10.495%	172,603	1,882,553	1.544520%	1,248,368	1.496883%
6446 BLAINE COUNTY	10.495%	57,315	625,127	0.512879%	430,092	0.515711%
6447 BROADWATER COUNTY	10.495%	141,589	1,544,291	1.266996%	1,099,294	1.318134%
6448 CARBON COUNTY	10.495%	107,534	1,172,852	0.962253%	803,494	0.963447%
6449 CARTER COUNTY	10.495%	33,428	364,595	0.299128%	219,184	0.262817%
6450 CASCADE COUNTY	10.495%	836,528	9,123,884	7.485589%	6,251,255	7.495709%
6451 CHOUTEAU COUNTY	10.495%	90,564	987,771	0.810406%	685,584	0.822065%
6452 CUSTER COUNTY	10.495%	108,990	1,188,740	0.975288%	752,107	0.901831%
6453 DANIELS COUNTY	10.495%	19,763	215,556	0.176850%	134,850	0.161695%
6456 DAWSON COUNTY	10.495%	321,840	3,510,254	2.879949%	2,237,802	2.683287%
6459 FALLON COUNTY	10.495%	96,093	1,048,072	0.859879%	745,721	0.894173%
6460 FERGUS COUNTY	10.495%	114,698	1,250,997	1.026366%	841,789	1.009366%
6461 FLATHEAD COUNTY	10.495%	795,440	8,675,743	7.117917%	5,935,022	7.116522%
6462 GALLATIN COUNTY	10.495%	919,667	10,030,666	8.229548%	6,961,359	8.347175%
6463 GARFIELD COUNTY	10.495%	18,152	197,978	0.162429%	133,990	0.160664%
6464 GLACIER COUNTY	10.495%	106,015	1,156,293	0.948667%	922,599	1.106263%
6465 GOLDEN VALLEY COUNTY	10.495%	16,593	180,978	0.148481%	114,165	0.136893%
6466 GRANITE COUNTY	10.495%	42,132	459,527	0.377013%	313,460	0.375861%
6467 HILL COUNTY	10.495%	149,757	1,633,375	1.340085%	1,068,112	1.280744%
6468 JEFFERSON COUNTY	10.495%	158,354	1,727,140	1.417013%	1,211,088	1.452183%
6469 JUDITH BASIN COUNTY	10.495%	31,448	342,997	0.281408%	251,086	0.301070%
6470 LAKE COUNTY	10.495%	319,626	3,486,107	2.860138%	2,329,040	2.792689%
6471 LEWIS & CLARK COUNTY	10.495%	711,386	7,758,983	6.365771%	4,910,931	5.888562%
6472 LIBERTY COUNTY	10.495%	45,490	496,147	0.407058%	285,153	0.341919%
6473 LINCOLN COUNTY	10.495%	247,033	2,694,352	2.210551%	1,721,929	2.064718%
6474 MADISON COUNTY	10.495%	94,175	1,027,155	0.842718%	819,328	0.982433%

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Contributions for Fiscal Year Ending June 30, 2020			Net Pension Liability as of June 30, 2020		Net Pension Liability as of June 30, 2019	
	Member Rate	Employer Rate	Employer Contribution	Net Pension Liability - Employer	Employer Proportion based on Employer Contributions	Net Pension Liability - Employer	Employer Proportion based on Employer Contributions
Total ALL Employers			\$ 11,175,181	\$ 121,885,990	100.000000%	\$ 83,397,787	100.000000%
Employer							
6475 MCCONE COUNTY	10.495%	13.115%	27,097	295,547	0.242478%	206,841	0.248018%
6476 MEAGHER COUNTY	10.495%	13.115%	23,773	259,285	0.212727%	190,474	0.228392%
6477 MINERAL COUNTY	10.495%	13.115%	54,992	599,789	0.492090%	431,645	0.517574%
6478 MISSOULA COUNTY	10.495%	13.115%	1,315,343	14,346,250	11.770221%	10,128,712	12.145061%
6479 MUSSELSHELL COUNTY	10.495%	13.115%	50,815	554,236	0.454717%	390,746	0.468533%
6480 PARK COUNTY	10.495%	13.115%	167,671	1,828,759	1.500385%	1,216,854	1.459096%
6481 PETROLEUM COUNTY	10.495%	13.115%	8,537	93,109	0.076390%	69,562	0.083409%
6482 PHILLIPS COUNTY	10.495%	13.115%	43,772	477,410	0.391685%	370,927	0.444769%
6483 PONDERA COUNTY	10.495%	13.115%	75,889	827,706	0.679082%	528,573	0.633797%
6485 POWDER RIVER COUNTY	10.495%	13.115%	27,808	303,300	0.248839%	209,748	0.251503%
6484 POWELL COUNTY	10.495%	13.115%	32,609	355,657	0.291794%	315,933	0.378827%
6486 PRAIRIE COUNTY	10.495%	13.115%	18,903	206,169	0.169149%	148,197	0.177699%
6487 RAVALLI COUNTY	10.495%	13.115%	376,437	4,105,738	3.368507%	2,930,417	3.513783%
6488 RICHLAND COUNTY	10.495%	13.115%	166,281	1,813,601	1.487949%	1,283,914	1.539506%
6489 ROOSEVELT COUNTY	10.495%	13.115%	190,994	2,083,140	1.709089%	1,260,821	1.511816%
6490 ROSEBUD COUNTY	10.495%	13.115%	145,497	1,586,914	1.301966%	1,158,440	1.389053%
6491 SANDERS COUNTY	10.495%	13.115%	131,144	1,430,369	1.173530%	992,405	1.189966%
6492 SHERIDAN COUNTY	10.495%	13.115%	58,588	639,007	0.524266%	431,619	0.517543%
6494 STILLWATER COUNTY	10.495%	13.115%	97,806	1,066,754	0.875207%	692,619	0.830501%
6495 SWEET GRASS COUNTY	10.495%	13.115%	50,369	549,366	0.450721%	373,519	0.447876%
6496 TETON COUNTY	10.495%	13.115%	69,569	758,784	0.622536%	534,448	0.640842%
6497 TOOLE COUNTY	10.495%	13.115%	111,324	1,214,193	0.996171%	858,147	1.028981%
6498 TREASURE COUNTY	10.495%	13.115%	10,453	114,008	0.093537%	79,822	0.095712%
6499 VALLEY COUNTY	10.495%	13.115%	103,595	1,129,897	0.927011%	831,001	0.996431%
6500 WHEATLAND COUNTY	10.495%	13.115%	65,357	712,836	0.584838%	484,209	0.580602%
6501 WIBAUX COUNTY	10.495%	13.115%	29,012	316,430	0.259611%	222,025	0.266225%
6502 YELLOWSTONE COUNTY	10.495%	13.115%	1,104,738	12,049,206	9.885637%	8,032,017	9.630972%
6620 DEPARTMENT OF JUSTICE	10.495%	13.115%	531,815	5,800,424	4.758893%	4,067,267	4.876949%

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Deferred Outflows of Resources as of June 30, 2020						
	Difference Between Expected and Actual Experience	Net Difference Between Projected Actual Investment and Actual Investment Earnings of Pension Plan Investments	Change of Assumptions	Total Collective Deferred Outflows	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	To be filled in by Employer Employer Contributions Subsequent to the Measurement Date
Total ALL Employers	\$ 5,519,460	\$ 14,983,023	\$ 25,070,507	\$ 45,572,990	\$ 2,157,748	\$ 47,730,738	
Employer							
6458 ANACONDA-DEER LODGE COUNTY	25,685	69,725	116,667	212,077	49,083	261,161	#
6510 BUTTE SILVER BOW	91,486	248,345	415,546	755,377	-	755,377	#
6444 BEAVERHEAD COUNTY	45,216	122,742	205,379	373,337	23,480	396,817	#
6445 BIG HORN COUNTY	85,249	231,416	387,219	703,884	3,424	707,308	#
6446 BLAINE COUNTY	28,308	76,845	128,581	233,734	-	233,734	#
6447 BROADWATER COUNTY	69,931	189,834	317,642	577,408	-	577,408	#
6448 CARBON COUNTY	53,111	144,175	241,242	438,528	32,005	470,533	#
6449 CARTER COUNTY	16,510	44,818	74,993	136,321	46,774	183,095	#
6450 CASCADE COUNTY	413,164	1,121,568	1,876,675	3,411,407	205,063	3,616,470	#
6451 CHOUTEAU COUNTY	44,730	121,423	203,173	369,326	-	369,326	#
6452 CUSTER COUNTY	53,831	146,128	244,510	444,468	86,169	530,637	#
6453 DANIELS COUNTY	9,761	26,498	44,337	80,596	15,788	96,384	#
6456 DAWSON COUNTY	158,958	431,503	722,018	1,312,479	-	1,312,479	#
6459 FALLON COUNTY	47,461	128,836	215,576	391,872	-	391,872	#
6460 FERGUS COUNTY	56,650	153,781	257,315	467,746	72,253	539,999	#
6461 FLATHEAD COUNTY	392,871	1,066,479	1,784,498	3,243,847	-	3,243,847	#
6462 GALLATIN COUNTY	454,227	1,233,035	2,063,189	3,750,451	67,813	3,818,265	#
6463 GARFIELD COUNTY	8,965	24,337	40,722	74,024	7,729	81,752	#
6464 GLACIER COUNTY	52,361	142,139	237,836	432,336	-	432,336	#
6465 GOLDEN VALLEY COUNTY	8,195	22,247	37,225	67,667	33,852	101,519	#
6466 GRANITE COUNTY	20,809	56,488	94,519	171,816	22,027	193,844	#
6467 HILL COUNTY	73,965	200,785	335,966	610,717	23,456	634,173	#
6468 JEFFERSON COUNTY	78,211	212,311	355,252	645,775	5,937	651,712	#
6469 JUDITH BASIN COUNTY	15,532	42,163	70,550	128,246	15,875	144,121	#
6470 LAKE COUNTY	157,864	428,535	717,051	1,303,450	-	1,303,450	#
6471 LEWIS & CLARK COUNTY	351,356	953,785	1,595,931	2,901,072	334,850	3,235,922	#
6472 LIBERTY COUNTY	22,467	60,990	102,052	185,509	41,660	227,169	#
6473 LINCOLN COUNTY	122,010	331,207	554,196	1,007,414	189,144	1,196,558	#
6474 MADISON COUNTY	46,513	126,265	211,274	384,052	-	384,052	#

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Deferred Outflows of Resources as of June 30, 2020						To be filled in by Employer Employer Contributions Subsequent to the Measurement Date
	Difference Between Expected and Actual Experience	Net Difference Between Projected Actual Investment and Actual Investment Earnings of Pension Plan Investments	Change of Assumptions	Total Collective Deferred Outflows	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	
Total ALL Employers	\$ 5,519,460	\$ 14,983,023	\$ 25,070,507	\$ 45,572,990	\$ 2,157,748	\$ 47,730,738	
Employer							
6475 MCCONE COUNTY	13,384	36,331	60,791	110,505	-	110,505	#
6476 MEAGHER COUNTY	11,741	31,873	53,332	96,946	-	96,946	#
6477 MINERAL COUNTY	27,161	73,730	123,369	224,260	-	224,260	#
6478 MISSOULA COUNTY	649,653	1,763,535	2,950,854	5,364,042	171,962	5,536,004	#
6479 MUSSELSHELL COUNTY	25,098	68,130	114,000	207,228	-	207,228	#
6480 PARK COUNTY	82,813	224,803	376,154	683,770	-	683,770	#
6481 PETROLEUM COUNTY	4,216	11,446	19,151	34,813	5,712	40,525	#
6482 PHILLIPS COUNTY	21,619	58,686	98,198	178,503	-	178,503	#
6483 PONDERA COUNTY	37,482	101,747	170,249	309,478	-	309,478	#
6485 POWDER RIVER COUNTY	13,735	37,284	62,385	113,403	-	113,403	#
6484 POWELL COUNTY	16,105	43,720	73,154	132,979	-	132,979	#
6486 PRAIRIE COUNTY	9,336	25,344	42,406	77,086	-	77,086	#
6487 RAVALLI COUNTY	185,923	504,704	844,502	1,535,129	-	1,535,129	#
6488 RICHLAND COUNTY	82,127	222,940	373,036	678,103	-	678,103	#
6489 ROOSEVELT COUNTY	94,332	256,073	428,477	778,883	213,260	992,143	#
6490 ROSEBUD COUNTY	71,861	195,074	326,409	593,345	-	593,345	#
6491 SANDERS COUNTY	64,773	175,830	294,210	534,813	6,576	541,389	#
6492 SHERIDAN COUNTY	28,937	78,551	131,436	238,924	-	238,924	#
6494 STILLWATER COUNTY	48,307	131,132	219,419	398,858	51,813	450,671	#
6495 SWEET GRASS COUNTY	24,877	67,532	112,998	205,407	-	205,407	#
6496 TETON COUNTY	34,361	93,275	156,073	283,708	-	283,708	#
6497 TOOLE COUNTY	54,983	149,257	249,745	453,985	-	453,985	#
6498 TREASURE COUNTY	5,163	14,015	23,450	42,627	554	43,181	#
6499 VALLEY COUNTY	51,166	138,894	232,406	422,467	-	422,467	#
6500 WHEATLAND COUNTY	32,280	87,626	146,622	266,528	-	266,528	#
6501 WIBAUX COUNTY	14,329	38,898	65,086	118,313	10,766	129,079	#
6502 YELLOWSTONE COUNTY	545,634	1,481,167	2,478,379	4,505,180	420,722	4,925,902	#
6620 DEPARTMENT OF JUSTICE	262,665	713,026	1,193,079	2,168,770	-	2,168,770	#

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Deferred Inflows of Resources as of June 30, 2020						Pension Expense as of June 30, 2020		
	Difference Between Expected and Actual Experience	Net Difference Between Projected Actual Investment and Actual Investment Earnings of Pension Plan Investments	Change of Assumptions	Total Collective Deferred Inflows	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
Total ALL Employers	\$ 34,157	\$ -	\$ 18,976,339	\$ 19,010,496	\$ 2,157,748	\$ 21,168,244	\$ 11,059,607	\$ -	\$ 11,059,607
Employer									
6458 ANACONDA-DEER LODGE COUNTY	159	-	88,308	88,467	-	88,467	51,467	13,882	65,348
6510 BUTTE SILVER BOW	566	-	314,535	315,101	76,070	391,171	183,314	(19,880)	163,434
6444 BEAVERHEAD COUNTY	280	-	155,455	155,735	-	155,735	90,601	7,321	97,922
6445 BIG HORN COUNTY	528	-	293,093	293,621	-	293,621	170,818	(12,197)	158,621
6446 BLAINE COUNTY	175	-	97,326	97,501	54,349	151,850	56,722	(21,769)	34,953
6447 BROADWATER COUNTY	433	-	240,429	240,862	91,305	332,167	140,125	6,495	146,620
6448 CARBON COUNTY	329	-	182,600	182,929	-	182,929	106,421	19,707	126,128
6449 CARTER COUNTY	102	-	56,763	56,866	-	56,866	33,082	13,296	46,378
6450 CASCADE COUNTY	2,557	-	1,420,491	1,423,048	-	1,423,048	827,877	81,401	909,278
6451 CHOUTEAU COUNTY	277	-	153,785	154,062	36,314	190,376	89,628	(457)	89,171
6452 CUSTER COUNTY	333	-	185,074	185,407	-	185,407	107,863	46,630	154,493
6453 DANIELS COUNTY	60	-	33,560	33,620	-	33,620	19,559	(2,016)	17,542
6456 DAWSON COUNTY	984	-	546,509	547,493	37,699	585,192	318,511	(76,393)	242,118
6459 FALLON COUNTY	294	-	163,174	163,467	27,602	191,069	95,099	20,288	115,388
6460 FERGUS COUNTY	351	-	194,767	195,117	-	195,117	113,512	26,184	139,696
6461 FLATHEAD COUNTY	2,431	-	1,350,720	1,353,151	303,746	1,656,897	787,214	(95,117)	692,097
6462 GALLATIN COUNTY	2,811	-	1,561,667	1,564,478	-	1,564,478	910,156	37,643	947,798
6463 GARFIELD COUNTY	55	-	30,823	30,879	-	30,879	17,964	4,660	22,624
6464 GLACIER COUNTY	324	-	180,022	180,346	131,910	312,257	104,919	(56,236)	48,683
6465 GOLDEN VALLEY COUNTY	51	-	28,176	28,227	-	28,227	16,421	11,633	28,054
6466 GRANITE COUNTY	129	-	71,543	71,672	-	71,672	41,696	14,031	55,728
6467 HILL COUNTY	458	-	254,299	254,757	-	254,757	148,208	(8,646)	139,562
6468 JEFFERSON COUNTY	484	-	268,897	269,381	-	269,381	156,716	5,499	162,215
6469 JUDITH BASIN COUNTY	96	-	53,401	53,497	-	53,497	31,123	3,024	34,146
6470 LAKE COUNTY	977	-	542,749	543,726	107,635	651,361	316,320	(59,963)	256,357
6471 LEWIS & CLARK COUNTY	2,174	-	1,207,990	1,210,165	-	1,210,165	704,029	32,029	736,058
6472 LIBERTY COUNTY	139	-	77,245	77,384	-	77,384	45,019	9,873	54,892
6473 LINCOLN COUNTY	755	-	419,482	420,237	-	420,237	244,478	14,082	258,560
6474 MADISON COUNTY	288	-	159,917	160,205	156,827	317,032	93,201	(58,444)	34,758

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Deferred Inflows of Resources as of June 30, 2020						Pension Expense as of June 30, 2020		
	Difference Between Expected and Actual Experience	Net Difference Between Projected Actual Investment Earnings of Pension Plan Investments	Change of Assumptions	Total Collective Deferred Inflows	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
Total ALL Employers	\$ 34,157	\$ -	\$ 18,976,339	\$ 19,010,496	\$ 2,157,748	\$ 21,168,244	\$ 11,059,607	\$ -	\$ 11,059,607
Employer									
6475 MCCONE COUNTY	83	-	46,014	46,096	9,519	55,616	26,817	(3,918)	22,899
6476 MEAGHER COUNTY	73	-	40,368	40,440	14,029	54,470	23,527	(11,203)	12,324
6477 MINERAL COUNTY	168	-	93,381	93,549	59,278	152,826	54,423	(47,224)	7,199
6478 MISSOULA COUNTY	4,020	-	2,233,557	2,237,577	-	2,237,577	1,301,740	327,945	1,629,685
6479 MUSSELSHELL COUNTY	155	-	86,289	86,444	41,989	128,432	50,290	(29,084)	21,206
6480 PARK COUNTY	512	-	284,718	285,231	17,355	302,585	165,937	(21,151)	144,786
6481 PETROLEUM COUNTY	26	-	14,496	14,522	-	14,522	8,448	2,079	10,527
6482 PHILLIPS COUNTY	134	-	74,328	74,461	68,024	142,485	43,319	(34,703)	8,616
6483 PONDERA COUNTY	232	-	128,865	129,097	58,550	187,647	75,104	(22,027)	53,077
6485 POWDER RIVER COUNTY	85	-	47,220	47,305	11,407	58,713	27,521	(631)	26,890
6484 POWELL COUNTY	100	-	55,372	55,472	13,999	69,470	32,271	(5,732)	26,539
6486 PRAIRIE COUNTY	58	-	32,098	32,156	8,252	40,408	18,707	(2,532)	16,175
6487 RAVALLI COUNTY	1,151	-	639,219	640,370	98,332	738,702	372,544	(35,495)	337,048
6488 RICHLAND COUNTY	508	-	282,358	282,866	152,145	435,012	164,561	(77,875)	86,686
6489 ROOSEVELT COUNTY	584	-	324,322	324,906	-	324,906	189,018	102,648	291,667
6490 ROSEBUD COUNTY	445	-	247,065	247,510	136,698	384,208	143,992	(76,766)	67,226
6491 SANDERS COUNTY	401	-	222,693	223,094	-	223,094	129,788	15,990	145,778
6492 SHERIDAN COUNTY	179	-	99,486	99,666	52,899	152,565	57,982	(18,047)	39,935
6494 STILLWATER COUNTY	299	-	166,082	166,381	-	166,381	96,794	32,311	129,105
6495 SWEET GRASS COUNTY	154	-	85,530	85,684	21,144	106,828	49,848	(12,166)	37,682
6496 TETON COUNTY	213	-	118,134	118,347	10,954	129,301	68,850	(12,213)	56,637
6497 TOOLE COUNTY	340	-	189,037	189,377	67,680	257,057	110,173	(29,639)	80,533
6498 TREASURE COUNTY	32	-	17,750	17,782	-	17,782	10,345	(2,771)	7,574
6499 VALLEY COUNTY	317	-	175,913	176,229	31,334	207,563	102,524	5,587	108,111
6500 WHEATLAND COUNTY	200	-	110,981	111,181	8,322	119,502	64,681	(3,639)	61,042
6501 WIBAUX COUNTY	89	-	49,265	49,353	-	49,353	28,712	11,547	40,259
6502 YELLOWSTONE COUNTY	3,377	-	1,875,932	1,879,309	-	1,879,309	1,093,313	164,886	1,258,199
6620 DEPARTMENT OF JUSTICE	1,625	-	903,064	904,689	252,382	1,157,071	526,315	(172,734)	353,581

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Recognition of Deferred Outflows and Deferred Inflows as of June 30, 2020						Sensitivity of Employer's Proportionate Share of the Net Pension Liability as of June 30, 2020		
	2021	2022	2023	2024	2025	Future Year Deferrals	1% Decrease 6.34%	Discount Rate 7.34%	1% Increase 8.34%
	Total ALL Employers	(\$1,721,020)	10,194,331	10,029,206	8,059,977	-	-	\$193,871,546	121,885,990
Employer									
6458 ANACONDA-DEER LODGE COUNTY	1,615	60,387	61,131	49,561	-	-	902,195	567,205	293,181
6510 BUTTE SILVER BOW	(50,300)	148,398	157,658	108,450	-	-	3,213,439	2,020,272	1,044,254
6444 BEAVERHEAD COUNTY	4,406	89,731	85,325	61,620	-	-	1,588,208	998,498	516,111
6445 BIG HORN COUNTY	(35,352)	148,095	167,363	133,581	-	-	2,994,385	1,882,553	973,069
6446 BLAINE COUNTY	(36,460)	36,358	41,188	40,797	-	-	994,326	625,127	323,121
6447 BROADWATER COUNTY	(41,772)	95,632	99,022	92,359	-	-	2,456,345	1,544,291	798,225
6448 CARBON COUNTY	2,926	106,306	101,043	77,330	-	-	1,865,536	1,172,852	606,233
6449 CARTER COUNTY	7,753	43,800	43,637	31,041	-	-	579,923	364,595	188,455
6450 CASCADE COUNTY	(16,279)	808,352	799,945	601,405	-	-	14,512,427	9,123,884	4,716,026
6451 CHOUTEAU COUNTY	(31,708)	73,466	74,099	63,093	-	-	1,571,147	987,771	510,567
6452 CUSTER COUNTY	24,974	111,851	115,775	92,630	-	-	1,890,807	1,188,740	614,445
6453 DANIELS COUNTY	(5,946)	23,635	27,928	17,147	-	-	342,862	215,556	111,418
6456 DAWSON COUNTY	(88,105)	260,906	284,824	269,662	-	-	5,583,401	3,510,254	1,814,408
6459 FALLON COUNTY	(9,524)	69,660	77,907	62,760	-	-	1,667,060	1,048,072	541,736
6460 FERGUS COUNTY	13,520	125,917	119,474	85,970	-	-	1,989,832	1,250,997	646,625
6461 FLATHEAD COUNTY	(213,974)	569,486	657,471	573,969	-	-	13,799,615	8,675,743	4,484,387
6462 GALLATIN COUNTY	(121,810)	894,675	840,075	640,847	-	-	15,954,752	10,030,666	5,184,731
6463 GARFIELD COUNTY	4,250	15,865	17,330	13,429	-	-	314,904	197,978	102,333
6464 GLACIER COUNTY	(66,247)	74,257	65,688	46,381	-	-	1,839,196	1,156,293	597,674
6465 GOLDEN VALLEY COUNTY	13,438	27,649	18,026	14,180	-	-	287,863	180,978	93,545
6466 GRANITE COUNTY	5,602	46,141	39,821	30,607	-	-	730,922	459,527	237,524
6467 HILL COUNTY	(27,658)	138,877	148,860	119,337	-	-	2,598,043	1,633,375	844,272
6468 JEFFERSON COUNTY	(40,863)	162,050	153,646	107,498	-	-	2,747,184	1,727,140	892,738
6469 JUDITH BASIN COUNTY	2,247	37,239	32,210	18,928	-	-	545,570	342,997	177,291
6470 LAKE COUNTY	(140,660)	276,060	273,288	243,401	-	-	5,544,994	3,486,107	1,801,927
6471 LEWIS & CLARK COUNTY	(63,322)	740,240	744,671	604,169	-	-	12,341,419	7,758,983	4,010,525
6472 LIBERTY COUNTY	531	52,333	51,679	45,242	-	-	789,170	496,147	256,453
6473 LINCOLN COUNTY	8,063	295,523	266,729	206,006	-	-	4,285,629	2,694,352	1,392,678
6474 MADISON COUNTY	(71,871)	37,860	59,777	41,254	-	-	1,633,791	1,027,155	530,924

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Recognition of Deferred Outflows and Deferred Inflows as of June 30, 2020						Sensitivity of Employer's Proportionate Share of the Net Pension Liability as of June 30, 2020		
	2021	2022	2023	2024	2025	Future Year Deferrals	1% Decrease 6.34%	Discount Rate 7.34%	1% Increase 8.34%
Total ALL Employers	(\$1,721,020)	10,194,331	10,029,206	8,059,977	-	-	\$193,871,546	121,885,990	63,001,399
Employer									
6475 MCCONE COUNTY	(8,782)	22,061	23,123	18,486	-	-	470,097	295,547	152,765
6476 MEAGHER COUNTY	(12,099)	19,814	20,605	14,156	-	-	412,417	259,285	134,021
6477 MINERAL COUNTY	(39,155)	30,731	45,061	34,798	-	-	954,023	599,789	310,024
6478 MISSOULA COUNTY	102,502	1,245,232	1,073,565	877,128	-	-	22,819,109	14,346,250	7,415,404
6479 MUSSELSHELL COUNTY	(27,779)	34,030	38,531	34,013	-	-	881,566	554,236	286,478
6480 PARK COUNTY	(50,608)	149,457	153,524	128,812	-	-	2,908,820	1,828,759	945,264
6481 PETROLEUM COUNTY	1,235	9,941	10,009	4,817	-	-	148,099	93,109	48,127
6482 PHILLIPS COUNTY	(33,228)	24,857	22,952	21,437	-	-	759,367	477,410	246,767
6483 PONDERA COUNTY	(29,956)	37,877	50,532	63,378	-	-	1,316,547	827,706	427,831
6485 POWDER RIVER COUNTY	(4,976)	17,321	22,797	19,548	-	-	482,428	303,300	156,772
6484 POWELL COUNTY	3,523	28,257	24,823	6,906	-	-	565,706	355,657	183,835
6486 PRAIRIE COUNTY	(4,729)	14,434	14,972	12,001	-	-	327,931	206,169	106,566
6487 RAVALLI COUNTY	(82,446)	330,694	304,408	243,771	-	-	6,530,577	4,105,738	2,122,207
6488 RICHLAND COUNTY	(87,341)	97,356	122,989	110,087	-	-	2,884,709	1,813,601	937,428
6489 ROOSEVELT COUNTY	73,970	230,440	187,420	175,407	-	-	3,313,437	2,083,140	1,076,750
6490 ROSEBUD COUNTY	(95,115)	104,275	111,662	88,315	-	-	2,524,141	1,586,914	820,257
6491 SANDERS COUNTY	(16,541)	116,872	126,515	91,449	-	-	2,275,141	1,430,369	739,340
6492 SHERIDAN COUNTY	(28,660)	37,078	34,401	43,539	-	-	1,016,402	639,007	330,295
6494 STILLWATER COUNTY	16,275	92,589	96,351	79,075	-	-	1,696,777	1,066,754	551,393
6495 SWEET GRASS COUNTY	(16,163)	39,819	38,052	36,871	-	-	873,820	549,366	283,961
6496 TETON COUNTY	(16,517)	63,719	60,523	46,682	-	-	1,206,920	758,784	392,206
6497 TOOLE COUNTY	(52,326)	90,946	84,279	74,029	-	-	1,931,292	1,214,193	627,602
6498 TREASURE COUNTY	(4,657)	7,673	15,259	7,124	-	-	181,341	114,008	58,929
6499 VALLEY COUNTY	(21,822)	97,374	77,886	61,466	-	-	1,797,211	1,129,897	584,030
6500 WHEATLAND COUNTY	(11,415)	52,385	58,110	47,946	-	-	1,133,835	712,836	368,456
6501 WIBAUX COUNTY	6,381	30,003	23,679	19,662	-	-	503,313	316,430	163,559
6502 YELLOWSTONE COUNTY	(36,008)	1,131,211	1,106,000	845,390	-	-	19,165,436	12,049,206	6,228,089
6620 DEPARTMENT OF JUSTICE	(272,057)	467,136	455,588	361,031	-	-	9,226,139	5,800,424	2,998,169

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Schedule of Employer's Proportionate Share of the Net Pension Liability as of June 30, 2020				Schedule of Employer Contributions as of June 30, 2020				
	Net Pension Liability Employer	Employer's Covered Payroll	Employer's Proportionate Share as a % of Covered Payroll	Plan Fiduciary Net Position as a % of Total Pension Liability	Contractually Required Contribution	Contributions in Relation to the Contractually Required Contributions	Contribution Deficiency (Excess)	Employer's Covered Payroll	Contributions as % Covered Payroll
Total ALL Employers	\$ 121,885,990	\$ 84,942,848	143.49%	75.92%	\$ 11,175,181	\$ 11,175,181	\$ -	\$ 84,942,848	13.16%
Employer									
6458 ANACONDA-DEER LODGE COUNTY	567,205	396,463	143.07%	75.92%	52,004	52,004	-	396,463	13.12%
6510 BUTTE SILVER BOW	2,020,272	1,407,365	143.55%	75.92%	185,230	185,230	-	1,407,365	13.16%
6444 BEAVERHEAD COUNTY	998,498	695,571	143.55%	75.92%	91,548	91,548	-	695,571	13.16%
6445 BIG HORN COUNTY	1,882,553	1,311,419	143.55%	75.92%	172,603	172,603	-	1,311,419	13.16%
6446 BLAINE COUNTY	625,127	435,474	143.55%	75.92%	57,315	57,315	-	435,474	13.16%
6447 BROADWATER COUNTY	1,544,291	1,075,780	143.55%	75.92%	141,589	141,589	-	1,075,780	13.16%
6448 CARBON COUNTY	1,172,852	817,028	143.55%	75.92%	107,534	107,534	-	817,028	13.16%
6449 CARTER COUNTY	364,595	253,983	143.55%	75.92%	33,428	33,428	-	253,983	13.16%
6450 CASCADE COUNTY	9,123,884	6,355,855	143.55%	75.92%	836,528	836,528	-	6,355,855	13.16%
6451 CHOUTEAU COUNTY	987,771	688,099	143.55%	75.92%	90,564	90,564	-	688,099	13.16%
6452 CUSTER COUNTY	1,188,740	828,096	143.55%	75.92%	108,990	108,990	-	828,096	13.16%
6453 DANIELS COUNTY	215,556	150,160	143.55%	75.92%	19,763	19,763	-	150,160	13.16%
6456 DAWSON COUNTY	3,510,254	2,445,301	143.55%	75.92%	321,840	321,840	-	2,445,301	13.16%
6459 FALLON COUNTY	1,048,072	730,105	143.55%	75.92%	96,093	96,093	-	730,105	13.16%
6460 FERGUS COUNTY	1,250,997	873,319	143.25%	75.92%	114,698	114,698	-	873,319	13.13%
6461 FLATHEAD COUNTY	8,675,743	6,043,660	143.55%	75.92%	795,440	795,440	-	6,043,660	13.16%
6462 GALLATIN COUNTY	10,030,666	6,995,113	143.40%	75.92%	919,667	919,667	-	6,995,113	13.15%
6463 GARFIELD COUNTY	197,978	137,915	143.55%	75.92%	18,152	18,152	-	137,915	13.16%
6464 GLACIER COUNTY	1,156,293	805,492	143.55%	75.92%	106,015	106,015	-	805,492	13.16%
6465 GOLDEN VALLEY COUNTY	180,978	126,073	143.55%	75.92%	16,593	16,593	-	126,073	13.16%
6466 GRANITE COUNTY	459,527	320,114	143.55%	75.92%	42,132	42,132	-	320,114	13.16%
6467 HILL COUNTY	1,633,375	1,137,838	143.55%	75.92%	149,757	149,757	-	1,137,838	13.16%
6468 JEFFERSON COUNTY	1,727,140	1,203,156	143.55%	75.92%	158,354	158,354	-	1,203,156	13.16%
6469 JUDITH BASIN COUNTY	342,997	238,937	143.55%	75.92%	31,448	31,448	-	238,937	13.16%
6470 LAKE COUNTY	3,486,107	2,428,482	143.55%	75.92%	319,626	319,626	-	2,428,482	13.16%
6471 LEWIS & CLARK COUNTY	7,758,983	5,405,041	143.55%	75.92%	711,386	711,386	-	5,405,041	13.16%
6472 LIBERTY COUNTY	496,147	345,625	143.55%	75.92%	45,490	45,490	-	345,625	13.16%
6473 LINCOLN COUNTY	2,694,352	1,876,933	143.55%	75.92%	247,033	247,033	-	1,876,933	13.16%
6474 MADISON COUNTY	1,027,155	715,534	143.55%	75.92%	94,175	94,175	-	715,534	13.16%

**Employer Proportionate Share Allocations
Sheriffs' Retirement System
- Cost Sharing Plan**
for the year ending June 30

	Schedule of Employer's Proportionate Share of the Net Pension Liability as of June 30, 2020				Schedule of Employer Contributions as of June 30, 2020				
	Net Pension Liability Employer	Employer's Covered Payroll	Employer's Proportionate Share as a % of Covered Payroll	Plan Fiduciary Net Position as a % of Total Pension Liability	Contractually Required Contribution	Contributions in Relation to the Contractually Required Contributions	Contribution Deficiency (Excess)	Employer's Covered Payroll	Contributions as % Covered Payroll
Total ALL Employers	\$ 121,885,990	\$ 84,942,848	143.49%	75.92%	\$ 11,175,181	\$ 11,175,181	\$ -	\$ 84,942,848	13.16%
Employer									
6475 MCCONE COUNTY	295,547	205,883	143.55%	75.92%	27,097	27,097	-	205,883	13.16%
6476 MEAGHER COUNTY	259,285	180,622	143.55%	75.92%	23,773	23,773	-	180,622	13.16%
6477 MINERAL COUNTY	599,789	417,824	143.55%	75.92%	54,992	54,992	-	417,824	13.16%
6478 MISSOULA COUNTY	14,346,250	9,994,802	143.54%	75.92%	1,315,343	1,315,343	-	9,994,802	13.16%
6479 MUSSELSHELL COUNTY	554,236	386,090	143.55%	75.92%	50,815	50,815	-	386,090	13.16%
6480 PARK COUNTY	1,828,759	1,273,945	143.55%	75.92%	167,671	167,671	-	1,273,945	13.16%
6481 PETROLEUM COUNTY	93,109	64,861	143.55%	75.92%	8,537	8,537	-	64,861	13.16%
6482 PHILLIPS COUNTY	477,410	332,571	143.55%	75.92%	43,772	43,772	-	332,571	13.16%
6483 PONDERA COUNTY	827,706	598,856	138.21%	75.92%	75,889	75,889	-	598,856	12.67%
6485 POWDER RIVER COUNTY	303,300	212,284	142.87%	75.92%	27,808	27,808	-	212,284	13.10%
6484 POWELL COUNTY	355,657	247,756	143.55%	75.92%	32,609	32,609	-	247,756	13.16%
6486 PRAIRIE COUNTY	206,169	143,620	143.55%	75.92%	18,903	18,903	-	143,620	13.16%
6487 RAVALLI COUNTY	4,105,738	2,860,128	143.55%	75.92%	376,437	376,437	-	2,860,128	13.16%
6488 RICHLAND COUNTY	1,813,601	1,263,386	143.55%	75.92%	166,281	166,281	-	1,263,386	13.16%
6489 ROOSEVELT COUNTY	2,083,140	1,451,152	143.55%	75.92%	190,994	190,994	-	1,451,152	13.16%
6490 ROSEBUD COUNTY	1,586,914	1,105,472	143.55%	75.92%	145,497	145,497	-	1,105,472	13.16%
6491 SANDERS COUNTY	1,430,369	996,419	143.55%	75.92%	131,144	131,144	-	996,419	13.16%
6492 SHERIDAN COUNTY	639,007	445,143	143.55%	75.92%	58,588	58,588	-	445,143	13.16%
6494 STILLWATER COUNTY	1,066,754	743,117	143.55%	75.92%	97,806	97,806	-	743,117	13.16%
6495 SWEET GRASS COUNTY	549,366	382,697	143.55%	75.92%	50,369	50,369	-	382,697	13.16%
6496 TETON COUNTY	758,784	528,581	143.55%	75.92%	69,569	69,569	-	528,581	13.16%
6497 TOOLE COUNTY	1,214,193	845,828	143.55%	75.92%	111,324	111,324	-	845,828	13.16%
6498 TREASURE COUNTY	114,008	79,420	143.55%	75.92%	10,453	10,453	-	79,420	13.16%
6499 VALLEY COUNTY	1,129,897	787,104	143.55%	75.92%	103,595	103,595	-	787,104	13.16%
6500 WHEATLAND COUNTY	712,836	496,574	143.55%	75.92%	65,357	65,357	-	496,574	13.16%
6501 WIBAUX COUNTY	316,430	220,430	143.55%	75.92%	29,012	29,012	-	220,430	13.16%
6502 YELLOWSTONE COUNTY	12,049,206	8,393,682	143.55%	75.92%	1,104,738	1,104,738	-	8,393,682	13.16%
6620 DEPARTMENT OF JUSTICE	5,800,424	4,040,671	143.55%	75.92%	531,815	531,815	-	4,040,671	13.16%

Public Employees' Retirement Board (PERB)

A Component Unit of the State of Montana

Sheriffs' Retirement System (SRS)

Notes to the Employer Proportionate Share Allocations

June 30, 2021

The Schedule of Employer Proportionate Share Allocations provides the required information under GASB Statement 68 for the SRS Multiple-Employer, Cost Sharing Plan (the Plan). The individual participating employers should use this information along with fiscal year 2021 contribution data to prepare financial reports in accordance with GASB Statement 68.

GASB Statement 68 allows a measurement date of up to 12 months before the employer's fiscal year-end. The schedules provided with this report are for employers who are using a June 30, 2020 measurement date for their 2021 reporting.

As allowed by GASB Statement 68, the basis for the total pension liability as of June 30, 2020, was determined by taking the results of the June 30, 2019 actuarial valuation and applying standard roll forward procedures. The roll forward procedure uses a calculation that adds the annual normal cost (also called the service cost), subtracts the actual benefit payments and refunds for the plan year, and then applies the expected investment rate of return for the year. The update procedures are in conformity with Actuarial Standards of Practice issued by the Actuarial Standards Board.

Employer Proportionate Share Allocations

Under the direction and oversight of the Public Employees' Retirement Board (PERB), Cavanaugh Macdonald Consulting LLC prepared the schedule and calculated the total pension liability; however, responsibility for the schedule remains with the Montana Public Employee Retirement Administration (MPERA) management, staff of the PERB. The Employer Proportionate Share Allocations schedule was extracted from the GASB 68 Report, with totals for all employer contributing entities at the top of each page.

The financial statements of the PERB *Comprehensive Annual Financial Report* (CAFR) and the GASB 68 Report disclose the Plan's fiduciary net position. Both reports are available on the MPERA website.

Assumptions

The calculations in the GASB 68 Report used the same facts and assumptions found in the FY2019 SRS Actuary Valuation report, except for the change in assumptions to measure the Total Pension Liability (TPL) described on the next page. The Summary of Results for the pension plan which includes financial statement information and membership information; Actuarial Procedures and Methods; and Summary of Benefit Provisions are contained in the report. The Actuary Valuation report may be viewed on MPERA's website at: <http://mpera.mt.gov/ABOUT/ActuarialStudies>.

Change in actuarial assumptions

The changes to the actuarial assumptions to measure the TPL are:

- The discount rate was lowered from 7.65% to 7.34%.
- The investment rate of return was lowered from 7.65% to 7.34%.
- The inflation rate was reduced from 2.75% to 2.40%.

Employer Proportionate Share Allocations - Contributions

The schedule, on pages 1-2, provides information on the measurement date (FY2020) regarding the contribution percentages and contribution amounts for individual employers.

State law defines contributions to the Plan as a percentage of salary and is consistent for all employers. The Plan's actuarial assumptions reflect the current demographics of all employers, along with the employer's expected long-term contribution effort to the Plan in relation to other employers.

Change in actuarial allocation calculations

All employer adjustments made in the current fiscal year but are adjusting a payroll with a pay date in a prior fiscal year, are considered prior year adjustments and are removed from the covered payroll report before the actuary calculates the employers proportionate share.

Employer Proportionate Share Allocations - Net Pension Liability

The schedule, on pages 1-2, provides the proportionate share and the net pension liability for the employers for fiscal years 2019 and 2020. The calculation of proportionate share used actual contributions made to the Plan during the measurement period (FY2020). The net pension liability component used the proportionate share allocation of the collective pension amounts for the employers.

The ratio of employer's contributions to total contributions from all employers equals the employer's proportionate share.

Employer Proportionate Share Allocations - Deferred Outflows and Deferred Inflows

Presented on pages 3-6 are the Deferred Outflows and Deferred Inflows by source. Since the amortization of certain expense items are over closed periods each year, the deferred portions of these items must be tracked annually. If they increased pension expense, they are labeled deferred outflows. If the amounts reduced pension expense, they are labeled deferred inflows. The amortization of amounts is calculated on a level dollar basis, with no interest included in the deferred amounts. The Total Collective Deferred Outflows and Total Collective Deferred Inflows columns are for audit purposes as the audit provides assurance of the total collective deferrals, not the individual components of the deferred items. The total collective deferred amounts in the schedule are not inclusive of the changes in proportion and differences between employer contributions and proportionate share of contributions. The total collective deferred outflows are also not inclusive of the employer contributions subsequent to the measurement date. The number signs (#) displayed in the column indicates the employer must obtain and enter this information for their FY2021 reporting. Employers should report the changes in proportion and differences between employer contributions and proportionate share of contributions and the employer contributions subsequent to the measurement date, as applicable.

Employer Proportionate Share Allocations - Pension Expense

Pages 5-6 lists the amount of Pension Expense. Pension expense includes amounts for service cost (the annual normal cost under the entry age normal actuarial cost method), interest on the total pension liability, changes in benefit structure, amortization of increases/decreases in liability due to actuarial experience and actuarial assumption changes, and amortization of investment gains/losses.

The unrecognized portion of each year's experience, assumption changes and investment gains/losses are used to develop deferred outflows and inflows, which must be included in the employer's financial statements.

Gains, Losses and Assumption Changes

The experience gains or losses are the portion of current year change in total pension liability due to actual versus expected experience for the year. The portion recognized in the current year was determined by spreading the total change, including any assumption changes impacts, over the average expected remaining service life of the entire Plan membership. The average expected remaining service life was estimated at five years. Investment gains and losses are recognized over five years.

For FY2021 reporting, there was a total actuarial experience loss. This total loss is a result of a loss in the financial experience and the assumption change in the discount rate from 7.65% to 7.34%. There have been no benefit, contribution, or method changes since the previous valuation.

The assumptions and methods utilized in the June 30, 2019 valuation were developed in the six-year experience study for the period ending June 30, 2016.

Employer Notes and Disclosures

As required by GASB Statement 68, the information on pages 7-10 of the Employer Proportionate Share Allocations schedule are for the employer's use in their notes and required supplementary information disclosures. The Recognition of Deferred Outflows and Deferred Inflows are on pages 7-8; the Sensitivity of Employer's Proportionate Share of the Net Pension Liability on pages 7-8 shows the sensitivity of the net pension liability to the discount rate. A small change in the discount rate can create a significant change in the net pension liability. Listed on pages 9-10, the Schedule of Employer's Proportionate Share of the Net Pension Liability for 2020 includes the Employer's Covered Payroll and the ratios of the Employer's Proportionate Share as a percent of Covered Payroll and the Plan Fiduciary Net Position as a percent of Total Pension Liability. Pages 9-10, the Schedule of Employer Contributions includes the Contractually Required Contribution, the Contributions in Relation to the Contractually Required Contributions, and the Contribution Deficiency (Excess). The final columns present the Employer's Covered Payroll and the Contributions as a percent of Covered Payroll.