



# RETIREMENT SYSTEM

A Fiduciary Fund of the State of Wyoming

## 2016 GASB 68 REPORT

Issued June 2017

Schedule of Employer Allocations and Collective Pension Amounts



***Partnering to Build Financial Security For Members and their Families***



# **Wyoming Retirement System**

## **2016 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, 2016 and 2015**

6101 Yellowstone Road, Suite 500  
Cheyenne, Wyoming 82002  
(307) 777-7691  
[retirement.wyo.gov](http://retirement.wyo.gov)

Ruth Ryerson, Executive Director  
David Swindell, Deputy Director  
Jack Riley, Finance Supervisor

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# Additional Financial & Actuary Information



**MATT MEAD**  
Governor

## Wyoming Retirement System

**RUTH RYERSON**  
Executive Director

6101 Yellowstone Road, Suite 500  
Cheyenne, Wyoming 82002  
FAX: (307) 777-5995 (307) 777-7691 TDD: (307) 777-6861  
<http://retirement.wyo.gov> email: [pension@wyo.gov](mailto:pension@wyo.gov)

David Swindell  
Deputy Director

### **Financial and Actuarial Information for the Fiscal Year Ended December 31, 2016**

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 can be obtained in a separate GASB 68 report prepared by the Wyoming Retirement System's Actuary, and additional financial information can be found within the Wyoming Retirement System's Comprehensive Annual Financial Report (CAFR) for the fiscal year ended December 31, 2016.

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, reflects only employee and employer contributions received by the Wyoming Retirement System for the calendar year ending December 31, 2016. 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 year ended December 31, 2016 and 2015 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, 2016, 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.

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877 W. Main St., Ste. 800 | Boise, ID 83702-5858 | T 208.344.7150 | F 208.344.7435 | EOE

# Independent Auditor's Report

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

## Opinions

In our opinion, the 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, 2016 and 2015, 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, 2016, and our report thereon, dated June 6, 2017, 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 2016 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 2016 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 2016 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 6, 2017

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# Public Employees Pension Plan

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
895	Afton/Lincoln Co. Airport	\$8,848	0.000029764	\$8,486	0.000029259
20	Albany County	766,651	0.002578981	728,697	0.002512524
21	Albany County Fair Board	16,708	0.000056205	18,140	0.000062544
200	Albany County Library	97,326	0.000327400	98,773	0.000340565
539	Albany County SAFE Project	34,067	0.000114600	27,067	0.000093325
300	Albany County Schools	5,659,519	0.019038378	5,488,990	0.018925860
930	Albany County Weed & Pest	24,754	0.000083271	21,882	0.000075447
522	Ark Regional Services Inc.	724,278	0.002436440	741,384	0.002556269
917	Baggs Solid Waste	42,515	0.000143019	38,461	0.000132614
963	Basin Authority Child Sup.	60,022	0.000201911	59,940	0.000206672
158	Big Horn Canal Irrigation	14,145	0.000047583	12,546	0.000043260
931	Big Horn Co. Weed & Pest	36,525	0.000122869	33,718	0.000116257
22	Big Horn County	383,158	0.001288927	371,591	0.001281234
913	Big Horn County Solid Waste District	13,731	0.000046190	13,715	0.000047289
315	Big Horn CSD #1	1,365,874	0.004594741	1,316,292	0.004538533
318	Big Horn CSD #2	1,079,491	0.003631361	1,029,950	0.003551235
330	Big Horn CSD #3	829,595	0.002790722	799,094	0.002755251
323	Big Horn CSD #4	635,341	0.002137260	628,096	0.002165655
521	Big Horn Enterprises	207,869	0.000699262	220,097	0.000758887
123	Big Horn Fire District #1	7,020	0.000023615	6,862	0.000023659
88	Big Horn Regional Joint Powers Board	18,214	0.000061271	17,562	0.000060555
1	Big Piney Cemetery Dist.	14,818	0.000049847	14,305	0.000049322
810	Board Of Public Utilities - Cheyenne	1,182,806	0.003978908	1,113,151	0.003838109
993	Bridger Valley Joint Powers	43,221	0.000145394	40,934	0.000141138
919	Byron Solid Waste	11,609	0.000039052	12,847	0.000044295
9	Campbell Co. Cemetery Dist.	49,109	0.000165201	51,085	0.000176140
558	Campbell Co. Conservation District	31,950	0.000107478	28,898	0.000099641
127	Campbell Co. Fire Dept (Admin	60,349	0.000203011	55,987	0.000193041
25	Campbell Co. Public Land	320,185	0.001077089	315,939	0.001089349
24	Campbell County	4,101,672	0.013797848	4,103,092	0.014147328
332	Campbell County Schools	13,978,841	0.047024219	13,333,557	0.045973672
286	Campbell County Senior Center	107,667	0.000362187	114,622	0.000395214
939	Campbell County Weed And Pest	39,871	0.000134124	37,611	0.000129681
961	Carbon Co. Higher Education	173,519	0.000583710	152,625	0.000526246
265	Carbon Co. Senior Service	84,218	0.000283306	89,791	0.000309596
932	Carbon Co. Weed & Pest	31,019	0.000104347	28,874	0.000099557
26	Carbon County	637,326	0.002143937	659,719	0.002274688
525	Carbon County COVE	18,599	0.000062566	18,349	0.000063267
203	Carbon County Library System	52,246	0.000175753	64,318	0.000221768
347	Carbon CSD #1	2,612,294	0.008787644	2,550,992	0.008795738
350	Carbon CSD #2	1,301,897	0.004379525	1,233,133	0.004251803
136930	Carbon CSD #2 BOCES	5,401	0.000018169	2,321	0.000008003

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
903	Casper Community College	2,070,394	0.006964716	1,986,071	0.006847909
904	Central Wyoming Comm. College	1,231,013	0.004141075	1,341,572	0.004625697
531	Central Wyoming Counseling Center	1,081,797	0.003639119	989,574	0.003412018
264	Central Wyoming Senior Services	71,503	0.000240533	73,814	0.000254509
268	Cheyenne Housing Authority	147,731	0.000496961	131,627	0.000453845
994	Cheyenne Regional Airport Board	106,443	0.000358070	97,776	0.000337130
524	Child Development Services	338,216	0.001137744	336,609	0.001160616
990	Child Support Auth. - 6d	82,495	0.000277510	78,368	0.000270211
968	Child Support Auth. - 4th Jd	44,774	0.000150618	42,311	0.000145887
547	Children's Advocacy Project	44,143	0.000148495	35,973	0.000124033
529	Children's Learning Center	494,118	0.001662192	457,682	0.001578073
805	City Of Buffalo	215,476	0.000724852	227,124	0.000783115
808	City Of Casper	3,216,017	0.010818543	3,259,837	0.011239812
809	City Of Cheyenne	2,689,090	0.009045983	2,564,342	0.008841767
47	City Of Cheyenne-Laramie Co Health Dept	270,325	0.000909362	272,342	0.000939025
813	City Of Cody	710,756	0.002390953	689,754	0.002378250
820	City of Douglas	421,854	0.001419099	386,168	0.001331493
827	City Of Evanston	377,577	0.001270153	393,225	0.001355826
831	City Of Gillette	2,361,147	0.007942797	2,436,903	0.008402361
835	City Of Green River	819,389	0.002756389	833,612	0.002874266
844	City Of Kemmerer	143,397	0.000482381	138,141	0.000476307
847	City Of Lander	311,351	0.001047371	295,424	0.001018611
848	City Of Laramie	1,454,859	0.004894083	1,363,259	0.004700474
860	City Of Newcastle	149,450	0.000502743	130,412	0.000449658
865	City Of Powell	414,569	0.001394592	384,447	0.001325562
867	City Of Rawlins	559,772	0.001883049	500,412	0.001725406
870	City Of Riverton	617,317	0.002076628	606,954	0.002092758
872	City Of Rock Springs	1,483,651	0.004990938	1,455,113	0.005017183
874	City Of Sheridan	920,221	0.003095584	853,148	0.002941628
878	City Of Sundance	66,605	0.000224056	62,659	0.000216045
882	City Of Torrington	474,358	0.001595720	486,499	0.001677434
887	City Of Worland	257,128	0.000864968	232,960	0.000803238
164	Cody Canal Irrigation District	29,742	0.000100051	30,800	0.000106198
49	Community Action	129,075	0.000434203	114,738	0.000395613
28	Converse County	613,080	0.002062375	574,724	0.001981631
297	Converse County Aging Services	124,812	0.000419862	111,362	0.000383971
135777	Converse County Airport	8,265	0.000027803	4,488	0.000015475
537	Converse County Coalition Against	29,619	0.000099637	27,784	0.000095800
560	Converse County Conservation District	15,510	0.000052175	12,073	0.000041627
204	Converse County Library	78,273	0.000263307	68,322	0.000235571
261	Converse County Senior Housing	27,333	0.000091947	24,658	0.000085020

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
933	Converse County Weed & Pest	25,344	0.000085256	25,225	0.000086974
356	Converse CSD #1	2,807,230	0.009443401	2,708,394	0.009338454
357	Converse CSD #2	991,392	0.003335000	966,440	0.003332254
526	Crisis Intervention Services	35,031	0.000117843	30,168	0.000104018
544	Crisis Prevention And Response	7,183	0.000024163	7,291	0.000025138
30	Crook County	285,277	0.000959660	278,959	0.000961841
19	Crook County Community Juvenile	-	-	3,032	0.000010456
35	Crook County Fair	6,927	0.000023302	6,357	0.000021917
205	Crook County Library	44,205	0.000148704	40,813	0.000140723
966	Crook County Museum District	20,779	0.000069900	21,000	0.000072406
31	Crook County Natural Resource District	12,089	0.000040667	8,488	0.000029265
366	Crook County Schools	1,844,430	0.006204583	1,763,173	0.006079362
935	Crook County Weed & Pest	15,360	0.000051670	19,364	0.000066768
4	Crown Hill Cemetery Dist.	15,834	0.000053265	15,142	0.000052210
165	Deaver Irrigation District	33,546	0.000112847	29,137	0.000100464
135238	Deaver-Frannie Cenetry District	3,088	0.000010388	2,560	0.000008828
147031	Dubois-Crowheart Conservation Dist.	6,322	0.000021267	-	-
920	Eastern Laramie Co. Solid Waste Dist.	26,913	0.000090534	25,716	0.000088667
906	Eastern Wyoming College	651,961	0.002193169	695,963	0.002399659
278	Eppson Center For Seniors	53,278	0.000179225	35,095	0.000121008
282	Evanston Parks & Recreation	162,241	0.000545772	160,660	0.000553952
39	Fremont Co. Assn. Of Governments	5,884	0.000019794	5,751	0.000019829
33	Fremont Co. Fair Board	32,338	0.000108784	31,642	0.000109101
918	Fremont Co. Solid Waste	170,200	0.000572545	167,800	0.000578568
936	Fremont Co. Weed & Pest	122,074	0.000410652	125,939	0.000434232
32	Fremont County	1,192,547	0.004011677	1,358,498	0.004684058
957	Fremont County BOCES	37,635	0.000126603	37,477	0.000129219
138	Fremont County Fire District	79,088	0.000266049	76,413	0.000263471
206	Fremont County Library	166,517	0.000560156	163,766	0.000564661
974	Fremont County Museum	42,082	0.000141562	40,644	0.000140138
378	Fremont CSD #1	2,592,111	0.008719750	2,493,052	0.008595963
382	Fremont CSD #14	1,440,358	0.004845302	1,383,247	0.004769391
380	Fremont CSD #2	353,851	0.001190340	364,335	0.001256216
383	Fremont CSD #21	1,199,015	0.004033435	1,141,573	0.003936107
384	Fremont CSD #24	689,461	0.002319317	646,418	0.002228828
385	Fremont CSD #25	3,714,475	0.012495334	3,530,052	0.012171503
389	Fremont CSD #38	1,016,100	0.003418117	970,018	0.003344590
386	Fremont/Windriver CSD #6	769,409	0.002588259	740,240	0.002552323
16	Glenrock Area Solid Waste Disposal Dist.	29,079	0.000097821	24,642	0.000084964
11	Glenrock Cemetery District	21,379	0.000071918	17,982	0.000062000
239	Glenrock Community Recreation	21,052	0.000070818	21,204	0.000073110
143562	Glenrock Hospital Dist	38,942	0.000130999	-	-

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
937	Goshen Co. Weed & Pest	24,046	0.000080890	24,846	0.000085668
34	Goshen County	338,584	0.001138982	324,894	0.001120224
78	Goshen County Fair	17,042	0.000057329	12,321	0.000042481
207	Goshen County Library	27,121	0.000091234	25,585	0.000088217
281	Goshen County Senior Friendship	35,690	0.000120060	39,000	0.000134471
393	Goshen CSD #1	2,942,271	0.009897673	2,835,102	0.009775340
167	Goshen Irrigation District	105,092	0.000353525	108,031	0.000372486
997	Green River/RS Joint Pwrs.	156,011	0.000524814	134,077	0.000462292
275	Greybull Recreation Dist.	6,648	0.000022364	6,498	0.000022405
170	Hanover Irrigation District	5,672	0.000019080	5,143	0.000017732
169	Heart Mountain Irrigation District	74,151	0.000249441	43,915	0.000151419
527	High Country Behavioral Health	241,441	0.000812197	220,040	0.000758691
995	High Country Joint Powers	6,952	0.000023386	6,531	0.000022518
528	Hope Agency Inc, Hot Springs Crisis	7,944	0.000026723	7,393	0.000025492
5	Hot Springs Co. Cemetery Dist.	17,858	0.000060074	16,336	0.000056328
36	Hot Springs County	231,719	0.000779493	220,734	0.000761083
208	Hot Springs County Library	13,688	0.000046046	15,390	0.000053065
279	Hot Springs County Senior Citizens	44,851	0.000150877	41,431	0.000142853
402	Hot Springs CSD #1	1,120,350	0.003768809	1,078,051	0.003717083
938	Hot Springs Weed & Pest	28,425	0.000095620	30,089	0.000103747
962	Jackson Hole Airport Board	735,532	0.002474298	659,796	0.002274956
911	Jamestown Rio Vista Water Sewer District	12,362	0.000041585	11,530	0.000039753
38	Johnson County	425,033	0.001429793	440,771	0.001519764
81	Johnson County Fair Board	12,266	0.000041262	11,003	0.000037940
209	Johnson County Library	60,806	0.000204549	59,902	0.000206539
926	Johnson County Solid Waste	20,852	0.000070145	19,558	0.000067435
946	Johnson County Weed & Pest	27,093	0.000091140	22,188	0.000076502
412	Johnson CSD #1	2,152,597	0.007241244	2,089,594	0.007204853
125921	Kemmerer Diamondville Joint Powers Board	87,479	0.000294276	84,126	0.000290065
266	Kemmerer Senior Citizens	15,744	0.000052962	15,266	0.000052635
562	Lake Desmet Conserv. Dist.	13,299	0.000044737	11,665	0.000040220
174	Lakeview Irrigation District	14,910	0.000050157	15,186	0.000052360
260	Lander Senior Citizens	44,494	0.000149676	41,657	0.000143633
175	LaPrele Irrigation District	8,576	0.000028849	8,561	0.000029517
566	Laramie Co. Conservation	50,070	0.000168433	51,398	0.000177218
128	Laramie Co. Fire Dist. #2	7,396	0.000024880	6,392	0.000022040
940	Laramie Co. Weed & Pest	34,866	0.000117288	26,745	0.000092215
40	Laramie County	1,784,261	0.006002177	1,670,450	0.005759659
907	Laramie County Community College	2,006,586	0.006750069	1,900,897	0.006554232
83	Laramie County Fair Board	17,318	0.000058257	15,640	0.000053926

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
211	Laramie County Library	359,901	0.001210691	334,139	0.001152100
423	Laramie CSD #1	20,483,920	0.068907025	20,028,661	0.069058173
424	Laramie CSD #2	1,682,858	0.005661062	1,638,776	0.005650447
422	Laramie Montessori School	87,004	0.000292678	79,864	0.000275369
975	Laramie Regional Airport	20,025	0.000067363	18,960	0.000065374
559	Laramie Rivers Conservation District	34,801	0.000117069	33,337	0.000114946
43	Lincoln Co. Fair Board	16,232	0.000054604	15,234	0.000052526
941	Lincoln Co. Weed & Pest	48,015	0.000161520	51,195	0.000176518
42	Lincoln County	651,172	0.002190515	622,085	0.002144930
212	Lincoln County Library	114,883	0.000386461	112,197	0.000386852
434	Lincoln CSD #1	887,010	0.002983863	851,379	0.002935527
433	Lincoln CSD #2	3,890,028	0.013085887	3,751,836	0.012936208
563	Little Snake River Conservation District	41,593	0.000139917	39,357	0.000135700
999	Local Gov't Liability Pool	58,493	0.000196768	54,904	0.000189307
533	Magic City Enterprises	45,886	0.000154359	49,100	0.000169296
564	Meeteetse Conservation District	12,656	0.000042574	16,936	0.000058395
283	Meeteetse Recreation Dist.	8,702	0.000029273	8,505	0.000029326
7	Mountain View Cemetery District	19,117	0.000064309	14,599	0.000050335
124	Natrona Co. Fire Protection	10,858	0.000036526	9,921	0.000034207
46	Natrona Co. Health Department	281,331	0.000946385	274,468	0.000946357
44	Natrona County	1,349,508	0.004539687	1,358,485	0.004684013
983	Natrona County Airport	182,094	0.000612556	174,907	0.000603073
17	Natrona County Conservation District	8,676	0.000029186	9,789	0.000033751
45	Natrona County Fair	68,777	0.000231363	63,934	0.000220443
213	Natrona County Library	234,309	0.000788205	230,279	0.000793994
947	Natrona County Weed & Pest	62,024	0.000208646	50,696	0.000174796
437	Natrona CSD #1	18,667,971	0.062798250	18,178,284	0.062678134
156	Niobrara County Hospital District	526,608	0.001771487	508,485	0.001753241
943	Niobrara County Weed & Pest	13,437	0.000045201	14,496	0.000049981
447	Niobrara CSD #1	989,739	0.003329439	902,882	0.003113109
567	North Platte Valley Conservation Dist.	18,518	0.000062294	16,471	0.000056791
980	Northeast Wyoming BOCES	448,516	0.001508789	449,256	0.001549019
909	Northern Wyoming Community College Dist.	1,903,427	0.006403046	1,804,905	0.006223254
910	Northwest College	972,722	0.003272195	949,443	0.003273649
927	Northwest Rural Water District	55,964	0.000188260	48,487	0.000167183
985	Northwest Wyoming Board of Coop	215,234	0.000724038	216,436	0.000746264
964	Oyster Ridge BOCES	21,657	0.000072853	22,396	0.000077222
137	Park Co. Fire Protection #2	44,373	0.000149269	43,323	0.000149377
50	Park County	934,809	0.003144657	914,531	0.003153273
84	Park County Drug Court	11,685	0.000039308	10,467	0.000036090
51	Park County Fair Assn.	-	-	1,993	0.000006870

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan:		2016		2015	
Total Contributions		\$297,268,967		\$290,025,937	
Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
136	Park County Fire Dist. #1	11,293	0.000037989	10,421	0.000035931
215	Park County Library	145,891	0.000490771	147,658	0.000509119
967	Park County Museum	18,306	0.000061581	15,871	0.000054721
944	Park County Weed & Pest	56,998	0.000191739	53,525	0.000184553
448	Park CSD #1	2,588,477	0.008707525	2,496,071	0.008606370
453	Park CSD #16	291,760	0.000981468	278,742	0.000961094
450	Park CSD #6	3,241,503	0.010904276	3,233,355	0.011148502
549	Pinedale Aquatic Center	141,288	0.000475287	155,983	0.000537823
52	Platte County	284,693	0.000957695	293,965	0.001013583
53	Platte County Fair Board	6,094	0.000020500	5,526	0.000019054
263	Platte County Housing Authority	5,020	0.000016887	4,833	0.000016665
216	Platte County Library	15,045	0.000050611	14,420	0.000049718
75	Platte County Resource District	12,428	0.000041807	11,461	0.000039516
945	Platte County Weed & Pest	27,642	0.000092986	29,941	0.000103237
459	Platte CSD #1	1,669,546	0.005616281	1,572,004	0.005420219
462	Platte CSD #2	489,911	0.001648040	444,311	0.001531969
421	PODER Academy	146,297	0.000492137	143,701	0.000495478
144333	PODER Academy Secondary School	15,356	0.000051657	-	-
573	Popo Agie Conservation District	33,789	0.000113665	26,886	0.000092702
284	Powell Recreation District	22,769	0.000076594	19,732	0.000068034
971	Powell Valley Community Education	3,243	0.000010909	12,602	0.000043452
988	Region V Bd. Of Coop. Educational	676,136	0.002274492	660,650	0.002277901
293	Rendezvous Pointe	61,940	0.000208363	57,559	0.000198463
536	Renew	427,888	0.001439397	476,572	0.001643205
8	Riverside Cemetery Dist.	31,656	0.000106489	29,717	0.000102462
82	Rock Spgs Green River Sweetwater Co. Com	32,972	0.000110916	30,948	0.000106708
979	Rock Springs/Sweetwater Co. Airport	106,374	0.000357838	101,859	0.000351207
540	SAFV Task Force, Inc. Uinta County	22,670	0.000076261	21,882	0.000075448
584	Saratoga-Encampment-Rawlins Conservation	24,491	0.000082387	24,536	0.000084600
541	Self Help Center	56,409	0.000189757	53,293	0.000183753
267	Senior Citizens Council	277,327	0.000932916	242,387	0.000835743
585	Sheridan Co. Conservation District	11,970	0.000040267	11,878	0.000040955
55	Sheridan Co. Fair Assn.	31,328	0.000105386	32,118	0.000110742
953	Sheridan Co. Weed & Pest	28,067	0.000094416	31,668	0.000109189
54	Sheridan County	738,788	0.002485251	773,825	0.002668124
217	Sheridan County Library	106,932	0.000359715	109,810	0.000378623
463	Sheridan CSD #1	1,312,294	0.004414500	1,313,889	0.004530246
466	Sheridan CSD #2	4,891,063	0.016453325	4,797,271	0.016540835
473	Sheridan CSD #3	289,735	0.000974656	289,919	0.000999633
77	Sheridan Juvenile Justice Joint Powers	51,331	0.000172675	57,221	0.000197297



# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

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ID	Organization Name	Total Contributions	Employer Proportional Share of Allocation	Total Contributions	Employer Proportional Share of Allocation
285	Sheridan Recreation Dist.	39,501	0.000132880	41,364	0.000142620
181	Shoshone Irrigation District	93,561	0.000314735	92,937	0.000320443
977	Shoshone Municipal Pipeline	97,824	0.000329076	88,721	0.000305907
532	Snowy Range Academy	200,898	0.000675812	187,756	0.000647375
530	Solutions For Life	152,586	0.000513293	169,819	0.000585529
556	South Big Horn Conservation Dist.	6,382	0.000021469	8,276	0.000028536
288	South Big Horn Senior Citizens, Inc.	29,628	0.000099667	28,430	0.000098027
921	South Cheyenne Water & Sewer	62,028	0.000208660	53,916	0.000185900
14	South Lincoln Special Cem.	30,397	0.000102254	28,647	0.000098775
987	Southwest Counseling Svc.	943,296	0.003173207	966,008	0.003330763
576	Star Valley Conservation Dist.	8,180	0.000027517	5,593	0.000019285
294	Star Valley Senior Citizen, Inc.	15,624	0.000052558	15,029	0.000051820
	State of Wyoming	69,706,008	0.234488008	68,747,546	0.237039302
929	Sublette BOCES	47,581	0.000160060	30,219	0.000104193
534	Sublette Co. SAFV Task Force	20,927	0.000070398	20,549	0.000070853
949	Sublette Co. Weed & Pest	43,359	0.000145858	43,869	0.000151259
56	Sublette County	986,257	0.003317726	971,733	0.003350505
557	Sublette County Conservation District	62,387	0.000209867	69,613	0.000240022
218	Sublette County Library	102,799	0.000345811	97,538	0.000336309
57	Sublette County Rural Health Care	822,732	0.002767635	998,089	0.003441380
483	Sublette CSD #1	1,594,958	0.005365370	1,519,986	0.005240864
485	Sublette CSD #9	1,041,907	0.003504930	1,045,855	0.003606074
290	SW Sublette Co. Pioneers	24,468	0.000082309	25,024	0.000086283
970	Sweetwater BOCES	25,986	0.000087416	24,272	0.000083688
578	Sweetwater Co. Conservtion District	6,437	0.000021654	6,163	0.000021251
59	Sweetwater Co. Fair Board	154,522	0.000519805	138,781	0.000478513
129	Sweetwater Co. Fire Dist. #1	57,059	0.000191944	48,768	0.000168151
276	Sweetwater Co. Recreation	20,909	0.000070337	28,025	0.000096629
976	Sweetwater Co. Transit	36,803	0.000123804	36,430	0.000125611
948	Sweetwater Co. Weed & Pest	43,607	0.000146692	39,858	0.000137429
58	Sweetwater County	1,735,005	0.005836482	1,688,789	0.005822890
90	Sweetwater County District Board Health	177,187	0.000596049	184,989	0.000637837
219	Sweetwater County Library	283,183	0.000952615	297,874	0.001027060
984	Sweetwater County Museum	23,229	0.000078141	18,560	0.000063993
925	Sweetwater County Solid Waste	102,210	0.000343830	98,248	0.000338755
915	Sweetwater County Solid Waste District 2	55,311	0.000186064	45,435	0.000156657
488	Sweetwater CSD #1	7,970,986	0.026814054	7,549,662	0.026030987
487	Sweetwater CSD #2	4,019,534	0.013521539	3,949,278	0.013616983
289	Ten Sleep Senior Center	16,543	0.000055650	18,207	0.000062777
61	Teton Conservation District	55,402	0.000186370	50,361	0.000173644
60	Teton County	1,557,472	0.005239269	1,454,559	0.005015273

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For the Fiscal Year Ended December 31, 2016 and 2015

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291	Teton County Housing Authority	9,647	0.000032452	31,019	0.000106951
221	Teton County Library	291,097	0.000979238	272,566	0.000939800
494	Teton County Schools	4,759,378	0.016010343	4,447,071	0.015333358
954	Teton County Weed & Pest	88,710	0.000298417	79,565	0.000274337
587	Teton Village Association	52,622	0.000177018	46,627	0.000160768
912	Teton Village Water And Sewer Distrcit	103,632	0.000348614	97,113	0.000334843
296	Thayne Senior Center	25,223	0.000084849	23,831	0.000082170
800	Town Of Afton	71,589	0.000240822	67,613	0.000233126
796	Town Of Alpine	38,958	0.000131053	35,538	0.000122534
802	Town Of Baggs	23,705	0.000079743	24,639	0.000084954
799	Town Of Bairoil	15,324	0.000051549	21,317	0.000073500
798	Town Of Bar Nunn	43,164	0.000145202	40,538	0.000139773
803	Town Of Basin	75,482	0.000253918	74,850	0.000258081
797	Town Of Bear River	23,829	0.000080160	15,672	0.000054038
804	Town Of Big Piney	52,331	0.000176039	50,740	0.000174949
806	Town Of Burns	16,949	0.000057016	16,752	0.000057759
807	Town Of Byron	14,427	0.000048532	16,577	0.000057157
811	Town Of Chugwater	6,365	0.000021412	6,222	0.000021452
814	Town Of Cokeville	20,057	0.000067471	19,624	0.000067661
815	Town Of Cowley	29,007	0.000097578	27,362	0.000094344
817	Town of Deaver	13,634	0.000045864	12,860	0.000044341
818	Town of Diamondville	35,919	0.000120830	32,883	0.000113378
819	Town of Dixon	2,765	0.000009301	2,571	0.000008866
821	Town of Dubois	35,794	0.000120409	33,563	0.000115725
822	Town of East Thermopolis	9,434	0.000031736	8,791	0.000030312
823	Town Of Edgerton	9,523	0.000032035	9,000	0.000031032
824	Town Of Elk Mountain	13,685	0.000046036	12,747	0.000043952
826	Town Of Encampment	25,327	0.000085199	24,114	0.000083146
828	Town Of Evansville	117,961	0.000396816	126,167	0.000435018
829	Town Of Fort Laramie	17,171	0.000057763	14,215	0.000049013
830	Town Of Frannie	11,000	0.000037004	6,082	0.000020971
832	Town Of Glendo	12,384	0.000041659	13,267	0.000045743
833	Town Of Glenrock	107,991	0.000363277	108,011	0.000372418
834	Town Of Granger	8,338	0.000028049	8,019	0.000027650
836	Town Of Greybull	78,630	0.000264508	78,356	0.000270169
837	Town Of Guernsey	76,886	0.000258641	72,017	0.000248314
838	Town Of Hanna	50,184	0.000168817	50,477	0.000174043
840	Town Of Hudson	14,550	0.000048946	16,177	0.000055778
841	Town Of Hulett	18,427	0.000061988	18,543	0.000063937
842	Town Of Jackson	800,019	0.002691229	750,667	0.002588277
843	Town Of Kaycee	16,265	0.000054715	15,941	0.000054964
846	Town Of LaGrange	11,555	0.000038871	11,800	0.000040686

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Net Pension Liability		\$2,417,500,218		\$2,329,347,821	
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849	Town Of Lingle	38,867	0.000130747	36,072	0.000124374
851	Town Of Lovell	66,127	0.000222448	61,313	0.000211405
852	Town Of Lusk	115,038	0.000386983	108,357	0.000373613
853	Town Of Lyman	48,216	0.000162197	44,230	0.000152505
855	Town Of Marbleton	68,420	0.000230162	66,299	0.000228596
856	Town Of Medicine Bow	20,437	0.000068749	20,022	0.000069034
857	Town Of Meeteetse	30,558	0.000102796	28,241	0.000097373
892	Town Of Midwest	16,775	0.000056430	19,538	0.000067365
858	Town Of Mills	173,088	0.000582261	163,895	0.000565106
861	Town Of Moorcroft	55,526	0.000186787	47,424	0.000163517
859	Town Of Mountain View	56,567	0.000190289	54,482	0.000187853
863	Town Of Pine Bluffs	86,433	0.000290757	84,186	0.000290271
866	Town Of Pine Haven	28,146	0.000094682	22,224	0.000076627
864	Town Of Pinedale	158,557	0.000533379	154,542	0.000532854
896	Town Of Ranchester	72,120	0.000242609	66,882	0.000230606
871	Town Of Rock River	23,365	0.000078599	22,608	0.000077952
894	Town Of Rolling Hills	27,555	0.000092694	23,437	0.000080809
873	Town Of Saratoga	109,536	0.000368474	102,131	0.000352145
875	Town Of Shoshoni	32,686	0.000109954	33,385	0.000115111
876	Town Of Sinclair	29,643	0.000099718	28,605	0.000098630
877	Town Of Star Valley Ranch	78,685	0.000264693	71,958	0.000248107
879	Town Of Ten Sleep	13,437	0.000045201	11,837	0.000040815
880	Town Of Thayne	10,568	0.000035550	12,007	0.000041399
881	Town Of Thermopolis	131,266	0.000441573	130,576	0.000450221
883	Town Of Upton	48,990	0.000164800	45,351	0.000156370
885	Town Of Wamsutter	29,013	0.000097598	21,704	0.000074834
886	Town Of Wheatland	242,089	0.000814377	221,750	0.000764588
888	Town Of Yoder	10,045	0.000033791	9,830	0.000033894
85	Treatment Court Of Sweetwater	9,141	0.000030750	8,842	0.000030488
972	Uinta BOCES #1	133,673	0.000449670	142,094	0.000489936
934	Uinta Co. BOCES #4,#6	15,476	0.000052061	15,345	0.000052909
581	Uinta Co. Conserv. Dist.	15,382	0.000051744	18,435	0.000063564
62	Uinta County	644,988	0.002169712	635,382	0.002190776
222	Uinta County Library	52,032	0.000175033	53,209	0.000183464
951	Uinta County Weed & Pest	15,584	0.000052424	15,331	0.000052861
499	Uinta CSD #1	4,149,521	0.013958810	4,035,209	0.013913268
500	Uinta CSD #4	1,180,306	0.003970499	1,137,145	0.003920839
502	Uinta CSD #6	1,112,658	0.003742934	1,070,624	0.003691478
900	University of Wyoming	10,399,448	0.034983295	10,234,465	0.035288103
924	Wardwell Water & Sewer District	36,675	0.000123373	37,647	0.000129805
588	Washakie Co. Conserv. Dist	10,675	0.000035910	9,240	0.000031858
950	Washakie Co. Weed & Pest	17,570	0.000059105	14,967	0.000051604

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64	Washakie County	243,124	0.000817859	233,620	0.000805515
223	Washakie County Library	10,995	0.000036987	10,732	0.000037004
922	Washakie County Solid Waste Dist. #1	24,956	0.000083951	22,044	0.000076007
503	Washakie CSD #1	2,058,737	0.006925503	1,986,186	0.006848306
504	Washakie CSD #2	258,083	0.000868180	236,428	0.000815195
914	Western Wy. Comm. College	1,267,464	0.004263694	1,205,672	0.004157119
955	Western/Sublette Co. # 9 BOCES	3,261	0.000010970	3,259	0.000011238
543	Weston Co. Children's Ctr.	147,645	0.000496671	148,525	0.000512108
986	Weston Co. Museum District	12,184	0.000040986	13,289	0.000045821
66	Weston County	258,676	0.000870175	264,222	0.000911030
71	Weston County Fair Board	5,107	0.000017180	5,834	0.000020115
126	Weston County Fire Protection	20,411	0.000068662	19,931	0.000068723
224	Weston County Library	21,217	0.000071373	23,784	0.000082007
74	Weston County Natural Resource	6,843	0.000023020	6,711	0.000023138
956	Weston County Weed & Pest	24,294	0.000081724	22,803	0.000078625
505	Weston CSD #1	1,340,887	0.004510686	1,254,791	0.004326477
506	Weston CSD #7	494,196	0.001662454	440,203	0.001517807
159	Wheatland Irrigation District	73,905	0.000248613	76,462	0.000263639
958	White Mountain Water & Sewer District	50,763	0.000170765	45,474	0.000156795
186	Willwood Irrigation District	20,295	0.000068272	24,377	0.000084050
133	Wind River Transportation Authority	72,419	0.000243614	72,529	0.000250078
139	Worland Fire Protection Dist. #1	8,846	0.000029758	8,220	0.000028343
295	Worland Senior Center	43,582	0.000146608	42,051	0.000144991
538	WY Coalition Against Domestic	135,746	0.000456644	121,656	0.000419467
545	Wyoming Association of Risk	50,339	0.000169338	50,721	0.000174884
542	Wyoming Child & Family Development Inc.	678,221	0.002281506	618,465	0.002132448
70	Wyoming Co. Commissioners Assn.	48,271	0.000162382	45,041	0.000155301
991	Wyoming Community Development	411,632	0.001384712	410,113	0.001414056
981	Wyoming Education Assn.	200,743	0.000675291	184,468	0.000636040
982	Wyoming High School Activities	49,452	0.000166354	42,583	0.000146824
780	Wyoming Lottery	103,744	0.000348990	105,673	0.000364356
3875	Wyoming Miners Hospital Board	19,823	0.000066684	12,777	0.000044056
773	Wyoming Pipeline Authority	36,467	0.000122673	35,644	0.000122899
989	Wyoming Public Employees Assn.	18,161	0.000061093	13,623	0.000046972
996	Wyoming School Boards	54,610	0.000183706	51,166	0.000176419
287	Wyoming Senior Citizens Inc.	119,259	0.000401182	126,982	0.000437830
546	Wyoming State Bar	76,012	0.000255701	72,455	0.000249822
978	Yellowstone Regional Airport	72,244	0.000243026	66,684	0.000229925
*	Adjustment	150,571	0.000506514	562,268	0.001938682
<b>Total:</b>		<b>\$297,268,967</b>	<b>100%</b>	<b>\$290,025,937</b>	<b>100%</b>

\* 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 Year Ended December 31, 2016 and 2015

Public Employees Pension Plan: Separated by State Agencies					
		2016	2015		
Total Contributions		\$69,706,008	\$68,747,545		
Net Pension Liability		\$566,874,811	\$552,146,982		
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
611	Administration And Information	\$1,770,342	0.025397266	\$1,789,209	0.026025785
700	Administrative Hearings, Office Of	144,963	0.002079634	\$143,966	0.002094125
603	Agriculture	758,674	0.010883911	\$750,809	0.010921243
606	Attorney General	2,075,978	0.029781909	\$2,047,239	0.029779092
630	Audit	1,032,687	0.014814892	\$1,039,773	0.015124517
743	AWEC	62,738	0.000900037	\$95,403	0.001387728
604	Business Council	467,159	0.006701847	\$485,092	0.007056134
755	Commission on Judicial Conduct And Ethics	13,116	0.000188162	\$12,821	0.000186488
705	Community College Commission	181,751	0.002607394	\$179,966	0.002617779
727	Construction Management	280,403	0.004022652	\$212,795	0.003095311
612	Corrections	3,254,725	0.046692173	\$3,280,518	0.047718333
620	Cosmetology, Board Of	34,145	0.000489843	\$34,066	0.000495527
600	CPA's, Board Of	21,883	0.000313933	\$20,943	0.000304629
712	District Attorney Dist #1	245,652	0.003524115	\$227,204	0.003304896
713	District Attorney Dist #7	224,306	0.003217886	\$218,088	0.003172299
622	Education	1,138,294	0.016329927	\$1,076,461	0.015658170
626	Engineer's Office	1,223,396	0.017550797	\$1,229,837	0.017889184
754	Enterprise Technology Services	2,572,483	0.036904753	\$2,637,224	0.038360988
636	Environmental Quality	2,728,260	0.039139524	\$2,633,340	0.038304501
686	Environmental Quality Council	25,406	0.000364474	\$24,737	0.000359829
723	Equalization, Board Of	96,465	0.001383884	\$90,015	0.001309362
613	Family Services	5,377,759	0.077149146	\$5,299,753	0.077090073
632	Fire Prevention	311,166	0.004463977	\$299,111	0.004350866
633	Game & Fish	3,006,702	0.043134044	\$2,958,567	0.043035237
634	Geological Survey	213,521	0.003063165	\$233,884	0.003402077
726	Geologists, Board Of Professional	13,197	0.000189324	\$13,976	0.000203299
631	Governor's Office	533,854	0.007658651	\$581,035	0.008451724
610	Governor's Residence	19,530	0.000280177	\$22,213	0.000323110
637	Health	9,917,850	0.142281136	\$9,727,413	0.141494690
645	Insurance	240,791	0.003454379	\$240,614	0.003499966
646	Judicial District 1a	32,448	0.000465498	\$31,017	0.000451169
653	Judicial District 1b	30,462	0.000437007	\$29,661	0.000431443
694	Judicial District 1c	37,522	0.000538289	\$34,957	0.000508481
647	Judicial District 2a	37,586	0.000539207	\$36,027	0.000524054
655	Judicial District 2b	30,772	0.000441454	\$30,063	0.000437292
648	Judicial District 3	33,144	0.000475483	\$31,377	0.000456410
668	Judicial District 3b	32,588	0.000467506	\$30,962	0.000450375
714	Judicial District 3c	29,738	0.000426620	\$29,200	0.000424749
649	Judicial District 4a	31,128	0.000446561	\$29,962	0.000435824
718	Judicial District 4b	30,465	0.000437050	\$28,638	0.000416561
650	Judicial District 5a	38,400	0.000550885	\$41,132	0.000598309
656	Judicial District 5b	29,448	0.000422460	\$28,970	0.000421401

# Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Year Ended December 31, 2016 and 2015

Public Employees Pension Plan: Separated by State Agencies					
		2016			2015
Total Contributions			\$69,706,008		\$68,747,545
Net Pension Liability			\$566,874,811		\$552,146,982
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
651	Judicial District 6	26,491	0.000380039	\$27,718	0.000403186
688	Judicial District 6b	35,774	0.000513213	\$34,084	0.000495780
717	Judicial District 6c	34,776	0.000498895	\$33,109	0.000481600
652	Judicial District 7a	27,605	0.000396020	\$28,008	0.000407405
654	Judicial District 7b	36,248	0.000520013	\$34,686	0.000504542
716	Judicial District 7c	31,668	0.000454308	\$27,906	0.000405920
697	Judicial District 8a	29,024	0.000416377	\$28,129	0.000409160
689	Judicial District 8b	30,539	0.000438111	\$29,635	0.000431069
663	Judicial District 9a	38,495	0.000552248	\$36,310	0.000528170
698	Judicial District 9b	30,841	0.000442444	\$31,299	0.000455278
699	Judicial District 9c	31,617	0.000453576	\$30,325	0.000441101
659	Lands & Investments, Office Of	926,890	0.013297132	\$871,809	0.012681318
662	Legislative Service Off.	424,408	0.006088543	\$417,888	0.006078589
666	Livestock, Board Of	485,861	0.006970145	\$465,603	0.006772645
667	Medical Examiners, Board Of	59,932	0.000859782	\$57,431	0.000835384
601	Military	1,491,930	0.021403177	\$1,465,270	0.021313783
673	Nursing, Board Of	81,391	0.001167632	\$92,852	0.001350620
729	Occupational Therapy, Board Of	6,674	0.000095745	\$6,445	0.000093743
671	Oil And Gas Conservation Commission	362,540	0.005200986	\$342,815	0.004986583
703	Outfitters & Professional Guides, Board	18,919	0.000271411	\$14,460	0.000210341
677	Pari-Mutuel Commission	22,065	0.000316544	\$21,418	0.000311542
751	Parole, Board Of	61,003	0.000875147	\$62,725	0.000912391
679	Pharmacy, Board Of	62,196	0.000892262	\$55,064	0.000800952
609	Public Defenders	1,041,421	0.014940190	\$1,015,133	0.014766100
628	Public Service Commission	343,195	0.004923464	\$414,680	0.006031931
710	Real Estate Commission	50,885	0.000729994	\$48,974	0.000712369
683	Retirement System	458,479	0.006577324	\$441,650	0.006424230
684	Revenue	991,998	0.014231169	\$963,639	0.014017064
685	Secretary Of State	295,335	0.004236866	\$292,521	0.004255010
607	State Auditor	288,117	0.004133317	\$275,799	0.004011770
702	State Parks & Cultural Resources	1,487,448	0.021338878	\$1,424,096	0.020714857
692	State Treasurer	285,136	0.004090551	\$243,952	0.003548525
758	Superintendent Of Public Instruction	63,968	0.000917683	\$113,212	0.001646776
660	Supreme Court	1,683,211	0.024147287	\$1,626,022	0.023652078
715	Teaching Standards, Bd Of Professional	57,048	0.000818409	\$52,244	0.000759943
638	Transportation	14,760,907	0.211759466	\$14,607,849	0.212485391
722	Travel And Tourism Board	210,985	0.003026784	\$220,699	0.003210280
619	Water Development Commission	315,958	0.004532723	\$297,753	0.004331111
657	Wildlife & Natural Resources Trust Board	31,531	0.000452343	\$29,102	0.000423321
724	Workforce Services	4,602,602	0.066028770	\$4,477,192	0.065125114
<b>Total:</b>		<b>\$69,706,008</b>	<b>100%</b>	<b>\$68,747,545</b>	<b>100%</b>

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

# Schedule of Collective Pension Amounts

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$447,202,458	\$-	\$447,202,458

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$-	\$64,806,119	\$64,806,119	\$378,388,670	\$2,417,500,218

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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
<b>Plan Fiduciary Net Position</b>			
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 (loss)	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 Employee 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 Employee 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,	2016
<b>A. Expense</b>	
1. Service Cost	\$219,893,113
2. Interest on the Total Pension Liability	664,368,366
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(152,422,538)
5. Projected Earnings on Plan Investments (made negative for addition here)	(490,249,039)
6. Pension Plan Administrative Expenses	5,993,529
7. Other Changes in Plan Fiduciary Net Position	312,336
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(28,262,971)
9. Recognition of Outflow (Inflow) of Resources due to Assets	158,755,874
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
<b>11. Total Pension Expense</b>	<b>\$378,388,670</b>

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

### Public Employee Pension Plan

Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$43,790,701)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	3.8583
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	(11,349,740)
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	(11,349,740)
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	(32,440,961)
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	\$(32,440,961)
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$35,536,046
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	7,107,209
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$28,428,837

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Public Employee Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	4.0139	3.9136	3.8583	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	(\$66,191,620)	(\$43,790,701)		
2014	-	-	-	\$0	
2015	-	(16,913,231)	-	(16,913,231)	
2016	-	(16,913,231)	(11,349,740)	(28,262,971)	
2017	-	(16,913,231)	(11,349,740)	(28,262,971)	
2018	-	(15,451,927)	(11,349,740)	(26,801,667)	(\$64,806,119)
2019	-	-	(9,741,481)	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	(\$66,191,620)	(\$43,790,701)	(\$100,240,840)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	4.0139	3.9136	3.8583	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$ -	\$ -		
2015	-	-	-	-	
2016	-	-	-	-	
2017	-	-	-	-	
2018	-	-	-	-	
2019	-	-	-	-	\$ -
2020	-	-	-	-	
2021	-	-	-	-	
2022	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$ -	\$ -	\$ -	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Public Employee Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$180,861,863	\$577,381,461	\$35,536,046		
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	158,755,874	
2018	36,172,371	115,476,292	7,107,209	158,755,872	\$447,202,458
2019	-	115,476,293	7,107,209	122,583,502	
2020	-	-	7,107,210	7,107,210	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$180,861,863	\$577,381,461	\$35,536,046	\$793,779,370	

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

Recognition Period	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$180,861,863	\$511,189,841	(\$8,254,655)		
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)	130,492,903	
2018	36,172,371	100,024,365	(4,242,531)	131,954,205	\$382,396,339
2019	-	115,476,293	(2,634,272)	112,842,021	
2020	-	-	7,107,210	7,107,210	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$180,861,863	\$511,189,841	(\$8,254,655)	\$683,797,049	

# Supplementary Information

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

Public Employee Pension Plan

Fiscal year ending December 31, 2016

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	\$ -	\$28,262,971	\$(28,262,971)
2. Due to Assets	158,755,874	-	158,755,874
3. Total	\$158,755,874	\$28,262,971	\$130,492,903
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$ -	\$28,262,971	\$(28,262,971)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	158,755,874	-	158,755,874
4. Total	\$158,755,874	\$28,262,971	\$130,492,903
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	\$ -	\$64,806,119	\$(64,806,119)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	447,202,458	-	447,202,458
4. Total	\$447,202,458	\$64,806,119	\$382,396,339
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	
	2017	\$130,492,903	
	2018	131,954,205	
	2019	112,842,021	
	2020	7,107,210	
	2021	-	
	Thereafter	-	
	Total:	\$382,396,339	

# Supplementary Information

## Statement of Fiduciary Net Position

### Public Employee Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$6,246,216	\$6,281,746
Domestic liquidity - outside banks	662,847,887	442,656,273
	669,094,103	448,938,019
<b>Receivables:</b>		
Insurance premium tax	-	-
Employee contributions	10,641,676	10,478,793
Employer contributions	10,792,048	10,619,148
Securities sold	36,170,940	26,450,950
Accrued interest and dividends	11,931,221	17,287,966
Currency contract receivable	2,428,780,024	2,902,530,772
Other	109,053	128,855
	2,498,424,962	2,967,496,484
<b>Investments, at fair value:</b>		
Fixed income	763,256,588	1,191,595,808
Equities	3,282,226,472	3,268,931,745
Private markets	804,153,534	669,645,718
Marketable alternatives	1,094,389,942	838,699,558
Security lending collateral	372,660,108	331,087,378
	6,316,686,644	6,299,960,207
Capital assets, at cost, net of accumulated depreciation	3,814,615	4,126,950
<b>Total Assets:</b>	<b>9,488,020,324</b>	<b>9,720,521,660</b>
<b>Liabilities</b>		
Payables:		
Benefits and refunds payable	791,264	560,862
Securities Purchased	23,674,013	53,039,267
Administrative and consulting fees payable	6,948,792	11,158,993
Currency contract payable	2,405,441,442	2,896,878,756
Securities lending collateral	372,660,108	331,087,378
<b>Total Liabilities</b>	<b>2,809,515,619</b>	<b>3,292,725,256</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$6,678,504,705</b>	<b>\$6,427,796,404</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

### Public Employee Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$147,649,738	\$147,360,098
Employer	149,619,229	142,665,839
Other	6,642,286	8,125,569
Administrative revenue	-	-
	303,911,253	298,151,506
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	351,707,235	(181,911,723)
Interest and dividends Employee Contributions	132,340,455	151,712,323
Total investing activity:	484,047,690	(30,199,400)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(31,385,672)	(38,944,573)
Net income/(loss) from investing activities:	452,662,018	(69,143,973)
<b>Securities lending activities:</b>		
Securities lending gross income	2,939,277	2,321,226
Securities lending expenses:		
Agent fees	(888,302)	(332,895)
Total securities lending expenses:	(888,302)	(332,895)
Net income from securities lending activities:	2,050,975	1,988,331
Total investment income/(loss)	454,712,993	(67,155,642)
Total additions(deletions)	758,624,246	230,995,864
<b>Deductions</b>		
Benefits paid / Distributions	483,482,106	450,589,769
Refunds	18,127,974	19,365,044
Administrative expenses	5,993,529	5,097,818
Administrative expenses: fund specific	-	-
Depreciation expense	312,336	312,704
Total Deductions:	507,915,945	475,365,335
Net increase/(decrease) in Net Position	250,708,301	(244,369,471)
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	6,427,796,404	6,672,165,875
End of year	\$6,678,504,705	\$6,427,796,404



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

**2016 GASB 68 REPORT**

Issued June 2017

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

State Patrol, Game & Fish Warden and Criminal Investigator Pension Plan:					
		2016		2015	
Total Contributions		\$6,957,790		\$6,620,671	
Net Pension Liability		\$76,326,608		\$77,361,473	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
606	Attorney General	\$980,288	0.140890714	\$965,484	0.145828723
633	Game & Fish Commission	1,709,474	0.245692095	1,635,541	0.247035535
638	Department of Transportation	4,261,349	0.612457260	3,996,967	0.603710258
*	Adjustment	6,679	0.000959931	22,679	0.003425484
<b>Total:</b>		<b>\$6,957,790</b>	<b>100%</b>	<b>\$6,620,671</b>	<b>100%</b>

\* 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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$8,381,210	\$19,218,847	\$49,771	\$27,649,828

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$4,143,893	\$1,076,098	\$5,219,991	\$15,211,821	\$76,326,608

\* 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 and Criminal Investigator Pension Plan

Fiscal year ending December 31,	2016	2015	2014
<b>Total Pension Liability</b>			
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
<b>Plan Fiduciary Net Position</b>			
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 (Loss)	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 Employee 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 Employee Payroll	322.92%	348.52%	152.18%

Note: Information not available prior to 2014

# Supplementary Information

## Pension Expense

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

Fiscal year ending December 31, 2016

#### A. Expense

1. Service Cost	\$7,631,559
2. Interest on the Total Pension Liability	12,213,078
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(3,678,081)
5. Projected Earnings on Plan Investments (made negative for addition here)	(9,304,546)
6. Pension Plan Administrative	114,832
7. Other Changes in Plan Fiduciary Net Position	5,897
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	5,253,490
9. Recognition of Outflow (Inflow) of Resources due to Assets	2,975,592
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
<b>11. Total Pension Expense</b>	<b>\$15,211,821</b>

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

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

Fiscal year ending December 31, 2016

#### A. Outflows (Inflows) of Resources due to Liabilities

1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$62,315
2. Assumption Changes (gains) or losses	(5,188,326)
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.9676
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	12,544
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	(1,044,433)
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(1,031,889)
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	49,771
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	(4,143,893)
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	\$(4,094,122)

#### B. Outflows (Inflows) of Resources due to Assets

1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$682,472
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	136,494
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$545,978

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

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

Fiscal year ending December 31, 2016

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

Recognition Period	4.8205	4.8865	4.9676	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	(\$1,821,706)	\$62,315		
2014	-	-	-	-	
2015	-	(372,804)	-	(372,804)	
2016	-	(372,804)	12,544	(360,260)	
2017	-	(372,804)	12,544	(360,260)	
2018	-	(372,804)	12,544	(360,260)	(\$1,026,327)
2019	-	(330,490)	12,544	(317,946)	
2020	-	-	12,139	12,139	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	(\$1,821,706)	\$62,315	(\$1,759,391)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	4.8205	4.8865	4.9676	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$32,535,213	(\$5,188,326)		
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)	5,613,750	
2018	-	6,658,183	(1,044,433)	5,613,750	\$15,074,954
2019	-	5,902,481	(1,044,433)	4,858,048	
2020	-	-	(1,010,594)	(1,010,594)	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$32,535,213	(\$5,188,326)	\$27,346,887	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

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

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000		
	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
<b>Total</b>	<b>\$3,410,288</b>	<b>\$10,785,198</b>	<b>\$682,472</b>		
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	2,975,592	
2018	682,056	2,157,040	136,494	2,975,590	\$8,381,210
2019	-	2,157,038	136,494	2,293,532	
2020	-	-	136,496	136,496	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	<b>\$3,410,288</b>	<b>\$10,785,198</b>	<b>\$682,472</b>	<b>\$14,877,958</b>	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
<b>Total</b>	<b>\$3,410,288</b>	<b>\$41,498,705</b>	<b>(\$4,443,539)</b>		
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)	8,229,082	
2018	682,056	8,442,419	(895,395)	8,229,080	\$22,429,837
2019	-	7,729,029	(895,395)	6,833,634	
2020	-	-	(861,959)	(861,959)	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	<b>\$3,410,288</b>	<b>\$41,498,705</b>	<b>(\$4,443,539)</b>	<b>\$40,465,454</b>	

# Supplementary Information

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

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

Fiscal year ending December 31, 2016

### 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	\$6,670,727	\$1,417,237	\$5,253,490
2. Due to Assets	2,975,592	-	2,975,592
3. Total	\$9,646,319	\$1,417,237	\$8,229,082

### B. Outflows (Inflows) of Resources by Source to be recognized in Current Year

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$12,544	\$372,804	\$(360,260)
2. Assumption Changes	6,658,183	1,044,433	5,613,750
3. Net Difference between projected and actual earnings on pension plan investments	2,975,592	-	2,975,592
4. Total	\$9,646,319	\$1,417,237	\$8,229,082

### 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	\$49,771	\$1,076,098	\$(1,026,327)
2. Assumption Changes	19,218,847	4,143,893	15,074,954
3. Net Difference between projected and actual earnings on pension plan investments	8,381,210	-	8,381,210
4. Total	\$27,649,828	\$5,219,991	\$22,429,837

### 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
	2017	\$8,229,082
	2018	8,229,080
	2019	6,833,634
	2020	(861,959)
	2021	-
	Thereafter	-
	Total:	\$22,429,837

# Supplementary Information

## Statement of Fiduciary Net Position

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

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$387,843	\$153,444
Domestic liquidity - outside banks	12,597,449	8,340,726
	12,985,292	8,494,170
<b>Receivables:</b>		
Insurance premium tax	-	-
Employee contributions	293,874	295,364
Employer contributions	300,334	301,582
Securities sold	691,791	503,690
Accrued interest and dividends	226,710	325,560
Currency contract receivable	46,159,054	54,690,776
	47,671,763	56,116,972
<b>Investments, at fair value:</b>		
Fixed income	14,505,720	22,452,578
Equities	62,378,835	61,594,666
Private markets	15,282,968	12,617,762
Marketable alternatives	20,798,921	15,803,150
Security lending collateral	7,082,419	6,238,496
	120,048,863	118,706,652
Capital assets, at cost, net of accumulated depreciation	70,559	76,456
<b>Total Assets:</b>	<b>180,776,477</b>	<b>183,394,250</b>
<b>Liabilities</b>		
Payables:		
Securities Purchased	449,926	999,389
Administrative and consulting fees payable	142,125	219,207
Currency contract payable	45,715,504	54,584,278
Securities lending collateral	7,082,419	6,238,496
<b>Total Liabilities</b>	<b>53,389,974</b>	<b>62,041,370</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$127,386,503</b>	<b>\$121,352,880</b>



# Supplementary Information

## Statement of Changes in Fiduciary Net Position

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

Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$3,441,080	\$3,331,298
Employer	3,516,710	3,289,373
Other	294,356	259,303
Administrative revenue	-	-
	7,252,146	6,879,974
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	6,672,321	(3,379,172)
Interest and dividends Employee Contributions	2,506,620	2,873,365
Total investing activity:	9,178,941	(505,807)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(595,695)	(730,923)
Net income/(loss) from investing activities:	8,583,246	(1,236,730)
<b>Securities lending activities:</b>		
Securities lending gross income	55,676	43,493
Securities lending expenses:		
Agent fees	(16,848)	(6,239)
Total securities lending expenses:	(16,848)	(6,239)
Net income from securities lending activities:	38,828	37,254
Total investment income/(loss)	8,622,074	(1,199,476)
Total additions(deletions)	15,874,220	5,680,498
<b>Deductions</b>		
Benefits paid / Distributions	9,396,540	8,926,088
Refunds	323,328	120,906
Administrative expenses	113,478	95,625
Administrative expenses: fund specific	1,354	292
Depreciation expense	5,897	5,850
Total Deductions:	9,840,597	9,148,761
Net increase/(decrease) in Net Position	6,033,623	(3,468,263)
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	121,352,880	124,821,143
End of year	\$127,386,503	\$121,352,880

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# Volunteer Firefighter & EMT Pension Plan

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Volunteer Firefighter & EMT Pension Plan:		2016	2015		
Total Contributions		\$420,922	\$398,050		
Net Pension Liability		\$31,745,774	\$31,691,745		
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
1027	Afton Volunteer Fire Dept.	\$6,450	0.015323504	\$5,610	0.014093707
138904	Albany County Fire District Number #1	3,930	0.009336647	60	0.000150735
1101	Albany County Volunteer Fire Dept.	4,950	0.011759899	4,825	0.012121593
1026	Albin Volunteer Fire Dept.	4,140	0.009835551	3,658	0.009188544
1061	Alpine Volunteer Fire Dept.	2,460	0.005844313	2,550	0.006406230
136063	Antelope Gap Rural Fire	1,620	0.003848694	600	0.001507348
1062	Bairoil Volunteer Fire Dept.	1,410	0.003349789	1,205	0.003027258
1103	Bar Nunn Volunteer Fire Dept.	2,265	0.005381044	2,510	0.006305740
1019	Big Horn #1 Volunteer Fire Dept.	2,505	0.005951221	2,085	0.005238035
1108	Big Horn Co. Volunteer Fire - Dist. #5	2,145	0.005095956	2,170	0.005451576
1004	Big Horn Co. Volunteer Fire Dept.	4,710	0.011189722	4,605	0.011568898
144165	Big Horn Co. Fire Protection Dist.	525	0.001247262	-	-
1050	Big Laramie Volunteer Fire Dept.	-	-	660	0.001658083
1074	Buffalo Volunteer Fire Dept.	2,700	0.006414490	2,475	0.006217812
1008	Campbell Co. Volunteer Fire Dept.	17,955	0.042656359	17,255	0.043348826
1094	Carbon Co. Volunteer Fire Dept.	6,990	0.016606402	7,333	0.018421053
1049	Casper Mountain Volunteer Fire	3,030	0.007198483	2,655	0.006670016
2050	Centennial Valley Volunteer - EMT	180	0.000427633	165	0.000414521
1095	Centennial Valley Volunteer Fire	330	0.000783993	1,965	0.004936566
1046	Chugwater Volunteer Fire Dept.	2,340	0.005559225	2,145	0.005388770
1090	Clark Volunteer Fire Dept.	1,440	0.003421061	1,320	0.003316166
1047	Cody Volunteer fire Dept.	11,745	0.027903032	10,900	0.027383495
1057	Cokeville/Bear River Fire Protection	2,085	0.004953412	2,310	0.005803291
1091	Crook Co. Volunteer Fire Dept.	3,420	0.008125021	3,345	0.008403467
1032	Daniel Volunteer Fire Dept.	-	-	50	0.000125612
1089	Dayton Volunteer Fire Dept.	3,435	0.008160657	3,728	0.009364401
1030	Douglas Volunteer Fire Dept.	7,575	0.017996208	7,325	0.018402211
1017	Dubois Volunteer Fire Dept.	5,280	0.012543892	4,975	0.012498430
2105	Eden-Farson Fire Control District	720	0.001710531	390	0.000979776
1102	Eden-Farson Volunteer Fire Dept.	1,080	0.002565796	990	0.002487125
1078	Elk Mountain Volunteer Fire Dept.	1,680	0.003991238	1,473	0.003699284
1066	Encampment Volunteer Fire Dept.	3,090	0.007341028	3,063	0.007693757
1009	Evanston Volunteer Fire Dept.	4,440	0.010548273	4,455	0.011192061
1067	Evansville Volunteer Fire Dept.	1,695	0.004026874	1,245	0.003127748
1042	Fort Laramie Volunteer Fire Dept.	930	0.002209435	1,143	0.002870242
1000	Fremont Co. Fire Protection District	26,190	0.062220554	25,573	0.064244442
2075	Fremont County - EMT	750	0.001781803	1,510	0.003793493
2120	Glendo Volunteer Ambulance - EMT	720	0.001710531	660	0.001658083
1071	Glendo Volunteer Fire Dept.	645	0.001532350	660	0.001658083
1073	Glenrock Volunteer Fire Dept.	3,360	0.007982477	3,375	0.008478834
1028	Granger Volunteer Fire Dept.	390	0.000926537	545	0.001369175
1040	Green River Volunteer Fire Dept.	7,905	0.018780202	6,628	0.016649918
1072	Greybull Volunteer Fire Dept.	3,615	0.008588290	3,300	0.008290416
2135	Guernsey Ambulance Service - EMT	60	0.000142544	255	0.000640623

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Volunteer Firefighter & EMT Pension Plan:		2016		2015	
Total Contributions		\$420,922		\$398,050	
Net Pension Liability		\$31,745,774		\$31,691,745	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
1112	Guernsey Rural Fire District	900	0.002138163	15	0.000037684
1041	Guernsey Volunteer Fire Dept.	2,535	0.006022493	1,680	0.004220575
1110	Hartville Volunteer Fire Dept.	360	0.000855265	368	0.000923251
1044	Hawk Springs Volunteer Fire Dept.	1,305	0.003100337	1,143	0.002870242
1076	Holly Frontier Refinery Fire Rescue	9,300	0.022094355	7,508	0.018860696
2150	Hulett Emergency Medical Services Inc	900	0.002138163	495	0.001243562
1070	Hulett Volunteer Fire Dept.	3,060	0.007269755	2,660	0.006682578
2155	Jackson Hole - EMT	735	0.001746167	825	0.002072604
1059	Jackson Hole Volunteer Fire	10,770	0.025586688	9,573	0.024048486
1007	Jeffrey City Volunteer Fire Dept.	1,605	0.003813058	1,160	0.002914207
1081	Johnson Co. Fire Control Dist. #1	3,223	0.007657001	3,840	0.009647029
2030	Johnson County Ambulance - EMT	3,615	0.008588290	3,540	0.008893355
1054	LaGrange Volunteer Fire Dept.	3,120	0.007412300	2,550	0.006406230
1006	Lander Volunteer Fire Dept.	8,730	0.020740185	7,848	0.019714860
1048	Laramie Co. #1 Volunteer Fire Dept.	900	0.002138163	825	0.002072604
1039	Laramie Co. #10 Volunteer Fire	1,980	0.004703959	2,075	0.005212913
1015	Laramie Co. #2 Volunteer Fire Dept.	4,470	0.010619545	4,033	0.010130637
1068	Laramie Co. #4 Volunteer Fire Dept.	2,340	0.005559225	2,265	0.005690240
1083	Laramie Co. #5 Volunteer Fire Dept.	1,800	0.004276327	1,500	0.003768371
1001	Laramie Co. #6 Volunteer Fire Dept.	2,115	0.005024684	1,515	0.003806055
1085	Laramie Co. #8 Volunteer Fire Dept.	720	0.001710531	660	0.001658083
1031	Lingle Volunteer Fire Dept.	3,720	0.008837742	3,990	0.010023866
2015	Little Snake River - EMT	900	0.002138163	850	0.002135410
1036	Lovell Volunteer Fire Dept.	5,775	0.013719882	5,445	0.013679186
1033	Lusk Volunteer Fire Dept.	4,080	0.009693007	3,490	0.008767743
1052	Manderson Volunteer Fire Dept.	2,010	0.004775232	1,928	0.004842356
1058	Medicine Bow Volunteer Fire Dept.	345	0.000819629	495	0.001243562
1016	Meeteetse Volunteer Fire Dept.	2,625	0.006236310	2,760	0.006933802
1063	Mills Volunteer Fire Dept.	180	0.000427633	165	0.000414521
1060	Moorcroft Volunteer Fire Dept.	5,145	0.012223167	3,465	0.008704937
1043	Newcastle Volunteer Fire Dept.	8,610	0.020455096	7,900	0.019846753
1096	Osage Volunteer Fire Dept.	1,170	0.002779612	1,155	0.002901646
1002	Other	3,058	0.007265004	3,650	0.009169702
1065	Palmer Canyon Fire Dept.	3,105	0.007376664	2,790	0.007009170
2375	Pine Haven Ambulance	390	0.000926537	435	0.001092828
1084	Pine Haven Volunteer Fire Dept.	1,680	0.003991238	1,760	0.004421555
1087	Powder River Fire Dist.	2,520	0.005986857	2,198	0.005520663
2265	Powell Valley Healthcare - EMT	1,800	0.004276327	1,515	0.003806055
1011	Powell Volunteer Fire Dept.	8,940	0.021239089	8,093	0.020330361
1105	Prairie Center Volunteer Fire Dept.	3,780	0.008980286	3,465	0.008704937
1025	Rawlins Volunteer Fire Dept.	1,800	0.004276327	1,500	0.003768371
1010	Riverton Volunteer Fire Dept.	8,880	0.021096545	6,898	0.017328225
1082	Rock River Volunteer Fire Dept.	360	0.000855265	330	0.000829042
1013	Salt Creek Volunteer Fire Dept.	360	0.000855265	225	0.000565256

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Volunteer Firefighter & EMT Pension Plan:		2016		2015	
Total Contributions		\$420,922		\$398,050	
Net Pension Liability		\$31,745,774		\$31,691,745	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
1021	Saratoga Volunteer Fire Dept.	6,315	0.015002780	5,363	0.013471926
1100	Shell Volunteer Fire Dept.	900	0.002138163	705	0.001771134
1109	Sheridan Area Rural Volunteer Fire	3,435	0.008160657	3,280	0.008240171
1035	Sinclair Refinery Volunteer Fire Dept.	10,155	0.024125610	9,188	0.023081271
1056	Sinclair Volunteer Fire Dept.	1,140	0.002708340	963	0.002418038
2390	South Central EMS	2,295	0.005452317	2,123	0.005332245
2070	South Lincoln Co. - EMT	45	0.000106908	343	0.000860445
1005	South Lincoln Volunteer Fire Dept.	4,875	0.011581718	4,395	0.011041326
2000	Star Valley Medical Center - EMT	1,410	0.003349789	1,443	0.003623917
1080	Story Voluntee Fire Dept.	2,040	0.004846504	1,840	0.004622535
2255	Sublette County Rural Health - EMT	-	-	38	0.000094209
131781	Sublette County Unified Fire	12,885	0.030611372	11,943	0.030002512
1018	Sundance Volunteer Fire Dept.	2,040	0.004846504	1,225	0.003077503
132195	Superior Volunteer Fire Dept.	1,155	0.002743976	1,350	0.003391534
1075	Sweetwater Co. Volunteer Fire Dept.	1,155	0.002743976	888	0.002229619
1023	Sweetwater Dist. 1 Volunteer Fire	7,020	0.016677674	6,763	0.016989072
2310	Ten Sleep Ambulance Service - EMT	900	0.002138163	1,065	0.002675543
1069	Ten Sleep Volunteer Fire Dept.	1,380	0.003278517	990	0.002487125
1107	Teton Village Volunteer Fire Dept.	3,240	0.007697388	3,020	0.007586987
2370	Thayne Ambulance Service - EMT	2,205	0.005238500	1,845	0.004635096
1029	Thayne Volunteer Fire Dept.	4,365	0.010370092	3,985	0.010011305
1024	Thermopolis Volunteer Fire Dept.	5,460	0.012971524	4,888	0.012278608
1099	Tongue River Volunteer Fire Dept.	1,620	0.003848694	1,485	0.003730687
2320	Torrington Ambulance Service - EMT	720	0.001710531	765	0.001921869
1014	Torrington Volunteer Fire Dept.	7,725	0.018352569	6,613	0.016612235
2250	Town of Pine Bluffs EMS	360	0.000855265	330	0.000829042
1104	Uinta Co. Volunteer Fire Dept	3,390	0.008053749	3,075	0.007725160
2095	Uinta County - EMT	6,375	0.015145324	5,610	0.014093707
1020	Upton Volunteer Fire Dept.	4,815	0.011439174	4,498	0.011298832
1106	Vedauwoo Volunteer Fire Dept.	-	-	960	0.002411757
1079	Veteran Volunteer Fire Dept.	3,240	0.007697388	2,955	0.007423690
1093	Wamsutter Volunteer Fire Dept.	1,320	0.003135973	1,205	0.003027258
2340	Washakie County - EMT	1,260	0.002993429	1,305	0.003278483
2065	West Park Hospital - EMT	1,080	0.002565796	990	0.002487125
1064	Weston Co Volunteer Fire Protection	6,120	0.014539511	5,710	0.014344932
1034	Wheatland Volunteer Fire Dept.	5,775	0.013719882	5,385	0.013528451
1053	Worland Volunteer Fire Dept.	3,510	0.008338837	3,953	0.009929657
1077	Yoder Volunteer Fire Dept.	1,110	0.002637068	1,470	0.003693003
*	Adjustment	(514)	(0.001221129)	9,785	0.024582339
<b>Total:</b>		<b>\$420,922</b>	<b>100%</b>	<b>\$398,050</b>	<b>100%</b>

\* 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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$5,013,816	\$227,649	\$5,241,465

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$450,695	\$220,974	\$671,669	\$4,761,803	\$31,745,774

\* 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 Pension Plan

Fiscal year ending December 31,	2016	2015	2014
<b>Total Pension Liability</b>			
Service Cost	\$1,285,552	\$1,253,883	See Note 3
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)	-
<b>Net Change in Total Pension Liability</b>	<b>\$3,026,029</b>	<b>\$25,455,808</b>	<b>-</b>
Total Pension Liability - Beginning	\$102,757,731	\$77,723,993	-
Total Pension Liability - Ending (a)	\$105,783,760	\$103,179,801	-
<b>Plan Fiduciary Net Position</b>			
Employer Contributions	\$3,198,930	\$2,238,612	-
Employee Contributions	459,363	417,406	-
Pension Plan Net Investment Income (Loss)	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)	-
<b>Net Change in Plan Fiduciary Net Position</b>	<b>\$2,972,000</b>	<b>(\$2,963,791)</b>	<b>-</b>
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	\$32,113,815	-
<b>Plan Fiduciary Net Position as a Percentage of Total Pension Liability</b>	<b>69.99%</b>	<b>69.16%</b>	<b>-</b>
Covered Employee Payroll	N/A See Note 2	N/A See Note 2	-
Net Pension Liability as a Percentage of Covered Employee Payroll	N/A See Note 2	N/A See Note 2	-

Note 1: "Other" changes to Plan Fiduciary Net Position includes other funding sources and depreciation expenses.

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

Note 3: The Volunteer Firefighter and EMT Retirement System is a new plan with new benefit provisions formed as of July 1, 2015 from the discontinued prior Volunteer Fireman's Pension Plan and the Volunteer EMT Pension Plan. An actuarial valuation of the new plan has not been performed yet and the Total Pension Liability does not exist as of January 1, 2015. The total pension liability shown in this report is based on an estimated valuation performed as of January 1, 2015 rolled forward to a measurement date of December 31, 2015.

# Supplementary Information

## Pension Expense

Volunteer Firefighter & EMT Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Expense</b>	
1. Service Cost	\$1,285,552
2. Interest on the Total Pension Liability	7,761,646
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(459,363)
5. Projected Earnings on Plan Investments (made negative for addition here)	(5,431,357)
6. Pension Plan Administrative	80,904
7. Other Changes in Plan Fiduciary Net Position	3,453
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(255,261)
9. Recognition of Outflow (Inflow) of Resources due to Assets	1,776,229
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
<b>11. Total Pension Expense</b>	<b>\$4,761,803</b>

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

Volunteer Firefighter & EMT Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$479,308)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	3.7634
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	(127,360)
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	(127,360)
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	(351,948)
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	\$(351,948)
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$491,432
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	98,286
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$393,146

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Volunteer Firefighter & EMT Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	7.2249	3.7588	3.7634	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	(\$211,035)	(\$479,308)		
2014	-	-	-	-	
2015	-	(56,144)	-	(56,144)	
2016	-	(56,144)	(127,360)	(183,504)	
2017	-	(56,144)	(127,360)	(183,504)	
2018	-	(42,603)	(127,360)	(169,963)	(\$450,695)
2019	-	-	(97,228)	(97,228)	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	(\$211,035)	(\$479,308)	(\$690,343)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.2249	3.7588	3.7634	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$389,295	(\$472,252)	\$ -		
2014	53,882	-	-	53,882	
2015	53,882	(125,639)	-	(71,757)	
2016	53,882	(125,639)	-	(71,757)	
2017	53,882	(125,639)	-	(71,757)	
2018	53,882	(95,335)	-	(41,453)	\$6,675
2019	53,882	-	-	53,882	
2020	53,882	-	-	53,882	
2021	12,121	-	-	12,121	
Thereafter	-	-	-	-	
	\$389,295	(\$472,252)	\$ -	(\$82,957)	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Volunteer Firefighter & EMT Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000		
	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$2,065,788	\$6,323,926	\$491,432		
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	1,776,229	
2018	413,156	1,264,785	98,286	1,776,227	\$5,013,816
2019	-	1,264,786	98,286	1,363,072	
2020	-	-	98,288	98,288	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$2,065,788	\$6,323,926	\$491,432	\$8,881,146	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$2,455,083	\$5,640,639	\$12,124		
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)	1,520,968	
2018	467,038	1,126,847	(29,074)	1,564,811	\$4,569,796
2019	53,882	1,264,786	1,058	1,319,726	
2020	53,882	-	98,288	152,170	
2021	12,121	-	-	12,121	
Thereafter	-	-	-	-	
	\$2,455,083	\$5,640,639	\$12,124	\$8,107,846	

# Supplementary Information

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

Volunteer Firefighter & EMT Pension Plan

Fiscal year ending December 31, 2016

<b>A. Outflows (Inflows) of Resources due to Liabilities and Assets to be recognized in Current Pension Expense</b>			
	<b>Outflows of Resources</b>	<b>Inflows of Resources</b>	<b>Net Outflows of Resources</b>
1. Due to Liabilities	\$53,882	\$309,143	\$(255,261)
2. Due to Assets	1,776,229	-	1,776,229
3. Total	\$1,830,111	\$309,143	\$1,520,968
<b>B. Outflows (Inflows) of Resources by Source to be recognized in Current Year</b>			
	<b>Outflows of Resources</b>	<b>Inflows of Resources</b>	<b>Net Outflows of Resources</b>
1. Differences between expected and actual experience	\$-	\$183,504	\$(183,504)
2. Assumption Changes	53,882	125,639	(71,757)
3. Net Difference between projected and actual earnings on pension plan investments	1,776,229	-	1,776,229
4. Total	\$1,830,111	\$309,143	\$1,520,968
<b>C. Deferred Outflows and Deferred Inflows of Resources by Source to be recognized in Future Pension Expenses</b>			
	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>	<b>Net Deferred Outflows of Resources</b>
1. Differences between expected and actual experience	\$-	\$450,695	\$(450,695)
2. Assumption Changes	227,649	220,974	6,675
3. Net Difference between projected and actual earnings on pension plan investments	5,013,816	-	5,013,816
4. Total	\$5,241,465	\$671,669	\$4,569,796
<b>D. Deferred Outflows and Deferred Inflows of Resources by Year to be recognized in Future Pension Expenses</b>			
	<b>Fiscal Year Ending Dec 31</b>	<b>Net Deferred Outflows of Resources</b>	
	2017	\$1,520,968	
	2018	1,564,811	
	2019	1,319,726	
	2020	152,170	
	2021	12,121	
	Thereafter	-	
	Total:	\$4,569,796	

# Supplementary Information

## Statement of Fiduciary Net Position

### Volunteer Firefighter & EMT Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$530,207	\$198,398
Domestic liquidity - outside banks	7,231,389	4,852,016
	7,761,596	5,050,414
<b>Receivables:</b>		
Insurance premium tax	950,000	719,099
Employee contributions	27,510	42,995
Securities sold	394,610	282,720
Accrued interest and dividends	130,628	190,182
Currency contract receivable	26,496,957	31,815,043
	27,999,705	33,050,039
<b>Investments, at fair value:</b>		
Fixed income	8,326,805	13,061,247
Equities	35,807,694	35,831,215
Private markets	8,772,973	7,340,080
Marketable alternatives	11,939,329	9,193,102
Security lending collateral	4,065,563	3,629,095
	68,912,364	69,054,739
Capital assets, at cost, net of accumulated depreciation	42,172	45,625
<b>Total Assets:</b>	<b>104,715,837</b>	<b>107,200,817</b>
<b>Liabilities</b>		
Payables:		
Benefits and refunds payable	1,064	14,016
Securities Purchased	258,273	581,371
Administrative and consulting fees payable	110,608	157,259
Currency contract payable	26,242,343	31,753,090
Securities lending collateral	4,065,563	3,629,095
<b>Total Liabilities</b>	<b>30,677,851</b>	<b>36,134,831</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$74,037,986</b>	<b>\$71,065,986</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

### Volunteer Firefighter & EMT Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$420,922	\$398,050
Employer	-	-
Other	3,237,371	2,257,968
Administrative revenue	-	-
	3,658,293	2,656,018
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	3,808,995	(1,945,520)
Interest and dividends Employee Contributions	1,449,217	1,673,587
Total investing activity:	5,258,212	(271,933)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(340,556)	(425,080)
Net income/(loss) from investing activities:	4,917,656	(697,013)
<b>Securities lending activities:</b>		
Securities lending gross income	31,929	25,352
Securities lending expenses:		
Agent fees	(9,660)	(3,637)
Total securities lending expenses:	(9,660)	(3,637)
Net income from securities lending activities:	22,269	21,715
Total investment income/(loss)	4,939,925	(675,298)
Total additions(deletions)	8,598,218	1,980,720
<b>Deductions</b>		
Benefits paid / Distributions	5,506,699	4,832,911
Refunds	35,162	34,719
Administrative expenses	69,302	60,341
Administrative expenses: fund specific	11,602	13,071
Depreciation expense	3,453	3,469
Total Deductions:	5,626,218	4,944,511
Net increase/(decrease) in Net Position	2,972,000	(2,963,791)
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	71,065,986	74,029,777
End of year	\$74,037,986	\$71,065,986

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# Paid Firemen's Pension Plan A

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Paid Firemen's Pension Plan A:		2016	2015		
Annual Benefits Paid		\$15,075,912	\$14,824,715		
Net Pension Liability		\$183,472,767	\$185,454,429		
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
491	Campbell County	\$108,884	0.007222382	\$66,700	0.004499243
498	Casper/Natrona County Airport	36,514	0.002422009	35,451	0.000191157
489	City Of Casper	4,443,889	0.294767507	4,311,337	0.290820903
490	City Of Cheyenne	4,542,853	0.301331886	4,317,621	0.291244790
492	City Of Laramie	2,762,032	0.183208286	2,708,916	0.182729719
495	City Of Rawlins	191,457	0.012699530	185,880	0.012538521
496	City Of Rock Springs	1,276,690	0.084684097	1,299,015	0.087624956
497	City Of Sheridan	1,214,524	0.080560566	1,179,150	0.079539472
493	Natrona Cnty Fire Protection	420,175	0.027870619	407,938	0.027517426
*	Adjustment	78,894	0.005233116	312,707	0.021093626
<b>Total:</b>		<b>\$15,075,912</b>	<b>100%</b>	<b>\$14,824,715</b>	<b>100%</b>

\* 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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$9,028,136	\$-	\$9,028,136

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$-	\$-	\$-	\$371,079	\$183,472,767

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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	-	-	-
<b>Net Change in Total Pension Liability</b>	<b>(\$9,013,750)</b>	<b>\$4,825,603</b>	<b>\$98,271,881</b>
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
<b>Plan Fiduciary Net Position</b>			
Employer Contributions	\$ -	\$ -	\$ -
Employee Contributions	-	-	-
Pension Plan Net Investment Income (Loss)	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)
<b>Net Change in Plan Fiduciary Net Position</b>	<b>(\$7,032,088)</b>	<b>(\$16,041,184)</b>	<b>(\$7,633,320)</b>
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 Employee Payroll	\$195,221	\$179,486	\$198,404
Projected Valuation Payroll	\$195,221	\$179,486	\$198,404
Net Pension Liability as a Percentage of Covered Employee 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,	2016
<b>A. Expense</b>	
1. Service Cost	\$147,314
2. Interest on the Total Pension Liability	12,906,407
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	-
5. Projected Earnings on Plan Investments (made negative for addition here)	(9,013,422)
6. Pension Plan Administrative	110,274
7. Other Changes in Plan Fiduciary Net Position	6,019
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(6,991,559)
9. Recognition of Outflow (Inflow) of Resources due to Assets	3,206,046
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
11. Total Pension Expense	\$371,079

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

\*\* Includes change in the blended single discount rate from 4.25% to 4.377%

## Statement of Outflows and Inflows Arising from Current Reporting Period

Paid Firemen's Pension Plan A	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$1,825,288)
2. Assumption Changes (gains) or losses	(5,166,271)
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	(1,825,288)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	(5,166,271)
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(6,991,559)
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>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$853,305
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	170,661
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$682,644

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan A

Fiscal year ending December 31, 2016

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

Recognition Period	1.0000	1.0000	1.0000	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	(\$2,479,196)	(\$1,825,288)		
2014	-	-	-	-	
2015	-	(2,479,196)	-	(2,479,196)	
2016	-	-	(1,825,288)	(1,825,288)	
2017	-	-	-	-	
2018	-	-	-	-	\$ -
2019	-	-	-	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	(\$2,479,196)	(\$1,825,288)	(\$4,304,484)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	1.0000	1.0000	1.0000	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$99,327,064	\$9,056,601	(\$5,166,271)		
2014	99,327,064	-	-	99,327,064	
2015	-	9,056,601	-	9,056,601	
2016	-	-	(5,166,271)	(5,166,271)	
2017	-	-	-	-	
2018	-	-	-	-	\$ -
2019	-	-	-	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$99,327,064	\$9,056,601	(\$5,166,271)	\$103,217,394	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan A

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000		
	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$3,803,304	\$11,373,619	\$491,432		
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	3,206,046	
2018	760,660	2,274,724	170,661	3,206,045	\$9,028,136
2019	-	2,274,723	170,661	2,445,384	
2020	-	-	170,661	170,661	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$3,803,304	\$11,373,619	\$853,305	\$16,030,228	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$103,130,368	\$17,951,024	(\$6,138,254)		
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	3,206,046	
2018	760,660	2,274,724	170,661	3,206,045	\$9,028,136
2019	-	2,274,723	170,661	2,445,384	
2020	-	-	170,661	170,661	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$103,130,368	\$17,951,024	(\$6,138,254)	\$114,943,138	



# 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, 2016

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	\$-	\$6,991,559	\$(6,991,559)
2. Due to Assets	3,206,046	-	3,206,046
3. Total	\$3,206,046	\$6,991,559	\$(3,785,513)
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$-	\$1,825,288	\$(1,825,288)
2. Assumption Changes	-	5,166,271	(5,166,271)
3. Net Difference between projected and actual earnings on pension plan investments	3,206,046	-	3,206,046
4. Total	\$3,206,046	\$6,991,559	\$(3,785,513)
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	9,028,136	-	9,028,136
4. Total	\$9,028,136	\$-	\$9,028,136
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	
	2017	\$3,206,046	
	2018	3,206,045	
	2019	2,445,384	
	2020	170,661	
	2021	-	
	Thereafter	-	
	Total:	\$9,028,136	

# Supplementary Information

## Statement of Fiduciary Net Position

### Paid Firemen's Pension Plan A

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$831,044	\$792,080
Domestic liquidity - outside banks	11,561,786	8,512,907
	12,392,830	9,304,987
<b>Receivables:</b>		
Securities sold	630,915	508,689
Accrued interest and dividends	208,256	332,515
Currency contract receivable	42,364,220	55,819,774
	43,203,391	56,660,978
<b>Investments, at fair value:</b>		
Fixed income	13,313,174	22,916,074
Equities	57,250,539	62,866,183
Private markets	14,026,522	12,878,235
Marketable alternatives	19,088,998	16,129,379
Security lending collateral	6,500,158	6,367,279
	110,179,391	121,157,150
Capital assets, at cost, net of accumulated depreciation	91,399	97,419
<b>Total Assets:</b>	<b>165,867,011</b>	<b>187,220,534</b>
<b>Liabilities</b>		
Payables:		
Securities Purchased	412,936	1,020,020
Administrative and consulting fees payable	130,548	223,835
Currency contract payable	41,957,135	55,711,077
Securities lending collateral	6,500,158	6,367,279
<b>Total Liabilities</b>	<b>49,000,777</b>	<b>63,322,211</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$116,866,234</b>	<b>\$123,898,323</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

Paid Firemen's Pension Plan A		
Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$ -	\$ -
Employer	-	-
Other	-	-
Administrative revenue	-	-
	-	-
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	6,226,546	(3,461,501)
Interest and dividends Employee Contributions	2,455,652	3,082,432
Total investing activity:	8,682,198	(379,069)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(559,410)	(767,808)
Net income/(loss) from investing activities:	8,122,788	(1,146,877)
<b>Securities lending activities:</b>		
Securities lending gross income	53,269	46,542
Securities lending expenses:		
Agent fees	(15,940)	(6,673)
Total securities lending expenses:	(15,940)	(6,673)
Net income from securities lending activities:	37,329	39,869
Total investment income/(loss)	8,160,117	(1,107,008)
Total additions(deletions)	8,160,117	(1,107,008)
<b>Deductions</b>		
Benefits paid / Distributions	15,075,912	14,824,715
Refunds	-	-
Administrative expenses	110,274	102,902
Administrative expenses: fund specific	-	-
Depreciation expense	6,020	6,558
Total Deductions:	15,192,206	14,934,175
Net increase/(decrease) in Net Position	(7,032,089)	(16,041,183)
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	123,898,323	139,939,506
End of year	\$116,866,234	\$123,898,323

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# Paid Firemen's Pension Plan B

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Paid Firemen's Pension Plan B:		2016		2015	
Total Contributions			\$5,975,827		\$5,801,815
Net Pension Liability			\$31,561,325		\$30,574,602
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
491	Campbell County	\$387,539	0.064851108	\$332,070	0.057235537
498	Casper/Natrona County Airport	92,983	0.015559855	99,462	0.017143256
489	City Of Casper	1,216,131	0.203508401	1,232,105	0.212365441
490	City Of Cheyenne	1,402,881	0.234759306	1,366,578	0.235543188
492	City Of Laramie	728,832	0.121963370	745,320	0.128463248
495	City Of Rawlins	134,378	0.022486929	125,190	0.021577730
496	City Of Rock Springs	584,375	0.097789812	598,631	0.103179953
497	City Of Sheridan	221,056	0.036991700	221,416	0.038163230
478	Evansville Emergency Services	96,690	0.016180187	102,198	0.017614833
501	Jackson/Teton Co. Fire Dept.	339,436	0.056801510	279,042	0.048095639
476	Johnson County Fire Dept.	13,852	0.002318006	13,424	0.002313759
477	Laramie County Fire District # 2	41,065	0.006871852	30,885	0.005323334
493	Natrona Cnty Fire Protection	482,275	0.080704311	435,955	0.075141141
474	Town Of Mills	113,636	0.019015945	97,218	0.016756481
475	Uinta County Fire Protection	84,639	0.014163563	84,584	0.014578886
486	Worland Protection Dist	24,360	0.004076423	15,095	0.002601772
*	Adjustment	11,699	0.001957721	22,642	0.003902572
<b>Total:</b>		<b>\$5,975,827</b>	<b>100%</b>	<b>\$5,801,815</b>	<b>100%</b>

\* 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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$7,969,026	\$15,353,126	\$91,414	\$23,413,566

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$1,311,951	\$82,062	\$1,394,013	\$10,314,876	\$31,561,325

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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
<b>Plan Fiduciary Net Position</b>			
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 (Loss)	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 Employee 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 Employee 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,	2016
<b>A. Expense</b>	
1. Service Cost	\$7,422,919
2. Interest on the Total Pension Liability	9,744,190
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(2,858,418)
5. Projected Earnings on Plan Investments (made negative for addition here)	(9,157,551)
6. Pension Plan Administrative	112,132
7. Other Changes in Plan Fiduciary Net Position	5,700
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	2,222,532
9. Recognition of Outflow (Inflow) of Resources due to Assets	2,823,372
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
11. Total Pension Expense	\$10,314,876

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

\*\* Includes change in the blended single discount rate from 6.517% to 6.593%

## Statement of Outflows and Inflows Arising from Current Reporting Period

Paid Firemen's Pension Plan B	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$93,703)
2. Assumption Changes (gains) or losses	(1,498,059)
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	8.0494
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	(11,641)
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	(186,108)
6. Total Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	(197,749)
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	(82,062)
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for assumption Changes	(1,311,951)
9. Total Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	\$ (1,394,013)
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$680,474
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	136,095
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$ 544,379

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan B

Fiscal year ending December 31, 2016

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

Recognition Period	8.7186	8.3813	8.0494	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$120,064	(\$93,703)		
2014	-	-	-	-	
2015	-	14,325	-	14,325	
2016	-	14,325	(11,641)	2,684	
2017	-	14,325	(11,641)	2,684	
2018	-	14,325	(11,641)	2,684	\$9,352
2019	-	14,325	(11,641)	2,684	
2020	-	14,325	(11,641)	2,684	
2021	-	14,325	(11,641)	2,684	
Thereafter	-	19,789	(23,857)	(4,068)	
	\$ -	\$120,064	(\$93,703)	\$26,361	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	8.7186	8.3813	8.0494	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$20,165,038	(\$1,498,059)		
2014	-	-	-	-	
2015	-	2,405,956	-	2,405,956	
2016	-	2,405,956	(186,108)	2,219,848	
2017	-	2,405,956	(186,108)	2,219,848	
2018	-	2,405,956	(186,108)	2,219,848	\$14,041,175
2019	-	2,405,956	(186,108)	2,219,848	
2020	-	2,405,956	(186,108)	2,219,848	
2021	-	2,405,956	(186,108)	2,219,848	
Thereafter	-	3,323,346	(381,411)	2,941,935	
	\$ -	\$20,165,038	(\$1,498,059)	\$18,666,979	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Paid Firemen's Pension Plan B

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$3,185,937	\$10,250,451	\$680,474		
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	2,823,372	
2018	637,189	2,050,090	136,095	2,823,374	\$7,969,026
2019	-	2,050,091	136,095	2,186,186	
2020	-	-	136,094	136,094	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$3,185,937	\$10,250,451	\$680,474	\$14,116,862	

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

Recognition Period	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$3,185,937	\$30,535,553	(\$911,288)		
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)	5,045,904	
2018	637,189	4,470,371	(61,654)	5,045,906	\$22,019,553
2019	-	4,470,372	(61,654)	4,408,718	
2020	-	2,420,281	(61,655)	2,358,626	
2021	-	2,420,281	(197,749)	2,222,532	
Thereafter	-	3,343,135	(405,268)	2,937,867	
	\$3,185,937	\$30,535,553	(\$911,288)	\$32,810,202	

# 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, 2016

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	\$2,420,281	\$197,749	\$2,222,532
2. Due to Assets	2,823,372	-	2,823,372
3. Total	\$5,243,653	\$197,749	\$5,045,904
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$14,325	\$11,641	\$2,684
2. Assumption Changes	2,405,956	186,108	2,219,848
3. Net Difference between projected and actual earnings on pension plan investments	2,823,372	-	2,823,372
4. Total	\$5,243,653	\$197,749	\$5,045,904
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	\$91,414	\$82,062	\$9,352
2. Assumption Changes	15,353,126	1,311,951	14,041,175
3. Net Difference between projected and actual earnings on pension plan investments	7,969,026	-	7,969,026
4. Total	\$23,413,566	\$1,394,013	\$22,019,553
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	
	2017	\$5,045,904	
	2018	5,045,906	
	2019	4,408,718	
	2020	2,358,626	
	2021	2,222,532	
	Thereafter	2,937,867	
	Total:	\$22,019,553	

# Supplementary Information

## Statement of Fiduciary Net Position

### Paid Firemen's Pension Plan B

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$569,230	\$400,022
Domestic liquidity - outside banks	12,597,051	8,054,449
	13,166,281	8,454,471
<b>Receivables:</b>		
Employee contributions	230,735	200,350
Employer contributions	299,494	260,054
Securities sold	687,408	481,294
Accrued interest and dividends	227,696	317,016
Currency contract receivable	46,157,598	52,813,632
	47,602,931	54,072,346
<b>Investments, at fair value:</b>		
Fixed income	14,505,262	21,681,941
Equities	62,376,868	59,480,560
Private markets	15,282,485	12,184,685
Marketable alternatives	20,798,265	15,260,741
Security lending collateral	7,082,196	6,024,373
	120,045,076	114,632,300
Capital assets, at cost, net of accumulated depreciation	60,990	66,690
<b>Total Assets:</b>	<b>180,875,278</b>	<b>177,225,807</b>
<b>Liabilities</b>		
Payables:		
Securities Purchased	449,911	965,088
Administrative and consulting fees payable	142,083	211,611
Currency contract payable	45,714,061	52,710,789
Securities lending collateral	7,082,196	6,024,373
<b>Total Liabilities</b>	<b>53,388,251</b>	<b>59,911,861</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$127,487,027</b>	<b>\$117,313,946</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

### Paid Firemen's Pension Plan B

Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$2,604,866	\$2,528,514
Employer	3,370,961	3,273,301
Other	253,552	396,605
	6,229,379	6,198,420
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	6,560,049	(3,218,890)
Interest and dividends Employee Contributions	2,465,631	2,716,702
Total investing activity:	9,025,680	(502,188)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(586,602)	(691,380)
Net income/(loss) from investing activities:	8,439,078	(1,193,568)
<b>Securities lending activities:</b>		
Securities lending gross income	54,546	40,885
Securities lending expenses:		
Agent fees	(16,547)	(5,865)
Total securities lending expenses:	(16,547)	(5,865)
Net income from securities lending activities:	37,999	35,020
Total investment income/(loss)	8,477,077	(1,158,548)
Total additions(deletions)	14,706,456	5,039,872
<b>Deductions</b>		
Benefits paid / Distributions	4,343,944	3,712,240
Refunds	71,599	75,062
Administrative expenses	111,470	90,438
Administrative expenses: fund specific	662	-
Depreciation expense	5,700	5,444
Total Deductions:	4,533,375	3,883,184
Net increase/(decrease) in Net Position	10,173,081	1,156,688
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	117,313,946	116,157,258
End of year	\$127,487,027	\$117,313,946

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# Judicial Pension Plan

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Judicial Pension Plan:		2016		2015	
Total Contributions			\$1,514,762	\$1,506,411	
Net Pension Liability (Asset)			\$(311,260)	\$31,550	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
742	Judicial	\$1,514,762	100	\$1,506,411	100
<b>Total:</b>		<b>\$1,514,762</b>	<b>100%</b>	<b>\$1,506,411</b>	<b>100%</b>

\* 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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$1,575,446	\$-	\$1,575,446

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability (Asset)
\$-	\$-	\$474,760	\$474,760	\$1,152,337	\$(311,260)

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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	-	-	-
<b>Net Change in Total Pension Liability</b>	<b>\$1,846,446</b>	<b>\$1,618,733</b>	<b>\$1,950,700</b>
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
<b>Plan Fiduciary Net Position</b>			
Employer Contributions	\$925,971	\$920,867	\$916,598
Employee Contributions	588,791	585,545	582,831
Pension Plan Net Investment Income (Loss)	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)
<b>Net Change in Plan Fiduciary Net Position</b>	<b>\$2,189,256</b>	<b>\$327,582</b>	<b>\$1,744,337</b>
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	\$22,874,649
Net Pension Liability - Ending (a) - (b)	(\$311,260)	\$31,550	(\$1,259,541)
<b>Plan Fiduciary Net Position as a Percentage of Total Pension Liability</b>	<b>101.24%</b>	<b>99.86%</b>	<b>105.83%</b>
Covered Employee Payroll	\$6,384,628	\$6,363,028	\$5,989,181
Projected Valuation Payroll	\$6,624,052	\$6,601,641	\$6,213,775
<b>Net Pension Liability as a Percentage of Covered Employee Payroll</b>	<b>-4.88%</b>	<b>0.50%</b>	<b>-21.03%</b>

Note: Information not available prior to 2014

# Supplementary Information

## Pension Expense

Judicial Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Expense</b>	
1. Service Cost	\$1,263,270
2. Interest on the Total Pension Liability	1,793,779
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(588,791)
5. Projected Earnings on Plan Investments (made negative for addition here)	(1,817,949)
6. Pension Plan Administrative	22,090
7. Other Changes in Plan Fiduciary Net Position	1,128
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(78,867)
9. Recognition of Outflow (Inflow) of Resources due to Assets	557,677
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
11. Total Pension Expense	\$1,152,337

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

Judicial Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$229,282)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	7.3715
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	(31,104)
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	(31,104)
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	(198,178)
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	\$(198,178)
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$138,916
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	27,783
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$111,133

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Judicial Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	7.9046	7.7907	7.3715	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	(\$372,108)	(\$229,282)		
2014	-	-	-	-	
2015	-	(47,763)	-	(47,763)	
2016	-	(47,763)	(31,104)	(78,867)	
2017	-	(47,763)	(31,104)	(78,867)	
2018	-	(47,763)	(31,104)	(78,867)	(\$474,760)
2019	-	(47,763)	(31,104)	(78,867)	
2020	-	(47,763)	(31,104)	(78,867)	
2021	-	(47,763)	(31,104)	(78,867)	
Thereafter	-	(37,767)	(42,658)	(80,425)	
	\$ -	(\$372,108)	(\$229,282)	(\$601,390)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.9046	7.7907	7.3715	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$ -	\$ -		
2014	-	-	-	-	
2015	-	-	-	-	
2016	-	-	-	-	
2017	-	-	-	-	
2018	-	-	-	-	\$ -
2019	-	-	-	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$ -	\$ -	\$ -	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

### Judicial Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$626,833	\$2,022,635	\$138,916		
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	557,677	
2018	125,365	404,527	27,783	557,675	\$1,575,446
2019	-	404,527	27,783	432,310	
2020	-	-	27,784	27,784	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$626,833	\$2,022,635	\$138,916	\$2,788,384	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
Total	\$626,833	\$1,650,527	(\$90,366)		
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)	478,810	
2018	125,365	356,764	(3,321)	478,808	\$1,100,686
2019	-	356,764	(3,321)	353,443	
2020	-	(47,763)	(3,320)	(51,083)	
2021	-	(47,763)	(31,104)	(78,867)	
Thereafter	-	(37,767)	(42,658)	(80,425)	
	\$626,833	\$1,650,527	(\$90,366)	\$2,186,994	



# Supplementary Information

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

Judicial Pension Plan

Fiscal year ending December 31, 2016

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	\$-	\$78,867	\$(78,867)
2. Due to Assets	557,677	-	557,677
3. Total	\$557,677	\$78,867	\$478,810
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$-	\$78,867	\$(78,867)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	557,677	-	557,677
4. Total	\$557,677	\$78,867	\$478,810
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	\$-	\$474,760	\$(474,760)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	1,575,446	-	1,575,446
4. Total	\$1,575,446	\$474,760	\$1,100,686
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	
	2017	\$478,810	
	2018	478,808	
	2019	353,443	
	2020	(51,083)	
	2021	(78,867)	
	Thereafter	(80,425)	
	Total:	\$1,100,686	

# Supplementary Information

## Statement of Fiduciary Net Position

Judicial Pension Plan		
Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$143,156	\$23,529
Domestic liquidity - outside banks	2,503,948	1,594,430
	2,647,104	1,617,959
<b>Receivables:</b>		
Employee contributions	49,066	49,066
Employer contributions	77,164	77,164
Securities sold	136,638	95,275
Accrued interest and dividends	45,323	62,791
Currency contract receivable	9,174,865	10,454,800
	9,483,056	10,739,096
<b>Investments, at fair value:</b>		
Fixed income	2,883,248	4,292,081
Equities	12,398,810	11,774,562
Private markets	3,037,739	2,412,037
Marketable alternatives	4,134,125	3,020,962
Security lending collateral	1,407,746	1,192,564
	23,861,668	22,692,206
Capital assets, at cost, net of accumulated depreciation	11,838	12,966
<b>Total Assets:</b>	<b>36,003,666</b>	<b>35,062,227</b>
<b>Liabilities</b>		
Payables:		
Securities Purchased	89,430	191,045
Administrative and consulting fees payable	28,241	41,885
Currency contract payable	9,086,702	10,434,442
Securities lending collateral	1,407,746	1,192,564
<b>Total Liabilities</b>	<b>10,612,119</b>	<b>11,859,936</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$25,391,547</b>	<b>\$23,202,291</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

Judicial Pension Plan		
Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$588,791	\$585,545
Employer	925,971	920,866
	1,514,762	1,506,411
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	1,298,738	(634,341)
Interest and dividends Employee Contributions	488,997	535,522
Total investing activity:	1,787,735	(98,819)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(116,227)	(136,387)
Net income/(loss) from investing activities:	1,671,508	(235,206)
<b>Securities lending activities:</b>		
Securities lending gross income	10,802	8,060
Securities lending expenses:		
Agent fees	3,277	(1,156)
Total securities lending expenses:	3,277	(1,156)
Net income from securities lending activities:	7,525	6,904
Total investment income/(loss)	1,679,033	(228,302)
Total additions(deletions)	3,193,795	1,278,109
<b>Deductions</b>		
Benefits paid / Distributions	981,321	931,621
Administrative expenses	22,090	17,834
Depreciation expense	1,128	1,072
Total Deductions:	1,004,539	950,527
Net increase/(decrease) in Net Position	2,189,256	327,582
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	23,202,291	22,874,709
End of year	\$25,391,547	\$23,202,291

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# Law Enforcement Pension Plan

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Law Enforcement Pension Plan:		2016		2015	
Total Contributions		\$26,913,957		\$27,036,932	
Net Pension Liability		\$75,491,927		\$75,119,944	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
20	Albany County	\$378,747	0.014072513	\$376,721	0.013933582
22	Big Horn County	273,461	0.010160565	264,595	0.009786442
24	Campbell County	1,343,890	0.049932829	1,364,254	0.050458902
26	Carbon County	373,330	0.013871242	381,795	0.014121236
805	City Of Buffalo	177,736	0.006603860	189,458	0.007007367
808	City Of Casper	1,289,899	0.047926769	1,269,652	0.046959902
809	City Of Cheyenne	1,217,195	0.045225420	1,195,689	0.044224291
813	City Of Cody	206,736	0.007681368	220,283	0.008147468
820	City Of Douglas	237,510	0.008824789	231,860	0.008575659
827	City Of Evanston	225,402	0.008374911	236,667	0.008753479
831	City Of Gillette	716,195	0.026610543	731,253	0.027046466
835	City Of Green River	323,490	0.012019414	322,362	0.011923032
844	City Of Kemmerer	62,305	0.002314970	61,016	0.002256776
847	City Of Lander	159,460	0.005924807	167,423	0.006192364
848	City Of Laramie	654,852	0.024331316	643,617	0.023805093
860	City Of Newcastle	116,277	0.004320323	104,053	0.003848538
865	City Of Powell	219,069	0.008139606	198,600	0.007345497
867	City Of Rawlins	234,352	0.008707452	218,752	0.008090851
870	City Of Riverton	333,398	0.012387550	342,342	0.012662023
872	City Of Rock Springs	601,113	0.022334620	613,215	0.022680638
874	City Of Sheridan	357,783	0.013293586	358,902	0.013274501
878	City Of Sundance	31,151	0.001157429	30,089	0.001112883
882	City Of Torrington	164,498	0.006111996	176,616	0.006532411
887	City Of Worland	101,422	0.003768379	104,524	0.003865963
28	Converse County	402,535	0.014956366	394,098	0.014576280
30	Crook County	159,991	0.005944537	152,749	0.005649649
32	Fremont County	680,591	0.025287660	693,601	0.025653833
34	Goshen County	190,736	0.007086881	190,363	0.007040851
36	Hot Springs County	81,914	0.003043551	90,664	0.003353348
38	Johnson County	293,395	0.010901221	287,353	0.010628151
40	Laramie County	1,414,032	0.052538986	1,304,713	0.048256710
42	Lincoln County	403,143	0.014978957	406,319	0.015028282
44	Natrona County	1,271,199	0.047231962	1,276,701	0.047220615
50	Park County	420,315	0.015616990	230,654	0.008531083
52	Platte County	192,482	0.007151754	185,275	0.006852645
82	Rock Spgs Green River Sweetwater Co. Com	196,192	0.007289601	196,288	0.007259981
54	Sheridan County	286,919	0.010660603	298,040	0.011023430
748	State of Wyoming - Law	6,541,964	0.243069572	6,666,848	0.246583024
56	Sublette County	819,111	0.030434432	822,117	0.030407202
58	Sweetwater County	778,024	0.028907827	777,166	0.028744607
60	Teton County	652,915	0.024259346	614,158	0.022715526

# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Law Enforcement Pension Plan:		2016	2015		
Total Contributions		\$26,913,957	\$27,036,932		
Net Pension Liability		\$75,491,927	\$75,119,944		
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
800	Town Of Afton	33,257	0.001235679	33,259	0.001230120
802	Town Of Baggs	13,845	0.000514417	14,519	0.000537004
799	Town Of Bairoil	10,320	0.000383444	10,748	0.000397541
803	Town Of Basin	25,070	0.000931487	23,073	0.000853392
807	Town Of Byron	8,510	0.000316193	4,397	0.000162636
814	Town Of Cokeville	16,633	0.000618006	16,526	0.000611230
818	Town of Diamondville	23,035	0.000855876	23,851	0.000882180
826	Town Of Encampment	10,050	0.000373412	9,827	0.000363454
828	Town Of Evansville	93,619	0.003478455	101,330	0.003747820
829	Town Of Fort Laramie	3,672	0.000136435	7,129	0.000263662
830	Town of Frannie	7,990	0.000296872	-	-
833	Town Of Glenrock	127,141	0.004723980	130,234	0.004816887
834	Town Of Granger	-	-	1,788	0.000066117
836	Town Of Greybull	42,136	0.001565582	40,553	0.001499903
837	Town Of Guernsey	37,216	0.001382777	33,466	0.001237802
838	Town Of Hanna	12,878	0.000478488	14,915	0.000551668
841	Town Of Hulett	3,658	0.000135915	6,754	0.000249792
842	Town Of Jackson	316,809	0.011771179	297,620	0.011007915
843	Town Of Kaycee	7,027	0.000261091	6,860	0.000253724
849	Town Of Lingle	9,623	0.000357547	9,952	0.000368104
851	Town Of Lovell	68,138	0.002531698	72,602	0.002685282
852	Town Of Lusk	40,046	0.001487927	34,858	0.001289278
853	Town Of Lyman	40,530	0.001505910	38,390	0.001419891
892	Town Of Midwest	7,869	0.000292376	7,602	0.000281187
858	Town Of Mills	141,713	0.005265409	130,283	0.004818705
861	Town Of Moorcroft	26,405	0.000981089	26,920	0.000995680
859	Town Of Mountain View	18,142	0.000674074	17,873	0.000661057
863	Town Of Pine Bluffs	16,048	0.000596271	29,101	0.001076343
873	Town Of Saratoga	70,592	0.002622877	79,460	0.002938925
875	Town Of Shoshoni	14,443	0.000536636	10,122	0.000374389
876	Town Of Sinclair	13,070	0.000485622	12,315	0.000455483
881	Town Of Thermopolis	92,685	0.003443752	87,177	0.003224375
883	Town Of Upton	27,243	0.001012226	30,911	0.001143276
886	Town Of Wheatland	66,971	0.002488337	63,850	0.002361596
62	Uinta County	409,750	0.015224443	429,985	0.015903627
900	University of Wyoming	142,977	0.005312374	147,124	0.005441599
64	Washakie County	147,843	0.005493172	141,412	0.005230316
66	Weston County	105,606	0.003923838	95,983	0.003550053
*	Adjustment	76,668	0.002848634	403,321	0.014917410
<b>Total:</b>		<b>\$26,913,957</b>	<b>100%</b>	<b>\$27,036,932</b>	<b>100%</b>

See notes to the schedule of employer allocations and Collective pension amounts



# Schedule of Employer Allocations – Separated by State Agencies

For the Fiscal Year Ended December 31, 2016 and 2015

Law Enforcement Pension Plan: Separated by State Agencies					
		2016	2015		
Total Contributions			\$6,541,964	\$6,666,848	
Net Pension Liability			\$18,349,790	\$18,523,303	
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
606	Attorney General	\$173,045	0.026451537	\$170,882	0.025631583
703	Board of Outfitters	10,637	0.001625964	10,445	0.001566677
612	Department of Corrections	6,006,201	0.918103646	6,126,301	0.918920146
613	Department of Family Services	-	-	1,354	0.000203100
638	Department of Transportation	304,993	0.046621015	313,732	0.047058577
666	Livestock Board	47,088	0.007197838	44,134	0.006619916
Total:		\$6,541,964	100%	\$6,666,848	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

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$35,994,455	\$-	\$1,021,665	\$37,016,120

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$-	\$2,781,730	\$2,781,730	\$27,232,487	\$75,491,927

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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	-
<b>Assumption Changes</b>			
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
<b>Plan Fiduciary Net Position</b>			
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 (Loss)	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 Employee 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 Employee 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,	2016
<b>A. Expense</b>	
1. Service Cost	\$23,339,214
2. Interest on the Total Pension Liability	45,945,359
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(14,442,190)
5. Projected Earnings on Plan Investments (made negative for addition here)	(40,561,135)
6. Pension Plan Administrative	518,486
7. Other Changes in Plan Fiduciary Net Position	25,522
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(375,368)
9. Recognition of Outflow (Inflow) of Resources due to Assets	12,782,599
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
<b>11. Total Pension Expense</b>	<b>\$27,232,487</b>

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

Law Enforcement Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	(\$3,501,453)
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.8650
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	(719,723)
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	(719,723)
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	(2,781,730)
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	\$(2,781,730)
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$2,778,485
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	555,697
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$2,222,788

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Law Enforcement Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.2360	4.9669	4.8650	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$1,710,375	(\$3,501,453)		
2014	-	-	-	-	
2015	-	344,355	-	344,355	
2016	-	344,355	(719,723)	(375,368)	
2017	-	344,355	(719,723)	(375,368)	
2018	-	344,355	(719,723)	(375,368)	(\$1,760,065)
2019	-	332,955	(719,723)	(386,768)	
2020	-	-	(622,561)	(622,561)	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$1,710,375	(\$3,501,453)	(\$1,791,078)	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	5.2600	4.9669	4.8650	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$ -	\$ -		
2014	-	-	-	-	
2015	-	-	-	-	
2016	-	-	-	-	
2017	-	-	-	-	
2018	-	-	-	-	\$ -
2019	-	-	-	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$ -	\$ -	\$ -	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

### Law Enforcement Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000		
	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
Total	\$14,545,212	\$46,589,301	\$2,778,485		
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	12,782,599	
2018	2,909,044	9,317,860	555,697	12,782,601	\$35,994,455
2019	-	9,317,861	555,697	9,873,558	
2020	-	-	555,697	555,697	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$14,545,212	\$46,589,301	\$2,778,485	\$63,912,998	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/ Outflows at Measurement Date
Total	\$14,545,212	\$48,299,676	(\$722,968)		
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)	12,407,231	
2018	2,909,044	9,662,215	(164,026)	12,407,233	\$34,234,390
2019	-	9,650,816	(164,026)	9,486,790	
2020	-	-	(66,864)	(66,864)	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$14,545,212	\$48,299,676	(\$722,968)	\$62,121,920	

# Supplementary Information

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

### Law Enforcement Pension Plan

Fiscal year ending December 31, 2016

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	\$344,355	\$719,723	\$(375,368)
2. Due to Assets	12,782,599	-	12,782,599
3. Total	\$13,126,954	\$719,723	\$12,407,231
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$344,355	\$719,723	\$(375,368)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	12,782,599	-	12,782,599
4. Total	\$13,126,954	\$719,723	\$12,407,231
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	\$1,021,665	\$2,781,730	\$(1,760,065)
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	35,994,455	-	35,994,455
4. Total	\$37,016,120	\$2,781,730	\$34,234,390
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	
	2017	\$12,407,231	
	2018	12,407,233	
	2019	9,486,790	
	2020	(66,864)	
	2021	-	
	Thereafter	-	
	Total:	\$34,234,390	

# Supplementary Information

## Statement of Fiduciary Net Position

Law Enforcement Pension Plan		
Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$1,287,214	\$411,739
Domestic liquidity - outside banks	55,429,137	36,147,730
	56,716,351	36,559,469
<b>Receivables:</b>		
Employee contributions	1,066,061	1,112,215
Employer contributions	1,066,454	1,110,187
Securities sold	3,024,712	2,160,010
Accrued interest and dividends	997,455	1,412,043
Currency contract receivable	203,101,170	237,023,411
Other	20,702	17,790
	209,276,554	242,835,656
<b>Investments, at fair value:</b>		
Fixed income	63,825,585	97,306,842
Equities	274,468,675	266,944,061
Private markets	67,245,499	54,683,903
Marketable alternatives	91,515,854	68,489,000
Security lending collateral	31,162,849	27,036,909
	528,218,462	514,460,715
Capital assets, at cost, net of accumulated depreciation	291,274	316,796
<b>Total Assets:</b>	<b>794,502,641</b>	<b>794,172,636</b>
<b>Liabilities</b>		
Payables:		
Benefits and refunds payable	287,662	53,758
Securities Purchased	1,979,685	4,331,236
Administrative and consulting fees payable	638,979	951,185
Currency contract payable	201,149,534	236,561,862
Securities lending collateral	31,162,849	27,036,909
<b>Total Liabilities</b>	<b>235,218,709</b>	<b>268,934,950</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$559,283,932</b>	<b>\$525,237,686</b>



# Supplementary Information

## Statement of Changes in Fiduciary Net Position

Law Enforcement Pension Plan		
Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$13,459,558	\$14,568,628
Employer	13,454,399	12,468,304
Other	1,258,538	1,067,425
	28,172,495	28,104,357
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	29,293,394	(14,710,653)
Interest and dividends Employee Contributions	10,931,620	12,333,875
Total investing activity:	40,225,014	(2,376,778)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(2,612,124)	(3,155,533)
Net income/(loss) from investing activities:	37,612,890	(5,532,311)
<b>Securities lending activities:</b>		
Securities lending gross income	243,548	187,361
Securities lending expenses:		
Agent fees	(73,788)	(26,875)
Total securities lending expenses:	(73,788)	(26,875)
Net income from securities lending activities:	169,760	160,486
Total investment income/(loss)	37,782,650	(5,371,825)
Total additions(deletions)	65,955,145	22,732,532
<b>Deductions</b>		
Benefits paid / Distributions	27,873,802	25,459,574
Refunds	3,491,089	4,659,710
Administrative expenses	501,264	411,323
Administrative expenses: fund specific	17,222	6,569
Depreciation expense	25,522	24,983
Total Deductions:	31,908,899	30,562,159
Net increase/(decrease) in Net Position	34,046,246	(7,829,627)
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	525,237,686	533,067,313
End of year	\$559,283,932	\$525,237,686

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# Air Guard Firefighter Pension Plan

**2016 GASB 68 REPORT**

**Issued June 2017**

Schedule of Employer Allocations and Collective Pension Amounts

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# Schedule of Employer Allocations

For the Fiscal Year Ended December 31, 2016 and 2015

Air Guard Firefighter Pension Plan:		2016		2015	
	Total Contributions		\$456,597		\$528,438
	Net Pension Liability		\$1,091,632		\$1,072,804
ID	Organization Name	Total Contributions	Employer Proportional Share of Allocations	Total Contributions	Employer Proportional Share of Allocations
744	Guard Firefighters	\$455,824	0.998307041	\$524,691	0.992909291
*	Adjustment	773	0.001692959	3,747	0.007090709
	<b>Total:</b>	<b>\$456,597</b>	<b>100%</b>	<b>\$528,438</b>	<b>100%</b>

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

# Schedule of Collective Pension Amounts

As of and for the year ended December 31, 2016

## Deferred Outflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Outflows of Resources Excluding Employer Specific Amounts
\$413,520	\$-	\$212,537	\$626,057

## Deferred Inflows of Resources

Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources Excluding Employer Specific Amounts	Pension Expense	December 31, 2016 Net Pension Liability
\$-	\$-	\$-	\$-	\$225,132	\$1,091,632

\* 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,	2016	2015	2014
<b>Total Pension Liability</b>			
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
<b>Plan Fiduciary Net Position</b>			
Employer Contributions	\$136,768	\$158,319	\$142,437
Employee Contributions	376,685	405,026	335,763
Pension Plan Net Investment Income (Loss)	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)	\$1,091,632	\$1,072,804	\$525,718
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	85.50%	85.25%	91.80%
Covered Employee Payroll	\$2,151,997	\$2,124,296	\$1,731,731
Net Pension Liability as a Percentage of Covered Employee Payroll	50.73%	50.50%	30.36%
Note: Information not available prior to 2014			

# Supplementary Information

## Pension Expense

Air Guard Firefighter Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Expense</b>	
1. Service Cost	\$337,474
2. Interest on the Total Pension Liability	554,448
3. Current-Period Benefit Charges	-
4. Employee Contributions (made negative for addition here)	(376,685)
5. Projected Earnings on Plan Investments (made negative for addition here)	(472,825)
6. Pension Plan Administrative	5,731
7. Other Changes in Plan Fiduciary Net Position	301
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	30,862
9. Recognition of Outflow (Inflow) of Resources due to Assets	145,826
10. Recognition of Outflow of Resources due to Contributions made from January 1, 2017 to June 30, 2017 *	-
11. Total Pension Expense	\$225,132

\* In accordance with GASB 68, employers may need to illustrate contributions made from January 1, 2017 through June 30, 2017

## Statement of Outflows and Inflows Arising from Current Reporting Period

Air Guard Firefighter Pension Plan	
Fiscal year ending December 31,	2016
<b>A. Outflows (Inflows) of Resources due to Liabilities</b>	
1. Difference between expected and actual experience of the Total Pension Liability (gain) or losses	\$65,370
2. Assumption Changes (gains) or losses	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	8.3862
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	7,795
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	7,795
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	57,575
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	\$57,575
<b>B. Outflows (Inflows) of Resources due to Assets</b>	
1. Net difference between projected and actual earnings on pension plan investment (gains) or losses	\$41,782
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	8,356
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$33,426



# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	7.6469	8.7180	8.3862	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$201,096	\$65,370		
2014	-	-	-	-	
2015	-	23,067	-	23,067	
2016	-	23,067	7,795	30,862	
2017	-	23,067	7,795	30,862	
2018	-	23,067	7,795	30,862	\$212,537
2019	-	23,067	7,795	30,862	
2020	-	23,067	7,795	30,862	
2021	-	23,067	7,795	30,862	
Thereafter	-	39,627	18,600	58,227	
	\$ -	\$201,096	\$65,370	\$266,466	

Assumption changes - Net (inflows)/outflows of resources

Recognition Period	7.6469	8.7180	8.3862	Total	Deferred Net (Inflows)/Outflows at Measurement Date
	2014	2015	2016		
Total	\$ -	\$ -	\$ -		
2014	-	-	-	-	
2015	-	-	-	-	
2016	-	-	-	-	
2017	-	-	-	-	
2018	-	-	-	-	\$ -
2019	-	-	-	-	
2020	-	-	-	-	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$ -	\$ -	\$ -	\$ -	

# Supplementary Information

## History of Deferred Outflows and Inflows of Resources by Source

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2016

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

Recognition Period	5.0000	5.0000	5.0000		
	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$161,568	\$525,780	\$41,782		
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	145,826	
2018	32,312	105,156	8,356	145,824	\$413,520
2019	-	105,156	8,356	113,512	
2020	-	-	8,358	8,358	
2021	-	-	-	-	
Thereafter	-	-	-	-	
	\$161,568	\$525,780	\$41,782	\$729,130	

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

	2014	2015	2016	Total	Deferred Net (Inflows)/Outflows at Measurement Date
Total	\$161,568	\$726,876	\$107,152		
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	176,688	
2018	32,312	128,223	16,151	176,686	\$626,057
2019	-	128,223	16,151	144,374	
2020	-	23,067	16,153	39,220	
2021	-	23,067	7,795	30,862	
Thereafter	-	39,627	18,600	58,227	
	\$161,568	\$726,876	\$107,152	\$995,596	

# Supplementary Information

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

Air Guard Firefighter Pension Plan

Fiscal year ending December 31, 2016

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	\$30,862	\$-	\$30,862
2. Due to Assets	145,826	-	145,826
3. Total	\$176,688	\$-	\$176,688
B. Outflows (Inflows) of Resources by Source to be recognized in Current Year			
	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$30,862	\$-	\$30,862
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	145,826	-	145,826
4. Total	\$176,688	\$-	\$176,688
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	\$212,537	\$-	\$212,537
2. Assumption Changes	-	-	-
3. Net Difference between projected and actual earnings on pension plan investments	413,520	-	413,520
4. Total	\$626,057	\$-	\$626,057
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	
	2017	\$176,688	
	2018	176,686	
	2019	144,374	
	2020	39,220	
	2021	30,862	
	Thereafter	58,227	
	Total:	\$626,057	

# Supplementary Information

## Statement of Fiduciary Net Position

### Air Guard Firefighter Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Assets</b>		
Cash and cash equivalents:		
Cash with State Treasurer	\$8,511	\$32,016
Domestic liquidity - outside banks	637,846	423,373
	646,357	455,389
<b>Receivables:</b>		
Employee contributions	30,018	31,781
Employer contributions	12,837	13,590
Securities sold	34,807	25,298
Accrued interest and dividends	11,528	16,935
Currency contract receivable	2,337,170	2,776,091
	2,426,360	2,863,695
<b>Investments, at fair value:</b>		
Fixed income	734,468	1,139,688
Equities	3,158,427	3,126,531
Private markets	773,822	640,475
Marketable alternatives	1,053,111	802,164
Security lending collateral	358,604	316,665
	6,078,432	6,025,523
Capital assets, at cost, net of accumulated depreciation	2,836	3,138
<b>Total Assets:</b>	<b>9,153,985</b>	<b>9,347,745</b>
<b>Liabilities</b>		
Payables:		
Benefits and refunds payable	16,280	-
Securities Purchased	22,781	50,729
Administrative and consulting fees payable	7,192	11,116
Currency contract payable	2,314,712	2,770,685
Securities lending collateral	358,604	316,665
<b>Total Liabilities</b>	<b>2,719,569</b>	<b>3,149,195</b>
<b>Net Position held in trust for pension benefits</b>	<b>\$6,434,416</b>	<b>\$6,198,550</b>

# Supplementary Information

## Statement of Changes in Fiduciary Net Position

### Air Guard Firefighter Pension Plan

Fiscal year ending December 31,	2016	2015
<b>Additions</b>		
Contributions:		
Employee	\$319,829	\$370,151
Employer	136,768	158,287
Other	56,856	34,907
	513,453	563,345
<b>Investment Income:</b>		
From Investing Activities:		
Net appreciation(depreciation) in fair value of investments	331,817	(161,892)
Interest and dividends Employee Contributions	127,074	139,838
Total investing activity:	458,891	(22,054)
<b>Investing activity expenses:</b>		
Investment advisor or contractor fees	(29,789)	(35,123)
Net income/(loss) from investing activities:	429,102	(57,177)
<b>Securities lending activities:</b>		
Securities lending gross income	2,781	2,062
Securities lending expenses:		
Agent fees	(840)	(296)
Total securities lending expenses:	(840)	(296)
Net income from securities lending activities:	1,941	1,766
Total investment income/(loss)	431,043	(55,411)
Total additions(deletions)	944,496	507,934
<b>Deductions</b>		
Benefits paid / Distributions	290,609	168,220
Refunds	411,989	20,849
Administrative expenses	5,731	4,637
Depreciation expense	301	276
Total Deductions:	708,630	193,982
Net increase/(decrease) in Net Position	235,866	313,952
<b>Net position held in trust for pension benefits:</b>		
Beginning of year	6,198,550	5,884,598
End of year	\$6,434,416	\$6,198,550

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## **2016 GASB 68 REPORT**

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 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, 2016 to December 31, 2016 (the WRS fiscal year)
- The contributing entity's contributions as a percentage of total employer contributions for the Plan for the period January 1, 2016 to December 31, 2016
- The amount of total employer and employee contributions for the contributing entity for the Plan for the period January 1, 2015 to December 31, 2015 (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, 2015 to December 31, 2015

The Schedule of Total Contributions has been rounded to the nearest dollar. Employer proportional share of allocation has been rounded 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, Volunteer Firefighter and EMT Plan, Judicial Plan, Law Enforcement Plan, and Air Guard Firefighter Plan is calculated using a discount rate of 7.75% which is the expected rate of return on investments reduced by investment expenses. The net pension liability for the Paid Firefighter B Plan is calculated using a 6.59% discount rate. The net pension liability for the Paid Firefighter A Plan is calculated using a 4.38% discount rate. The net pension liability for the Warden, Patrol, and DCI Plan is calculated using a 6.34% discount rate. The net pension liability was determined by an actuarial valuation as of December 31, 2016, 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 performed in 2012 for the period January 1, 2007 thru December 31, 2011 which reviewed all economic and demographic assumptions, including mortality. The net pension liability as of December 31, 2016 is based on the results of an actuarial valuation as of January 1, 2016, rolled forward to a measurement date of December 31, 2016.

## 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
Inflation	3.25%
Salary increases	4.25% to 6.00%, including inflation
Payroll growth rate	4.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 1 year with a 104% multiplier Females: No set back with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 5 years with a 104% multiplier Females: Set back 4 years with a 90% multiplier

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

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.25% to 8.00%, including inflation
Payroll growth rate	4.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: No set back with a 104% multiplier Females: Set forward 1 year with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 4 years with a 104% multiplier Females: Set back 3 years with a 90% multiplier

#### Volunteer Firefighter & EMT Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	0.00%
Payroll growth rate	0.00%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 1 year with a 104% multiplier Females: No set back with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 5 years with a 104% multiplier Females: Set back 4 years with a 90% multiplier

## Notes to Schedule of Employer Allocations and Collective Pension Amounts

### Paid Fire A Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.25% includes inflation
Payroll growth rate	3.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: No set back with a 104% multiplier Females: Set forward 1 year with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 4 years with a 104% multiplier Females: Set back 3 years with a 90% multiplier

### Paid Fire B Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.25% to 7.00%, including inflation
Payroll growth rate	4.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: No set back with a 104% multiplier Females: Set forward 1 year with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 4 years with a 104% multiplier Females: Set back 3 years with a 90% multiplier

### Judges Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.75% including inflation
Payroll growth rate	3.75%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 1 year with a 104% multiplier Females: No Set Back with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 5 years with a 104% multiplier Females: Set back 4 years with a 90% multiplier

## Notes to Schedule of Employer Allocations and Collective Pension Amounts

### Law Enforcement Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.75% to 8.00% including inflation
Payroll growth rate	4.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: No set back with a 104% multiplier Females: Set forward 1 year with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 4 years with a 104% multiplier Females: Set back 3 years with a 90% multiplier

### Air Guard Fire Fighter Pension Plan

Actuarial Cost Method	Entry Age Normal
Inflation	3.25%
Salary increases	4.25% to 6.00% including inflation
Payroll growth rate	4.25%
Cost of Living Increase	0.00%
Investment rate of return	7.75%, net of pension plan investment expense
Post-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: No set back with a 104% multiplier Females: Set forward 1 year with a 90% multiplier
Pre-Retirement Mortality	RP-2000 Combined Mortality Table, generational projected with Scale BB Males: Set back 4 years with a 104% multiplier Females: Set back 3 years with a 90% multiplier

## Notes to Schedule of Employer Allocations and Collective Pension Amounts

The assumed rate of investment return was adopted by the plan's trustees 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, 2016. In addition, a five year experience study was completed as of December 31, 2011 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 7.75% (real return net of inflation of 4.50%) 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. For each major asset class that is included in the pension plans target asset allocation as of January 1, 2017, 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	0.00%	-0.20%	-0.20%
Fixed Income	20.00%	1.43%	1.95%
Equity	45.00%	5.72%	7.73%
Marketable Alternatives	17.50%	3.03%	3.73%
Private Markets	17.50%	5.84%	7.14%
Total	100%	4.76%	6.38%

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

WRS's success in achieving the 7.75% 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.....	7.75%
Warden, Patrol and DCI Plan .....	6.34%
Volunteer Firefighter & EMT Plan .....	7.75%
Paid Firefighter A Plan .....	4.38%
Paid Firefighter B Plan.....	6.59%
Judicial Plan .....	7.75%
Law Enforcement Plan .....	7.75%
Air Guard Firefighters Plan .....	7.75%

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 7.75%, the municipal bond rate is 3.570% (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. Warden, Patrol & DCI, Fire A and Fire B calculations resulted in the use of a blended rate that is less than the assumed rate of investment return.

## Notes to Schedule of Employer Allocations and Collective Pension Amounts

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

The following table represents the net unfunded pension liability (asset) 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	6.750%	7.750%	8.750%
Net Pension Liability	\$ 3,472,337,567	\$ 2,417,500,218	\$ 1,531,537,300
Warden, Patrol & DCI Plan	5.343%	6.343%	7.343%
Net Pension Liability	\$ 103,398,882	\$ 76,326,608	\$ 53,859,331
Volunteer Firefighter & EMT Plan	6.750%	7.750%	8.750%
Net Pension Liability	\$ 43,839,330	\$ 31,745,774	\$ 21,668,447
Paid Firefighter A Plan	3.377%	4.377%	5.377%
Net Pension Liability	\$ 227,050,443	\$ 183,472,767	\$ 148,323,752
Paid Firefighter B Plan	5.593%	6.593%	7.593%
Net Pension Liability	\$ 54,796,169	\$ 31,561,325	\$ 12,345,430
Judicial Plan	6.750%	7.750%	8.750%
Net Pension Liability	\$ 2,310,440	(\$ 311,260)	(\$ 2,578,285)
Law Enforcement Plan	6.750%	7.750%	8.750%
Net Pension Liability	\$ 156,760,888	\$ 75,491,927	\$ 8,379,850
Air Guard Firefighter Plan	6.750%	7.750%	8.750%
Net Pension Liability	\$ 2,190,819	\$ 1,091,632	\$ 178,246

## Notes to Schedule of Employer Allocations and Collective Pension Amounts

### 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, 2016) and before the end of the employer's reporting period (many WRS employers have a fiscal year end of June 30, 2017).

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 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	\$ 378,388,670	3.8583	5.0000
Warden, Patrol & DCI Plan	\$ 15,211,821	4.9676	5.0000
Volunteer Firefighter & EMT Plan	\$ 4,761,803	3.7634	5.0000
Paid Firefighter A Plan	\$ 371,079	1.0000	5.0000
Paid Firefighter B Plan	\$ 10,314,876	8.0494	5.0000
Judicial Plan	\$ 1,152,337	7.3715	5.0000
Law Enforcement Plan	\$ 27,232,487	4.8650	5.0000
Air Guard Firefighter Plan	\$ 225,132	8.3862	5.0000

\* In accordance with GASB 71, employers may need to adjust for contributions made from January 1, 2017 through June 30, 2017.

# Average Expected Remaining Service Lives

## GASB - Average Expected Remaining Service Lives

For the Measurement Period from January 1, 2016 to December 31, 2016

	Public Employees' Pension Plan	State Patrol Game & Fish Warden 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 Enforce- ment Pension Plan	Air Guard Firefighters Pension Plan
Retirees & Beneficiaries	24,728	320	1,307	282	100	18	1,070	6
Inactive, Non- retired Members	27,292	53	1,390	1	66	0	1,059	5
Active Members	36,577	317	2,379	3	372	46	2,761	36
<b>Total</b>	<b>88,597</b>	<b>690</b>	<b>5,076</b>	<b>286</b>	<b>538</b>	<b>64</b>	<b>4,890</b>	<b>47</b>
<b>AERSL (Total)</b>	<b>3.8583</b>	<b>4.9676</b>	<b>3.7634</b>	<b>1.0000</b>	<b>8.0494</b>	<b>7.3715</b>	<b>4.8650</b>	<b>8.3862</b>







**RETIREMENT SYSTEM**

6101 Yellowstone Road, Suite 500  
Cheyenne, Wyoming 82002  
(307) 777-7691  
[retirement.wyo.gov](http://retirement.wyo.gov)