



RETIREMENT SYSTEM

A Fiduciary Fund of the State of Wyoming

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts



Partnering to Build Financial Security For Members and their Families

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Wyoming Retirement System

2019 GASB 68 Report

Schedule of Employer Allocations and Collective Pension Amounts

A Fiduciary Fund of the State of Wyoming

For the Fiscal Years Ended December 31, 2019 and 2018

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David Swindell, Executive Director
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Wyoming Retirement System

Partnering to Build Financial Security for Members and their Families

Mark Gordon
Governor

David Swindell
Executive Director

Financial and Actuarial Information for the Fiscal Year Ended December 31, 2019

Financial information supporting the preparation of the Schedules of Employer Allocations and the Schedules of Collective Pension Amounts is included within this publication. Additional actuarial information for the plan may be obtained in a separate GASB 68 report prepared by the Wyoming Retirement System's Actuary, and additional financial information may be found within the Wyoming Retirement System's Comprehensive Annual Financial Report (CAFR) for the fiscal year ended December 31, 2019.

Each participating employer is solely responsible for its financial statements and for evaluating, the information used to recognize and disclose pension amounts therein. Likewise, each participating employer's auditor is solely responsible for the audit of the employer's financial statements. In accordance with the State and Local Government Expert Panel's (SLGEP's) of the American Institute of Certified Public Accounts (AICPA) whitepaper *Governmental Employer Participation in Cost-Sharing Multiple Employer Plans: Issues Related to Information for Employer Reporting*:

"The employer and the employer auditor may use the plan auditor's report on the schedules to provide evidence that the pension amounts allocated to the employer and included in the employer's financial statements are not materially misstated."

The employer contributions as reported within this report reflect only employee and employer contributions received by the Wyoming Retirement System for the calendar year ending December 31, 2019. This information does not include service purchase payments, rehired retiree payments, penalty interest payments or any other payment received within the calendar year but posted for a period other than the current period.

This publication, the disclosure for accounting policies, relationship to the systems financial statements, actuary and investment assumption will be found within the CAFR. The plan GASB 68 actuarial reports and the CAFR are available on the Wyoming Retirement System website at <http://retirement.wyo.gov>.

Independent Auditor's Report



Independent Auditor's Report

To the Wyoming Retirement Board
Wyoming Retirement System
Cheyenne, Wyoming

Report on Schedule of Employer Allocations and Collective Pension Amounts

We have audited the accompanying schedule of employer allocations (and separated by state agencies) of Public Employees Pension Plan; State Patrol, Game & Fish Warden Pension Plan, and Criminal Investigator Pension Plan; Volunteer Firefighter & EMT Pension Plan; Paid Firemen's Pension Plan A, Paid Firemen's Pension Plan B, Judicial Pension Plan, Law Enforcement Pension Plan, and Air Guard Firefighter Pension Plan (WRS Pension Plans) as of and for the years ended December 31, 2019 and 2018 and related notes. We have also audited the totals for the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflow of resources and plan pension expense (specified column totals) included in the accompanying schedule of collective pension amounts (collectively the Schedules) of the WRS Pension Plans as of and for the year ended December 31, 2019, and related notes to the Schedules.

Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of the Schedules in accordance with accounting principles generally accepted in the United States of America; this includes design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the Schedules that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on the schedule of employer allocations and specified column totals included in the schedule of collective pension amounts based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the Schedules are free from material misstatement.

An audit involves performing procedures to obtain audit evidence to obtain audit evidence about the amounts and disclosures in the schedule of employer allocations and specified column totals included in the schedule of collective pension amounts. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Schedules, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the Schedules 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 WRS Pension Plan's internal control. 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 evaluating the overall presentation of the Schedules.

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

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Opinions

In our opinion, the Schedules referred to above present fairly, in all material respects, the employer allocations and net pension liability (asset), total deferred outflows of resources, total deferred inflow of resources, and plan pension expense for the total of all participating entities for the WRS Pension Plans as of and for the year ended December 31, 2019 and 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matters

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the WRS Pension Plans as of and for the year ended December 31, 2019, and our report thereon, dated June 19, 2020, expressed an unmodified opinion on those financial statements.

Other Information

Our audit was conducted for the purpose of forming opinions on the Schedules that collectively comprise the WRS Pension Plans as a whole. The supplementary information, schedule of changes in net pension liability (asset) and related ratios – multiyear, pension expense, statement of outflows and inflows arising from current reporting period, history of deferred outflows and inflows by resources by source, the statement of outflows and inflows arising from current and prior reporting periods, the statement of fiduciary net position, and the statement of changes in fiduciary net position (collectively the supplementary information schedules) for 2019 are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the Schedules. The 2019 information has been subjected to the auditing procedures applied in the audit of the Schedules and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the Schedules or to the Schedules themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the accompanying financial information listed as supplemental information schedules pertaining to 2019 are fairly stated, in all material respects, in relation to the Schedules as a whole.

The Additional Financial and Actuarial Information on page 1 has not been subjected to the auditing procedures applied in the audit of the accompanying Schedules and, accordingly, we do not express an opinion or provide any assurance on it.

Restriction on Use

Our report is intended solely for the information and use of the WRS Pension Plan's management, the Wyoming Retirement Board, WRS Pension Plan's employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.



Boise, Idaho
June 19, 2020

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Public Employees Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019	2018		
Total Contributions		\$309,039,160	\$292,166,811		
Net Pension Liability		\$2,349,926,281	\$3,045,290,883		
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
895	Afton/Lincoln County Airport	\$10,014	0.000032404	\$9,272	0.000031735
20	Albany County	\$759,334	0.002457079	\$664,196	0.002273345
21	Albany County Fair Board	\$19,881	0.000064331	\$17,011	0.000058224
200	Albany County Library	\$100,074	0.000323824	\$97,925	0.000335168
539	Albany County SAFE Project	\$54,534	0.000176463	\$49,080	0.000167986
300	Albany County Schools	\$5,754,433	0.018620400	\$5,489,008	0.018787240
930	Albany County Weed & Pest	\$28,866	0.000093406	\$26,533	0.000090815
522	Ark Regional Services Inc.	\$641,207	0.002074839	\$623,972	0.002135670
917	Baggs Solid Waste	\$31,735	0.000102690	\$35,804	0.000122546
963	Basin Authority Child Sup.	\$64,137	0.000207537	\$62,288	0.000213193
158	Big Horn Canal Irrigation	\$17,267	0.000055873	\$16,242	0.000055592
22	Big Horn County	\$383,697	0.001241581	\$371,745	0.001272372
123	Big Horn County Fire District # 1	\$7,337	0.000023741	\$7,091	0.000024270
201	Big Horn County Library	\$3,046	0.000009857	\$-	0.000000000
913	Big Horn County Solid Waste District	\$14,965	0.000048425	\$14,300	0.000048945
931	Big Horn County Weed & Pest	\$34,368	0.000111208	\$36,520	0.000124997
315	Big Horn CSD #1	\$1,451,969	0.004698333	\$1,364,657	0.004670815
318	Big Horn CSD #2	\$1,079,017	0.003491521	\$1,036,436	0.003547412
330	Big Horn CSD #3	\$898,747	0.002908197	\$857,502	0.002934974
323	Big Horn CSD #4	\$604,917	0.001957411	\$581,425	0.001990045
521	Big Horn Enterprises	\$207,407	0.000671135	\$198,408	0.000679092
88	Big Horn Regional Joint Powers Board	\$29,238	0.000094611	\$23,754	0.000081303
1	Big Piney Cemetery District	\$15,806	0.000051147	\$13,740	0.000047028
810	Board of Public Utilities	\$1,300,642	0.004208663	\$1,220,637	0.004177877
993	Bridger Valley Joint Powers Board	\$47,380	0.000153315	\$39,573	0.000135447
919	Byron Solid Waste	\$7,711	0.000024951	\$11,411	0.000039056
24	Campbell County	\$4,049,059	0.013102089	\$3,833,415	0.013120638
9	Campbell County Cemetery District	\$65,445	0.000211768	\$56,937	0.000194878
558	Campbell County Conservation District	\$33,017	0.000106836	\$35,112	0.000120178
25	Campbell County Public Land DBA Cam-plex	\$297,338	0.000962136	\$272,481	0.000932621
286	Campbell County Senior Citizens Association, Inc.	\$110,412	0.000357275	\$96,070	0.000328819
939	Campbell County Weed And Pest District	\$45,237	0.000146381	\$39,833	0.000136336
332	Campbell CSD #1	\$13,914,964	0.045026538	\$13,360,375	0.045728586
26	Carbon County	\$677,803	0.002193259	\$613,041	0.002098257
525	Carbon County COVE	\$14,989	0.000048503	\$18,709	0.000064035
961	Carbon County Higher Education	\$138,461	0.000448038	\$134,174	0.000459238
203	Carbon County Library System	\$45,693	0.000147854	\$43,992	0.000150572
265	Carbon County Senior Services, Inc.	\$89,350	0.000289122	\$85,001	0.000290933
932	Carbon County Weed & Pest	\$28,578	0.000092475	\$24,625	0.000084284

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:					
		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
347	Carbon CSD #1	\$2,801,622	0.009065588	\$2,574,956	0.008813308
350	Carbon CSD #2	\$1,288,316	0.004168780	\$1,271,526	0.004352055
136930	Carbon CSD #2 BOCES	\$1,346	0.000004355	\$-	0.000000000
903	Casper Community College	\$2,128,502	0.006887482	\$2,006,404	0.006867323
983	Casper/Natrona County Airport	\$231,398	0.000748765	\$191,533	0.000655560
904	Central Wyoming Community College	\$1,370,550	0.004434873	\$1,258,979	0.004309110
531	Central Wyoming Counseling Center	\$1,035,486	0.003350663	\$1,127,144	0.003857878
264	Central Wyoming Senior Services	\$67,825	0.000219471	\$65,982	0.000225837
268	Cheyenne Housing Authority	\$151,776	0.000491121	\$145,486	0.000497955
994	Cheyenne Regional Airport	\$129,850	0.000420175	\$117,784	0.000403140
524	Child Development Services Fremont County	\$347,589	0.001124743	\$366,280	0.001253667
968	Child Support Authority 4th Judicial District	\$44,745	0.000144788	\$41,724	0.000142809
990	Child Support Authority 6th Judicial District	\$79,991	0.000258838	\$76,438	0.000261625
547	Children's Advocacy Project	\$54,279	0.000175639	\$40,279	0.000137863
529	Children's Learning Center	\$544,828	0.001762975	\$525,844	0.001799807
805	City of Buffalo	\$218,411	0.000706742	\$204,945	0.000701466
808	City of Casper	\$3,113,762	0.010075622	\$2,889,852	0.009891103
809	City of Cheyenne	\$3,015,302	0.009757022	\$2,760,989	0.009450043
47	City of Cheyenne-Laramie County Health Department	\$385,715	0.001248110	\$314,935	0.001077929
813	City of Cody	\$774,816	0.002507178	\$725,046	0.002481617
820	City of Douglas	\$458,060	0.001482207	\$424,507	0.001452961
827	City of Evanston	\$500,401	0.001619215	\$433,628	0.001484180
831	City of Gillette	\$2,296,646	0.007431571	\$2,145,642	0.007343894
835	City of Green River	\$887,500	0.002871805	\$791,777	0.002710017
844	City of Kemmerer	\$149,390	0.000483403	\$136,131	0.000465936
847	City of Lander	\$307,706	0.000995687	\$299,080	0.001023662
848	City of Laramie	\$1,467,112	0.004747335	\$1,375,335	0.004707362
860	City of Newcastle	\$125,880	0.000407327	\$132,067	0.000452026
865	City of Powell	\$428,036	0.001385054	\$405,240	0.001387016
867	City of Rawlins	\$584,480	0.001891282	\$556,321	0.001904121
870	City of Riverton	\$639,263	0.002068551	\$636,922	0.002179994
872	City of Rock Springs	\$1,471,873	0.004762739	\$1,374,333	0.004703933
874	City of Sheridan	\$1,082,113	0.003501540	\$980,729	0.003356743
878	City of Sundance	\$74,591	0.000241363	\$67,691	0.000231686
882	City of Torrington	\$572,425	0.001852272	\$535,633	0.001833312
887	City of Worland	\$288,504	0.000933550	\$266,999	0.000913858
562	Clear Creek Conservation District	\$15,484	0.000050105	\$13,488	0.000046165
164	Cody Canal Irrigation District	\$32,601	0.000105491	\$29,566	0.000101196
49	Community Action Partnership/Natrona County	\$143,587	0.000464625	\$133,755	0.000457804

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
28	Converse County	\$733,128	0.002372283	\$643,577	0.002202772
297	Converse County Aging Services	\$114,808	0.000371500	\$97,704	0.000334412
135777	Converse County Airport	\$9,831	0.000031812	\$8,851	0.000030294
560	Converse County Conservation District	\$16,504	0.000053405	\$16,307	0.000055814
204	Converse County Library	\$91,566	0.000296294	\$79,451	0.000271937
261	Converse County Senior Housing	\$35,508	0.000114898	\$33,138	0.000113422
933	Converse County Weed & Pest	\$33,773	0.000109285	\$32,023	0.000109605
356	Converse CSD #1	\$2,869,809	0.009286231	\$2,727,873	0.009336697
357	Converse CSD #2	\$888,258	0.002874256	\$870,952	0.002981009
150835	Converse Hope Center	\$29,746	0.000096253	\$27,797	0.000095141
526	Crisis Intervention Services	\$53,476	0.000173040	\$47,774	0.000163516
544	Crisis Prevention and Response Center	\$9,015	0.000029170	\$7,843	0.000026844
30	Crook County	\$337,489	0.001092059	\$305,332	0.001045061
35	Crook County Fair	\$7,993	0.000025864	\$6,400	0.000021905
205	Crook County Library	\$51,184	0.000165622	\$47,735	0.000163383
966	Crook County Museum District	\$23,845	0.000077158	\$23,020	0.000078791
31	Crook County Natural Resource District	\$9,333	0.000030201	\$12,354	0.000042284
366	Crook County Schools	\$1,941,017	0.006280812	\$1,772,043	0.006065176
935	Crook County Weed & Pest	\$19,517	0.000063153	\$18,438	0.000063108
4	Crown Hill Cemetery District	\$16,557	0.000053575	\$16,242	0.000055592
165	Deaver Irrigation District	\$38,912	0.000125913	\$32,142	0.000110012
135238	Deaver-Frannie Cemetery District	\$4,127	0.000013355	\$3,540	0.000012116
147031	Dubois-Crowheart Conservation District	\$6,990	0.000022618	\$6,755	0.000023120
920	Eastern Laramie County Solid Waste Disposal District	\$26,037	0.000084250	\$30,083	0.000102965
906	Eastern Wyoming College	\$590,056	0.001909323	\$574,136	0.001965097
278	Eppson Center For Seniors	\$54,888	0.000177609	\$17,156	0.000058720
152470	Evanston Housing Authority	\$65,407	0.000211646	\$38,407	0.000131456
282	Evanston Parks & Recreation	\$161,693	0.000523211	\$149,574	0.000511947
32	Fremont County	\$1,122,824	0.003633274	\$1,046,903	0.003583237
957	Fremont County BOCES	\$18,187	0.000058849	\$14,686	0.000050266
33	Fremont County Fair	\$34,544	0.000111779	\$32,352	0.000110731
138	Fremont County Fire Protection District	\$80,522	0.000260556	\$68,436	0.000234236
206	Fremont County Library	\$133,539	0.000432110	\$144,317	0.000493954
974	Fremont County Museum	\$44,132	0.000142804	\$41,416	0.000141755
918	Fremont County Solid Waste	\$188,545	0.000610102	\$170,306	0.000582907
936	Fremont County Weed & Pest	\$118,971	0.000384971	\$97,148	0.000332509
378	Fremont CSD #1	\$2,775,163	0.008979973	\$2,623,602	0.008979808
380	Fremont CSD #2	\$378,974	0.001226298	\$339,010	0.001160330
382	Fremont CSD #14	\$1,446,829	0.004681703	\$1,389,284	0.004755105
383	Fremont CSD #21	\$1,447,472	0.004683782	\$1,265,781	0.004332391

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
384	Fremont CSD #24	\$717,469	0.002321613	\$696,808	0.002384966
385	Fremont CSD #25	\$3,786,218	0.012251579	\$3,682,515	0.012604152
389	Fremont CSD #38	\$1,063,899	0.003442604	\$1,019,181	0.003488353
386	Fremont/Wind River CSD #6	\$793,801	0.002568611	\$746,410	0.002554739
156541	Gillette Abuse Refuge Foundation	\$80,500	0.000260486	\$-	0.000000000
127	Gillette/Wright/Campbell County Fire Protection Joint Powers Board	\$51,209	0.000165703	\$48,379	0.000165587
16	Glenrock Area Solid Waste Disposal District	\$28,949	0.000093673	\$28,229	0.000096619
11	Glenrock Cemetery District	\$25,006	0.000080915	\$23,010	0.000078756
239	Glenrock Community Recreation District	\$23,502	0.000076050	\$21,208	0.000072589
143562	Glenrock Hospital District	\$113,651	0.000367756	\$94,995	0.000325140
34	Goshen County	\$368,576	0.001192651	\$355,185	0.001215692
78	Goshen County Fair	\$21,808	0.000070566	\$18,801	0.000064350
207	Goshen County Library	\$26,075	0.000084375	\$28,491	0.000097516
281	Goshen County Senior Friendship Center.	\$59,730	0.000193276	\$50,489	0.000172809
937	Goshen County Weed & Pest	\$28,464	0.000092106	\$23,889	0.000081765
393	Goshen CSD #1	\$3,017,842	0.009765240	\$2,881,273	0.009861740
167	Goshen Irrigation District	\$118,951	0.000384906	\$110,955	0.000379766
997	Green River/Rock Springs/Sweetwater County Joint Powers Water Board	\$145,624	0.000471216	\$150,790	0.000516109
275	Greybull Recreation District	\$7,382	0.000023888	\$6,927	0.000023709
170	Hanover Irrigation District	\$7,064	0.000022858	\$6,209	0.000021252
169	Heart Mountain Irrigation District	\$67,238	0.000217570	\$57,368	0.000196354
527	High Country Behavioral Health	\$285,573	0.000924067	\$233,297	0.000798506
995	High Country Joint Powers Board	\$5,631	0.000018221	\$1,950	0.000006674
528	Hope Agency Inc, Hot Springs Crisis Line	\$8,284	0.000026804	\$7,280	0.000024917
36	Hot Springs County	\$249,577	0.000807589	\$237,155	0.000811711
5	Hot Springs County Cemetery Dist.	\$18,173	0.000058804	\$16,345	0.000055944
208	Hot Springs County Library	\$12,889	0.000041706	\$11,739	0.000040179
279	Hot Springs County Senior Citizens Center	\$41,715	0.000134983	\$40,310	0.000137969
402	Hot Springs CSD #1	\$1,093,557	0.003538570	\$1,051,756	0.003599848
938	Hot Springs Weed & Pest	\$29,018	0.000093898	\$27,449	0.000093950
962	Jackson Hole Airport	\$990,215	0.003204174	\$867,060	0.002967688
911	Jamestown Rio Vista Water Sewer District	\$15,745	0.000050947	\$15,139	0.000051816
125916	Jim Gatchell Memorial Museum	\$24,309	0.000078661	\$18,238	0.000062423
38	Johnson County	\$422,103	0.001365856	\$393,417	0.001346549
81	Johnson County Fair Board	\$13,826	0.000044739	\$12,275	0.000042014
209	Johnson County Library	\$57,495	0.000186045	\$58,816	0.000201310
926	Johnson County Solid Waste	\$23,033	0.000074531	\$19,789	0.000067732
946	Johnson County Weed & Pest	\$19,164	0.000062011	\$17,089	0.000058491
412	Johnson CSD #1	\$2,215,267	0.007168240	\$2,075,958	0.007105386

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
266	Kemmerer Senior Citizens	\$13,019	0.000042128	\$14,531	0.000049735
125921	Kemmerer-Diamondville Water & Wastewater Joint Powers Board	\$97,883	0.000316735	\$87,865	0.000300736
174	Lakeview Irrigation District	\$16,337	0.000052864	\$15,523	0.000053131
260	Lander Senior Citizens	\$63,448	0.000205306	\$54,190	0.000185476
175	LaPrele Irrigation District	\$9,713	0.000031431	\$9,014	0.000030852
40	Laramie County	\$2,033,521	0.006580141	\$1,878,360	0.006429067
907	Laramie County Community College	\$2,352,137	0.007611130	\$2,107,487	0.007213300
566	Laramie County Conservation	\$58,524	0.000189374	\$54,585	0.000186828
83	Laramie County Fair Board	\$-	0.000000000	\$19,905	0.000068129
128	Laramie County Fire Dist. #2	\$9,994	0.000032339	\$8,942	0.000030606
211	Laramie County Library	\$417,319	0.001350376	\$368,275	0.001260496
940	Laramie County Weed & Pest	\$40,301	0.000130407	\$35,020	0.000119863
423	Laramie CSD #1	\$20,892,926	0.067606078	\$20,055,840	0.068645169
424	Laramie CSD #2	\$1,721,925	0.005571867	\$1,626,247	0.005566159
422	Laramie Montessori School	\$99,473	0.000321877	\$94,459	0.000323305
975	Laramie Regional Airport	\$20,032	0.000064819	\$19,028	0.000065127
559	Laramie Rivers Conservation District	\$41,241	0.000133449	\$40,113	0.000137295
42	Lincoln County	\$688,380	0.002227485	\$655,344	0.002243047
43	Lincoln County Fair	\$18,787	0.000060791	\$17,725	0.000060667
212	Lincoln County Library	\$116,378	0.000376580	\$117,899	0.000403533
941	Lincoln County Weed & Pest	\$48,592	0.000157235	\$44,988	0.000153981
434	Lincoln CSD #1	\$881,721	0.002853106	\$828,590	0.002836017
433	Lincoln CSD #2	\$3,965,495	0.012831690	\$3,792,371	0.012980157
563	Little Snake River Conservation District	\$43,905	0.000142068	\$42,152	0.000144274
999	Local Government Liability Pool	\$80,864	0.000261661	\$78,391	0.000268309
533	Magic City Enterprises	\$24,157	0.000078168	\$24,397	0.000083504
564	Meeteetse Conservation District	\$16,333	0.000052851	\$15,282	0.000052306
283	Meeteetse Recreation District	\$8,387	0.000027139	\$8,789	0.000030082
7	Mountain View Cemetery District	\$15,765	0.000051012	\$12,770	0.000043708
44	Natrona County	\$1,424,021	0.004607898	\$1,321,711	0.004523823
17	Natrona County Conservation District	\$10,250	0.000033168	\$9,263	0.000031704
45	Natrona County Fair	\$63,545	0.000205621	\$63,511	0.000217379
46	Natrona County Health Department	\$328,855	0.001064122	\$292,803	0.001002177
213	Natrona County Library	\$239,748	0.000775786	\$224,022	0.000766761
947	Natrona County Weed & Pest Control Dist.	\$65,100	0.000210653	\$66,540	0.000227747
437	Natrona CSD #1	\$18,483,090	0.059808246	\$17,783,819	0.060868717
156	Niobrara County Hospital District	\$531,517	0.001719901	\$574,655	0.001966873
943	Niobrara County Weed & Pest	\$18,057	0.000058428	\$16,582	0.000056755
447	Niobrara CSD #1	\$967,567	0.003130889	\$963,012	0.003296103

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:					
		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
567	North Platte Valley, South Goshen & Lingle/ Ft. Laramie Conservation District	\$14,258	0.000046137	\$14,480	0.000049561
980	Northeast Wyoming BOCES	\$480,743	0.001555604	\$434,964	0.001488752
909	Northern Wyoming Community College	\$2,161,887	0.006995511	\$2,035,000	0.006965199
153142	Northern Wyoming Mental Health Center	\$386,424	0.001250403	\$153,333	0.000524813
910	Northwest College	\$993,593	0.003215104	\$930,669	0.003185403
927	Northwest Rural Water District	\$72,664	0.000235128	\$61,032	0.000208894
985	Northwest Wyoming BOCES	\$232,770	0.000753207	\$229,341	0.000784966
964	Oyster Ridge BOCES	\$22,927	0.000074187	\$20,934	0.000071651
50	Park County	\$1,013,564	0.003279727	\$945,399	0.003235819
84	Park County Drug Court	\$12,697	0.000041086	\$12,087	0.000041370
136	Park County Fire Protection District #1	\$12,375	0.000040044	\$12,009	0.000041103
137	Park County Fire Protection District #2	\$40,230	0.000130177	\$40,136	0.000137374
215	Park County Library	\$157,190	0.000508640	\$148,171	0.000507145
967	Park County Museum Board	\$17,270	0.000055882	\$17,915	0.000061318
944	Park County Weed & Pest	\$62,327	0.000201679	\$59,357	0.000203161
448	Park CSD #1	\$2,766,389	0.008951580	\$2,622,920	0.008977474
450	Park CSD #6	\$3,324,779	0.010758438	\$3,086,467	0.010564058
453	Park CSD #16	\$287,930	0.000931695	\$273,240	0.000935219
549	Pinedale Aquatic Center	\$117,004	0.000378606	\$117,534	0.000402284
52	Platte County	\$301,458	0.000975470	\$287,355	0.000983531
53	Platte County Fair Board	\$4,954	0.000016029	\$6,782	0.000023213
263	Platte County Housing Authority	\$7,676	0.000024839	\$5,452	0.000018661
216	Platte County Library	\$18,262	0.000059094	\$15,501	0.000053055
75	Platte County Resource District	\$22,639	0.000073257	\$21,920	0.000075026
945	Platte County Weed & Pest	\$17,817	0.000057652	\$22,668	0.000077586
459	Platte CSD #1	\$1,775,865	0.005746406	\$1,751,693	0.005995524
462	Platte CSD #2	\$547,026	0.001770085	\$520,894	0.001782865
421	PODER Academy	\$189,502	0.000613197	\$190,008	0.000650341
144333	PODER Academy Secondary School	\$101,157	0.000327329	\$51,743	0.000177101
573	Popo Agie Conservation District	\$27,164	0.000087898	\$34,363	0.000117614
284	Powell Recreation District	\$26,461	0.000085623	\$25,291	0.000086564
988	Region V BOCES	\$862,668	0.002791452	\$809,497	0.002770667
293	Rendezvous Pointe	\$68,626	0.000222062	\$66,807	0.000228660
536	Renew	\$272,877	0.000882987	\$281,681	0.000964110
8	Riverside Cemetery District	\$41,982	0.000135847	\$35,736	0.000122314
979	Rock Springs/Sweetwater County Airport Board	\$120,073	0.000388537	\$115,558	0.000395521
540	SAFV Task Force, Inc. Uinta County	\$24,626	0.000079687	\$21,570	0.000073828
584	Saratoga-Encampment-Rawlins Conservation District	\$38,600	0.000124904	\$29,873	0.000102246
541	Self Help Center	\$67,705	0.000219082	\$58,551	0.000200403

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
267	Senior Citizens Council	\$353,605	0.001144209	\$342,823	0.001173381
54	Sheridan County	\$841,973	0.002724485	\$764,825	0.002617768
585	Sheridan County Conservation District	\$14,770	0.000047794	\$13,443	0.000046011
55	Sheridan County Fair Association	\$32,933	0.000106565	\$29,992	0.000102654
217	Sheridan County Library	\$124,696	0.000403494	\$113,481	0.000388412
953	Sheridan County Weed & Pest	\$29,054	0.000094013	\$28,174	0.000096431
463	Sheridan CSD #1	\$1,359,631	0.004399543	\$1,253,986	0.004292021
466	Sheridan CSD #2	\$5,202,470	0.016834340	\$4,721,387	0.016159902
473	Sheridan CSD #3	\$272,945	0.000883204	\$254,513	0.000871122
77	Sheridan Juvenile Justice Commission Joint Powers Board	\$54,826	0.000177406	\$51,442	0.000176071
285	Sheridan Recreation District	\$38,592	0.000124879	\$34,607	0.000118449
181	Shoshone Irrigation District	\$99,683	0.000322557	\$88,567	0.000303138
977	Shoshone Municipal Pipeline	\$104,887	0.000339396	\$99,186	0.000339484
532	Snowy Range Academy	\$238,833	0.000772824	\$217,341	0.000743894
530	Solutions For Life	\$159,728	0.000516853	\$158,698	0.000543176
556	South Big Horn Conservation District	\$6,189	0.000020028	\$5,711	0.000019547
288	South Big Horn Senior Citizens, Inc.	\$42,892	0.000138793	\$39,234	0.000134286
921	South Cheyenne Water & Sewer	\$70,213	0.000227198	\$64,803	0.000221801
14	South Lincoln Special Cemetery District	\$29,940	0.000096881	\$30,012	0.000102722
987	Southwest Counseling Service	\$1,074,691	0.003477523	\$923,987	0.003162532
576	Star Valley Conservation District	\$3,649	0.000011807	\$4,200	0.000014375
294	Star Valley Senior Citizen, Inc.	\$10,105	0.000032698	\$8,323	0.000028487
	State of Wyoming	\$72,668,012	0.235141761	\$69,796,666	0.238893205
929	Sublette BOCES	\$72,630	0.000235017	\$62,027	0.000212300
56	Sublette County	\$1,113,121	0.003601876	\$1,053,226	0.003604879
557	Sublette County Conservation District	\$63,614	0.000205846	\$61,663	0.000211054
218	Sublette County Library	\$89,894	0.000290881	\$84,664	0.000289780
57	Sublette County Rural Health Care	\$761,548	0.002464244	\$708,411	0.002424680
534	Sublette County SAFV Task Force	\$25,569	0.000082737	\$22,330	0.000076429
949	Sublette County Weed & Pest	\$49,574	0.000160414	\$38,777	0.000132722
483	Sublette CSD #1	\$1,705,190	0.005517715	\$1,639,550	0.005611691
485	Sublette CSD #9	\$919,771	0.002976230	\$913,673	0.003127231
290	SW Sublette County Pioneers	\$26,058	0.000084319	\$26,295	0.000090000
970	Sweetwater BOCES	\$28,544	0.000092362	\$26,524	0.000090784
58	Sweetwater County	\$1,766,460	0.005715973	\$1,650,616	0.005649567
82	Sweetwater County Combined Communications Joint Powers Board	\$39,072	0.000126431	\$23,963	0.000082018
578	Sweetwater County Conservation District	\$7,245	0.000023444	\$6,691	0.000022901
90	Sweetwater County District Board of Health	\$180,183	0.000583042	\$152,750	0.000522818
59	Sweetwater County Fair Board	\$211,591	0.000684673	\$175,695	0.000601352

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Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
129	Sweetwater County Fire District #1	\$67,337	0.000217892	\$63,036	0.000215753
219	Sweetwater County Library	\$268,178	0.000867780	\$257,790	0.000882338
984	Sweetwater County Museum	\$29,651	0.000095944	\$25,524	0.000087361
276	Sweetwater County Recreation	\$10,370	0.000033556	\$20,116	0.000068851
925	Sweetwater County Solid Waste	\$103,040	0.000333421	\$100,622	0.000344399
915	Sweetwater County Solid Waste District 2	\$54,145	0.000175204	\$55,863	0.000191202
976	Sweetwater County Transit Authority	\$40,716	0.000131751	\$28,625	0.000097975
948	Sweetwater County Weed & Pest	\$35,887	0.000116126	\$34,266	0.000117282
488	Sweetwater CSD #1	\$7,261,016	0.023495457	\$6,916,169	0.023671987
487	Sweetwater CSD #2	\$3,882,826	0.012564187	\$3,726,837	0.012755853
289	Ten Sleep Senior Center	\$19,836	0.000064185	\$19,094	0.000065353
61	Teton Conservation District	\$70,365	0.000227690	\$62,938	0.000215418
60	Teton County	\$1,871,452	0.006055712	\$1,759,621	0.006022659
221	Teton County Library	\$277,387	0.000897578	\$276,914	0.000947794
494	Teton County School District No. 1	\$5,545,071	0.017942940	\$5,063,510	0.017330887
954	Teton County Weed & Pest	\$92,935	0.000300723	\$82,400	0.000282031
587	Teton Village Association	\$76,335	0.000247007	\$62,548	0.000214083
912	Teton Village Water and Sewer District	\$130,197	0.000421295	\$117,485	0.000402116
296	Thayne Senior Center	\$27,123	0.000087765	\$26,334	0.000090133
800	Town of Afton	\$84,676	0.000273997	\$78,736	0.000269490
796	Town of Alpine	\$55,462	0.000179465	\$47,945	0.000164101
802	Town of Baggs	\$28,450	0.000092061	\$26,641	0.000091184
799	Town of Bairoil	\$11,249	0.000036400	\$12,750	0.000043639
798	Town of Bar Nunn	\$45,090	0.000145903	\$38,360	0.000131295
803	Town of Basin	\$88,719	0.000287080	\$79,094	0.000270715
797	Town of Bear River	\$27,344	0.000088480	\$26,468	0.000090592
804	Town of Big Piney	\$48,907	0.000158254	\$48,375	0.000165573
806	Town of Burns	\$18,443	0.000059679	\$19,082	0.000065312
807	Town of Byron	\$13,637	0.000044128	\$22,925	0.000078465
811	Town of Chugwater	\$7,598	0.000024586	\$6,764	0.000023151
814	Town of Cokeville	\$23,740	0.000076820	\$21,052	0.000072055
815	Town of Cowley	\$29,896	0.000096738	\$28,632	0.000097999
817	Town of Deaver	\$17,103	0.000055341	\$16,415	0.000056184
818	Town of Diamondville	\$34,707	0.000112308	\$35,879	0.000122803
819	Town of Dixon	\$3,415	0.000011052	\$3,187	0.000010908
821	Town of Dubois	\$45,297	0.000146573	\$43,312	0.000148244
822	Town of East Thermopolis	\$12,067	0.000039047	\$11,282	0.000038615
823	Town of Edgerton	\$11,135	0.000036030	\$9,386	0.000032125
824	Town of Elk Mountain	\$10,027	0.000032447	\$13,245	0.000045334
826	Town of Encampment	\$27,731	0.000089732	\$25,960	0.000088853

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Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
828	Town of Evansville	\$117,299	0.000379561	\$108,864	0.000372609
829	Town of Fort Laramie	\$14,405	0.000046613	\$16,834	0.000057618
830	Town of Frannie	\$12,765	0.000041306	\$11,897	0.000040720
832	Town of Glendo	\$14,153	0.000045796	\$11,226	0.000038423
833	Town of Glenrock	\$140,186	0.000453619	\$110,800	0.000379235
834	Town of Granger	\$12,242	0.000039613	\$22,338	0.000076456
836	Town of Greybull	\$98,648	0.000319208	\$83,351	0.000285286
837	Town of Guernsey	\$93,878	0.000303774	\$85,208	0.000291642
838	Town of Hanna	\$56,549	0.000182983	\$51,861	0.000177505
840	Town of Hudson	\$13,404	0.000043373	\$12,836	0.000043934
841	Town of Hulett	\$23,871	0.000077243	\$22,657	0.000077548
842	Town of Jackson	\$936,164	0.003029272	\$863,271	0.002954720
843	Town of Kaycee	\$18,072	0.000058478	\$16,994	0.000058165
846	Town of LaGrange	\$14,561	0.000047117	\$13,125	0.000044923
849	Town of Lingle	\$44,971	0.000145517	\$42,544	0.000145615
851	Town of Lovell	\$74,743	0.000241856	\$70,036	0.000239712
852	Town of Lusk	\$128,262	0.000415036	\$121,469	0.000415752
853	Town of Lyman	\$70,805	0.000229114	\$57,776	0.000197750
855	Town of Marbleton	\$69,940	0.000226315	\$65,873	0.000225464
856	Town of Medicine Bow	\$23,807	0.000077034	\$21,523	0.000073667
857	Town of Meeteetse	\$32,161	0.000104066	\$31,006	0.000106124
892	Town of Midwest	\$12,367	0.000040016	\$11,602	0.000039710
858	Town of Mills	\$217,618	0.000704176	\$193,832	0.000663429
861	Town of Moorcroft	\$63,455	0.000205329	\$60,386	0.000206683
859	Town of Mountain View	\$62,745	0.000203032	\$56,973	0.000195002
863	Town of Pine Bluffs	\$74,538	0.000241193	\$78,730	0.000269469
866	Town of Pine Haven	\$31,780	0.000102836	\$30,505	0.000104410
864	Town of Pinedale	\$152,370	0.000493045	\$138,629	0.000474486
896	Town of Ranchester	\$73,388	0.000237472	\$68,468	0.000234346
871	Town of Rock River	\$25,355	0.000082044	\$22,979	0.000078650
894	Town of Rolling Hills	\$33,263	0.000107632	\$32,176	0.000110129
873	Town of Saratoga	\$97,095	0.000314183	\$97,337	0.000333156
875	Town of Shoshoni	\$33,170	0.000107332	\$32,087	0.000109824
876	Town of Sinclair	\$42,371	0.000137106	\$36,302	0.000124251
877	Town of Star Valley Ranch	\$82,184	0.000265933	\$76,389	0.000261457
879	Town of Ten Sleep	\$16,854	0.000054538	\$16,494	0.000056454
880	Town of Thayne	\$14,105	0.000045643	\$11,326	0.000038766
881	Town of Thermopolis	\$147,077	0.000475918	\$137,475	0.000470536
883	Town of Upton	\$48,007	0.000155343	\$49,028	0.000167808
885	Town of Wamsutter	\$41,014	0.000132713	\$38,410	0.000131466

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886	Town of Wheatland	\$253,947	0.000821730	\$244,246	0.000835981
888	Town of Yoder	\$7,290	0.000023588	\$10,403	0.000035606
85	Treatment Court of Sweetwater County	\$8,823	0.000028551	\$9,953	0.000034066
972	Uinta BOCES #1	\$98,425	0.000318488	\$94,077	0.000321998
62	Uinta County	\$685,032	0.002216652	\$635,002	0.002173423
934	Uinta County BOCES #4,#6	\$15,310	0.000049539	\$14,762	0.000050526
581	Uinta County Conservation District	\$23,317	0.000075451	\$21,834	0.000074731
222	Uinta County Library	\$39,628	0.000128230	\$37,296	0.000127653
951	Uinta County Weed & Pest	\$16,604	0.000053728	\$15,534	0.000053168
499	Uinta CSD #1	\$4,165,692	0.013479496	\$3,979,885	0.013621961
500	Uinta CSD #4	\$1,272,677	0.004118173	\$1,205,786	0.004127046
502	Uinta CSD #6	\$1,219,136	0.003944924	\$1,140,235	0.003902685
900	University of Wyoming	\$10,783,419	0.034893373	\$9,778,753	0.033469760
924	Wardwell Water & Sewer District	\$46,032	0.000148953	\$43,291	0.000148172
64	Washakie County	\$265,399	0.000858787	\$243,417	0.000833144
588	Washakie County Conservation District	\$13,118	0.000042447	\$11,830	0.000040491
223	Washakie County Library	\$10,431	0.000033752	\$11,246	0.000038492
922	Washakie County Solid Waste Dist. #1	\$49,483	0.000160117	\$40,908	0.000140016
950	Washakie County Weed & Pest	\$17,952	0.000058091	\$17,773	0.000060832
503	Washakie CSD #1	\$2,058,094	0.006659654	\$1,967,435	0.006733944
504	Washakie CSD #2	\$273,431	0.000884777	\$263,810	0.000902943
914	Western Wyoming Community College	\$1,465,895	0.004743397	\$1,370,088	0.004689403
955	Western/Sublette County # 9 BOCES	\$3,483	0.000011271	\$3,252	0.000011131
66	Weston County	\$284,158	0.000919490	\$242,421	0.000829735
543	Weston County Children's Center	\$149,562	0.000483959	\$144,889	0.000495912
71	Weston County Fairgrounds	\$7,295	0.000023607	\$5,778	0.000019776
126	Weston County Fire Protection District	\$23,869	0.000077235	\$24,668	0.000084431
224	Weston County Library	\$25,057	0.000081080	\$22,910	0.000078414
986	Weston County Museum District	\$14,384	0.000046544	\$10,450	0.000035767
74	Weston County Natural Resource District	\$8,282	0.000026799	\$7,622	0.000026088
956	Weston County Weed & Pest	\$26,136	0.000084571	\$24,906	0.000085246
505	Weston CSD #1	\$1,363,640	0.004412516	\$1,313,391	0.004495346
506	Weston CSD #7	\$483,098	0.001563227	\$468,263	0.001602725
159	Wheatland Irrigation District	\$75,572	0.000244539	\$68,519	0.000234520
958	White Mountain Water & Sewer District	\$55,740	0.000180365	\$52,620	0.000180103
186	Willwood Irrigation District	\$21,747	0.000070371	\$19,131	0.000065480
133	Wind River Transportation Authority	\$93,252	0.000301748	\$78,348	0.000268162
139	Worland Fire Protection District #1	\$11,996	0.000038818	\$9,264	0.000031708
295	Worland Senior Center	\$45,409	0.000146935	\$40,961	0.000140197
545	Wyoming Association of Risk Management	\$55,035	0.000178085	\$47,746	0.000163420

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan:

		2019		2018	
Total Contributions		\$309,039,160		\$292,166,811	
Net Pension Liability		\$2,349,926,281		\$3,045,290,883	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
542	Wyoming Child & Family Development Inc.	\$892,150	0.002886852	\$807,626	0.002764263
538	Wyoming Coalition Against Domestic Violence	\$190,171	0.000615363	\$165,070	0.000564985
991	Wyoming Community Development Authority	\$504,906	0.001633793	\$468,839	0.001604696
70	Wyoming County Commissioners Association	\$48,642	0.000157397	\$48,655	0.000166532
981	Wyoming Education Association	\$165,439	0.000535335	\$176,873	0.000605384
982	Wyoming High School Activities	\$55,791	0.000180531	\$52,644	0.000180185
780	Wyoming Lottery	\$129,677	0.000419613	\$119,477	0.000408934
3875	Wyoming Miners' Hospital Board	\$-	0.000000000	\$22,704	0.000077709
773	Wyoming Pipeline Authority	\$35,939	0.000116293	\$36,151	0.000123734
989	Wyoming Public Employees Association	\$17,036	0.000055126	\$15,961	0.000054630
996	Wyoming School Boards	\$78,799	0.000254981	\$70,661	0.000241852
287	Wyoming Senior Citizens Inc.	\$153,139	0.000495532	\$135,944	0.000465296
546	Wyoming State Bar	\$86,203	0.000278937	\$81,630	0.000279395
978	Yellowstone Regional Airport	\$89,438	0.000289405	\$84,525	0.000289304
*	Adjustment	\$231,398	0.000748766	\$124,035	0.000424535
Total:		\$309,039,160	100%	\$292,166,811	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan: Separated by State of Wyoming Agencies

		2019		2018	
Total Contributions		\$72,668,012		\$69,796,666	
Net Pension Liability		\$552,565,804		\$727,499,299	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
743	At Will Employment Contract (AWEC) Participants	\$32,724	0.000450327	\$47,902	0.000686308
606	Attorney General's Office	\$2,157,601	0.029691201	\$2,083,496	0.029850939
620	Board of Cosmetology	\$35,527	0.000488899	\$34,240	0.000490568
600	Board of CPA's	\$23,477	0.000323069	\$22,130	0.000317064
723	Board of Equalization	\$101,841	0.001401449	\$106,311	0.001523153
666	Board of Livestock	\$514,439	0.007079300	\$489,962	0.007019848
667	Board of Medicine	\$63,406	0.000872545	\$62,847	0.000900430
673	Board of Nursing	\$92,043	0.001266626	\$94,397	0.001352457
729	Board of Occupational Therapy	\$-	0.000000000	\$2,795	0.000040045
703	Board of Outfitters	\$20,054	0.000275970	\$19,142	0.000274254
751	Board of Parole	\$60,398	0.000831146	\$53,406	0.000765165
679	Board of Pharmacy	\$65,002	0.000894510	\$73,850	0.001058073
726	Board of Professional Geologists	\$18,659	0.000256765	\$15,760	0.000225799
715	Board of Professional Teaching Standards	\$69,680	0.000958880	\$59,376	0.000850700
722	Board of Travel and Tourism	\$237,224	0.003264493	\$219,572	0.003145881
604	Business Council	\$455,552	0.006268952	\$446,163	0.006392325
755	Commission on Judicial Conduct and Ethics	\$13,935	0.000191763	\$13,248	0.000189808
705	Community College Commission	\$163,140	0.002245002	\$178,236	0.002553646
611	Department of Administration & Information	\$1,669,442	0.022973542	\$1,659,321	0.023773643
603	Department of Agriculture	\$754,950	0.010389028	\$757,111	0.010847381
630	Department of Audit	\$1,086,582	0.014952691	\$1,036,774	0.014854205
612	Department of Corrections	\$3,378,753	0.046495734	\$3,159,529	0.045267621
622	Department of Education	\$1,241,736	0.017087792	\$1,221,238	0.017497082
754	Department of Enterprise Technology Services	\$2,511,887	0.034566612	\$2,484,545	0.035596901
636	Department of Environmental Quality	\$2,880,935	0.039645154	\$2,785,680	0.039911362
613	Department of Family Services	\$5,530,323	0.076103952	\$5,210,726	0.074655801
632	Department of Fire Prevention and Electrical Safety	\$302,713	0.004165697	\$304,780	0.004366684
633	Department of Game & Fish	\$3,325,081	0.045757152	\$3,201,953	0.045875443
637	Department of Health	\$10,086,140	0.138797524	\$9,703,524	0.139025609
645	Department of Insurance	\$254,114	0.003496916	\$247,762	0.003549768
684	Department of Revenue	\$1,068,201	0.014699743	\$1,002,708	0.014366130
638	Department of Transportation	\$15,622,489	0.214984399	\$14,865,080	0.212976935
724	Department of Workforce Services	\$4,886,543	0.067244754	\$4,729,352	0.067758996
712	District Attorney District #1	\$223,764	0.003079259	\$229,841	0.003293008
713	District Attorney District #7	\$205,607	0.002829399	\$226,106	0.003239496
686	Environmental Quality Council	\$27,110	0.000373068	\$25,789	0.000369488
610	Governor's Mansion	\$19,605	0.000269791	\$17,358	0.000248694
631	Governor's Office	\$427,412	0.005881706	\$472,336	0.006767315

Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan: Separated by State of Wyoming Agencies

		2019		2018	
Total Contributions		\$72,668,012		\$69,796,666	
Net Pension Liability		\$552,565,804		\$727,499,299	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
646	Judicial District 1A	\$32,423	0.000446183	\$40,405	0.000578896
653	Judicial District 1B	\$35,661	0.000490744	\$26,813	0.000384159
694	Judicial District 1C	\$42,330	0.000582513	\$40,024	0.000573437
3876	Judicial District 1D	\$23,646	0.000325400	\$-	0.000000000
647	Judicial District 2A	\$31,803	0.000437649	\$31,572	0.000452343
655	Judicial District 2B	\$30,338	0.000417483	\$28,207	0.000404131
648	Judicial District 3	\$35,062	0.000482495	\$33,557	0.000480782
668	Judicial District 3B	\$34,573	0.000475765	\$33,075	0.000473877
714	Judicial District 3C	\$29,975	0.000412489	\$28,748	0.000411882
649	Judicial District 4A	\$34,126	0.000469610	\$32,649	0.000467773
718	Judicial District 4B	\$33,648	0.000463031	\$31,463	0.000450781
650	Judicial District 5A	\$28,056	0.000386089	\$20,937	0.000299971
656	Judicial District 5B	\$29,266	0.000402741	\$30,525	0.000437342
651	Judicial District 6	\$28,734	0.000395415	\$28,540	0.000408902
688	Judicial District 6B	\$37,508	0.000516160	\$36,132	0.000517675
717	Judicial District 6C	\$36,785	0.000506199	\$35,206	0.000504408
652	Judicial District 7A	\$31,500	0.000433480	\$29,137	0.000417455
654	Judicial District 7B	\$39,361	0.000541657	\$34,923	0.000500353
716	Judicial District 7C	\$33,821	0.000465419	\$32,087	0.000459721
697	Judicial District 8A	\$31,632	0.000435298	\$30,364	0.000435035
689	Judicial District 8B	\$32,704	0.000450044	\$31,455	0.000450666
663	Judicial District 9A	\$40,491	0.000557202	\$37,388	0.000535670
698	Judicial District 9B	\$35,350	0.000486462	\$33,641	0.000481986
699	Judicial District 9C	\$26,824	0.000369137	\$23,773	0.000340604
662	Legislative Service Office	\$581,143	0.007997226	\$508,852	0.007290491
601	Military Department	\$1,572,132	0.021634439	\$1,479,485	0.021197073
3875	Miners' Hospital Board	\$23,488	0.000323223	\$-	0.000000000
700	Office of Administrative Hearings	\$133,082	0.001831372	\$142,605	0.002043149
659	Office of State Lands & Investments	\$961,982	0.013238045	\$947,840	0.013580018
671	Oil and Gas Conservation Commission	\$385,692	0.005307585	\$364,113	0.005216768
677	Pari-Mutuel Commission	\$48,788	0.000671384	\$46,276	0.000663012
609	Public Defenders	\$1,117,205	0.015374095	\$1,054,392	0.015106624
628	Public Service Commission	\$466,138	0.006414626	\$448,498	0.006425780
710	Real Estate Commission	\$63,650	0.000875908	\$55,819	0.000799737
683	Retirement System	\$544,654	0.007495104	\$514,937	0.007377673
685	Secretary of State	\$310,831	0.004277410	\$310,121	0.004443206
607	State Auditor	\$300,626	0.004136981	\$285,464	0.004089937
727	State Construction Department	\$381,668	0.005252218	\$359,802	0.005155003
626	State Engineer's Office	\$1,159,684	0.015958659	\$1,166,478	0.016712517
634	State Geological Survey	\$235,766	0.003244428	\$226,506	0.003245227

Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Years Ended December 31, 2019 and 2018

Public Employees Pension Plan: Separated by State of Wyoming Agencies

		2019		2018	
Total Contributions		\$72,668,012		\$69,796,666	
Net Pension Liability		\$552,565,804		\$727,499,299	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
702	State Parks & Cultural Resources	\$1,426,894	0.019635790	\$1,414,915	0.020271957
692	State Treasurer	\$458,805	0.006313708	\$381,025	0.005459072
660	Supreme Court	\$1,729,672	0.023802381	\$1,656,429	0.023732208
619	Water Development Commission	\$308,921	0.004251130	\$306,214	0.004387230
657	Wildlife & Natural Resources Trust Board	\$33,486	0.000460814	\$31,928	0.000457443
Total:		\$72,668,012	100%	\$69,796,666	100%

See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Public Employee Pension Plan

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$-	\$82,823,724	\$-	\$82,823,724

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$46,339,632	\$-	\$350,632,945	\$396,972,577	\$309,157,003	\$2,349,926,281

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Public Employee Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$194,455,298	\$195,575,014	\$201,824,345
Interest on the Total Pension Liability	676,902,286	658,459,157	641,429,003
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(7,044,256)	(49,213,548)	(56,701,091)
Assumption Changes	-	-	290,801,601
Benefit Payments	(579,179,480)	(547,913,244)	(516,837,260)
Refunds	(21,308,205)	(18,114,423)	(18,654,997)
Net Change in Total Pension Liability	\$263,825,643	\$238,792,956	\$541,861,601
Total Pension Liability - Beginning	\$9,876,659,480	\$9,637,866,524	\$9,096,004,923
Total Pension Liability - Ending (a)	\$10,140,485,123	\$9,876,659,480	\$9,637,866,524
Plan Fiduciary Net Position			
Employer Contributions	\$157,385,096	\$147,632,510	\$148,746,669
Employee Contributions	157,610,787	151,130,515	149,752,251
Pension Plan Net Investment Income	1,251,518,669	(252,571,153)	923,878,089
Benefit Payments	(579,179,480)	(547,913,244)	(516,837,260)
Refunds	(21,308,205)	(18,114,423)	(18,654,997)
Pension Plan Administrative Expense	(6,527,091)	(7,033,951)	(6,551,109)
Other	(309,531)	(287,669)	(312,336)
Net Change in Plan Fiduciary Net Position	\$959,190,245	\$(527,157,415)	\$680,021,307
Plan Fiduciary Net Position - Beginning	\$6,831,368,597	\$7,358,526,012	\$6,678,504,705
Plan Fiduciary Net Position - Ending (b)	\$7,790,558,842	\$6,831,368,597	\$7,358,526,012
Net Pension Liability - Ending (a) - (b)	\$2,349,926,281	\$3,045,290,883	\$2,279,340,512
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	76.83%	69.17%	76.35%
Covered Payroll	\$1,738,212,750	\$1,741,354,609	\$1,776,377,586
Projected Valuation Payroll	\$1,781,668,069	\$1,784,888,475	\$1,820,787,026
Net Pension Liability as a Percentage of Covered Payroll	135.19%	174.88%	128.31%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Public Employee Pension Plan (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$219,893,113	\$217,488,957	\$213,059,299
Interest on the Total Pension Liability	664,368,366	638,943,600	614,848,444
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(43,790,701)	(66,191,620)	-
Assumption Changes	-	-	-
Benefit Payments	(483,482,106)	(450,589,769)	(418,274,815)
Refunds	(18,127,974)	(19,365,045)	(17,821,799)
Net Change in Total Pension Liability	\$338,860,698	\$320,286,123	\$391,811,129
Total Pension Liability - Beginning	\$8,757,144,225	\$8,436,858,102	\$8,045,046,973
Total Pension Liability - Ending (a)	\$9,096,004,923	\$8,757,144,225	\$8,436,858,102
Plan Fiduciary Net Position			
Employer Contributions	\$151,488,715	\$144,622,373	\$127,929,930
Employee Contributions	152,422,538	153,529,134	137,144,565
Pension Plan Net Investment Income	454,712,993	(67,155,642)	318,184,952
Benefit Payments	(483,482,106)	(450,589,769)	(418,274,815)
Refunds	(18,127,974)	(19,365,045)	(17,821,799)
Pension Plan Administrative Expense	(5,993,529)	(5,097,818)	(5,182,863)
Other	(312,336)	(312,704)	5,539,339
Net Change in Plan Fiduciary Net Position	\$250,708,301	\$(244,369,471)	\$147,519,309
Plan Fiduciary Net Position - Beginning	\$6,427,796,404	\$6,672,165,875	\$6,524,646,566
Plan Fiduciary Net Position - Ending (b)	\$6,678,504,705	\$6,427,796,404	\$6,672,165,875
Net Pension Liability - Ending (a) - (b)	\$2,417,500,218	\$2,329,347,821	\$1,764,692,227
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	73.42%	73.40%	79.08%
Covered Payroll	\$1,782,905,215	\$1,744,073,882	\$1,709,412,443
Projected Valuation Payroll	\$1,858,678,687	\$1,818,197,022	\$1,782,062,471
Net Pension Liability as a Percentage of Covered Payroll	135.59%	133.56%	103.23%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Public Employee Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$194,455,298
2. Interest on the Total Pension Liability	676,902,286
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(157,610,787)
5. Projected Earnings on Plan Investments (made negative for addition here)	(468,137,353)
6. Pension Plan Administrative	6,527,091
7. Other Changes in Plan Fiduciary Net Position	309,531
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	32,143,247
9. Recognition of Outflow (Inflow) of Resources due to Assets	24,567,690
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 *	-
11. Total Pension Expense	\$309,157,003

* In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Public Employee Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$(7,044,256)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	3.9563
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	(1,780,516)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	-
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(1,780,516)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	(5,263,740)
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	(5,263,740)
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(783,381,316)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(156,676,263)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(626,705,053)

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Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Public Employee Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	4.0139	3.9136	3.8583	4.1947	4.0527	3.9563		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$(66,191,620)	\$(43,790,701)	\$(56,701,091)	\$(49,213,548)	\$(7,044,256)		
2014	-	-	-	-	-	-	-	
2015	-	(16,913,231)	-	-	-	-	(16,913,231)	
2016	-	(16,913,231)	(11,349,740)	-	-	-	(28,262,971)	
2017	-	(16,913,231)	(11,349,740)	(13,517,317)	-	-	(41,780,288)	
2018	-	(15,451,927)	(11,349,740)	(13,517,317)	(12,143,398)	-	(52,462,382)	
2019	-	-	(9,741,481)	(13,517,317)	(12,143,398)	(1,780,516)	(37,182,712)	(\$46,339,632)
2020	-	-	-	(13,517,317)	(12,143,398)	(1,780,516)	(27,441,231)	
2021	-	-	-	(2,631,823)	(12,143,398)	(1,780,516)	(16,555,737)	
2022	-	-	-	-	(639,956)	(1,702,708)	(2,342,664)	
2023	-	-	-	-	-	-	-	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$(66,191,620)	\$(43,790,701)	\$(56,701,091)	\$(49,213,548)	\$(7,044,256)	\$(222,941,216)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	4.0139	3.9136	3.8583	4.1947	4.0527	3.9563		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$-	\$-	\$290,801,601	\$-	\$-		
2014	-	-	-	-	-	-	-	
2015	-	-	-	-	-	-	-	
2016	-	-	-	-	-	-	-	
2017	-	-	-	69,325,959	-	-	69,325,959	
2018	-	-	-	69,325,959	-	-	69,325,959	
2019	-	-	-	69,325,959	-	-	69,325,959	\$82,823,724
2020	-	-	-	69,325,959	-	-	69,325,959	
2021	-	-	-	13,497,765	-	-	13,497,765	
2022	-	-	-	-	-	-	-	
2023	-	-	-	-	-	-	-	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$-	\$-	\$290,801,601	\$-	\$-	\$290,801,601	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Public Employee Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$180,861,863	\$577,381,461	\$35,536,046	\$(464,917,747)	\$758,219,998	\$(783,381,316)		
2014	36,172,373	-	-	-	-	-	36,172,373	
2015	36,172,373	115,476,292	-	-	-	-	151,648,665	
2016	36,172,373	115,476,292	7,107,209	-	-	-	158,755,874	
2017	36,172,373	115,476,292	7,107,209	(92,983,549)	-	-	65,772,325	
2018	36,172,371	115,476,292	7,107,209	(92,983,549)	151,644,000	-	217,416,323	
2019	-	115,476,293	7,107,209	(92,983,549)	151,644,000	(156,676,263)	24,567,690	(\$350,632,945)
2020	-	-	7,107,210	(92,983,549)	151,644,000	(156,676,263)	(90,908,602)	
2021	-	-	-	(92,983,551)	151,644,000	(156,676,263)	(98,015,814)	
2022	-	-	-	-	151,643,998	(156,676,263)	(5,032,265)	
2023	-	-	-	-	-	(156,676,264)	(156,676,264)	
2024								
Thereafter	-	-	-	-	-	-	-	
	\$180,861,863	\$577,381,461	\$35,536,046	\$(464,917,747)	\$758,219,998	\$(783,381,316)	\$303,700,305	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$180,861,863	\$511,189,841	\$(8,254,655)	\$(230,817,237)	\$709,006,450	\$(790,425,572)		
2014	36,172,373	-	-	-	-	-	36,172,373	
2015	36,172,373	98,563,061	-	-	-	-	134,735,434	
2016	36,172,373	98,563,061	(4,242,531)	-	-	-	130,492,903	
2017	36,172,373	98,563,061	(4,242,531)	(37,174,907)	-	-	93,317,996	
2018	36,172,371	100,024,365	(4,242,531)	(37,174,907)	139,500,602	-	234,279,900	
2019	-	115,476,293	(2,634,272)	(37,174,907)	139,500,602	(158,456,779)	56,710,937	(\$314,148,853)
2020	-	-	7,107,210	(37,174,907)	139,500,602	(158,456,779)	(49,023,874)	
2021	-	-	-	(82,117,609)	139,500,602	(158,456,779)	(101,073,786)	
2022	-	-	-	-	151,004,042	(158,378,971)	(7,374,929)	
2023	-	-	-	-	-	(156,676,264)	(156,676,264)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$180,861,863	\$511,189,841	\$(8,254,655)	\$(230,817,237)	\$709,006,450	\$(790,425,572)	\$371,560,690	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Public Employee Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	69,325,959	37,182,712	32,143,247
2. Due to Assets	274,227,502	249,659,812	24,567,690
3. Total	\$343,553,461	\$286,842,524	\$56,710,937

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	-	37,182,712	(37,182,712)
2. Assumption Changes	69,325,959	-	69,325,959
3. Net Difference between projected and actual earnings on pension plan investments	274,227,502	249,659,812	24,567,690
4. Total	\$343,553,461	\$286,842,524	\$56,710,937

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses			
	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	-	46,339,632	(46,339,632)
2. Assumption Changes	82,823,724	-	82,823,724
3. Net Difference between projected and actual earnings on pension plan investments	-	350,632,945	(350,632,945)
4. Total	\$82,823,724	\$396,972,577	\$(314,148,853)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses		
	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(49,023,874)
	2021	(101,073,786)
	2022	(7,374,929)
	2023	(156,676,264)
	2024	-
	Thereafter	-
	Total:	\$(314,148,853)

Supplementary Information

Statement of Fiduciary Net Position

Public Employee Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	16,526,868	4,288,513
Domestic liquidity - outside banks	243,597,501	509,797,776
	\$260,124,369	\$514,086,289
Receivables:		
Employee contributions	8,243,908	8,372,198
Employer contributions	8,363,510	8,495,602
Securities sold	28,339,394	50,124,358
Accrued interest and dividends	17,021,310	17,961,224
Currency contract receivable	176,103,231	1,497,075,482
Other	544,855	96,924
	\$238,616,208	\$1,582,125,788
Investments, at fair value:		
Fixed income	1,321,249,829	1,197,054,640
Equities	3,640,214,800	2,894,901,076
Private markets	1,260,474,123	1,047,263,218
Marketable alternatives	1,306,738,410	1,221,247,138
Security lending collateral	351,382,651	431,367,002
	\$7,880,059,813	\$6,791,833,074
Capital assets, at cost, net of accumulated depreciation	2,905,079	3,214,610
Total Assets:	\$8,381,705,469	\$8,891,259,761
Liabilities		
Payables:		
Benefits and refunds payable	619,005	382,503
Securities Purchased	37,925,431	107,338,085
Administrative and consulting fees payable	24,260,614	18,656,054
Currency contract payable	176,958,926	1,502,147,520
Securities lending collateral	351,382,651	431,367,002
Total Liabilities:	\$591,146,627	\$2,059,891,164
Net Position held in trust for pension benefits	\$7,790,558,842	\$6,831,368,597

Supplementary Information

Statement of Changes in Fiduciary Net Position

Public Employee Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	153,582,203	146,255,015
Employer	155,456,957	145,911,796
Other	5,956,723	6,596,214
	\$314,995,883	\$298,763,025
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	1,177,617,048	(327,282,467)
Interest and dividends Employee Contributions	121,126,636	125,205,471
Total investing activity:	\$1,298,743,684	\$(202,076,996)
Investing activity expenses:		
Investment advisor or contractor fees	(48,374,048)	(52,099,148)
Net income/(loss) from investing activities:	\$1,250,369,636	\$(254,176,144)
Securities lending activities:		
Securities lending gross income	11,952,293	11,256,456
Securities lending expenses:		
Broker rebates	(10,600,873)	(9,368,690)
Agent fees	(202,387)	(282,775)
Total securities lending expenses:	\$(10,803,260)	\$(9,651,465)
Net income from securities lending activities:	\$1,149,033	\$1,604,991
Total investment income/(loss)	\$1,251,518,669	\$(252,571,153)
Total Additions (deletions):	\$1,566,514,552	\$46,191,872
Deductions		
Benefits paid / Distributions	579,179,480	547,913,244
Refunds	21,308,205	18,114,423
Administrative expenses	6,517,921	7,010,561
Administrative expenses: fund specific	9,170	23,390
Depreciation expense	309,531	287,669
Total Deductions:	\$607,324,307	\$573,349,287
Net increase/(decrease) in Net Position	959,190,245	(527,157,415)
Net position held in trust for pension benefits:		
Beginning of year	6,831,368,597	7,358,526,012
End of year	\$7,790,558,842	\$6,831,368,597



State Patrol, Game & Fish Warden and Criminal Investigator Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

State Patrol, Game & Fish Warden and Criminal Investigator Pension Plan:

		2019		2018	
Total Contributions		\$7,166,320		\$6,907,961	
Net Pension Liability		\$38,553,619		\$67,034,809	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
606	Attorney General	\$971,342	0.135542707	\$1,000,940	0.144896591
633	Game & Fish Commission	\$1,733,294	0.241866612	\$1,752,711	0.253723349
638	Department of Transportation	\$4,460,441	0.622417231	\$4,140,776	0.599420871
*	Adjustment	\$1,243	0.000173450	\$13,534	0.001959189
Total:		\$7,166,320	100%	\$6,907,961	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - State Patrol, Game & Fish & Criminal Investigator Pension Plan

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$1,114,982	\$6,962,551	\$-	\$8,077,533

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$2,624,086	\$20,119,717	\$6,776,760	\$29,520,563	\$2,250,571	\$38,553,619

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$4,614,951	\$5,078,748	\$4,764,423
Interest on the Total Pension Liability	12,833,018	12,084,646	12,129,167
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	1,453,141	(2,017,522)	(4,722,830)
Assumption Changes	(15,224,856)	13,137,489	(22,946,444)
Benefit Payments	(10,843,842)	(10,260,821)	(9,795,108)
Refunds	(288,795)	(351,230)	(509,361)
Net Change in Total Pension Liability	\$(7,456,383)	\$17,671,310	\$(21,080,153)
Total Pension Liability - Beginning	\$200,304,268	\$182,632,958	\$203,713,111
Total Pension Liability - Ending (a)	\$192,847,885	\$200,304,268	\$182,632,958
Plan Fiduciary Net Position			
Employer Contributions	\$3,639,164	\$3,529,976	\$3,552,582
Employee Contributions	4,196,524	3,796,060	3,485,756
Pension Plan Net Investment Income	24,466,565	(4,908,329)	17,623,232
Benefit Payments	(10,843,842)	(10,260,821)	(9,795,108)
Refunds	(288,795)	(351,230)	(509,361)
Pension Plan Administrative Expense	(138,770)	(139,377)	(128,991)
Other	(6,039)	(5,536)	(5,897)
Net Change in Plan Fiduciary Net Position	\$21,024,807	\$(8,339,257)	\$14,222,213
Plan Fiduciary Net Position - Beginning	\$133,269,459	\$141,608,716	\$127,386,503
Plan Fiduciary Net Position - Ending (b)	\$154,294,266	\$133,269,459	\$141,608,716
Net Pension Liability - Ending (a) - (b)	\$38,553,619	\$67,034,809	\$41,024,242
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	80.01%	66.53%	77.54%
Covered Payroll	\$23,118,850	\$23,063,176	\$23,641,495
Projected Valuation Payroll	\$23,696,821	\$23,639,756	\$24,646,258
Net Pension Liability as a Percentage of Covered Payroll	166.76%	290.66%	173.53%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$7,631,559	\$7,511,738	\$5,276,236
Interest on the Total Pension Liability	12,213,078	11,513,094	11,490,234
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	62,315	(1,821,706)	-
Assumption Changes	(5,188,326)	32,535,213	-
Benefit Payments	(9,396,540)	(8,926,088)	(8,364,762)
Refunds	(323,328)	(120,906)	(368,093)
Net Change in Total Pension Liability	\$4,998,758	\$40,691,345	\$8,033,615
Total Pension Liability - Beginning	\$198,714,353	\$158,023,008	\$149,989,393
Total Pension Liability - Ending (a)	\$203,713,111	\$198,714,353	\$158,023,008
Plan Fiduciary Net Position			
Employer Contributions	\$3,574,065	\$3,355,688	\$3,006,277
Employee Contributions	3,678,081	3,524,286	3,150,559
Pension Plan Net Investment Income	8,622,074	(1,199,475)	5,900,708
Benefit Payments	(9,396,540)	(8,926,088)	(8,364,762)
Refunds	(323,328)	(120,906)	(368,093)
Pension Plan Administrative Expense	(114,832)	(95,918)	(96,479)
Other	(5,897)	(5,850)	229,589
Net Change in Plan Fiduciary Net Position	\$6,033,623	\$(3,468,263)	\$3,457,799
Plan Fiduciary Net Position - Beginning	\$121,352,880	\$124,821,143	\$121,363,344
Plan Fiduciary Net Position - Ending (b)	\$127,386,503	\$121,352,880	\$124,821,143
Net Pension Liability - Ending (a) - (b)	\$76,326,608	\$77,361,473	\$33,201,865
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	62.53%	61.07%	78.99%
Covered Payroll	\$23,636,482	\$22,196,930	\$21,817,686
Projected Valuation Payroll	\$24,641,033	\$23,140,300	\$22,744,938
Net Pension Liability as a Percentage of Covered Payroll	322.92%	348.52%	152.18%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$4,614,951
2. Interest on the Total Pension Liability	12,833,018
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(4,196,524)
5. Projected Earnings on Plan Investments (made negative for addition here)	(9,210,438)
6. Pension Plan Administrative	138,770
7. Other Changes in Plan Fiduciary Net Position	6,039
8. Recognition of Outflow (Inflow) of Resources due to Liabilities*	(2,353,088)
9. Recognition of Outflow (Inflow) of Resources due to Assets	417,843
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 **	-
11. Total Pension Expense	\$2,250,571

* Includes change in the blended single discount rate from 6.33% to 7.00%

**In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$1,453,141
2. Assumption Changes (gains) or losses	(15,224,856)
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.1483
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	350,298
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	(3,670,143)
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(3,319,845)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	1,102,843
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	(11,554,713)
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	(10,451,870)
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(15,256,127)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(3,051,225)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(12,204,902)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	4.8205	4.8865	4.9676	4.4724	4.2551	4.1483		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$(1,821,706)	\$62,315	\$(4,722,830)	\$(2,017,522)	\$1,453,141		
2014	-	-	-	-	-	-	-	-
2015	-	(372,804)	-	-	-	-	(372,804)	
2016	-	(372,804)	12,544	-	-	-	(360,260)	
2017	-	(372,804)	12,544	(1,055,994)	-	-	(1,416,254)	
2018	-	(372,804)	12,544	(1,055,994)	(474,142)	-	(1,890,396)	
2019	-	(330,490)	12,544	(1,055,994)	(474,142)	350,298	(1,497,784)	(\$1,509,104)
2020	-	-	12,139	(1,055,994)	(474,142)	350,298	(1,167,699)	
2021	-	-	-	(498,854)	(474,142)	350,298	(622,698)	
2022	-	-	-	-	(120,954)	350,298	229,344	
2023	-	-	-	-	-	51,949	51,949	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$(1,821,706)	\$62,315	\$(4,722,830)	\$(2,017,522)	\$1,453,141	\$(7,046,602)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	4.8205	4.8865	4.9676	4.4724	4.2551	4.1483		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$32,535,213	\$(5,188,326)	\$22,946,444	\$13,137,489	\$(15,224,856)		
2014	-	-	-	-	-	-	-	-
2015	-	6,658,183	-	-	-	-	6,658,183	
2016	-	6,658,183	(1,044,433)	-	-	-	5,613,750	
2017	-	6,658,183	(1,044,433)	(5,130,678)	-	-	483,072	
2018	-	6,658,183	(1,044,433)	(5,130,678)	3,087,469	-	3,570,541	
2019	-	5,902,481	(1,044,433)	(5,130,678)	3,087,469	(3,670,143)	(855,304)	(\$13,157,166)
2020	-	-	(1,010,594)	(5,130,678)	3,087,469	(3,670,143)	(6,723,946)	
2021	-	-	-	(2,423,732)	3,087,469	(3,670,143)	(3,006,406)	
2022	-	-	-	-	787,613	(3,670,143)	(2,882,530)	
2023	-	-	-	-	-	(544,284)	(544,284)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$32,535,213	\$(5,188,326)	\$(22,946,444)	\$13,137,489	\$(15,224,856)	\$2,313,076	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,410,288	\$10,785,198	\$682,472	\$(8,825,212)	\$14,702,888	\$(15,256,127)		
2014	682,058	-	-	-	-	-	682,058	
2015	682,058	2,157,040	-	-	-	-	2,839,098	
2016	682,058	2,157,040	136,494	-	-	-	2,975,592	
2017	682,058	2,157,040	136,494	(1,765,042)	-	-	1,210,550	
2018	682,056	2,157,040	136,494	(1,765,042)	2,940,578	-	4,151,126	
2019	-	2,157,038	136,494	(1,765,042)	2,940,578	(3,051,225)	417,843	(\$6,776,760)
2020	-	-	136,496	(1,765,042)	2,940,578	(3,051,225)	(1,739,193)	
2021	-	-	-	(1,765,044)	2,940,578	(3,051,225)	(1,875,691)	
2022	-	-	-	-	2,940,576	(3,051,225)	(110,649)	
2023	-	-	-	-	-	(3,051,227)	(3,051,227)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$3,410,288	\$10,785,198	\$682,472	\$(8,825,212)	\$14,702,888	\$(15,256,127)	\$5,499,507	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,410,288	\$41,498,705	\$(4,443,539)	\$(36,494,486)	\$25,822,855	\$(29,027,842)		
2014	682,058	-	-	-	-	-	682,058	
2015	682,058	8,442,419	-	-	-	-	9,124,477	
2016	682,058	8,442,419	(895,395)	-	-	-	8,229,082	
2017	682,058	8,442,419	(895,395)	(7,951,714)	-	-	277,368	
2018	682,056	8,442,419	(895,395)	(7,951,714)	5,553,905	-	5,831,271	
2019	-	7,729,029	(895,395)	(7,951,714)	5,553,905	(6,371,070)	(1,935,245)	(\$21,443,030)
2020	-	-	(861,959)	(7,951,714)	5,553,905	(6,371,070)	(9,630,838)	
2021	-	-	-	(4,687,630)	5,553,905	(6,371,070)	(5,504,795)	
2022	-	-	-	-	3,607,235	(6,371,070)	(2,763,835)	
2023	-	-	-	-	-	(3,543,562)	(3,543,562)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$3,410,288	\$41,498,705	\$(4,443,539)	\$(36,494,486)	\$25,822,855	\$(29,027,842)	\$765,981	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	9,352,792	11,705,880	(2,353,088)
2. Due to Assets	5,234,110	4,816,267	417,843
3. Total	\$14,586,902	\$16,522,147	\$(1,935,245)

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	362,842	1,860,626	(1,497,784)
2. Assumption Changes	8,989,950	9,845,254	(855,304)
3. Net Difference between projected and actual earnings on pension plan investments	5,234,110	4,816,267	417,843
4. Total	\$14,586,902	\$16,522,147	\$(1,935,245)

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses			
	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	1,114,982	2,624,086	(1,509,104)
2. Assumption Changes	6,962,551	20,119,717	(13,157,166)
3. Net Difference between projected and actual earnings on pension plan investments	-	6,776,760	(6,776,760)
4. Total	\$8,077,533	\$29,520,563	\$(21,443,030)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses		
	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(9,630,838)
	2021	(5,504,795)
	2022	(2,763,835)
	2023	(3,543,562)
	2024	-
	Thereafter	-
	Total:	\$(21,443,030)

Supplementary Information

Statement of Fiduciary Net Position

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	1,234,132	702,092
Domestic liquidity - outside banks	4,807,454	9,924,069
	\$6,041,586	\$10,626,161
Receivables:		
Employee contributions	1,266	-
Employer contributions	1,294	-
Securities sold	562,123	978,950
Accrued interest and dividends	341,038	350,447
Currency contract receivable	3,475,438	29,143,085
	\$4,381,159	\$30,472,482
Investments, at fair value:		
Fixed income	26,075,174	23,302,676
Equities	71,840,491	56,354,104
Private markets	24,875,752	20,386,735
Marketable alternatives	25,788,788	23,773,624
Security lending collateral	6,934,619	8,397,282
	\$155,514,824	\$132,214,421
Capital assets, at cost, net of accumulated depreciation	53,088	59,127
Total Assets:	\$165,990,657	\$173,372,191
Liabilities		
Payables:		
Securities Purchased	748,467	2,089,516
Administrative and consulting fees payable	520,979	374,113
Currency contract payable	3,492,326	29,241,821
Securities lending collateral	6,934,619	8,397,282
Total Liabilities	\$11,696,391	\$40,102,732
Net Position held in trust for pension benefits	\$154,294,266	\$133,269,459

Supplementary Information

Statement of Changes in Fiduciary Net Position

State Patrol, Game & Fish, Warden & Criminal Investigator Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	3,527,287	3,416,437
Employer	3,639,033	3,491,524
Other	669,368	418,075
	\$7,835,688	\$7,326,036
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	23,007,774	(6,360,098)
Interest and dividends Employee Contributions	2,386,207	2,429,841
Total investing activity:	\$25,393,981	\$(3,930,257)
Investing activity expenses:		
Investment advisor or contractor fees	(949,887)	(1,009,032)
Net income/(loss) from investing activities:	\$24,444,094	\$(4,939,289)
Securities lending activities:		
Securities lending gross income	233,584	217,299
Securities lending expenses:		
Broker rebates	(207,157)	(180,884)
Agent fees	(3,958)	(5,455)
Total securities lending expenses:	\$(211,115)	\$(186,339)
Net income from securities lending activities:	22,469	30,960
Total investment income/(loss)	\$24,466,563	\$(4,908,329)
Total Additions (deletions):	\$32,302,251	\$2,417,707
Deductions		
Benefits paid / Distributions	10,843,841	10,260,821
Refunds	288,795	351,230
Administrative expenses	128,135	135,782
Administrative expenses: fund specific	10,635	3,595
Depreciation expense	6,038	5,536
Total Deductions:	\$11,277,444	\$10,756,964
Net increase/(decrease) in Net Position	21,024,807	(8,339,257)
Net position held in trust for pension benefits:		
Beginning of year	133,269,459	141,608,716
End of year	\$154,294,266	\$133,269,459



Volunteer Firefighter, EMT and Search & Rescue Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan:

		2019	2018		
Total Contributions		\$431,659	\$421,771		
Net Pension Liability		\$27,985,420	\$35,590,605		
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
1027	Afton Volunteer Fire Department	\$5,880	0.013621864	\$5,940	0.014083472
138904	Albany County Fire District # 1	\$6,615	0.015324596	\$5,535	0.013123235
1101	Albany County Volunteer Fire Department	\$7,755	0.017965570	\$7,335	0.017390954
1026	Albin Volunteer Fire Department	\$3,975	0.009208658	\$4,860	0.011522841
1061	Alpine Volunteer Fire Department	\$1,950	0.004517455	\$2,400	0.005690292
136063	Antelope Gap Rural Fire District	\$1,425	0.003301217	\$1,425	0.003378611
1062	Bairoil Volunteer Fire Department	\$1,545	0.003579214	\$1,305	0.003094096
1103	Bar Nunn Volunteer Fire Department	\$1,875	0.004343706	\$2,310	0.005476906
1019	Big Horn #1 Volunteer Fire Department	\$2,340	0.005420946	\$2,160	0.005121262
144165	Big Horn County Fire Protection District No. 4	\$3,300	0.007644923	\$2,595	0.006152628
161178	Big Horn County Search and Rescue	\$6,120	0.014177858	\$-	0.000000000
1108	Big Horn County Volunteer Fire - District 5	\$2,520	0.005837942	\$2,160	0.005121262
1004	Big Horn County Volunteer Fire Department	\$4,455	0.010320647	\$4,875	0.011558405
1074	Buffalo Volunteer Fire Department	\$2,790	0.006463435	\$2,700	0.006401578
1008	Campbell County Volunteer Fire Department	\$12,740	0.029514038	\$14,925	0.035386501
1094	Carbon County Volunteer Fire Department	\$6,675	0.015463595	\$7,845	0.018600141
1049	Casper Mountain Volunteer Fire Department	\$2,820	0.006532935	\$2,520	0.005974806
2050	Centennial Valley Volunteer - EMT	\$180	0.000416996	\$165	0.000391208
1046	Chugwater Volunteer Fire Department	\$2,160	0.005003950	\$2,115	0.005014570
1090	Clark Volunteer Fire Department	\$1,320	0.003057969	\$1,440	0.003414175
1047	Cody Volunteer Fire Department	\$12,060	0.027938720	\$11,820	0.028024686
1057	Cokeville Volunteer Fire Department/Bear River Fire Protection	\$1,800	0.004169958	\$1,980	0.004694491
152796	Converse County Rural Fire Department	\$1,980	0.004586954	\$810	0.001920473
1091	Crook County Volunteer Fire Department	\$5,220	0.012092879	\$2,970	0.007041736
1089	Dayton Volunteer Fire Department	\$3,180	0.007366926	\$3,240	0.007681894
1030	Douglas Volunteer Fire Department	\$6,270	0.014525355	\$5,670	0.013443314
1017	Dubois Volunteer Fire Department	\$4,755	0.011015640	\$4,395	0.010420347
2105	Eden-Farson Fire Control District	\$1,200	0.002779972	\$900	0.002133859
1102	Eden-Farson Volunteer Fire Department	\$1,050	0.002432476	\$1,080	0.002560631
1078	Elk Mountain Volunteer Fire Department	\$1,635	0.003787712	\$1,485	0.003520868
1066	Encampment Volunteer Fire Department	\$3,150	0.007297427	\$3,210	0.007610765
1009	Evanston Volunteer Fire Department	\$3,630	0.008409416	\$3,900	0.009246724
1067	Evansville Volunteer Fire Department	\$975	0.002258727	\$1,170	0.002774017
1042	Fort Laramie Volunteer Fire Department	\$1,440	0.003335967	\$915	0.002169424
1000	Fremont County Fire Protection District	\$23,985	0.055564693	\$25,470	0.060388220
2120	Glendo Volunteer Ambulance - EMT	\$585	0.001355236	\$720	0.001707087
1071	Glendo Volunteer Fire Department	\$645	0.001494235	\$540	0.001280316
1073	Glenrock Volunteer Fire Department	\$3,300	0.007644923	\$3,915	0.009282288
1028	Granger Volunteer Fire Department	\$1,185	0.002745223	\$840	0.001991602

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan:

		2019	2018		
Total Contributions		\$431,659	\$421,771		
Net Pension Liability		\$27,985,420	\$35,590,605		
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
1040	Green River Volunteer Fire Department	\$7,440	0.017235827	\$7,665	0.018173369
1072	Greybull Volunteer Fire Department	\$3,360	0.007783922	\$3,645	0.008642130
1112	Guernsey Rural Fire District	\$900	0.002084979	\$900	0.002133859
1041	Guernsey Volunteer Fire Department	\$2,385	0.005525195	\$1,620	0.003840947
1110	Hartville Volunteer Fire Department	\$1,710	0.003961460	\$1,440	0.003414175
1044	Hawk Springs Volunteer Fire Department	\$1,710	0.003961460	\$1,785	0.004232154
1076	Holly Frontier Refinery Fire Rescue	\$8,715	0.020189548	\$9,540	0.022618909
2150	Hulett Emergency Medical Services Inc	\$1,230	0.002849471	\$1,050	0.002489503
1070	Hulett Volunteer Fire Department	\$2,055	0.004760702	\$2,535	0.006010371
2155	Jackson Hole - EMT	\$360	0.000833992	\$435	0.001031365
1059	Jackson Hole Volunteer Fire	\$9,165	0.021232037	\$9,420	0.022334395
1007	Jeffrey City Volunteer Fire Department	\$1,470	0.003405466	\$1,500	0.003556432
2030	Johnson County Ambulance - EMT	\$4,020	0.009312907	\$4,560	0.010811554
1081	Johnson County Fire Control District #1	\$4,290	0.009938400	\$4,245	0.010064703
1054	LaGrange Volunteer Fire Department	\$2,910	0.006741432	\$2,760	0.006543835
1006	Lander Volunteer Fire Department	\$7,650	0.017722322	\$8,040	0.019062477
1048	Laramie County #1 Volunteer Fire Department	\$2,100	0.004864951	\$1,680	0.003983204
1015	Laramie County #2 Volunteer Fire Department	\$4,815	0.011154638	\$4,695	0.011131633
1068	Laramie County #4 Volunteer Fire Department	\$2,340	0.005420946	\$2,340	0.005548034
1083	Laramie County #5 Volunteer Fire Department	\$3,315	0.007679673	\$3,120	0.007397379
1001	Laramie County #6 Volunteer Fire Department	\$3,135	0.007262677	\$2,880	0.006828350
1085	Laramie County #8 Volunteer Fire Department	\$180	0.000416996	\$360	0.000853544
1039	Laramie County #10 Volunteer Fire Department	\$2,175	0.005038700	\$1,440	0.003414175
1031	Lingle Volunteer Fire Department	\$3,150	0.007297427	\$3,285	0.007788587
2015	Little Snake River - EMT	\$1,290	0.002988470	\$1,380	0.003271918
1036	Lovell Volunteer Fire Department	\$5,475	0.012683623	\$5,880	0.013941215
1033	Lusk Volunteer Fire Department	\$3,840	0.008895911	\$3,780	0.008962209
1052	Manderson Volunteer Fire Department	\$1,530	0.003544464	\$1,800	0.004267719
1058	Medicine Bow Volunteer Fire Department	\$510	0.001181488	\$540	0.001280316
1016	Meeteetse Volunteer Fire Department	\$1,740	0.004030960	\$1,995	0.004730055
1060	Moorcroft Volunteer Fire Department	\$3,810	0.008826412	\$4,500	0.010669297
1043	Newcastle Volunteer Fire Department	\$8,850	0.020502295	\$8,325	0.019738199
2000	North Lincoln County Hospital District	\$1,305	0.003023220	\$-	0.000000000
1096	Osage Volunteer Fire Department	\$720	0.001667983	\$840	0.001991602
1002	Other	\$1,815	0.004204708	\$2,210	0.005239810
1065	Palmer Canyon Fire Department	\$2,775	0.006428686	\$2,340	0.005548034
2375	Pine Haven Ambulance	\$540	0.001250987	\$540	0.001280316

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan:

		2019	2018		
Total Contributions		\$431,659	\$421,771		
Net Pension Liability		\$27,985,420	\$35,590,605		
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
1084	Pine Haven Volunteer Fire Department	\$1,515	0.003509715	\$1,800	0.004267719
1087	Powder River Fire District	\$3,165	0.007332177	\$3,195	0.007575201
2265	Powell Valley Healthcare - EMT	\$1,635	0.003787712	\$1,680	0.003983204
1011	Powell Volunteer Fire Department	\$8,220	0.019042809	\$8,325	0.019738199
1105	Prairie Center Volunteer Fire Department	\$5,295	0.012266627	\$5,040	0.011949612
1025	Rawlins Volunteer Fire Department	\$1,890	0.004378456	\$2,160	0.005121262
1010	Riverton Volunteer Fire Department	\$9,165	0.021232037	\$9,180	0.021765366
1082	Rock River Volunteer Fire Department	\$240	0.000555994	\$405	0.000960237
1013	Salt Creek Volunteer Fire Department	\$570	0.001320487	\$360	0.000853544
1021	Saratoga Volunteer Fire Department	\$6,660	0.015428845	\$5,940	0.014083472
1100	Shell Volunteer Fire Department	\$1,290	0.002988470	\$1,170	0.002774017
1109	Sheridan Area Rural Volunteer Fire Department	\$2,640	0.006115939	\$2,880	0.006828350
1035	Sinclair Refinery Volunteer Fire Department	\$9,045	0.020954040	\$9,210	0.021836494
1056	Sinclair Volunteer Fire Department	\$990	0.002293477	\$870	0.002062731
2390	South Central EMS	\$1,320	0.003057969	\$1,605	0.003805383
1005	South Lincoln Volunteer Fire Department	\$4,335	0.010042649	\$4,410	0.010455911
2000	Star Valley Medical Center - EMT	\$-	0.000000000	\$1,395	0.003307482
1080	Story Volunteer Fire Department	\$1,620	0.003752962	\$1,230	0.002916274
131781	Sublette County Unified Fire	\$14,805	0.034297906	\$13,875	0.032896999
1018	Sundance Volunteer Fire Department	\$2,880	0.006671933	\$3,375	0.008001973
132195	Superior Volunteer Fire Department	\$360	0.000833992	\$360	0.000853544
1075	Sweetwater County Volunteer Fire Department	\$1,995	0.004621704	\$1,590	0.003769818
1023	Sweetwater District 1 Volunteer Fire Department	\$8,085	0.018730062	\$7,860	0.018635705
2310	Ten Sleep Ambulance Service - EMT	\$615	0.001424736	\$795	0.001884909
1069	Ten Sleep Volunteer Fire Department	\$1,785	0.004135209	\$1,650	0.003912076
159441	Teton County Volunteer Search and Rescue	\$6,120	0.014177858	\$-	0.000000000
1107	Teton Village Volunteer Fire Department	\$3,180	0.007366926	\$3,150	0.007468508
2370	Thayne Ambulance Service - EMT	\$2,880	0.006671933	\$2,595	0.006152628
1029	Thayne Volunteer Fire Department	\$4,965	0.011502135	\$4,530	0.010740425
1024	Thermopolis Volunteer Fire Department	\$4,740	0.010980890	\$4,785	0.011345019
1099	Tongue River Volunteer Fire Department	\$2,160	0.005003950	\$2,700	0.006401578
2320	Torrington Ambulance Service - EMT	\$855	0.001980730	\$720	0.001707087
1014	Torrington Volunteer Fire Department	\$7,635	0.017687573	\$8,190	0.019418120
2250	Town of Pine Bluffs EMS	\$390	0.000903491	\$360	0.000853544
2095	Uinta County - EMT	\$7,530	0.017444325	\$6,705	0.015897252
1104	Uinta County Volunteer Fire Department	\$3,405	0.007888171	\$3,420	0.008108666
1020	Upton Volunteer Fire Department	\$3,870	0.008965410	\$3,900	0.009246724
1079	Veteran Volunteer Fire Department	\$3,405	0.007888171	\$3,390	0.008037537
1093	Wamsutter Volunteer Fire Department	\$2,220	0.005142948	\$2,175	0.005156827

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan:

		2019		2018	
Total Contributions		\$431,659		\$421,771	
Net Pension Liability		\$27,985,420		\$35,590,605	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
2340	Washakie County - EMT	\$1,545	0.003579214	\$1,320	0.003129660
159527	Washakie County Search and Rescue	\$1,560	0.003613964	\$-	0.000000000
2065	West Park Hospital - EMT	\$540	0.001250987	\$540	0.001280316
1064	Weston County Volunteer Fire Protection District	\$5,760	0.013343866	\$6,030	0.014296858
1034	Wheatland Volunteer Fire Department	\$5,730	0.013274367	\$5,535	0.013123235
1053	Worland Volunteer Fire Department	\$4,245	0.009834151	\$4,500	0.010669297
1077	Yoder Volunteer Fire Department	\$1,260	0.002918971	\$1,515	0.003591997
*	Adjustment	\$(3,721)	-0.00862023	\$641	0.001519782
Total:		\$431,659	100%	\$421,771	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.

See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Volunteer Firefighter, EMT, and Search & Rescue Pension Plan

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$332,252	\$1,591,631	\$-	\$1,923,883

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$1,734,977	\$-	\$3,598,194	\$5,333,171	\$4,040,945	\$27,985,420

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$1,432,649	\$1,426,154	\$1,412,440
Interest on the Total Pension Liability	7,685,536	7,474,042	7,372,254
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	441,209	(1,397,503)	(3,538,907)
Assumption Changes	-	-	5,273,789
Benefit Payments	(6,466,593)	(6,101,659)	(5,780,647)
Refunds	(40,182)	(44,163)	(33,242)
Net Change in Total Pension Liability	\$3,052,619	\$1,356,871	\$4,705,687
Total Pension Liability - Beginning	\$111,846,319	\$110,489,447	\$105,783,760
Total Pension Liability - Ending (a)	\$114,898,938	\$111,846,319	\$110,489,447
Plan Fiduciary Net Position			
Fire Insurance Premium Tax	\$3,118,824	\$2,959,943	\$3,290,994
Employee Contributions	437,255	434,522	425,592
Pension Plan Net Investment Income	13,701,406	(2,782,682)	10,035,753
Benefit Payments	(6,466,593)	(6,101,659)	(5,780,647)
Refunds	(40,182)	(44,163)	(33,242)
Pension Plan Administrative Expense	(89,451)	(91,195)	(88,835)
Other	(3,455)	(3,201)	(3,453)
Net Change in Plan Fiduciary Net Position	\$10,657,804	\$(5,628,435)	\$7,846,162
Plan Fiduciary Net Position - Beginning	\$76,255,714	\$81,884,148	\$74,037,986
Plan Fiduciary Net Position - Ending (b)	\$86,913,518	\$76,255,714	\$81,884,148
Net Pension Liability - Ending (a) - (b)	\$27,985,420	\$35,590,605	\$28,605,299
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	75.64%	68.18%	74.11%
Covered Payroll	N/A See Note 2	N/A See Note 2	N/A See Note 2
Net Pension Liability as a Percentage of Covered Payroll	N/A See Note 2	N/A See Note 2	N/A See Note 2

Note 2: This plan is for volunteers and payroll is not applicable.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan (continued)		
Fiscal year ending December 31,	2016	2015
Total Pension Liability		
Service Cost	\$1,285,552	\$1,253,883
Interest on the Total Pension Liability	7,761,646	7,520,888
Benefit Changes	-	21,809,884
Difference between Expected and Actual Experience	(479,308)	211,035
Assumption Changes	-	(472,252)
Benefit Payments	(5,506,699)	(4,832,911)
Refunds	(35,162)	(34,719)
Net Change in Total Pension Liability	\$3,026,029	\$25,455,808
Total Pension Liability - Beginning	\$102,757,731	\$77,723,993
Total Pension Liability - Ending (a)	\$105,783,760	\$102,757,731
Plan Fiduciary Net Position		
Fire Insurance Premium Tax	\$3,198,930	\$2,238,612
Employee Contributions	459,363	417,406
Pension Plan Net Investment Income	4,939,925	(675,297)
Benefit Payments	(5,506,699)	(4,832,911)
Refunds	(35,162)	(34,719)
Pension Plan Administrative Expense	(80,904)	(73,412)
Other	(3,453)	(3,470)
Net Change in Plan Fiduciary Net Position	\$2,972,000	\$(2,963,791)
Plan Fiduciary Net Position - Beginning	\$71,065,986	\$74,029,777
Plan Fiduciary Net Position - Ending (b)	\$74,037,986	\$71,065,986
Net Pension Liability - Ending (a) - (b)	\$31,745,774	\$31,691,745
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	69.99%	69.16%
Covered Payroll	N/A See Note 2	N/A See Note 2
Net Pension Liability as a Percentage of Covered Payroll	N/A See Note 2	N/A See Note 2

Note: Information not available prior to 2015

Note 2: This plan is for volunteers and payroll is not applicable.

Supplementary Information

Pension Expense

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$1,432,649
2. Interest on the Total Pension Liability	7,685,536
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(437,255)
5. Projected Earnings on Plan Investments (made negative for addition here)	(5,233,176)
6. Pension Plan Administrative	89,451
7. Other Changes in Plan Fiduciary Net Position	3,455
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	133,474
9. Recognition of Outflow (Inflow) of Resources due to Assets	366,811
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 *	-
11. Total Pension Expense	\$4,040,945

* In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$441,209
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.0494
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	108,957
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	-
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	108,957
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	332,252
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	332,252
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(8,468,230)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(1,693,646)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(6,774,584)

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Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Volunteer Firefighter, Emergency Medical Technician, and Search & Rescue Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	7.2249	3.7588	3.7634	4.2211	4.0727	4.0494		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$(211,035)	\$(479,308)	\$(3,538,907)	\$(1,397,503)	\$441,209		
2014	-	-	-	-	-	-	-	-
2015	-	(56,144)	-	-	-	-	(56,144)	
2016	-	(56,144)	(127,360)	-	-	-	(183,504)	
2017	-	(56,144)	(127,360)	(838,385)	-	-	(1,021,889)	
2018	-	(42,603)	(127,360)	(838,385)	(343,139)	-	(1,351,487)	
2019	-	-	(97,228)	(838,385)	(343,139)	108,957	(1,169,795)	(\$1,402,725)
2020	-	-	-	(838,385)	(343,139)	108,957	(1,072,567)	
2021	-	-	-	(185,367)	(343,139)	108,957	(419,549)	
2022	-	-	-	-	(24,947)	108,957	84,010	
2023	-	-	-	-	-	5,381	5,381	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$(211,035)	\$(479,308)	\$(3,538,907)	\$(1,397,503)	\$441,209	\$(5,185,544)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.2249	3.7588	3.7634	4.2211	4.0727	4.0494		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$389,295	\$(472,252)	\$-	\$5,273,789	\$-	\$-		
2014	53,882	-	-	-	-	-	53,882	
2015	53,882	(125,639)	-	-	-	-	(71,757)	
2016	53,882	(125,639)	-	-	-	-	(71,757)	
2017	53,882	(125,639)	-	1,249,387	-	-	1,177,630	
2018	53,882	(95,335)	-	1,249,387	-	-	1,207,934	
2019	53,882	-	-	1,249,387	-	-	1,303,269	\$1,591,631
2020	53,882	-	-	1,249,387	-	-	1,303,269	
2021	12,121	-	-	276,241	-	-	288,362	
2022	-	-	-	-	-	-	-	
2023	-	-	-	-	-	-	-	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$389,295	\$(472,252)	\$-	\$5,273,789	\$-	\$-	\$5,190,832	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Volunteer Firefighter, Emergency Medical Technician, and Search & Rescue Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.000	5.000	5.000	5.000	5.000	5.000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$2,065,788	\$6,323,926	\$491,432	\$(4,929,730)	\$8,416,656	\$(8,468,230)		
2014	413,158	-	-	-	-	-	413,158	
2015	413,158	1,264,785	-	-	-	-	1,677,943	
2016	413,158	1,264,785	98,286	-	-	-	1,776,229	
2017	413,158	1,264,785	98,286	(985,946)	-	-	790,283	
2018	413,156	1,264,785	98,286	(985,946)	1,683,331	-	2,473,612	
2019	-	1,264,786	98,286	(985,946)	1,683,331	(1,693,646)	366,811	(\$3,598,194)
2020	-	-	98,288	(985,946)	1,683,331	(1,693,646)	(897,973)	
2021	-	-	-	(985,946)	1,683,331	(1,693,646)	(996,261)	
2022	-	-	-	-	1,683,332	(1,693,646)	(10,314)	
2023	-	-	-	-	-	(1,693,646)	(1,693,646)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$2,065,788	\$6,323,926	\$491,432	\$(4,929,730)	\$8,416,656	\$(8,468,230)	\$3,899,842	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$2,455,083	\$5,640,639	\$12,124	\$(3,194,848)	\$7,019,153	\$(8,027,021)		
2014	467,040	-	-	-	-	-	467,040	
2015	467,040	1,083,002	-	-	-	-	1,550,042	
2016	467,040	1,083,002	(29,074)	-	-	-	1,520,968	
2017	467,040	1,083,002	(29,074)	(574,944)	-	-	946,024	
2018	467,038	1,126,847	(29,074)	(574,944)	1,340,192	-	2,330,059	
2019	53,882	1,264,786	1,058	(574,944)	1,340,192	(1,584,689)	500,285	(\$3,409,288)
2020	53,882	-	98,288	(574,944)	1,340,192	(1,584,689)	(667,271)	
2021	12,121	-	-	(895,072)	1,340,192	(1,584,689)	(1,127,448)	
2022	-	-	-	-	1,658,385	(1,584,689)	73,696	
2023	-	-	-	-	-	(1,688,265)	(1,688,265)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$2,455,083	\$5,640,639	\$12,124	\$(3,194,848)	\$7,019,153	\$(8,027,021)	\$3,905,130	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	1,412,226	1,278,752	133,474
2. Due to Assets	3,046,403	2,679,592	366,811
3. Total	\$4,458,629	\$3,958,344	\$500,285

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	108,957	1,278,752	(1,169,795)
2. Assumption Changes	1,303,269	-	1,303,269
3. Net Difference between projected and actual earnings on pension plan investments	3,046,403	2,679,592	366,811
4. Total	\$4,458,629	\$3,958,344	\$500,285

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	332,252	1,734,977	(1,402,725)
2. Assumption Changes	1,591,631	-	1,591,631
3. Net Difference between projected and actual earnings on pension plan investments	-	3,598,194	(3,598,194)
4. Total	\$1,923,883	\$5,333,171	\$(3,409,288)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses

	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(667,271)
	2021	(1,127,448)
	2022	73,696
	2023	(1,688,265)
	2024	-
	Thereafter	-
	Total:	\$(3,409,288)

Supplementary Information

Statement of Fiduciary Net Position

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	702,507	589,538
Domestic liquidity - outside banks	2,673,320	5,581,756
	\$3,375,827	\$6,171,294
Receivables:		
Insurance premium tax	1,100,000	1,100,000
Employee contributions	38,310	30,199
Securities sold	311,006	548,810
Accrued interest and dividends	182,556	197,848
Currency contract receivable	1,932,616	16,391,422
	\$3,564,488	\$18,268,279
Investments, at fair value:		
Fixed income	14,499,837	13,106,506
Equities	39,948,932	31,696,162
Private markets	13,832,864	11,466,445
Marketable alternatives	14,340,583	13,371,388
Security lending collateral	3,856,190	4,723,021
	\$86,478,406	\$74,363,522
Capital assets, at cost, net of accumulated depreciation	32,062	35,517
Total Assets:	\$93,450,783	\$98,838,612
Liabilities		
Payables:		
Securities Purchased	416,206	1,175,239
Administrative and consulting fees payable	322,863	237,682
Currency contract payable	1,942,006	16,446,956
Securities lending collateral	3,856,190	4,723,021
Total Liabilities:	\$6,537,265	\$22,582,898
Net Position held in trust for pension benefits	\$86,913,518	\$76,255,714

Supplementary Information

Statement of Changes in Fiduciary Net Position

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	431,659	421,771
Other	3,124,420	2,972,694
	\$3,556,079	\$3,394,465
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	12,876,571	(3,609,403)
Interest and dividends Employee Contributions	1,341,113	1,375,217
Total investing activity:	\$14,217,684	\$(2,234,186)
Investing activity expenses:		
Investment advisor or contractor fees	(528,821)	(565,908)
Net income/(loss) from investing activities:	\$13,688,863	\$(2,800,094)
Securities lending activities:		
Securities lending gross income	130,447	122,207
Securities lending expenses:		
Broker rebates	(115,695)	(101,727)
Agent fees	(2,209)	(3,068)
Total securities lending expenses:	\$(117,904)	\$(104,795)
Net income from securities lending activities:	12,543	17,412
Total investment income/(loss)	\$13,701,406	\$(2,782,682)
Total Additions (deletions):	\$17,257,485	\$611,783
Deductions		
Benefits paid / Distributions	6,466,593	6,101,659
Refunds	40,182	44,163
Administrative expenses	71,976	77,192
Administrative expenses: fund specific	17,475	14,003
Depreciation expense	3,455	3,201
Total Deductions:	\$6,599,681	\$6,240,218
Net increase/(decrease) in Net Position	10,657,804	(5,628,435)
Net position held in trust for pension benefits:		
Beginning of year	76,255,714	81,884,149
End of year	\$86,913,518	\$76,255,714



Paid Firemen's Pension Plan A

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Paid Firemen's Pension Plan A:

		2019		2018	
Annual Benefits Paid		\$16,093,422		\$15,788,064	
Net Pension Liability		\$260,575,393		\$227,000,237	
Employer Rain ID	Organization Name	Total Benefits Paid	Employer proportional share of allocation	Total Benefits Paid	Employer proportional share of allocation
491	Campbell County	\$118,703	0.007375892	\$115,246	0.007299565
498	Casper/Natrona County Airport	\$39,900	0.002479289	\$38,738	0.002453626
489	City of Casper	\$4,727,959	0.293782087	\$4,625,877	0.292998369
490	City of Cheyenne	\$4,712,019	0.292791630	\$4,754,335	0.301134769
492	City of Laramie	\$2,874,507	0.178613794	\$2,749,814	0.174170437
495	City of Rawlins	\$209,210	0.012999716	\$203,117	0.012865225
496	City of Rock Springs	\$1,457,760	0.090581126	\$1,382,150	0.087543983
497	City of Sheridan	\$1,317,325	0.081854875	\$1,288,489	0.081611590
493	Natrona County Fire Protection	\$459,138	0.028529522	\$38,738	0.002453626
*	Adjustment	\$176,900	0.010992069	\$591,560	0.037468812
Total:		\$16,093,422	100%	\$15,788,064	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Paid Firemen's Pension Plan A

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$-	\$-	\$-	\$-

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$-	\$-	\$4,734,016	\$4,734,016	\$45,257,941	\$260,575,393

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Paid Firemen's Pension Plan A			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$40,886	\$61,278	\$122,812
Interest on the Total Pension Liability	10,996,219	12,801,237	12,582,433
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(3,107,578)	(1,673,790)	1,188,594
Assumption Changes	42,477,504	(11,600,861)	41,599,453
Benefit Payments	(16,093,422)	(15,788,064)	(15,410,878)
Refunds	-	-	-
Net Change in Total Pension Liability	\$34,313,609	\$(16,200,200)	\$40,082,414
Total Pension Liability - Beginning	\$324,221,215	\$340,421,415	\$300,339,001
Total Pension Liability - Ending (a)	\$358,534,824	\$324,221,215	\$340,421,415
Plan Fiduciary Net Position			
Employer Contributions	\$-	\$-	\$-
Employee Contributions	-	-	-
Pension Plan Net Investment Income	16,923,518	(3,580,279)	15,351,989
Benefit Payments	(16,093,422)	(15,788,064)	(15,410,878)
Refunds	-	-	-
Pension Plan Administrative Expense	(87,238)	(98,669)	(108,773)
Other	(4,405)	(4,562)	(6,020)
Net Change in Plan Fiduciary Net Position	\$738,453	\$(19,471,574)	\$(173,682)
Plan Fiduciary Net Position - Beginning	\$97,220,978	\$116,692,552	\$116,866,234
Plan Fiduciary Net Position - Ending (b)	\$97,959,431	\$97,220,978	\$116,692,552
Net Pension Liability - Ending (a) - (b)	\$260,575,393	\$227,000,237	\$223,728,863
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	27.32%	29.99%	34.28%
Covered Payroll	\$65,621	\$134,155	\$195,221
Projected Valuation Payroll	\$65,621	\$134,155	\$195,221
Net Pension Liability as a Percentage of Covered Payroll	397,094.13%	169,207.64%	114,602.87%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Paid Firemen's Pension Plan A (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$147,314	\$162,541	\$188,951
Interest on the Total Pension Liability	12,906,407	12,910,372	13,337,846
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(1,825,288)	(2,479,196)	-
Assumption Changes	(5,166,271)	9,056,601	99,327,064
Benefit Payments	(15,075,912)	(14,824,715)	(14,581,980)
Refunds	-	-	-
Net Change in Total Pension Liability	\$(9,013,750)	\$4,825,603	\$98,271,881
Total Pension Liability - Beginning	\$309,352,751	\$304,527,148	\$206,255,267
Total Pension Liability - Ending (a)	\$300,339,001	\$309,352,751	\$304,527,148
Plan Fiduciary Net Position			
Employer Contributions	\$-	\$-	\$-
Employee Contributions	-	-	-
Pension Plan Net Investment Income	8,160,117	(1,107,007)	7,064,066
Benefit Payments	(15,075,912)	(14,824,715)	(14,581,980)
Refunds	-	-	-
Pension Plan Administrative Expense	(110,274)	(102,903)	(113,705)
Other	(6,019)	(6,559)	(1,701)
Net Change in Plan Fiduciary Net Position	\$(7,032,088)	\$(16,041,184)	\$(7,633,320)
Plan Fiduciary Net Position - Beginning	\$123,898,322	\$139,939,506	\$147,572,826
Plan Fiduciary Net Position - Ending (b)	\$116,866,234	\$123,898,322	\$139,939,506
Net Pension Liability - Ending (a) - (b)	\$183,472,767	\$185,454,429	\$164,587,642
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	38.91%	40.05%	45.95%
Covered Payroll	\$195,221	\$179,486	\$198,404
Projected Valuation Payroll	\$195,221	\$179,486	\$198,404
Net Pension Liability as a Percentage of Covered Payroll	93,982.30%	103,325.47%	82,955.64%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Paid Firemen's Pension Plan A	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$40,886
2. Interest on the Total Pension Liability	10,996,219
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	0
5. Projected Earnings on Plan Investments (made negative for addition here)	(6,248,572)
6. Pension Plan Administrative	87,238
7. Other Changes in Plan Fiduciary Net Position	4,405
8. Recognition of Outflow (Inflow) of Resources due to Liabilities*	39,369,926
9. Recognition of Outflow (Inflow) of Resources due to Assets	1,007,839
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 **	-
11. Total Pension Expense	\$45,257,941

* Includes change in the blended single discount rate from 4.01% to 3.09%

** In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Paid Firemen's Pension Plan A	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$(3,107,578)
2. Assumption Changes (gains) or losses	42,477,504
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	1.0000
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	(3,107,578)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	42,477,504
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	39,369,926
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	-
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	-
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(10,674,946)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(2,134,989)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(8,539,957)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan A

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$(2,479,196)	\$(1,825,288)	\$1,188,594	\$(1,673,790)	\$(3,107,578)		
2014	-	-	-	-	-	-	-	-
2015	-	(2,479,196)	-	-	-	-	(2,479,196)	
2016	-	-	(1,825,288)	-	-	-	(1,825,288)	
2017	-	-	-	1,188,594	-	-	1,188,594	
2018	-	-	-	-	(1,673,790)	-	(1,673,790)	
2019	-	-	-	-	-	(3,107,578)	(3,107,578)	\$ -
2020	-	-	-	-	-	-	-	
2021	-	-	-	-	-	-	-	
2022	-	-	-	-	-	-	-	
2023	-	-	-	-	-	-	-	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$(2,479,196)	\$(1,825,288)	\$1,188,594	\$(1,673,790)	\$(3,107,578)	\$(7,897,258)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$99,327,064	\$9,056,601	\$(5,166,271)	\$41,599,453	\$(11,600,861)	\$42,477,504		
2014	99,327,064	-	-	-	-	-	99,327,064	
2015	-	9,056,601	-	-	-	-	9,056,601	
2016	-	-	(5,166,271)	-	-	-	(5,166,271)	
2017	-	-	-	41,599,453	-	-	41,599,453	
2018	-	-	-	-	(11,600,861)	-	(11,600,861)	
2019	-	-	-	-	-	42,477,504	42,477,504	\$ -
2020	-	-	-	-	-	-	-	
2021	-	-	-	-	-	-	-	
2022	-	-	-	-	-	-	-	
2023	-	-	-	-	-	-	-	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$99,327,064	\$9,056,601	\$(5,166,271)	\$41,599,453	\$(11,600,861)	\$42,477,504	\$175,693,490	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan A

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,803,304	\$11,373,619	\$491,432	\$(7,714,751)	\$11,201,969	\$(10,674,946)		
2014	760,661	-	-	-	-	-	760,661	
2015	760,661	2,274,724	-	-	-	-	3,035,385	
2016	760,661	2,274,724	170,661	-	-	-	3,206,046	
2017	760,661	2,274,724	170,661	(1,542,950)	-	-	1,663,096	
2018	760,660	2,274,724	170,661	(1,542,950)	2,240,394	-	3,903,489	
2019	-	2,274,723	170,661	(1,542,950)	2,240,394	(2,134,989)	1,007,839	(\$4,734,016)
2020	-	-	170,661	(1,542,950)	2,240,394	(2,134,989)	(1,266,884)	
2021	-	-	-	(1,542,951)	2,240,394	(2,134,989)	(1,437,546)	
2022	-	-	-	-	2,240,393	(2,134,989)	105,404	
2023	-	-	-	-	-	(2,134,990)	(2,134,990)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$3,803,304	\$11,373,619	\$853,305	\$(7,714,751)	\$11,201,969	\$(10,674,946)	\$8,842,500	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$103,130,368	\$17,951,024	\$(6,138,254)	\$35,073,296	\$(2,072,682)	\$28,694,980		
2014	100,087,725	-	-	-	-	-	100,087,725	
2015	760,661	8,852,129	-	-	-	-	9,612,790	
2016	760,661	2,274,724	(6,820,898)	-	-	-	(3,785,513)	
2017	760,661	2,274,724	170,661	41,245,097	-	-	44,451,143	
2018	760,660	2,274,724	170,661	(1,542,950)	(11,034,257)	-	(9,371,162)	
2019	-	2,274,723	170,661	(1,542,950)	2,240,394	37,234,937	40,377,765	(\$4,734,016)
2020	-	-	170,661	(1,542,950)	2,240,394	(2,134,989)	(1,266,884)	
2021	-	-	-	(1,542,951)	2,240,394	(2,134,989)	(1,437,546)	
2022	-	-	-	-	2,240,393	(2,134,989)	105,404	
2023	-	-	-	-	-	(2,134,990)	(2,134,990)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$103,130,368	\$17,951,024	\$(6,138,254)	\$35,073,296	\$(2,072,682)	\$28,694,980	\$176,638,732	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Paid Firemen's Pension Plan A

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	42,477,504	3,107,578	39,369,926
2. Due to Assets	4,685,778	3,677,939	1,007,839
3. Total	\$47,163,282	\$6,785,517	\$40,377,765

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	-	3,107,578	(3,107,578)
2. Assumption Changes	42,477,504	-	42,477,504
3. Net Difference between projected and actual earnings on pension plan investments	4,685,778	3,677,939	1,007,839
4. Total	\$47,163,282	\$6,785,517	\$40,377,765

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	-	-	-
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	-	4,734,016	(4,734,016)
4. Total	\$-	\$4,734,016	\$(4,734,016)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses

	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(1,266,884)
	2021	(1,437,546)
	2022	105,404
	2023	(2,134,990)
	2024	-
	Thereafter	-
	Total:	\$(4,734,016)

Supplementary Information

Statement of Fiduciary Net Position

Paid Firemen's Pension Plan A		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	542,201	581,846
Domestic liquidity - outside banks	3,058,570	7,231,830
	\$3,600,771	\$7,813,676
Receivables:		
Securities sold	355,825	711,048
Accrued interest and dividends	216,755	255,204
Currency contract receivable	2,211,123	21,237,039
	\$2,783,703	\$22,203,291
Investments, at fair value:		
Fixed income	16,589,393	16,981,038
Equities	45,705,932	41,066,152
Private markets	15,826,304	14,856,145
Marketable alternatives	16,407,190	17,324,226
Security lending collateral	4,411,901	6,119,236
	\$98,940,720	\$96,346,797
Capital assets, at cost, net of accumulated depreciation	76,412	80,817
Total Assets:	\$105,401,606	\$126,444,581
Liabilities		
Payables:		
Securities Purchased	476,185	1,522,664
Administrative and consulting fees payable	332,221	272,713
Currency contract payable	2,221,868	21,308,990
Securities lending collateral	4,411,901	6,119,236
Total Liabilities:	\$7,442,175	\$29,223,603
Net Position held in trust for pension benefits	\$97,959,431	\$97,220,978

Supplementary Information

Statement of Changes in Fiduciary Net Position

Paid Firemen's Pension Plan A		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	0	0
Employer	0	0
Other	0	0
	\$-	\$-
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	15,902,985	(4,732,383)
Interest and dividends Employee Contributions	1,627,995	1,889,579
Total investing activity:	\$17,530,980	\$(2,842,804)
Investing activity expenses:		
Investment advisor or contractor fees	(622,733)	(761,453)
Net income/(loss) from investing activities:	\$16,908,247	\$(3,604,257)
Securities lending activities:		
Securities lending gross income	159,415	167,388
Securities lending expenses:		
Broker rebates	(141,455)	(139,186)
Agent fees	(2,689)	(4,224)
Total securities lending expenses:	\$(144,144)	\$(143,410)
Net income from securities lending activities:	15,271	23,978
Total investment income/(loss)	\$16,923,518	\$(3,580,279)
Total Additions (deletions):	\$16,923,518	\$(3,580,279)
Deductions		
Benefits paid / Distributions	16,093,422	15,788,064
Administrative expenses	87,238	98,458
Administrative expenses: fund specific	0	211
Depreciation expense	4,405	4,562
Total Deductions:	\$16,185,065	\$15,891,295
Net increase/(decrease) in Net Position	738,453	(19,471,574)
Net position held in trust for pension benefits:		
Beginning of year	97,220,978	116,692,552
End of year	\$97,959,431	\$97,220,978



Paid Firemen's Pension Plan B

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Paid Firemen's Pension Plan B:

		2019		2018	
Total Contributions		\$6,223,034		\$5,941,602	
Net Pension Liability		\$7,107,456		\$20,983,214	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
491	Campbell County	\$355,066	0.057056736	\$314,357	0.052907785
498	Casper/Natrona County Airport	\$85,078	0.013671454	\$80,902	0.013616193
489	City of Casper	\$1,271,233	0.204278583	\$1,269,719	0.213699773
490	City of Cheyenne	\$1,552,156	0.249421043	\$1,459,883	0.245705283
492	City of Laramie	\$764,146	0.122793131	\$713,799	0.120135782
495	City of Rawlins	\$134,687	0.021643310	\$129,161	0.021738413
496	City of Rock Springs	\$700,276	0.112529652	\$646,056	0.108734311
497	City of Sheridan	\$232,135	0.037302472	\$220,195	0.037059870
478	Evansville Emergency Services	\$112,681	0.018107131	\$111,537	0.018772210
501	Jackson/Teton County Fire Department	\$414,282	0.066572324	\$358,030	0.060258159
476	Johnson County Fire Department	\$13,447	0.002160861	\$14,152	0.002381849
477	Laramie County Fire District # 2	\$73,855	0.011867933	\$49,147	0.008271675
493	Natrona County Fire Protection	\$312,233	0.050173794	\$343,806	0.057864192
474	Town of Mills	\$115,545	0.018567378	\$112,702	0.018968285
475	Uinta County Fire Protection	\$91,365	0.014681670	\$73,361	0.012347007
486	Worland Protection District	\$23,167	0.003722721	\$28,138	0.004735760
*	Adjustment	\$(28,316)	-0.004550192	\$16,657	0.002803453
Total:		\$6,223,034	100%	\$5,941,602	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Paid Firemen's Pension Plan B

As of and for the year ended December 31, 2019

Deferred Outflows of Resources				
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts	
\$408,167	\$18,457,685	\$-	\$18,865,852	

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$6,115,424	\$22,499,204	\$7,128,017	\$35,742,645	\$4,923,575	\$7,107,456

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Paid Firemen's Pension Plan B			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$6,563,232	\$6,259,734	\$8,912,364
Interest on the Total Pension Liability	11,411,054	10,593,553	9,917,806
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	419,684	(6,466,191)	(2,190,045)
Assumption Changes	-	(29,804,719)	16,738,920
Benefit Payments	(5,921,008)	(5,474,014)	(5,054,595)
Refunds	(35,091)	(64,091)	(120,137)
Net Change in Total Pension Liability	\$12,437,871	\$(24,955,728)	\$28,204,313
Total Pension Liability - Beginning	\$162,296,937	\$187,252,665	\$159,048,352
Total Pension Liability - Ending (a)	\$174,734,808	\$162,296,937	\$187,252,665
Plan Fiduciary Net Position			
Employer Contributions	\$3,516,198	\$3,356,547	\$3,230,196
Employee Contributions	2,787,467	2,821,872	2,773,651
Pension Plan Net Investment Income	26,111,099	(5,197,809)	17,838,337
Benefit Payments	(5,921,008)	(5,474,014)	(5,054,595)
Refunds	(35,091)	(64,091)	(120,137)
Pension Plan Administrative Expense	(138,634)	(140,922)	(130,931)
Other	(6,402)	(5,708)	(5,700)
Net Change in Plan Fiduciary Net Position	\$26,313,629	\$(4,704,125)	\$18,530,821
Plan Fiduciary Net Position - Beginning	\$141,313,723	\$146,017,848	\$127,487,027
Plan Fiduciary Net Position - Ending (b)	\$167,627,352	\$141,313,723	\$146,017,848
Net Pension Liability - Ending (a) - (b)	\$7,107,456	\$20,983,214	\$41,234,817
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	95.93%	87.07%	77.98%
Covered Payroll	\$28,028,382	\$26,811,084	\$28,209,686
Projected Valuation Payroll	\$28,729,092	\$28,168,395	\$29,408,598
Net Pension Liability as a Percentage of Covered Payroll	25.36%	78.26%	146.17%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Paid Firemen's Pension Plan B (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$7,422,919	\$7,421,040	\$5,367,034
Interest on the Total Pension Liability	9,744,190	8,937,063	8,194,197
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(93,703)	120,064	-
Assumption Changes	(1,498,059)	20,165,038	-
Benefit Payments	(4,343,944)	(3,712,240)	(3,090,522)
Refunds	(71,599)	(75,062)	(62,762)
Net Change in Total Pension Liability	\$11,159,804	\$32,855,903	\$10,407,947
Total Pension Liability - Beginning	\$147,888,548	\$115,032,645	\$104,624,698
Total Pension Liability - Ending (a)	\$159,048,352	\$147,888,548	\$115,032,645
Plan Fiduciary Net Position			
Employer Contributions	\$3,370,961	\$3,273,668	\$3,184,045
Employee Contributions	2,858,418	2,924,752	2,414,435
Pension Plan Net Investment Income	8,477,077	(1,158,548)	5,303,618
Benefit Payments	(4,343,944)	(3,712,240)	(3,090,522)
Refunds	(71,599)	(75,062)	(62,762)
Pension Plan Administrative Expense	(112,132)	(90,438)	(87,431)
Other	(5,700)	(5,444)	264,234
Net Change in Plan Fiduciary Net Position	\$10,173,081	\$1,156,688	\$7,925,617
Plan Fiduciary Net Position - Beginning	\$117,313,946	\$116,157,258	\$108,231,641
Plan Fiduciary Net Position - Ending (b)	\$127,487,027	\$117,313,946	\$116,157,258
Net Pension Liability - Ending (a) - (b)	\$31,561,325	\$30,574,602	\$(1,124,613)
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	80.16%	79.33%	100.98%
Covered Payroll	\$26,390,481	\$25,986,443	\$24,552,559
Projected Valuation Payroll	\$27,512,076	\$27,090,867	\$25,596,043
Net Pension Liability as a Percentage of Covered Payroll	119.59%	117.66%	-4.58%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Paid Firemen's Pension Plan B	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$6,563,232
2. Interest on the Total Pension Liability	11,411,054
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(2,787,467)
5. Projected Earnings on Plan Investments (made negative for addition here)	(9,898,929)
6. Pension Plan Administrative	138,634
7. Other Changes in Plan Fiduciary Net Position	6,402
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(762,310)
9. Recognition of Outflow (Inflow) of Resources due to Assets	252,959
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 *	-
11. Total Pension Expense	\$4,923,575

* In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Paid Firemen's Pension Plan B	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$419,684
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	6.9999
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	59,956
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	-
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	59,956
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	359,728
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	359,728
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(16,212,170)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(3,242,434)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(12,969,736)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan B

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	8.7186	8.3813	8.0494	7.8262	7.3965	6.9999		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$120,064	\$(93,703)	\$(2,190,045)	\$(6,466,191)	\$419,684		
2014	-	-	-	-	-	-	-	-
2015	-	14,325	-	-	-	-	14,325	
2016	-	14,325	(11,641)	-	-	-	2,684	
2017	-	14,325	(11,641)	(279,835)	-	-	(277,151)	
2018	-	14,325	(11,641)	(279,835)	(874,223)	-	(1,151,374)	
2019	-	14,325	(11,641)	(279,835)	(874,223)	59,956	(1,091,418)	(\$5,707,257)
2020	-	14,325	(11,641)	(279,835)	(874,223)	59,956	(1,091,418)	
2021	-	14,325	(11,641)	(279,835)	(874,223)	59,956	(1,091,418)	
2022	-	14,325	(11,641)	(279,835)	(874,223)	59,956	(1,091,418)	
2023	-	5,464	(11,641)	(279,835)	(874,223)	59,956	(1,100,279)	
2024	-	-	(575)	(231,200)	(874,223)	59,956	(1,046,042)	
Thereafter	-	-	-	-	(346,630)	59,948	(286,682)	
	\$-	\$120,064	\$(93,703)	\$(2,190,045)	\$(6,466,191)	\$419,684	\$(8,210,191)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	8.7186	8.3813	8.0494	7.8262	7.3965	6.9999		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$20,165,038	\$(1,498,059)	\$16,738,920	\$(29,804,719)	\$-		
2014	-	-	-	-	-	-	-	-
2015	-	2,405,956	-	-	-	-	2,405,956	
2016	-	2,405,956	(186,108)	-	-	-	2,219,848	
2017	-	2,405,956	(186,108)	2,138,831	-	-	4,358,679	
2018	-	2,405,956	(186,108)	2,138,831	(4,029,571)	-	329,108	
2019	-	2,405,956	(186,108)	2,138,831	(4,029,571)	-	329,108	(\$4,041,519)
2020	-	2,405,956	(186,108)	2,138,831	(4,029,571)	-	329,108	
2021	-	2,405,956	(186,108)	2,138,831	(4,029,571)	-	329,108	
2022	-	2,405,956	(186,108)	2,138,831	(4,029,571)	-	329,108	
2023	-	917,390	(186,108)	2,138,831	(4,029,571)	-	(1,159,458)	
2024	-	-	(9,195)	1,767,103	(4,029,571)	-	(2,271,663)	
Thereafter	-	-	-	-	(1,597,722)	-	(1,597,722)	
	\$-	\$20,165,038	\$(1,498,059)	\$16,738,920	\$(29,804,719)	\$-	\$5,601,180	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan B

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,185,937	\$10,250,451	\$680,474	\$(8,890,008)	\$15,436,045	\$(16,212,170)		
2014	637,187	-	-	-	-	-	637,187	
2015	637,187	2,050,090	-	-	-	-	2,687,277	
2016	637,187	2,050,090	136,095	-	-	-	2,823,372	
2017	637,187	2,050,090	136,095	(1,778,002)	-	-	1,045,370	
2018	637,189	2,050,090	136,095	(1,778,002)	3,087,209	-	4,132,581	
2019	-	2,050,091	136,095	(1,778,002)	3,087,209	(3,242,434)	252,959	(\$7,128,017)
2020	-	-	136,094	(1,778,002)	3,087,209	(3,242,434)	(1,797,133)	
2021	-	-	-	(1,778,000)	3,087,209	(3,242,434)	(1,933,225)	
2022	-	-	-	-	3,087,209	(3,242,434)	(155,225)	
2023	-	-	-	-	-	(3,242,434)	(3,242,434)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$3,185,937	\$10,250,451	\$680,474	\$(8,890,008)	\$15,436,045	\$(16,212,170)	\$4,450,729	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,185,937	\$30,535,553	\$(911,288)	\$5,658,867	\$(20,834,865)	\$(15,792,486)		
2014	637,187	-	-	-	-	-	637,187	
2015	637,187	4,470,371	-	-	-	-	5,107,558	
2016	637,187	4,470,371	(61,654)	-	-	-	5,045,904	
2017	637,187	4,470,371	(61,654)	80,994	-	-	5,126,898	
2018	637,189	4,470,371	(61,654)	80,994	(1,816,585)	-	3,310,315	
2019	-	4,470,372	(61,654)	80,994	(1,816,585)	(3,182,478)	(509,351)	(\$16,876,793)
2020	-	2,420,281	(61,655)	80,994	(1,816,585)	(3,182,478)	(2,559,443)	
2021	-	2,420,281	(197,749)	80,996	(1,816,585)	(3,182,478)	(2,695,535)	
2022	-	2,420,281	(197,749)	1,858,996	(1,816,585)	(3,182,478)	(917,535)	
2023	-	922,854	(197,749)	1,858,996	(4,903,794)	(3,182,478)	(5,502,171)	
2024	-	-	(9,770)	1,535,903	(4,903,794)	59,956	(3,317,705)	
Thereafter	-	-	-	-	(1,944,352)	59,948	(1,884,404)	
	\$3,185,937	\$30,535,553	\$(911,288)	\$5,658,867	\$(20,834,865)	\$(15,792,486)	\$1,841,718	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Paid Firemen's Pension Plan B

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	4,619,068	5,381,378	(762,310)
2. Due to Assets	5,273,395	5,020,436	252,959
3. Total	\$9,892,463	\$10,401,814	\$(509,351)

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	74,281	1,165,699	(1,091,418)
2. Assumption Changes	4,544,787	4,215,679	329,108
3. Net Difference between projected and actual earnings on pension plan investments	5,273,395	5,020,436	252,959
4. Total	\$9,892,463	\$10,401,814	\$(509,351)

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses			
	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	408,167	6,115,424	(5,707,257)
2. Assumption Changes	18,457,685	22,499,204	(4,041,519)
3. Net Difference between projected and actual earnings on pension plan investments	-	7,128,017	(7,128,017)
4. Total	\$18,865,852	\$35,742,645	\$(16,876,793)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses		
	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(2,559,443)
	2021	(2,695,535)
	2022	(917,535)
	2023	(5,502,171)
	2024	(3,317,705)
	Thereafter	(1,884,404)
	Total:	\$(16,876,793)

Supplementary Information

Statement of Fiduciary Net Position

Paid Firemen's Pension Plan B		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	1,685,533	1,066,449
Domestic liquidity - outside banks	5,195,197	10,463,693
	\$6,880,730	\$11,530,142
Receivables:		
Employee contributions	239,937	226,357
Employer contributions	320,081	293,810
Securities sold	604,394	1,028,811
Accrued interest and dividends	364,797	370,037
Currency contract receivable	3,755,749	30,727,749
	\$5,284,958	\$32,646,764
Investments, at fair value:		
Fixed income	28,178,259	24,569,766
Equities	77,634,763	59,418,375
Private markets	26,882,097	21,495,270
Marketable alternatives	27,868,775	25,066,321
Security lending collateral	7,493,928	8,853,887
	\$168,057,822	\$139,403,619
Capital assets, at cost, net of accumulated depreciation	43,178	49,581
Total Assets:	\$180,266,688	\$183,630,106
Liabilities		
Payables:		
Benefits and refunds payable	0	33,050
Securities Purchased	808,835	2,203,134
Administrative and consulting fees payable	562,575	394,459
Currency contract payable	3,773,998	30,831,853
Securities lending collateral	7,493,928	8,853,887
Total Liabilities:	\$12,639,336	\$42,316,383
Net Position held in trust for pension benefits	\$167,627,352	\$141,313,723

Supplementary Information

Statement of Changes in Fiduciary Net Position

Paid Firemen's Pension Plan B		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	2,707,081	2,585,185
Employer	3,515,953	3,356,417
Other	80,631	236,817
	\$6,303,665	\$6,178,419
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	24,554,117	(6,706,176)
Interest and dividends Employee Contributions	2,556,135	2,534,995
Total investing activity:	\$27,110,252	\$(4,171,181)
Investing activity expenses:		
Investment advisor or contractor fees	(1,023,217)	(1,058,912)
Net income/(loss) from investing activities:	\$26,087,035	\$(5,230,093)
Securities lending activities:		
Securities lending gross income	250,015	226,861
Securities lending expenses:		
Broker rebates	(221,712)	(188,889)
Agent fees	(4,239)	(5,688)
Total securities lending expenses:	\$(225,951)	\$(194,577)
Net income from securities lending activities:	24,064	32,284
Total investment income/(loss)	\$26,111,099	\$(5,197,809)
Total Additions (deletions):	\$32,414,764	\$980,610
Deductions		
Benefits paid / Distributions	5,921,008	5,474,014
Refunds	35,091	64,091
Administrative expenses	137,304	140,827
Administrative expenses: fund specific	1,330	95
Depreciation expense	6,402	5,708
Total Deductions:	\$6,101,135	\$5,684,735
Net increase/(decrease) in Net Position	26,313,629	(4,704,125)
Net position held in trust for pension benefits:		
Beginning of year	141,313,723	146,017,848
End of year	\$167,627,352	\$141,313,723



Judicial Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Judicial Pension Plan:

		2019		2018	
Total Contributions		\$1,734,922		\$1,571,258	
Net Pension Liability (Asset)		(\$865,959)		\$2,832,019	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
742	Judicial	\$1,735,032	1.000063403	\$1,570,971	0.999817344
*	Adjustment	\$(110)	-0.000063403	\$287	0.000182656
Total:		\$1,734,922	100%	\$1,571,258	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Judicial Pension Plan
As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$129,635	\$1,257,235	\$-	\$1,386,870

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$679,098	\$-	\$1,402,949	\$2,082,047	\$929,531	\$(865,959)

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Judicial Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$1,529,896	\$1,509,964	\$1,470,668
Interest on the Total Pension Liability	2,168,200	2,037,989	1,880,909
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(112,158)	183,937	(620,955)
Assumption Changes	-	-	2,258,668
Benefit Payments	(1,720,417)	(1,454,953)	(1,166,423)
Refunds	-	-	-
Net Change in Total Pension Liability	\$1,865,521	\$2,276,937	\$3,822,867
Total Pension Liability - Beginning	\$31,180,091	\$28,903,154	\$25,080,287
Total Pension Liability - Ending (a)	\$33,045,612	\$31,180,091	\$28,903,154
Plan Fiduciary Net Position			
Employer Contributions	\$1,060,477	\$960,478	\$949,300
Employee Contributions	1,028,339	610,818	603,602
Pension Plan Net Investment Income	5,224,148	(1,038,644)	3,549,526
Benefit Payments	(1,720,417)	(1,454,953)	(1,166,423)
Refunds	-	-	-
Pension Plan Administrative Expense	(27,764)	(28,405)	(25,315)
Other	(1,284)	(1,146)	(2,313)
Net Change in Plan Fiduciary Net Position	\$5,563,499	\$(951,852)	\$3,908,377
Plan Fiduciary Net Position - Beginning	\$28,348,072	\$29,299,924	\$25,391,547
Plan Fiduciary Net Position - Ending (b)	\$33,911,571	\$28,348,072	\$29,299,924
Net Pension Liability - Ending (a) - (b)	\$(865,959)	\$2,832,019	\$(396,770)
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	102.62%	90.92%	101.37%
Covered Payroll	\$6,602,303	\$6,558,029	\$6,386,001
Projected Valuation Payroll	\$6,866,395	\$6,820,351	\$6,641,441
Net Pension Liability as a Percentage of Covered Payroll	-13.12%	43.18%	-6.21%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Judicial Pension Plan (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$1,263,270	\$1,263,278	\$1,186,595
Interest on the Total Pension Liability	1,793,779	1,659,184	1,539,910
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(229,282)	(372,108)	-
Assumption Changes	-	-	-
Benefit Payments	(981,321)	(931,621)	(775,805)
Refunds	-	-	-
Net Change in Total Pension Liability	\$1,846,446	\$1,618,733	\$1,950,700
Total Pension Liability - Beginning	\$23,233,841	\$21,615,108	\$19,664,408
Total Pension Liability - Ending (a)	\$25,080,287	\$23,233,841	\$21,615,108
Plan Fiduciary Net Position			
Employer Contributions	\$925,971	\$920,867	\$916,598
Employee Contributions	588,791	585,545	582,831
Pension Plan Net Investment Income	1,679,033	(228,304)	1,038,134
Benefit Payments	(981,321)	(931,621)	(775,805)
Refunds	-	-	-
Pension Plan Administrative Expense	(22,090)	(17,833)	(17,177)
Other	(1,128)	(1,072)	(244)
Net Change in Plan Fiduciary Net Position	\$2,189,256	\$327,582	\$1,744,337
Plan Fiduciary Net Position - Beginning	\$23,202,291	\$22,874,709	\$21,130,312
Plan Fiduciary Net Position - Ending (b)	\$25,391,547	\$23,202,291	\$22,874,709
Net Pension Liability - Ending (a) - (b)	\$(311,260)	\$31,550	\$(1,259,601)
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	101.24%	99.86%	105.83%
Covered Payroll	\$6,384,628	\$6,363,028	\$5,989,181
Projected Valuation Payroll	\$6,624,052	\$6,601,641	\$6,213,775
Net Pension Liability as a Percentage of Covered Payroll	-4.88%	0.50%	-21.03%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Judicial Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$1,529,896
2. Interest on the Total Pension Liability	2,168,200
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(1,028,339)
5. Projected Earnings on Plan Investments (made negative for addition here)	(1,996,041)
6. Pension Plan Administrative	27,764
7. Other Changes in Plan Fiduciary Net Position	1,284
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	173,465
9. Recognition of Outflow (Inflow) of Resources due to Assets	53,302
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 *	-
11. Total Pension Expense	\$929,531

* In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Judicial Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$(112,158)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	6.6532
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	(16,858)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	-
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(16,858)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	(95,300)
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	(95,300)
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(3,228,107)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(645,621)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(2,582,486)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Judicial Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	7.9046	7.7907	7.3715	6.7663	6.7746	6.6532		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$(372,108)	\$(229,282)	\$(620,955)	\$183,937	\$(112,158)		
2014	-	-	-	-	-	-	-	-
2015	-	(47,763)	-	-	-	-	(47,763)	
2016	-	(47,763)	(31,104)	-	-	-	(78,867)	
2017	-	(47,763)	(31,104)	(91,772)	-	-	(170,639)	
2018	-	(47,763)	(31,104)	(91,772)	27,151	-	(143,488)	
2019	-	(47,763)	(31,104)	(91,772)	27,151	(16,858)	(160,346)	(\$549,463)
2020	-	(47,763)	(31,104)	(91,772)	27,151	(16,858)	(160,346)	
2021	-	(47,763)	(31,104)	(91,772)	27,151	(16,858)	(160,346)	
2022	-	(37,767)	(31,104)	(91,772)	27,151	(16,858)	(150,350)	
2023	-	-	(11,554)	(70,323)	27,151	(16,858)	(71,584)	
2024	-	-	-	-	21,031	(16,858)	4,173	
Thereafter	-	-	-	-	-	(11,010)	(11,010)	
	\$-	\$(372,108)	\$(229,282)	\$(620,955)	\$183,937	\$(112,158)	\$(1,150,566)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.9046	7.7907	7.3715	6.7663	6.7746	6.6532		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$-	\$-	\$2,258,668	\$-	\$-		
2014	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-
2017	-	-	-	333,811	-	-	333,811	
2018	-	-	-	333,811	-	-	333,811	
2019	-	-	-	333,811	-	-	333,811	\$1,257,235
2020	-	-	-	333,811	-	-	333,811	
2021	-	-	-	333,811	-	-	333,811	
2022	-	-	-	333,811	-	-	333,811	
2023	-	-	-	255,802	-	-	255,802	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$-	\$-	\$2,258,668	\$-	\$-	\$2,258,668	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Judicial Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$626,833	\$2,022,635	\$138,916	\$(1,759,558)	\$3,092,625	\$(3,228,107)		
2014	125,367	-	-	-	-	-	125,367	
2015	125,367	404,527	-	-	-	-	529,894	
2016	125,367	404,527	27,783	-	-	-	557,677	
2017	125,367	404,527	27,783	(351,912)	-	-	205,765	
2018	125,365	404,527	27,783	(351,912)	618,525	-	824,288	
2019	-	404,527	27,783	(351,912)	618,525	(645,621)	53,302	(\$1,402,949)
2020	-	-	27,784	(351,912)	618,525	(645,621)	(351,224)	
2021	-	-	-	(351,910)	618,525	(645,621)	(379,006)	
2022	-	-	-	-	618,525	(645,621)	(27,096)	
2023	-	-	-	-	-	(645,623)	(645,623)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$626,833	\$2,022,635	\$138,916	\$(1,759,558)	\$3,092,625	\$(3,228,107)	\$893,344	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$626,833	\$1,650,527	\$(90,366)	\$(121,845)	\$3,276,562	\$(3,340,265)		
2014	125,367	-	-	-	-	-	125,367	
2015	125,367	356,764	-	-	-	-	482,131	
2016	125,367	356,764	(3,321)	-	-	-	478,810	
2017	125,367	356,764	(3,321)	(109,873)	-	-	368,937	
2018	125,365	356,764	(3,321)	(109,873)	645,676	-	1,014,611	
2019	-	356,764	(3,321)	(109,873)	645,676	(662,479)	226,767	(\$695,177)
2020	-	(47,763)	(3,320)	(109,873)	645,676	(662,479)	(177,759)	
2021	-	(47,763)	(31,104)	(109,871)	645,676	(662,479)	(205,541)	
2022	-	(37,767)	(31,104)	242,039	645,676	(662,479)	156,365	
2023	-	-	(11,554)	185,479	27,151	(662,481)	(461,405)	
2024	-	-	-	-	21,031	(16,858)	4,173	
Thereafter	-	-	-	-	-	(11,010)	(11,010)	
	\$626,833	\$1,650,527	\$(90,366)	\$(121,845)	\$3,276,562	\$(3,340,265)	\$2,001,446	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Judicial Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	360,962	187,497	173,465
2. Due to Assets	1,050,835	997,533	53,302
3. Total	\$1,411,797	\$1,185,030	\$226,767

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	27,151	187,497	(160,346)
2. Assumption Changes	333,811	-	333,811
3. Net Difference between projected and actual earnings on pension plan investments	1,050,835	997,533	53,302
4. Total	\$1,411,797	\$1,185,030	\$226,767

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	129,635	679,098	(549,463)
2. Assumption Changes	1,257,235	-	1,257,235
3. Net Difference between projected and actual earnings on pension plan investments	-	1,402,949	(1,402,949)
4. Total	\$1,386,870	\$2,082,047	\$(695,177)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses

	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(177,759)
	2021	(205,541)
	2022	156,365
	2023	(461,405)
	2024	4,173
	Thereafter	(11,010)
	Total:	\$(695,177)

Supplementary Information

Statement of Fiduciary Net Position

Judicial Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	902,631	338,034
Domestic liquidity - outside banks	1,036,911	2,097,170
	\$1,939,542	\$2,435,204
Receivables:		
Employee contributions	-	110
Employer contributions	-	38
Securities sold	120,631	206,198
Accrued interest and dividends	74,878	74,398
Currency contract receivable	749,611	6,158,564
	\$945,120	\$6,439,308
Investments, at fair value:		
Fixed income	5,624,106	4,924,359
Equities	15,495,143	11,908,840
Private markets	5,365,405	4,308,158
Marketable alternatives	5,562,336	5,023,880
Security lending collateral	1,495,715	1,774,527
	\$33,542,705	\$27,939,764
Capital assets, at cost, net of accumulated depreciation	7,095	8,379
Total Assets:	\$36,434,462	\$36,822,655
Liabilities		
Payables:		
Securities Purchased	161,436	441,560
Administrative and consulting fees payable	112,487	79,067
Currency contract payable	753,253	6,179,429
Securities lending collateral	1,495,715	1,774,527
Total Liabilities:	\$2,522,891	\$8,474,583
Net Position held in trust for pension benefits	\$33,911,571	\$28,348,072

Supplementary Information

Statement of Changes in Fiduciary Net Position

Judicial Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	674,477	610,818
Employer	1,060,445	960,440
Other	353,894	38
	\$2,088,816	\$1,571,296
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	4,904,270	(1,343,427)
Interest and dividends Employee Contributions	519,128	509,757
Total investing activity:	\$5,423,398	\$(833,670)
Investing activity expenses:		
Investment advisor or contractor fees	(204,053)	(211,405)
Net income/(loss) from investing activities:	\$5,219,345	\$(1,045,075)
Securities lending activities:		
Securities lending gross income	49,900	45,210
Securities lending expenses:		
Broker rebates	(44,251)	(37,646)
Agent fees	(846)	(1,133)
Total securities lending expenses:	\$(45,097)	\$(38,779)
Net income from securities lending activities:	4,803	6,431
Total investment income/(loss)	\$5,224,148	\$(1,038,644)
Total Additions (deletions):	\$7,312,964	\$532,652
Deductions		
Benefits paid / Distributions	1,720,417	1,454,953
Administrative expenses	27,764	28,405
Depreciation expense	1,284	1,145
Total Deductions:	\$1,749,465	\$1,484,503
Net increase/(decrease) in Net Position	5,563,499	(951,851)
Net position held in trust for pension benefits:		
Beginning of year	28,348,072	29,299,923
End of year	\$33,911,571	\$28,348,072



Law Enforcement Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Law Enforcement Pension Plan:

		2019		2018	
Total Contributions		\$27,736,975		\$26,953,744	
Net Pension Liability		\$86,198,721		\$242,072,258	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
20	Albany County	\$421,733	0.015204712	\$384,598	0.014268815
22	Big Horn County	\$314,231	0.011328940	\$279,149	0.010356595
24	Campbell County	\$1,319,547	0.047573586	\$1,278,170	0.047420870
26	Carbon County	\$410,499	0.014799690	\$387,407	0.014373031
805	City of Buffalo	\$171,948	0.006199233	\$158,153	0.005867571
808	City of Casper	\$1,389,462	0.050094210	\$1,271,207	0.047162539
809	City of Cheyenne	\$1,378,041	0.049682464	\$1,327,661	0.049257016
813	City of Cody	\$234,743	0.008463188	\$228,851	0.008490509
820	City of Douglas	\$177,443	0.006397338	\$206,616	0.007665577
827	City of Evanston	\$293,442	0.010579468	\$253,091	0.009389827
831	City of Gillette	\$740,510	0.026697568	\$760,624	0.028219605
835	City of Green River	\$335,425	0.012093072	\$303,196	0.011248753
844	City of Kemmerer	\$53,657	0.001934506	\$49,544	0.001838112
847	City of Lander	\$170,587	0.006150155	\$161,691	0.005998833
848	City of Laramie	\$633,071	0.022824080	\$641,206	0.023789126
860	City of Newcastle	\$112,507	0.004056226	\$116,671	0.004328564
865	City of Powell	\$222,568	0.008024246	\$217,852	0.008082439
867	City of Rawlins	\$216,023	0.007788271	\$214,563	0.007960415
870	City of Riverton	\$325,464	0.011733947	\$319,430	0.011851044
872	City of Rock Springs	\$556,077	0.020048219	\$580,670	0.021543204
874	City of Sheridan	\$355,412	0.012813658	\$337,619	0.012525867
878	City of Sundance	\$33,061	0.001191957	\$31,580	0.001171637
882	City of Torrington	\$206,119	0.007431185	\$185,470	0.006881048
887	City of Worland	\$105,110	0.003789538	\$103,096	0.003824923
28	Converse County	\$529,040	0.019073475	\$487,957	0.018103496
30	Crook County	\$173,215	0.006244920	\$161,684	0.005998573
32	Fremont County	\$655,652	0.023638190	\$651,073	0.024155197
34	Goshen County	\$173,031	0.006238274	\$181,087	0.006718436
36	Hot Springs County	\$87,322	0.003148227	\$84,512	0.003135446
38	Johnson County	\$288,018	0.010383892	\$288,985	0.010721516
40	Laramie County	\$1,562,895	0.056347000	\$1,522,486	0.056485140
42	Lincoln County	\$428,383	0.015444485	\$407,983	0.015136413
44	Natrona County	\$1,288,093	0.046439567	\$1,254,530	0.046543812
909	Northern Wyoming Community College District	\$20,200	0.000728282	\$-	0.000000000
50	Park County	\$472,404	0.017031568	\$455,691	0.016906408
52	Platte County	\$207,169	0.007469059	\$207,964	0.007715589
54	Sheridan County	\$334,821	0.012071293	\$310,630	0.011524559
748	State of Wyoming - Law	\$6,450,275	0.232551507	\$6,369,785	0.236322828
56	Sublette County	\$855,397	0.030839589	\$843,286	0.031286414

Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Law Enforcement Pension Plan:					
		2019		2018	
Total Contributions		\$27,736,975		\$26,953,744	
Net Pension Liability		\$86,198,721		\$242,072,258	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
58	Sweetwater County	\$763,890	0.027540487	\$748,912	0.027785082
82	Sweetwater County Combined Communications Joint Powers Board	\$226,680	0.008172469	\$216,053	0.008015695
60	Teton County	\$623,125	0.022465514	\$603,363	0.022385128
800	Town of Afton	\$37,670	0.001358130	\$38,338	0.001422363
802	Town of Baggs	\$590	0.000021282	\$-	0.000000000
799	Town of Bairoil	\$2,297	0.000082825	\$8,341	0.000309456
803	Town of Basin	\$32,776	0.001181680	\$31,056	0.001152196
807	Town of Byron	\$2,254	0.000081266	\$9,406	0.000348968
814	Town of Cokeville	\$17,828	0.000642760	\$16,784	0.000622696
815	Town of Cowley	\$3,126	0.000112700	\$7,020	0.000260446
817	Town of Deaver	\$-	0.000000000	\$3,784	0.000140389
818	Town of Diamondville	\$18,986	0.000684501	\$23,410	0.000868525
826	Town of Encampment	\$8,463	0.000305126	\$10,295	0.000381951
828	Town of Evansville	\$120,486	0.004343880	\$97,456	0.003615676
833	Town of Glenrock	\$137,973	0.004974332	\$123,469	0.004580774
836	Town of Greybull	\$47,386	0.001708408	\$43,276	0.001605565
837	Town of Guernsey	\$46,684	0.001683109	\$38,863	0.001441841
838	Town of Hanna	\$14,998	0.000540724	\$16,707	0.000619840
841	Town of Hulett	\$6,673	0.000240590	\$8,106	0.000300737
842	Town of Jackson	\$386,999	0.013952451	\$358,615	0.013304831
843	Town of Kaycee	\$-	0.000000000	\$1,757	0.000065186
849	Town of Lingle	\$10,974	0.000395662	\$10,718	0.000397644
851	Town of Lovell	\$75,151	0.002709428	\$73,494	0.002726671
852	Town of Lusk	\$47,964	0.001729253	\$45,660	0.001694013
853	Town of Lyman	\$38,350	0.001382627	\$37,082	0.001375764
892	Town of Midwest	\$10,124	0.000365010	\$9,774	0.000362621
858	Town of Mills	\$168,042	0.006058402	\$158,590	0.005883784
861	Town of Moorcroft	\$31,327	0.001129435	\$31,239	0.001158986
859	Town of Mountain View	\$27,498	0.000991384	\$20,429	0.000757928
863	Town of Pine Bluffs	\$31,559	0.001137794	\$30,182	0.001119770
873	Town of Saratoga	\$71,681	0.002584295	\$73,259	0.002717953
875	Town of Shoshoni	\$16,380	0.000590565	\$12,624	0.000468358
876	Town of Sinclair	\$13,437	0.000484440	\$12,932	0.000479785
881	Town of Thermopolis	\$93,708	0.003378464	\$97,461	0.003615861
883	Town of Upton	\$29,767	0.001073170	\$28,462	0.001055957
886	Town of Wheatland	\$73,938	0.002665675	\$74,477	0.002763141
62	Uinta County	\$385,540	0.013899863	\$368,704	0.013679139
900	University of Wyoming	\$150,549	0.005427748	\$146,696	0.005442509
64	Washakie County	\$150,903	0.005440494	\$143,253	0.005314772

Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Years Ended December 31, 2019 and 2018

Law Enforcement Pension Plan:					
		2019		2018	
Total Contributions		\$27,736,975		\$26,953,744	
Net Pension Liability		\$86,198,721		\$242,072,258	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
66	Weston County	\$102,021	0.003678153	\$99,800	0.003702640
*	Adjustment	\$6,577	0.000237120	\$48,129	0.001785615
Total:		\$27,736,975	100%	\$26,953,744	100%

For the Fiscal Year Ended December 31, 2019 and 2018

Law Enforcement Pension Plan:					
Separated by State Agencies					
		2019		2018	
Total Contributions		\$6,450,275		\$6,369,785	
Net Pension Liability		\$20,045,642		\$57,207,201	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
606	Attorney General	\$138,086	0.021407750	\$134,511	0.021117039
703	Board of Outfitters	\$11,241	0.001742734	\$9,064	0.001422967
612	Department of Corrections	\$5,953,074	0.922917771	\$5,888,217	0.924398076
638	Department of Transportation	\$337,155	0.052269798	\$329,358	0.051706297
666	Livestock Board	\$10,720	0.001661944	\$8,635	0.001355618
Total:		\$6,450,275	100%	\$6,369,785	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Law Enforcement Pension Plan

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$15,335,702	\$71,779,868	\$-	\$87,115,570

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability(Asset)
\$7,193,527	\$86,061,405	\$30,809,663	\$124,064,595	\$27,840,103	\$86,198,721

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Law Enforcement Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$22,866,557	\$26,657,347	\$23,241,982
Interest on the Total Pension Liability	51,970,908	47,238,165	47,200,725
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	19,861,777	(7,328,715)	(6,691,047)
Assumption Changes	(111,460,988)	94,255,216	51,421,521
Benefit Payments	(34,850,971)	(32,013,552)	(29,621,411)
Refunds	(2,425,983)	(3,970,912)	(4,041,082)
Net Change in Total Pension Liability	\$(54,038,700)	\$124,837,549	\$81,510,688
Total Pension Liability - Beginning	\$841,124,096	\$716,286,547	\$634,775,859
Total Pension Liability - Ending (a)	\$787,085,396	\$841,124,096	\$716,286,547
Plan Fiduciary Net Position			
Employer Contributions	\$14,270,844	\$13,781,011	\$13,614,406
Employee Contributions	14,671,686	13,846,377	13,691,494
Pension Plan Net Investment Income	110,793,173	(22,169,139)	77,946,645
Benefit Payments	(34,850,971)	(32,013,552)	(29,621,411)
Refunds	(2,425,983)	(3,970,912)	(4,041,082)
Pension Plan Administrative Expense	(596,769)	(639,428)	(580,221)
Other	(27,143)	(24,638)	(51,644)
Net Change in Plan Fiduciary Net Positon	\$101,834,837	\$(31,190,281)	\$70,958,187
Plan Fiduciary Net Position - Beginning	\$599,051,838	\$630,242,119	\$559,283,932
Plan Fiduciary Net Position - Ending (b)	\$700,886,675	\$599,051,838	\$630,242,119
Net Pension Liability - Ending (a) - (b)	\$86,198,721	\$242,072,258	\$86,044,428
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	89.05%	71.22%	87.99%
Covered Payroll	\$155,851,473	\$151,898,695	\$153,547,078
Projected Valuation Payroll	\$159,747,760	\$155,696,162	\$160,072,828
Net Pension Liability as a Percentage of Covered Payroll	55.31%	159.36%	56.04%

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Law Enforcement Pension Plan (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$23,339,214	\$22,790,835	\$22,432,708
Interest on the Total Pension Liability	45,945,359	43,444,727	40,636,242
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	(3,501,453)	1,710,375	-
Assumption Changes	-	-	-
Benefit Payments	(27,873,802)	(25,459,574)	(23,209,837)
Refunds	(3,491,089)	(4,659,711)	(4,110,605)
Net Change in Total Pension Liability	\$34,418,229	\$37,826,652	\$35,748,508
Total Pension Liability - Beginning	\$600,357,630	\$562,530,978	\$526,782,470
Total Pension Liability - Ending (a)	\$634,775,859	\$600,357,630	\$562,530,978
Plan Fiduciary Net Position			
Employer Contributions	\$13,730,305	\$12,706,883	\$13,308,281
Employee Contributions	14,442,190	15,397,475	13,314,132
Pension Plan Net Investment Income	37,782,650	(5,371,824)	24,853,352
Benefit Payments	(27,873,802)	(25,459,574)	(23,209,837)
Refunds	(3,491,089)	(4,659,711)	(4,110,605)
Pension Plan Administrative Expense	(518,486)	(417,893)	(408,470)
Other	(25,522)	(24,983)	797,291
Net Change in Plan Fiduciary Net Position	\$34,046,246	\$(7,829,627)	\$24,544,144
Plan Fiduciary Net Position - Beginning	\$525,237,686	\$533,067,313	\$508,523,169
Plan Fiduciary Net Position - Ending (b)	\$559,283,932	\$525,237,686	\$533,067,313
Net Pension Liability - Ending (a) - (b)	\$75,491,927	\$75,119,944	\$29,463,665
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	88.11%	87.49%	94.76%
Covered Payroll	\$154,779,198	\$150,399,739	\$147,790,833
Projected Valuation Payroll	\$161,357,314	\$156,791,728	\$154,071,943
Net Pension Liability as a Percentage of Covered Payroll	48.77%	49.95%	19.94%

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Law Enforcement Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$22,866,557
2. Interest on the Total Pension Liability	51,970,908
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(14,671,686)
5. Projected Earnings on Plan Investments (made negative for addition here)	(41,625,390)
6. Pension Plan Administrative	596,769
7. Other Changes in Plan Fiduciary Net Position	27,143
8. Recognition of Outflow (Inflow) of Resources due to Liabilities*	7,248,937
9. Recognition of Outflow (Inflow) of Resources due to Assets	1,426,865
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 **	-
11. Total Pension Expense	\$27,840,103

* Includes change in the blended single discount rate from 5.92% to 7.00%

** In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Law Enforcement Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$19,861,777
2. Assumption Changes (gains) or losses	(111,460,988)
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.3883
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	4,526,075
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	(25,399,583)
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(20,873,508)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	15,335,702
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	(86,061,405)
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	(70,725,703)
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(69,167,783)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(13,833,557)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(55,334,226)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Law Enforcement Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	5.2360	4.9669	4.8650	4.7436	4.5560	4.3883		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$1,710,375	\$(3,501,453)	\$(6,691,047)	\$(7,328,715)	\$19,861,777		
2014	-	-	-	-	-	-	-	-
2015	-	344,355	-	-	-	-	344,355	
2016	-	344,355	(719,723)	-	-	-	(375,368)	
2017	-	344,355	(719,723)	(1,410,542)	-	-	(1,785,910)	
2018	-	344,355	(719,723)	(1,410,542)	(1,608,585)	-	(3,394,495)	
2019	-	332,955	(719,723)	(1,410,542)	(1,608,585)	4,526,075	1,120,180	\$8,142,175
2020	-	-	(622,561)	(1,410,542)	(1,608,585)	4,526,075	884,387	
2021	-	-	-	(1,048,879)	(1,608,585)	4,526,075	1,868,611	
2022	-	-	-	-	(894,375)	4,526,075	3,631,700	
2023	-	-	-	-	-	1,757,477	1,757,477	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$1,710,375	\$(3,501,453)	\$(6,691,047)	\$(7,328,715)	\$19,861,777	\$4,050,937	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	5.2360	4.9669	4.8650	4.7436	4.5560	4.3883		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$-	\$-	\$51,421,521	\$94,255,216	\$(111,460,988)		
2014	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-
2017	-	-	-	10,840,189	-	-	10,840,189	
2018	-	-	-	10,840,189	20,688,151	-	31,528,340	
2019	-	-	-	10,840,189	20,688,151	(25,399,583)	6,128,757	(\$14,281,537)
2020	-	-	-	10,840,189	20,688,151	(25,399,583)	6,128,757	
2021	-	-	-	8,060,765	20,688,151	(25,399,583)	3,349,333	
2022	-	-	-	-	11,502,612	(25,399,583)	(13,896,971)	
2023	-	-	-	-	-	(9,862,656)	(9,862,656)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$-	\$-	\$51,421,521	\$94,255,216	\$(111,460,988)	\$34,215,749	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Law Enforcement Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$14,545,212	\$46,589,301	\$2,778,485	\$(39,041,366)	\$65,975,687	\$(69,167,783)		
2014	2,909,042	-	-	-	-	-	2,909,042	
2015	2,909,042	9,317,860	-	-	-	-	12,226,902	
2016	2,909,042	9,317,860	555,697	-	-	-	12,782,599	
2017	2,909,042	9,317,860	555,697	(7,808,273)	-	-	4,974,326	
2018	2,909,044	9,317,860	555,697	(7,808,273)	13,195,137	-	18,169,465	
2019	-	9,317,861	555,697	(7,808,273)	13,195,137	(13,833,557)	1,426,865	(\$30,809,663)
2020	-	-	555,697	(7,808,273)	13,195,137	(13,833,557)	(7,890,996)	
2021	-	-	-	(7,808,274)	13,195,137	(13,833,557)	(8,446,694)	
2022	-	-	-	-	13,195,139	(13,833,557)	(638,418)	
2023	-	-	-	-	-	(13,833,555)	(13,833,555)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$14,545,212	\$46,589,301	\$2,778,485	\$(39,041,366)	\$65,975,687	\$(69,167,783)	\$21,679,536	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$14,545,212	\$48,299,676	\$(722,968)	\$5,689,108	\$152,902,188	\$(160,766,994)		
2014	2,909,042	-	-	-	-	-	2,909,042	
2015	2,909,042	9,662,215	-	-	-	-	12,571,257	
2016	2,909,042	9,662,215	(164,026)	-	-	-	12,407,231	
2017	2,909,042	9,662,215	(164,026)	1,621,374	-	-	14,028,605	
2018	2,909,044	9,662,215	(164,026)	1,621,374	32,274,703	-	46,303,310	
2019	-	9,650,816	(164,026)	1,621,374	32,274,703	(34,707,065)	8,675,802	(\$36,949,025)
2020	-	-	(66,864)	1,621,374	32,274,703	(34,707,065)	(877,852)	
2021	-	-	-	(796,388)	32,274,703	(34,707,065)	(3,228,750)	
2022	-	-	-	-	23,803,376	(34,707,065)	(10,903,689)	
2023	-	-	-	-	-	(21,938,734)	(21,938,734)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$14,545,212	\$48,299,676	\$(722,968)	\$5,689,108	\$152,902,188	\$(160,766,994)	\$59,946,222	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Law Enforcement Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	36,387,370	29,138,433	7,248,937
2. Due to Assets	23,068,695	21,641,830	1,426,865
3. Total	\$59,456,065	\$50,780,263	\$8,675,802

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	4,859,030	3,738,850	1,120,180
2. Assumption Changes	31,528,340	25,399,583	6,128,757
3. Net Difference between projected and actual earnings on pension plan investments	23,068,695	21,641,830	1,426,865
4. Total	\$59,456,065	\$50,780,263	\$8,675,802

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	15,335,702	7,193,527	8,142,175
2. Assumption Changes	71,779,868	86,061,405	(14,281,537)
3. Net Difference between projected and actual earnings on pension plan investments	-	30,809,663	(30,809,663)
4. Total	\$87,115,570	\$124,064,595	\$(36,949,025)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses

	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	(877,852)
	2021	(3,228,750)
	2022	(10,903,689)
	2023	(21,938,734)
	2024	-
	Thereafter	-
	Total:	\$(36,949,025)

Supplementary Information

Statement of Fiduciary Net Position

Law Enforcement Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	2,068,756	1,321,676
Domestic liquidity - outside banks	21,901,969	44,623,938
	\$23,970,725	\$45,945,614
Receivables:		
Employee contributions	856,434	871,911
Employer contributions	877,611	872,025
Securities sold	2,548,009	4,387,517
Accrued interest and dividends	1,534,470	1,573,466
Currency contract receivable	15,833,527	131,042,949
Other	27,155	22,863
	\$21,677,206	\$138,770,731
Investments, at fair value:		
Fixed income	118,794,213	104,781,337
Equities	327,293,477	253,398,295
Private markets	113,329,839	91,669,700
Marketable alternatives	117,489,484	106,898,970
Security lending collateral	31,592,984	37,758,687
	\$708,499,997	\$594,506,989
Capital assets, at cost, net of accumulated depreciation	187,849	214,992
Total Assets:	\$754,335,777	\$779,438,326
Liabilities		
Payables:		
Benefits and refunds payable	157,655	59,470
Securities Purchased	3,409,894	9,395,584
Administrative and consulting fees payable	2,378,106	1,685,830
Currency contract payable	15,910,463	131,486,917
Securities lending collateral	31,592,984	37,758,687
Total Liabilities:	\$53,449,102	\$180,386,488
Net Position held in trust for pension benefits	\$700,886,675	\$599,051,838

Supplementary Information

Statement of Changes in Fiduciary Net Position

Law Enforcement Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	13,880,776	13,482,246
Employer	13,856,199	13,471,498
Other	1,205,555	673,644
	\$28,942,530	\$27,627,388
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	104,249,885	(28,621,534)
Interest and dividends Employee Contributions	10,766,989	10,850,973
Total investing activity:	\$115,016,874	\$(17,770,561)
Investing activity expenses:		
Investment advisor or contractor fees	(4,325,737)	(4,537,522)
Net income/(loss) from investing activities:	\$110,691,137	\$(22,308,083)
Securities lending activities:		
Securities lending gross income	1,060,501	975,475
Securities lending expenses:		
Broker rebates	(940,493)	(812,051)
Agent fees	(17,972)	(24,480)
Total securities lending expenses:	\$(958,465)	\$(836,531)
Net income from securities lending activities:	102,036	138,944
Total investment income/(loss)	\$110,793,173	\$(22,169,139)
Total Additions (deletions):	\$139,735,703	\$5,458,249
Deductions		
Benefits paid / Distributions	34,850,971	32,013,552
Refunds	2,425,983	3,970,912
Administrative expenses	578,714	606,178
Administrative expenses: fund specific	18,055	33,250
Depreciation expense	27,143	24,638
Total Deductions:	\$37,900,866	\$36,648,530
Net increase/(decrease) in Net Position	101,834,837	(31,190,281)
Net position held in trust for pension benefits:		
Beginning of year	599,051,838	630,242,119
End of year	\$700,886,675	\$599,051,838



Air Guard Firefighter Pension Plan

2019 GASB 68 REPORT

Issued June 2020

Schedule of Employer Allocations and Collective Pension Amounts

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Schedule of Employer Allocations

For the Fiscal Years Ended December 31, 2019 and 2018

Air Guard Firefighter Pension Plan:

		2019		2018	
Total Contributions		\$528,083		\$532,745	
Net Pension Liability		\$925,842		\$1,803,981	
Employer Rain ID	Organization Name	Total Contributions	Employer proportional share of allocation	Total Contributions	Employer proportional share of allocation
744	Guard Firefighters	\$523,189	0.990732512	\$523,828	0.983262161
*	Adjustment	\$4,894	0.009267488	\$8,917	0.016737839
Total:		\$528,083	100%	\$532,745	100%

* Note: Adjustment reflects changes to contributions which occurred post year end.
See notes to the schedule of employer allocations and collective pension amounts.

Schedule of Collective Pension Amounts

Wyoming Retirement System - Air Guard Firefighter Pension Plan

As of and for the year ended December 31, 2019

Deferred Outflows of Resources			
Difference Between Expected and Actual Experience	Changes in Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$408,806	\$190,989	\$-	\$599,795

Deferred Inflows of Resources					
Difference Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2019 Net Pension Liability
\$-	\$-	\$341,420	\$341,420	\$221,004	\$925,842

* Employer specific amounts that are excluded from this schedule are the changes in proportion as defined in paragraphs 54 and 55 of the GASB statement 68, Accounting and Financial Reporting for Pensions.

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear

Air Guard Firefighter Pension Plan			
Fiscal year ending December 31,	2019	2018	2017
Total Pension Liability			
Service Cost	\$317,202	\$294,146	\$272,169
Interest on the Total Pension Liability	624,153	599,634	563,514
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	1,751	161,615	272,060
Assumption Changes	-	-	311,427
Benefit Payments	(442,888)	(385,232)	(351,120)
Refunds	(69,971)	(213,647)	(39,723)
Net Change in Total Pension Liability	\$430,247	\$456,516	\$1,028,327
Total Pension Liability - Beginning	\$9,010,891	\$8,554,376	\$7,526,049
Total Pension Liability - Ending (a)	\$9,441,138	\$9,010,891	\$8,554,376
Plan Fiduciary Net Position			
Employer Contributions	\$158,176	\$159,583	\$156,263
Employee Contributions	369,907	445,101	367,485
Pension Plan Net Investment Income	1,300,461	(253,859)	902,109
Benefit Payments	(442,888)	(385,232)	(351,120)
Refunds	(69,971)	(213,647)	(39,723)
Pension Plan Administrative Expense	(6,972)	(7,141)	(6,431)
Other	(327)	(292)	(602)
Net Change in Plan Fiduciary Net Position	\$1,308,386	\$(255,487)	\$1,027,981
Plan Fiduciary Net Position - Beginning	\$7,206,910	\$7,462,397	\$6,434,416
Plan Fiduciary Net Position - Ending (b)	\$8,515,296	\$7,206,910	\$7,462,397
Net Pension Liability - Ending (a) - (b)	\$925,842	\$1,803,981	\$1,091,979
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	90.19%	79.98%	87.23%
Covered Payroll	\$2,341,404	\$2,154,544	\$1,975,631
Net Pension Liability as a Percentage of Covered Payroll	39.54%	83.73%	55.27%
Projected Valuation Payroll	\$2,399,940	\$2,208,407	\$2,059,595

Supplementary Information

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS - Multiyear (continued)

Air Guard Firefighter Pension Plan (continued)			
Fiscal year ending December 31,	2016	2015	2014
Total Pension Liability			
Service Cost	\$337,474	\$331,123	\$276,305
Interest on the Total Pension Liability	554,448	517,889	455,677
Benefit Changes	-	-	-
Difference between Expected and Actual Experience	65,370	201,096	-
Assumption Changes	-	-	-
Benefit Payments	(290,609)	(168,220)	(119,541)
Refunds	(411,989)	(20,849)	(6,886)
Net Change in Total Pension Liability	\$254,694	\$861,039	\$605,555
Total Pension Liability - Beginning	\$7,271,355	\$6,410,316	\$5,804,761
Total Pension Liability - Ending (a)	\$7,526,049	\$7,271,355	\$6,410,316
Plan Fiduciary Net Position			
Employer Contributions	\$136,768	\$158,319	\$142,437
Employee Contributions	376,685	405,026	335,763
Pension Plan Net Investment Income	431,043	(55,411)	260,772
Benefit Payments	(290,609)	(168,220)	(119,541)
Refunds	(411,989)	(20,849)	(6,886)
Pension Plan Administrative Expense	(5,731)	(4,637)	(4,312)
Other	(301)	(276)	1,085
Net Change in Plan Fiduciary Net Position	\$235,866	\$313,952	\$609,318
Plan Fiduciary Net Position - Beginning	\$6,198,550	\$5,884,598	\$5,275,280
Plan Fiduciary Net Position - Ending (b)	\$6,434,416	\$6,198,550	\$5,884,598
Net Pension Liability - Ending (a) - (b)	\$1,091,633	\$1,072,805	\$525,718
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	85.50%	85.25%	91.80%
Covered Payroll	\$2,151,997	\$2,124,296	\$1,731,731
Net Pension Liability as a Percentage of Covered Payroll	50.73%	50.50%	30.36%
Projected Valuation Payroll	\$2,243,456	\$22,414,578	\$1,805,329

Note: Information not available prior to 2014

Supplementary Information

Pension Expense

Air Guard Firefighter Pension Plan	
Fiscal year ending December 31,	2019
A. Expense	
1. Service Cost	\$317,202
2. Interest on the Total Pension Liability	624,153
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(369,907)
5. Projected Earnings on Plan Investments (made negative for addition here)	(504,756)
6. Pension Plan Administrative	6,972
7. Other Changes in Plan Fiduciary Net Position	327
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	126,867
9. Recognition of Outflow (Inflow) of Resources due to Assets	20,146
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2020 to June 30, 2020 *	-
11. Total Pension Expense	\$221,004

* In accordance with GASB 68, employers may need to illustrate contributions made after the measurement date.

Statement of Outflows and Inflows Arising from Current Reporting Period

Air Guard Firefighter Pension Plan	
Fiscal year ending December 31,	2019
A. Outflows (Inflows) of Resources due to Liabilities	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$1,751
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	8.0476
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the Difference between expected and actual experience of the Total Pension Liability	218
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	-
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	218
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the Difference between expected and actual experience of the Total Pension Liability	1,533
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	-
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	1,533
B. Outflows (Inflows) of Resources due to Assets	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$(795,705)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	(159,141)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	(636,564)

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2019

Difference between Expected and Actual Experience - Net (inflows)/outflows of resources

Recognition Period	7.6469	8.7180	8.3862	7.7574	7.8568	8.0476		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$201,096	\$65,370	\$272,060	\$161,615	\$1,751		
2014	-	-	-	-	-	-	-	-
2015	-	23,067	-	-	-	-	23,067	
2016	-	23,067	7,795	-	-	-	30,862	
2017	-	23,067	7,795	35,071	-	-	65,933	
2018	-	23,067	7,795	35,071	20,570	-	86,503	
2019	-	23,067	7,795	35,071	20,570	218	86,721	\$408,806
2020	-	23,067	7,795	35,071	20,570	218	86,721	
2021	-	23,067	7,795	35,071	20,570	218	86,721	
2022	-	23,067	7,795	35,071	20,570	218	86,721	
2023	-	16,560	7,795	35,071	20,570	218	80,214	
2024	-	-	3,010	26,563	20,570	218	50,361	
Thereafter	-	-	-	-	17,625	443	18,068	
	\$-	\$201,096	\$65,370	\$272,060	\$161,615	\$1,751	\$701,892	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.6469	8.7180	8.3862	7.7574	7.8568	8.0476		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$-	\$-	\$-	\$311,427	\$-	\$-		
2014	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-	-
2017	-	-	-	40,146	-	-	40,146	
2018	-	-	-	40,146	-	-	40,146	
2019	-	-	-	40,146	-	-	40,146	\$190,989
2020	-	-	-	40,146	-	-	40,146	
2021	-	-	-	40,146	-	-	40,146	
2022	-	-	-	40,146	-	-	40,146	
2023	-	-	-	40,146	-	-	40,146	
2024	-	-	-	30,405	-	-	30,405	
Thereafter	-	-	-	-	-	-	-	
	\$-	\$-	\$-	\$311,427	\$-	\$-	\$311,427	

Supplementary Information

History of Deferred Outflows and Inflows of Resources by Source

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2019

Net Difference between projected and actual earnings on pension plan investment - Net (inflows)/outflows of resources

Recognition Period	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$161,568	\$525,780	\$41,782	\$(447,294)	\$776,171	\$(795,705)		
2014	32,314	-	-	-	-	-	32,314	
2015	32,314	105,156	-	-	-	-	137,470	
2016	32,314	105,156	8,356	-	-	-	145,826	
2017	32,314	105,156	8,356	(89,459)	-	-	56,367	
2018	32,312	105,156	8,356	(89,459)	155,234	-	211,599	
2019	-	105,156	8,356	(89,459)	155,234	(159,141)	20,146	(\$341,420)
2020	-	-	8,358	(89,459)	155,234	(159,141)	(85,008)	
2021	-	-	-	(89,458)	155,234	(159,141)	(93,365)	
2022	-	-	-	-	155,235	(159,141)	(3,906)	
2023	-	-	-	-	-	(159,141)	(159,141)	
2024	-	-	-	-	-	-	-	
Thereafter	-	-	-	-	-	-	-	
	\$161,568	\$525,780	\$41,782	\$(447,294)	\$776,171	\$(795,705)	\$262,302	

Total Net Difference from all sources - Net (inflows)/outflows of resources

	2014	2015	2016	2017	2018	2019	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$161,568	\$726,876	\$107,152	\$136,193	\$937,786	\$(793,954)		
2014	32,314	-	-	-	-	-	32,314	
2015	32,314	128,223	-	-	-	-	160,537	
2016	32,314	128,223	16,151	-	-	-	176,688	
2017	32,314	128,223	16,151	(14,242)	-	-	162,446	
2018	32,312	128,223	16,151	(14,242)	175,804	-	338,248	
2019	-	128,223	16,151	(14,242)	175,804	(158,923)	147,013	\$258,375
2020	-	23,067	16,153	(14,242)	175,804	(158,923)	41,859	
2021	-	23,067	7,795	(14,241)	175,804	(158,923)	33,502	
2022	-	23,067	7,795	75,217	175,805	(158,923)	122,961	
2023	-	16,560	7,795	75,217	20,570	(158,923)	(38,781)	
2024	-	-	3,010	56,968	20,570	218	80,766	
Thereafter	-	-	-	-	17,625	443	18,068	
	\$161,568	\$726,876	\$107,152	\$136,193	\$937,786	\$(793,954)	\$1,275,621	

Supplementary Information

Statement of Outflows and Inflows arising from Current and Prior Reporting Periods

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2019

A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	126,867	-	126,867
2. Due to Assets	268,746	248,600	20,146
3. Total	\$395,613	\$248,600	\$147,013

B. Outflows (Inflows) of Resources by Source to be recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	86,721	-	86,721
2. Assumption Changes	40,146	-	40,146
3. Net Difference between projected and actual earnings on pension plan investments	268,746	248,600	20,146
4. Total	\$395,613	\$248,600	\$147,013

C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	408,806	-	408,806
2. Assumption Changes	190,989	-	190,989
3. Net Difference between projected and actual earnings on pension plan investments	-	341,420	(341,420)
4. Total	\$599,795	\$341,420	\$258,375

D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses

	Fiscal Year Ending Dec 31	Net Deferred Outflows of Resources
	2020	41,859
	2021	33,502
	2022	122,961
	2023	(38,781)
	2024	80,766
	Thereafter	18,068
	Total:	\$258,375

Supplementary Information

Statement of Fiduciary Net Position

Air Guard Firefighter Pension Plan		
Fiscal year ending December 31,	2019	2018
Assets		
Cash and cash equivalents:		
Cash with State Treasurer	344,617	132,216
Domestic liquidity - outside banks	256,515	529,692
	\$601,132	\$661,908
Receivables:		
Employee contributions	3,433	-
Employer contributions	1,468	6
Securities sold	29,842	52,080
Accrued interest and dividends	18,616	19,067
Currency contract receivable	185,441	1,555,496
	\$238,800	\$1,626,649
Investments, at fair value:		
Fixed income	1,391,310	1,243,767
Equities	3,833,239	3,007,869
Private markets	1,327,312	1,088,131
Marketable alternatives	1,376,029	1,268,904
Security lending collateral	370,015	448,200
	\$8,297,905	\$7,056,871
Capital assets, at cost, net of accumulated depreciation	1,616	1,943
Total Assets:	\$9,139,453	\$9,347,371
Liabilities		
Payables:		
Benefits and refunds payable	-	-
Securities Purchased	39,936	111,527
Administrative and consulting fees payable	27,864	19,968
Currency contract payable	186,342	1,560,766
Securities lending collateral	370,015	448,200
Total Liabilities:	\$624,157	\$2,140,461
Net Position held in trust for pension benefits	\$8,515,296	\$7,206,910

Supplementary Information

Statement of Changes in Fiduciary Net Position

Air Guard Firefighter Pension Plan		
Fiscal year ending December 31,	2019	2018
Additions		
Contributions:		
Employee	369,907	373,168
Employer	158,176	159,577
Other	0	71,939
	\$528,083	\$604,684
Investment Income:		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	1,218,088	(332,069)
Interest and dividends Employee Contributions	131,451	128,856
Total investing activity:	\$1,349,539	\$(203,213)
Investing activity expenses:		
Investment advisor or contractor fees	(50,267)	(52,244)
Net income/(loss) from investing activities:	\$1,299,272	\$(255,457)
Securities lending activities:		
Securities lending gross income	12,345	11,229
Securities lending expenses:		
Broker rebates	(10,947)	(9,350)
Agent fees	(209)	(281)
Total securities lending expenses:	\$(11,156)	\$(9,631)
Net income from securities lending activities:	1,189	1,598
Total investment income/(loss)	\$1,300,461	\$(253,859)
Total Additions (deletions):	\$1,828,544	\$350,825
Deductions		
Benefits paid / Distributions	442,888	385,232
Refunds	69,971	213,647
Administrative expenses	6,972	7,141
Depreciation expense	327	292
Total Deductions:	\$520,158	\$606,312
Net increase/(decrease) in Net Position	1,308,386	(255,487)
Net position held in trust for pension benefits:		
Beginning of year	7,206,910	7,462,397
End of year	\$8,515,296	\$7,206,910



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Schedule of Employer Allocations and Collective Pension Amounts

Notes to Schedule of Employer Allocations and Collective Pension Amounts

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Notes to Schedule of Employer Allocations and Collective Pension Amounts

Summary of Significant Accounting Policies

Employer contributions to the Wyoming Retirement System (WRS) are calculated on creditable compensation for active members reported by employers. Employer contributions are accrued when paid. Employer contributions are calculated as a percentage of creditable compensation as established by state statute for each applicable plan.

The Schedule of Collective Pension Amounts presents the deferred inflow of resources, deferred outflow of resources, pension expense and net pension liability (asset) at the Fund level. The schedule of Employer Allocations reflects current year employer and employee total contributions. Contributions and adjustments to contributions reported in the current year for service performed in a prior year are recognized as contributions in the prior year and are not included in the current year Schedule of Employer Allocations. This information does not include service purchase payments, rehired retiree payments, or penalty interest payments. The Schedule of Employer Allocations includes the following for each individual employer:

- Employer Retirement Administration and Investment Network (RAIN) Identification number
- Employer Name
- The amount of total employer and employee contributions for the contributing entity for the Plan for the period January 1, 2019 to December 31, 2019 (the WRS fiscal year)
- The contributing entity's contributions as a percentage of total employer contributions for the Plan for the period January 1, 2019 to December 31, 2019
- The amount of total employer and employee contributions for the contributing entity for the Plan for the period January 1, 2018 to December 31, 2018 (the prior WRS fiscal year)
- The contributing entity's contributions as a percentage of total employer contributions for the Plan for the period January 1, 2018 to December 31, 2018

The Schedule of Total Contributions has been rounded to the nearest dollar. Percentages are presented to nine decimal places.

Basis of Accounting

Contributions for employers and the net pension liability are recognized on an accrual basis of accounting.

Use of Estimates in the Preparation of the Schedules

The preparation of the Schedules in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect certain amounts and disclosures. Actual results could differ from those estimates.

Relationship to the System's Basic Financial Statements

The Schedule of Employer Allocations and Collective Pension Amounts include a reconciliation of employer and employee contributions to the total contributions shown in the Statement of Changes in Fiduciary Net Position. The voluntary Deferred Compensation (457) plan is a separate funding arrangement and thus has not been included for allocation purposes.

Components of Net Pension Liability

The net pension liability for the Public Employee Plan, Warden, Patrol, and DCI Plan, Volunteer Firefighter, EMT, and Search & Rescue Plan, Paid Firefighter B Plan, Judicial Plan, Law Enforcement Plan, and the Air Guard Firefighter Plan is calculated using a discount rate of 7.00%, which is the expected rate of return on investments reduced by investment expenses. The net pension liability for the Paid Firefighter A Plan is calculated using a 3.09% discount rate. The net pension liability was determined by an actuarial valuation as of December 31, 2019, applied to all prior periods included in the measurement. Actuarial valuation involves estimates of the reported amounts and assumptions about the probability of occurrence of events far into the future. Amounts determined regarding the net pension liability are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. An experience study was conducted covering the five year period ending December 31, 2016. The net pension liability as of December 31, 2019 is based on the results of an actuarial valuation as of January 1, 2019, rolled forward to a measurement date of December 31, 2019.

Notes to Schedule of Employer Allocations and Collective Pension Amounts

Actuarial Assumptions

The following are the actuarial assumptions applied to all periods included in the measurement:

Public Employee Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	2.5% to 6.5%, including inflation
Payroll growth rate	2.50%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

State Patrol, Game & Fish Warden and Criminal Investigator Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	2.50% to 8.50%, including inflation
Payroll growth rate	2.50%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Notes to Schedule of Employer Allocations and Collective Pension Amounts

Volunteer Firefighter, EMT, and Search & Rescue Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Health Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Paid Fire A Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar, Open
Remaining Amortization Period	10 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	4.50% includes inflation
Cost of Living Increase	3.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Notes to Schedule of Employer Allocations and Collective Pension Amounts

Paid Fire B Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	4.50% to 7.50%, including inflation
Payroll growth rate	2.50%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Judges Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	15 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	4.75% to 8.75% including inflation
Payroll growth rate	4.00%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Notes to Schedule of Employer Allocations and Collective Pension Amounts

Law Enforcement Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	4.75% to 8.75% including inflation
Payroll growth rate	2.50%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Air Guard Fire Fighter Pension Plan

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	29 years
Asset Valuation Method	5 year smoothed market
Inflation	2.25%
Salary increases	4.75% to 8.75% including inflation
Payroll growth rate	2.50%
Cost of Living Increase	0.00%
Investment rate of return	7.00%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2018 valuation pursuant to an experience study of the period 2012 - 2016.
Post-Retirement Mortality	RP-2014 Healthy Annuitant Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 88%
Pre-Retirement Mortality	RP-2014 Employee Mortality Table, fully generational, projected with Scale MP-2017 Males: No set back with a multiplier of 100% Females: No set back with a multiplier of 100%

Notes to Schedule of Employer Allocations and Collective Pension Amounts

The plan's trustees adopted the assumed rate of investment return after considering input from the plan's investment consultant(s) and actuary(s). Additional information about the assumed rate of investment return is included in the WRS actuarial valuation report as of January 1, 2019. In addition, a five-year experience study was completed as of December 31, 2016 and this study provides a detailed analysis regarding recommendations on the long-term rates for inflation and the real rate of return. The assumed rate of investment return of 7.00% (real return net of inflation of 4.75%) falls within a reasonable range of the long-term expected rate of return.

The long-term expected rate of return on pension plan investments was determined using a building block method in which expected future real rates of return (expected arithmetic returns, net of pension plan investment expense and inflation) are developed for each major asset class. These real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Each major asset class is included in the pension plans target asset allocation for the fiscal year 2019. These best estimates are summarized in the following table:

Asset Allocation			
Asset Class	Target Allocation	Long-Term Expected Geometric Real Rate of Return	Long-Term Expected Arithmetic Real Rate of Return
Cash	2.00%	-0.20%	-0.20%
Fixed Income	21.00%	1.32%	1.67%
Equity	48.50%	5.43%	7.42%
Marketable Alternatives	19.00%	3.46%	4.33%
Private Markets	9.50%	4.46%	5.58%
Total	100%	3.99%	5.30%

Meketa Investment Group, the investment consulting firm for the Wyoming Retirement System, supplied the figures in the above table.

WRS's success in achieving the 7.00% assumed investment return objective is evaluated on an ongoing basis over reasonably long periods of time (5 to 7 years). The reason for the long-term focus on the return objective is to preclude the temptation towards overreaction to short-term market events that have little to no bearing on long-term asset/liability management. The Board must reconcile its need to evaluate investment policy implementation decisions over shorter time frames while maintaining longer-term focus on managing and measuring the portfolio's overall performance relative to the long-term return objective.

Discount rate

The discount rate used to measure the total pension liability for each of the 8 plans was:

Public Employees Plan.....	7.00%
Warden, Patrol and DCI Plan	7.00%
Volunteer Firefighter, EMT, and Search & Rescue Plan	7.00%
Paid Firefighter A Plan	3.09%
Paid Firefighter B Plan.....	7.00%
Judicial Plan	7.00%
Law Enforcement Plan	7.00%
Air Guard Firefighters Plan	7.00%

Notes to Schedule of Employer Allocations and Collective Pension Amounts

Projected benefit payments are required to be discounted to their actuarial present values using a single discount rate that reflects 1) a long-term expected rate of return on pension plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits using a 100 year analysis) and 2) tax-exempt municipal bond rate based on an index of 20 year general obligation bonds with an average AA credit rating (which is published by the Federal Reserve) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For purposes of this valuation, the expected rate of return on pension plan investments is 7.00%, the municipal bond rate is 2.75% (based on the weekly rate closest to but not later than the measurement date of the "state and local bonds" rate from the Federal Reserve statistical release (H.15); and the resulting single discount rates are listed above.

Sensitivity of the net pension liability (Asset) to changes in the discount rate

The following table represents the net unfunded pension liability for each plan calculated using the discount rate as previously discussed as well as what it would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the rate used:

	1% Decrease	Current Single Discount Rate Assumption	1 % Increase
Public Employees Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 3,550,342,189	\$ 2,349,926,281	\$ 1,348,068,781
Warden, Patrol & DCI Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 62,695,798	\$ 38,553,619	\$ 18,673,307
Volunteer Firefighter, EMT and Search & Rescue Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 42,032,167	\$ 27,985,420	\$ 16,374,901
Paid Firefighter A Plan	2.09%	3.09%	4.09%
Net Pension Liability	\$ 315,783,695	\$ 260,575,393	\$ 216,318,321
Paid Firefighter B Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 31,459,950	\$ 7,107,456	(\$ 13,089,140)
Judicial Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 2,574,413	(\$ 865,959)	(\$ 3,829,426)
Law Enforcement Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 192,166,204	\$ 86,198,721	(\$ 427,735)
Air Guard Firefighter Plan	6.00%	7.00%	8.00%
Net Pension Liability	\$ 2,262,809	\$ 925,842	(\$ 170,922)

Average Expected Remaining Service Lives

Deferred Inflow of Resources and Deferred Outflow of Resources

Each employer will need to calculate two additional types of deferred outflows of resources and deferred inflows of resources which are employer specific amounts. These amounts relate the 1) net impact from changes in proportion (allocation percentage) between the periods; and 2) contributions made to the plan subsequent to the measurement date (December 31, 2019) and before the end of the employer's reporting period (many WRS employers have a fiscal year end of June 30, 2020).

The employer is solely responsible for its financial statements and, therefore, is responsible for evaluating the information used to recognize and disclose pension amounts in its financial statements. Each employer will be responsible to apply their allocation percentage to the collective amounts provided in the Schedule of Collective Pension Amounts. Similarly, the employer's auditor is solely responsible for the audit of the employer's financial statements, and therefore, is responsible for determining the sufficiency of audit evidence necessary to reduce audit risk to the appropriate level. Nevertheless, the employer and their auditor may use the System's report to provide evidence that the pension amounts allocated to the employer are not materially misstated.

Plan Pension Expense

Plan pension expense consists of changes that are expensed immediately as well as amortizations relating the difference between expected and actual experience, changes in actuary assumptions and differences between projected and actual investment earnings on pension plan investments. Details of the deferred inflow and deferred outflow of resources and the pension expense for each plan are contained in the different sections for each plan in this report.

The amortization period for liabilities is based on the remaining service lives of all employees in each plan that are provided with pensions through the System determined at the beginning of the measurement period. The amortization of the net difference between projected and actual investment earnings on pension plan investments is amortized over a closed 5 year period inclusive of this fiscal year.

The following table provides a summary of the plan pension expense and related amortization periods for each plan.

	Pension Expense	Recognition Period for Liabilities Avg expected remaining service Lives of all employees (in years)	Recognition Period for Actual vs Projected Investment Return (in years)
Public Employees Plan	\$ 309,157,003	3.9563	5.0000
Warden, Patrol & DCI Plan	\$ 2,250,571	4.1483	5.0000
Volunteer Firefighter, EMT, and Search & Rescue Plan	\$ 4,040,945	4.0494	5.0000
Paid Firefighter A Plan	\$ 45,257,941	1.0000	5.0000
Paid Firefighter B Plan	\$ 4,923,575	6.9999	5.0000
Judicial Plan	\$ 929,531	6.6532	5.0000
Law Enforcement Plan	\$ 27,840,103	4.3883	5.0000
Air Guard Firefighter Plan	\$ 221,004	8.0476	5.0000

Pension Plan Membership and

GASB - Average Expected Remaining Service Lives (AERSL)

For the Measurement Period from January 1, 2019 to December 31, 2019

	Public Employees' Pension Plan	State Patrol Game & Fish Warden and Criminal Investigator Pension Plan	Volunteer Firefighter, EMT, and Search & Rescue Pension Plan	Paid Firemen's Pension Plan A	Paid Firemen's Pension Plan B	Judicial Pension Plan	Law Enforcement Pension Plan	Air Guard Firefighters Pension Plan
Retirees & Beneficiaries	27,782	340	1,495	276	137	26	1,274	11
Inactive, Non-retired Members	31,024	72	1,896	1	79	0	1,371	5
Active Members	34,873	304	2,347	1	365	47	2,662	41
Total	93,679	716	5,738	278	581	73	5,307	57
AERSL (Total)	3.9563	4.1483	4.0494	1.0000	6.9999	6.6532	4.3883	8.0476



**RETIREMENT
SYSTEM**

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