

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
4 Corners Comm Behavior Health	N/A	\$ —	—	—	—	—	—
Active Re Entry Inc	N/A	—	—	—	—	—	—
Alpine City	N/A	—	—	—	—	—	—
Alpine School District	N/A	—	—	—	—	—	—
Alpine Uniserv	N/A	—	—	—	—	—	—
American Fork City	N/A	(137,170)	658,728	(773,323)	8,351	83,280	200,421
American Leadership Academy	N/A	—	—	—	—	—	—
Ames Charter School	N/A	—	—	—	—	—	—
Annabella Town	N/A	—	—	—	—	—	—
Ash Creek SS District	N/A	—	—	—	—	—	—
Ashley Valley Improv Dist	N/A	—	—	—	—	—	—
Ashley Valley Sewer Mgmt Board	N/A	—	—	—	—	—	—
Ballard Town	N/A	—	—	—	—	—	—
Bear Lake SSD	N/A	—	—	—	—	—	—
Bear River Assn of Govts	N/A	—	—	—	—	—	—
Bear River Health Dept	N/A	—	—	—	—	—	—
Bear River Mental Health	N/A	—	—	—	—	—	—
Bear River Water District	N/A	—	—	—	—	—	—
Beaver City	N/A	—	—	—	—	—	—
Beaver County	N/A	(7,411)	65,626	(63,211)	3,866	1,828	16,226
Beaver Housing Authority	N/A	—	—	—	—	—	—
Beaver School District	N/A	—	—	—	—	—	—
Beaver Valley Hospital	N/A	—	—	—	—	—	—
Benchland Water Company	N/A	—	—	—	—	—	—
Bicknell Town	N/A	—	—	—	—	—	—
Big Cottonwood Canyon Imp Dist	N/A	—	—	—	—	—	—
Big Water Municipal Corp	N/A	(365)	3,230	(3,111)	190	90	799
Blanding City	N/A	(377)	3,335	(3,212)	196	93	824
Bluffdale City	N/A	(829)	7,339	(7,069)	432	204	1,815
Bona Vista Water Improve	N/A	—	—	—	—	—	—
Bountiful Irrigation District	N/A	—	—	—	—	—	—
Box Elder Co Mosq Dist	N/A	—	—	—	—	—	—
Box Elder County	N/A	(7,416)	65,673	(63,256)	3,869	1,830	16,238
Box Elder School District	N/A	—	—	—	—	—	—
Bridgerland Applied Tech Ctr	N/A	—	—	—	—	—	—
Brigham City	N/A	(71,288)	318,713	(385,039)	1,654	45,381	99,913
Cache County	N/A	(57,987)	312,927	(351,498)	7,448	32,142	90,918
Cache Metro Planning Org	N/A	—	—	—	—	—	—
Cache School District	N/A	—	—	—	—	—	—
Canyons School District	N/A	—	—	—	—	—	—
Carbon County	N/A	(5,144)	45,556	(43,879)	2,684	1,269	11,264
Carbon County Rec/Trans SSD	N/A	—	—	—	—	—	—
Carbon School District	N/A	—	—	—	—	—	—
Castle Dale City	N/A	—	—	—	—	—	—
Castle Valley SSD	N/A	—	—	—	—	—	—
Cedar City	N/A	(121,491)	542,665	(655,844)	2,762	77,385	170,186
Cedar City Housing Auth	N/A	—	—	—	—	—	—
Cedar Mtn Fire Protection Dist	N/A	(366)	3,245	(3,125)	191	90	802
Centerfield City	N/A	—	—	—	—	—	—
Centerville City	N/A	(465)	4,119	(3,967)	243	115	1,018
Central Davis Sewer Dist	N/A	—	—	—	—	—	—
Central Iron Co Water Conserv	N/A	—	—	—	—	—	—
Central UT Public Health	N/A	—	—	—	—	—	—
Central Utah Counseling Center	N/A	—	—	—	—	—	—
Central Utah Water Dist	N/A	—	—	—	—	—	—
Central Weber Sewer Dist	N/A	—	—	—	—	—	—
City of Aurora	N/A	—	—	—	—	—	—
City of Bountiful	N/A	(2,809)	24,873	(23,957)	1,465	693	6,150
City of Cedar Hills	N/A	—	—	—	—	—	—
City of Draper	N/A	(269,196)	1,184,224	(1,440,215)	4,052	173,086	373,823

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources						Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions			Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions	
							Proportionate Share of Allocable Plan Gross Pension Expense	Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions		
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
15,574	307,626	57,246	229,901	40,391	21,963	349,501	204,712	(2,741)	(5,081)	196,890	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
6,128	28,048	22	9,890	634	—	10,546	68,077	365	—	68,442	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
767	1,846	1	487	31	129	648	3,351	38	—	3,389	—
927	2,040	1	503	32	430	966	3,459	27	—	3,486	—
—	2,451	2	1,106	71	1,472	2,651	7,613	(86)	—	7,527	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
3,214	25,151	22	9,897	634	1,075	11,628	68,126	137	—	68,263	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
672	147,620	32,167	121,470	22,209	34,362	210,208	61,537	(6,520)	(2,857)	52,160	—
25,825	156,333	20,678	94,285	15,299	1,010	131,272	151,948	1,528	(1,833)	151,643	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
560	15,777	15	6,865	440	769	8,089	47,257	(15)	—	47,242	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
1,742	252,075	54,871	207,057	37,876	11,921	311,725	103,927	(1,524)	(4,873)	97,530	—
—	—	—	—	—	—	—	—	—	—	—	—
908	1,991	1	489	31	464	985	3,366	31	—	3,397	—
—	—	—	—	—	—	—	—	—	—	—	—
342	1,718	1	621	40	610	1,272	4,272	(18)	—	4,254	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
960	9,268	8	3,748	240	1,467	5,463	25,802	(34)	—	25,768	—
—	—	—	—	—	—	—	—	—	—	—	—
3,074	554,035	123,440	460,324	84,862	181,727	850,353	195,738	(32,391)	(10,963)	152,384	—

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
City of Duchesne	N/A	\$ —	—	—	—	—	—
City of Enterprise	N/A	—	—	—	—	—	—
City of Green River	N/A	—	—	—	—	—	—
City of Harrisville	N/A	(938)	8,305	(7,999)	489	231	2,053
City of Helper	N/A	(935)	8,278	(7,973)	488	231	2,047
City of Holladay	N/A	—	—	—	—	—	—
City of Kanab	N/A	(12,587)	53,703	(66,150)	—	8,241	17,179
City of Milford	N/A	—	—	—	—	—	—
City of Moab	N/A	(2,833)	25,090	(24,167)	1,478	699	6,204
City of Monticello	N/A	(980)	8,676	(8,357)	511	242	2,145
City of Naples	N/A	(743)	6,576	(6,334)	387	183	1,626
City of North Salt Lake	N/A	(2,609)	23,107	(22,256)	1,361	644	5,713
City of Orem	N/A	(871,227)	4,539,370	(5,307,325)	9,861	774,191	1,356,385
City of Riverton	N/A	—	—	—	—	—	—
City of Santa Clara	N/A	(25,341)	108,316	(133,320)	22	16,574	34,622
City of Saratoga Springs	N/A	(114,164)	608,820	(704,816)	3,251	98,985	180,166
City of South Jordan	N/A	(547,883)	2,429,907	(2,945,263)	10,487	350,522	764,366
City of South Salt Lake	N/A	(508,588)	2,220,480	(2,708,945)	5,739	328,508	703,227
City of St George	N/A	(327,918)	1,469,427	(1,773,558)	7,991	208,454	460,198
City of Taylorsville	N/A	—	—	—	—	—	—
City of Uintah	N/A	—	—	—	—	—	—
City of Washington Terrace	N/A	(10,772)	45,962	(56,615)	—	7,053	14,703
City of Wendover	N/A	—	—	—	—	—	—
City of West Haven	N/A	—	—	—	—	—	—
City of West Jordan	N/A	(1,314,094)	6,807,508	(7,978,865)	9,366	1,174,662	2,039,043
City of Woodland Hills	N/A	—	—	—	—	—	—
Clearfield City	N/A	(4,711)	41,718	(40,183)	2,458	1,162	10,315
Cleveland Town	N/A	—	—	—	—	—	—
Clinton City	N/A	(72,902)	330,284	(396,865)	2,186	46,022	102,958
Coalville City	N/A	—	—	—	—	—	—
Color Country Uniserv	N/A	—	—	—	—	—	—
Corinne City	N/A	—	—	—	—	—	—
Cottonwood Heights City	N/A	(4,992)	44,207	(42,580)	2,604	1,232	10,930
Cottonwood Heights P&R Srv	N/A	—	—	—	—	—	—
Cottonwood Imp District	N/A	—	—	—	—	—	—
Council On Aging Golden Age SS	N/A	—	—	—	—	—	—
Daggett County	N/A	(524)	4,643	(4,472)	274	129	1,148
Daggett School District	N/A	—	—	—	—	—	—
Davis & Weber County Canal Co	N/A	—	—	—	—	—	—
Davis Applied Tech College	N/A	—	—	—	—	—	—
Davis Behavioral Health Inc	N/A	—	—	—	—	—	—
Davis Co Housing Authority	N/A	—	—	—	—	—	—
Davis Co Mosquito Abate	N/A	—	—	—	—	—	—
Davis County	N/A	(25,215)	223,297	(215,080)	13,154	6,221	55,211
Davis School District	N/A	—	—	—	—	—	—
Davis Uniserv	N/A	—	—	—	—	—	—
Ddi Vantage	N/A	—	—	—	—	—	—
Delta City	N/A	—	—	—	—	—	—
Dixie Applied Tech College	N/A	—	—	—	—	—	—
Dixie State University	N/A	(464)	4,106	(3,955)	242	114	1,015
Duchesne Co Mosquito Dist	N/A	—	—	—	—	—	—
Duchesne Co Water Conserv Dist	N/A	—	—	—	—	—	—
Duchesne County	N/A	(7,842)	69,448	(66,892)	4,091	1,935	17,171
Duchesne School District	N/A	—	—	—	—	—	—
E Duchesne Cul Water Imp Dist	N/A	—	—	—	—	—	—
Eagle Mountain City	N/A	—	—	—	—	—	—
East Carbon City	N/A	(821)	7,267	(7,000)	428	202	1,797
East Hollywood High School	N/A	—	—	—	—	—	—
Educators Mutual Insurance	N/A	—	—	—	—	—	—
Elk Ridge City	N/A	—	—	—	—	—	—

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Nonemployer Contributions			Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
							Proportionate Share of Allocable Plan Gross Pension Expense	Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1,788	4,561	3	1,252	80	563	1,898	8,615	77	—	8,692
449	3,215	3	1,247	80	1,142	2,472	8,587	(44)	—	8,543
—	—	—	—	—	—	—	—	—	—	—
664	26,084	5,942	21,663	4,054	—	31,659	5,989	137	(528)	5,598
—	—	—	—	—	—	—	—	—	—	—
1,416	9,797	8	3,781	242	831	4,862	26,027	30	—	26,057
353	3,251	3	1,308	84	134	1,529	9,000	15	—	9,015
—	—	—	—	—	—	—	—	—	—	—
1,560	3,756	2	991	63	48	1,104	6,821	91	—	6,912
1,493	9,211	8	3,482	223	1,412	5,125	23,970	10	—	23,980
3,454	2,143,891	723,164	1,965,725	255,145	18,930	2,962,964	302,866	(4,763)	(36,497)	261,606
—	—	—	—	—	—	—	—	—	—	—
1,098	52,316	11,943	43,599	8,152	10,026	73,720	12,425	(1,913)	(1,061)	9,451
—	—	—	—	—	—	—	—	—	—	—
10,449	292,851	91,588	254,046	32,638	—	378,272	73,611	2,215	(4,622)	71,204
15,063	1,140,438	249,217	935,216	171,700	6,053	1,362,186	435,788	2,419	(22,133)	416,074
76,291	1,113,765	234,936	871,102	161,197	6,201	1,273,436	337,816	13,204	(20,867)	330,153
28,401	705,044	147,620	558,474	101,988	9,029	817,111	289,456	1,595	(13,109)	277,942
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
169	21,925	5,085	18,541	3,469	91	27,186	5,125	12	(452)	4,685
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
63,946	3,287,017	1,099,693	2,974,904	387,080	—	4,461,677	361,423	13,517	(55,502)	319,438
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
2,613	16,548	14	6,287	403	2,708	9,412	43,277	(9)	—	43,268
—	—	—	—	—	—	—	—	—	—	—
21,011	172,177	32,450	123,854	22,487	2,002	180,793	71,194	2,755	(2,881)	71,068
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,925	18,691	15	6,662	427	1,625	8,729	45,858	149	—	46,007
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
5,587	7,138	2	700	45	1,993	2,740	4,816	201	—	5,017
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
26,821	101,407	76	33,651	2,156	—	35,883	231,637	1,630	—	233,267
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
788	2,159	1	619	40	—	660	4,260	49	—	4,309
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
13,269	36,466	24	10,466	671	—	11,161	72,041	806	—	72,847
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
137	2,564	2	1,095	70	1,068	2,235	7,539	(56)	—	7,483
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts *(Continued)*

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Emery Co Care & Rehab Ctr	N/A	\$ —	—	—	—	—	—
Emery County	N/A	(2,961)	26,219	(25,254)	1,545	731	6,483
Emery County Recreation SSD	N/A	—	—	—	—	—	—
Emery School District	N/A	—	—	—	—	—	—
Emery Town	N/A	—	—	—	—	—	—
Emery Water Conserv Dist	N/A	—	—	—	—	—	—
Enoch City	N/A	(979)	8,666	(8,347)	510	241	2,143
Ephraim City	N/A	(212)	1,876	(1,807)	111	52	464
Escalante City	N/A	—	—	—	—	—	—
Eureka City Corporation	N/A	—	—	—	—	—	—
Fairview City	N/A	—	—	—	—	—	—
Farmington City	N/A	(72,910)	330,622	(397,123)	2,221	46,000	103,023
Farr West City	N/A	—	—	—	—	—	—
Fast Forward Charter HS	N/A	—	—	—	—	—	—
Ferron City	N/A	—	—	—	—	—	—
Fillmore City	N/A	—	—	—	—	—	—
Five-County Assn of Govts	N/A	—	—	—	—	—	—
Fountain Green City	N/A	—	—	—	—	—	—
Fox Hollow Golf Course	N/A	—	—	—	—	—	—
Francis City	N/A	—	—	—	—	—	—
Fruit Heights City	N/A	—	—	—	—	—	—
Garden City Fire District	N/A	—	—	—	—	—	—
Garfield County	N/A	(2,943)	26,058	(25,099)	1,535	726	6,443
Garfield School District	N/A	—	—	—	—	—	—
Garland City	N/A	(445)	3,938	(3,793)	232	110	974
Genola Town	N/A	—	—	—	—	—	—
Grand Co Cemetery Mtce Dist	N/A	—	—	—	—	—	—
Grand County	N/A	(5,573)	49,356	(47,539)	2,907	1,375	12,203
Grand School District	N/A	—	—	—	—	—	—
Grand Water/Sewer Service	N/A	—	—	—	—	—	—
Granger-Hunter Imp Dist	N/A	—	—	—	—	—	—
Granite School District	N/A	—	—	—	—	—	—
Granite Uniserv	N/A	—	—	—	—	—	—
Grantsville City	N/A	(2,415)	21,383	(20,596)	1,260	596	5,287
Gunnison City	N/A	—	—	—	—	—	—
Gunnison Valley Hospital	N/A	—	—	—	—	—	—
Gunnison Valley Police Dept	N/A	(351)	3,105	(2,990)	183	86	768
Heber City	N/A	(3,295)	29,183	(28,109)	1,719	813	7,216
Heber Light & Power	N/A	—	—	—	—	—	—
Heber Valley Historic Railroad	N/A	—	—	—	—	—	—
Heber Valley SSD	N/A	—	—	—	—	—	—
Herriman City	N/A	—	—	—	—	—	—
High Desert Uniserv	N/A	—	—	—	—	—	—
High School Activities Assn	N/A	—	—	—	—	—	—
Highland City	N/A	—	—	—	—	—	—
Hinckley Town	N/A	—	—	—	—	—	—
Honeyville City	N/A	—	—	—	—	—	—
Hooper City	N/A	—	—	—	—	—	—
Hooper Water Improv Dist	N/A	—	—	—	—	—	—
Housing Auth of Carbon Co	N/A	—	—	—	—	—	—
Housing Auth of SL County	N/A	—	—	—	—	—	—
Housing Authority of SLC	N/A	—	—	—	—	—	—
Housing Authority Ogden City	N/A	—	—	—	—	—	—
Huntington City	N/A	—	—	—	—	—	—
Hurricane City	N/A	(1,760)	15,583	(15,010)	918	434	3,853
Hurricane Valley Fire SSD	N/A	(82,267)	374,890	(449,402)	2,714	51,742	116,576
Hyde Park City	N/A	—	—	—	—	—	—
Hyrum City	N/A	—	—	—	—	—	—
Impact Mitigation SSD	N/A	—	—	—	—	—	—
Intech Collegiate High School	N/A	—	—	—	—	—	—

UTAH RETIREMENT SYSTEMS

[illegible]

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Iron County	N/A	\$ (9,513)	84,248	(81,147)	4,963	2,347	20,831
Iron School District	N/A	—	—	—	—	—	—
Itineris High School	N/A	—	—	—	—	—	—
Ivins City	N/A	(1,712)	15,161	(14,603)	893	422	3,749
Jordan River Commission	N/A	—	—	—	—	—	—
Jordan School District	N/A	—	—	—	—	—	—
Jordan Uniserv	N/A	—	—	—	—	—	—
Jordan Valley Water Conserv	N/A	—	—	—	—	—	—
Jordanelle SSD	N/A	—	—	—	—	—	—
Juab County	N/A	(4,724)	41,836	(40,296)	2,464	1,166	10,344
Juab School District	N/A	—	—	—	—	—	—
Kamas City	N/A	—	—	—	—	—	—
Kane County	N/A	(3,316)	29,363	(28,282)	1,730	818	7,260
Kane County Water Conserv Dist	N/A	—	—	—	—	—	—
Kane School District	N/A	—	—	—	—	—	—
Kaysville City	N/A	(34,566)	162,943	(192,696)	1,757	21,257	49,957
Kearns Improvement Dist	N/A	—	—	—	—	—	—
Laverkin City	N/A	(117)	1,038	(1,000)	61	29	257
Layton City	N/A	(611,751)	2,671,149	(3,258,620)	6,933	395,119	845,918
Lehi City	N/A	(352,784)	1,575,853	(1,904,477)	8,029	224,704	494,196
Lewiston City	N/A	—	—	—	—	—	—
Liberty Academy Charter	N/A	—	—	—	—	—	—
Lindon City	N/A	—	—	—	—	—	—
Logan City	N/A	(647,142)	3,356,133	(3,931,759)	5,129	577,826	1,004,792
Logan School District	N/A	—	—	—	—	—	—
Lone Peak PS District	N/A	(134,451)	711,781	(826,570)	3,097	117,496	211,275
Maeser Water Improve Dist	N/A	—	—	—	—	—	—
Magna Mosquito Abatement	N/A	—	—	—	—	—	—
Manti City	N/A	—	—	—	—	—	—
Mapleton City	N/A	(1,417)	12,547	(12,086)	739	350	3,102
Marriott-Slaterville City	N/A	—	—	—	—	—	—
Mayfield Town	N/A	—	—	—	—	—	—
Mendon City	N/A	—	—	—	—	—	—
Metro Water Dist SLC/Sandy	N/A	—	—	—	—	—	—
Midvale City	N/A	—	—	—	—	—	—
Midvalley Improvement District	N/A	—	—	—	—	—	—
Midway City	N/A	—	—	—	—	—	—
Military Installation Devel	N/A	—	—	—	—	—	—
Millard Co Care & Rehab Inc	N/A	—	—	—	—	—	—
Millard County	N/A	(7,265)	64,333	(61,966)	3,790	1,792	15,907
Millard School District	N/A	—	—	—	—	—	—
Millcreek City	N/A	—	—	—	—	—	—
Millville City	N/A	—	—	—	—	—	—
Minersville Town	N/A	—	—	—	—	—	—
Moab Valley Fire Protection	N/A	(29,633)	128,420	(157,156)	225	19,227	40,802
Monroe City	N/A	—	—	—	—	—	—
Monticello Academy	N/A	—	—	—	—	—	—
Morgan City Corporation	N/A	—	—	—	—	—	—
Morgan County	N/A	(17,120)	82,728	(96,885)	1,100	10,348	25,107
Morgan School District	N/A	—	—	—	—	—	—
Moroni City	N/A	—	—	—	—	—	—
Mount Pleasant City	N/A	—	—	—	—	—	—
Mountain Regional Water SSD	N/A	—	—	—	—	—	—
Mountainland Assn of Govt	N/A	—	—	—	—	—	—
Mountainland ATC	N/A	—	—	—	—	—	—
Mt Olympus Improvement Dist	N/A	—	—	—	—	—	—
Murray City	N/A	(740,368)	3,238,098	(3,947,546)	8,999	477,714	1,024,730
Murray School District	N/A	—	—	—	—	—	—
Myton City	N/A	—	—	—	—	—	—
N Tooele Co Fire Protection SD	N/A	(13,162)	60,768	(72,464)	524	8,208	18,793

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
7,695	35,836	29	12,696	813	—	13,538	87,394	470	—	87,864
—	—	—	—	—	—	—	—	—	—	—
11,977	17,041	5	2,285	146	271	2,707	15,727	2,193	—	17,920
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
6,956	20,930	14	6,305	404	—	6,723	43,398	421	—	43,819
—	—	—	—	—	—	—	—	—	—	—
1,216	11,024	10	4,425	284	254	4,973	30,460	60	—	30,520
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
2,737	75,708	14,738	58,191	10,336	20,390	103,655	45,792	(3,747)	(1,308)	40,737
656	1,003	—	156	10	499	665	1,077	8	—	1,085
61,227	1,309,197	282,565	1,047,776	193,881	2,384	1,526,606	406,834	10,698	(25,097)	392,435
8,763	735,692	159,324	601,243	109,979	10,680	881,226	301,917	(407)	(14,149)	287,361
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
15,542	1,603,289	540,719	1,464,094	190,412	9,714	2,204,939	186,943	(1,550)	(27,290)	158,103
—	—	—	—	—	—	—	—	—	—	—
11,208	343,076	109,050	300,515	38,736	1,380	449,681	74,012	1,288	(5,503)	69,797
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
2,237	6,428	4	1,891	121	—	2,016	13,016	135	—	13,151
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,707	25,196	22	9,695	621	—	10,338	66,736	222	—	66,958
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1,331	61,585	13,787	50,837	9,442	2,046	76,112	17,863	(209)	(1,225)	16,429
—	—	—	—	—	—	—	—	—	—	—
363	36,918	7,093	28,651	5,015	11,400	52,159	26,520	(1,909)	(630)	23,981
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
43,297	1,554,740	341,423	1,267,614	234,365	22,000	1,865,402	502,526	1,156	(30,324)	473,358
—	—	—	—	—	—	—	—	—	—	—
4,501	32,026	5,743	22,266	4,002	746	32,757	15,010	570	(510)	15,070

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
N Ut Environmental Rsrc Agcy	N/A	\$ —	—	—	—	—	—
Ne Counseling Center	N/A	—	—	—	—	—	—
Nebo Credit Union	N/A	—	—	—	—	—	—
Nebo School District	N/A	—	—	—	—	—	—
Nephi City	N/A	(1,442)	12,771	(12,301)	752	356	3,158
Nibbley City Corporation	N/A	—	—	—	—	—	—
Noah Webster Academy Inc	N/A	—	—	—	—	—	—
North Davis Co Sewer Dist	N/A	—	—	—	—	—	—
North Davis Fire District	N/A	(170,393)	743,175	(907,044)	1,837	110,128	235,467
North Emery Water Users SSD	N/A	—	—	—	—	—	—
North Fork SSD	N/A	(13,777)	58,780	(72,404)	—	9,020	18,803
North Logan City	N/A	(31,681)	135,172	(166,500)	—	20,743	43,240
North Ogden City	N/A	(2,559)	22,660	(21,826)	1,335	631	5,603
North Park Police Agency	N/A	(1,329)	11,771	(11,338)	693	328	2,910
North Pointe Solid Waste	N/A	—	—	—	—	—	—
North Sanpete School Dist	N/A	—	—	—	—	—	—
North Summit School District	N/A	—	—	—	—	—	—
North View Fire District	N/A	(117,913)	522,808	(633,763)	2,240	75,451	164,478
Northeastern Counseling Ctr	N/A	—	—	—	—	—	—
NUAMES Charter School	N/A	—	—	—	—	—	—
Oakley City	N/A	—	—	—	—	—	—
Ogden City Corp	N/A	(1,390,573)	7,246,830	(8,472,072)	15,950	1,235,431	2,165,199
Ogden School District	N/A	—	—	—	—	—	—
Ogden Weber/NEA/UEA Uniserv	N/A	—	—	—	—	—	—
Ogden-Weber Tech College	N/A	—	—	—	—	—	—
Oquirrh Rec And Parks District	N/A	—	—	—	—	—	—
Orangeville City	N/A	—	—	—	—	—	—
Orderville Town	N/A	—	—	—	—	—	—
Panguitch City Corporation	N/A	—	—	—	—	—	—
Park City	N/A	(3,365)	29,796	(28,700)	1,755	830	7,367
Park City Fire Service	N/A	(1,198,724)	6,186,280	(7,262,604)	5,244	1,075,682	1,855,936
Park City School District	N/A	—	—	—	—	—	—
Parowan City	N/A	(807)	7,146	(6,883)	421	199	1,767
Payson City	N/A	(22,230)	109,692	(127,423)	1,687	13,236	33,008
Perry City	N/A	(455)	4,028	(3,880)	237	112	996
Piute County	N/A	—	—	—	—	—	—
Piute School District	N/A	—	—	—	—	—	—
Plain City	N/A	—	—	—	—	—	—
Pleasant Grove City	N/A	(109,332)	493,538	(593,902)	3,075	69,180	154,085
Pleasant View City	N/A	(521)	4,617	(4,448)	272	129	1,142
Price City	N/A	(17,493)	81,874	(97,100)	822	10,811	25,177
Price River Water Improve	N/A	—	—	—	—	—	—
Providence City	N/A	—	—	—	—	—	—
Provo City Corp	N/A	(1,120,937)	5,821,319	(6,815,718)	10,011	999,457	1,741,833
Provo Housing Authority	N/A	—	—	—	—	—	—
Provo River Water Users	N/A	—	—	—	—	—	—
Provo School District	N/A	—	—	—	—	—	—
Recreation & Habilitation Svcs	N/A	—	—	—	—	—	—
Redmond Town	N/A	—	—	—	—	—	—
Rich County	N/A	(520)	4,609	(4,439)	271	128	1,139
Rich School District	N/A	—	—	—	—	—	—
Richfield City	N/A	(1,109)	9,819	(9,458)	578	274	2,428
Richmond City	N/A	—	—	—	—	—	—
Riverdale City	N/A	(113,882)	497,645	(606,896)	1,335	73,520	157,544
Roosevelt City	N/A	(1,032)	9,136	(8,799)	538	255	2,259
Roosevelt City Housing	N/A	—	—	—	—	—	—
Roy City	N/A	(252,489)	1,127,126	(1,362,527)	5,665	160,885	353,568
Roy Water Conserv Dist	N/A	—	—	—	—	—	—
S Utah Valley Electric Svc Dst	N/A	—	—	—	—	—	—
S Utah Valley Solid Waste	N/A	—	—	—	—	—	—

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1,097	5,363	4	1,925	123	171	2,223	13,248	55	—	13,303
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
19,093	366,525	78,789	291,911	54,045	733	425,478	111,742	3,623	(6,998)	108,367
—	—	—	—	—	—	—	—	—	—	—
707	28,530	6,504	23,711	4,437	8,962	43,614	6,555	(1,539)	(578)	4,438
2,382	66,365	14,956	54,527	10,203	4,969	84,655	15,073	(660)	(1,329)	13,084
4,157	11,726	8	3,415	219	—	3,642	23,506	254	—	23,760
—	3,931	4	1,774	114	2,103	3,995	12,210	(124)	—	12,086
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,392	245,561	53,651	201,286	36,960	11,586	303,483	93,512	(1,823)	(4,765)	86,924
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
33,673	3,450,253	1,153,908	3,137,133	407,154	21,025	4,719,220	487,043	(2,226)	(58,236)	426,581
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
7,686	17,638	10	4,490	288	—	4,788	30,909	467	—	31,376
11,818	2,948,680	1,008,493	2,719,683	354,438	12,133	4,094,747	272,551	(2,638)	(50,900)	219,013
857	3,244	2	1,077	69	368	1,516	7,413	32	—	7,445
1,862	49,793	8,978	37,012	6,395	745	53,130	38,748	141	(797)	38,092
1,200	2,545	1	607	39	607	1,254	4,178	36	—	4,214
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
24,911	251,251	48,849	185,897	33,818	3,896	272,460	103,369	4,551	(4,338)	103,582
770	2,313	2	696	45	422	1,165	4,790	19	—	4,809
1,546	38,356	7,519	29,500	5,261	1,137	43,417	22,054	68	(668)	21,454
—	—	—	—	—	—	—	—	—	—	—
5,409	2,756,710	934,775	2,533,974	329,363	5,094	3,803,206	343,310	(1,042)	(47,178)	295,090
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1,234	2,772	2	695	44	—	741	4,781	75	—	4,856
—	—	—	—	—	—	—	—	—	—	—
1,013	4,293	3	1,480	95	670	2,248	10,186	17	—	10,203
12,122	244,521	52,562	195,019	36,073	2,209	285,863	76,475	2,120	(4,668)	73,927
2,388	5,440	3	1,377	88	166	1,634	9,477	133	—	9,610
—	—	—	—	—	—	—	—	—	—	—
33,659	553,777	114,102	430,371	78,750	—	623,223	214,726	5,163	(10,133)	209,756
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Salem City	N/A	\$ (851)	7,537	(7,260)	444	210	1,864
Salina City	N/A	(385)	3,406	(3,281)	201	95	842
Salt Lake Arts Academy	N/A	—	—	—	—	—	—
Salt Lake City Corp	N/A	(5,757,520)	29,756,346	(34,911,603)	31,264	5,158,907	8,921,667
Salt Lake City Public Library	N/A	—	—	—	—	—	—
Salt Lake Co Serv Area 3	N/A	—	—	—	—	—	—
Salt Lake Community College	N/A	—	—	—	—	—	—
Salt Lake County	N/A	(80,249)	710,656	(684,502)	41,863	19,800	175,712
Salt Lake School District	N/A	—	—	—	—	—	—
San Juan County	N/A	(3,882)	34,373	(33,108)	2,025	958	8,499
San Juan Mental Health	N/A	—	—	—	—	—	—
San Juan School District	N/A	—	—	—	—	—	—
Sandy City	N/A	(1,087,843)	5,669,530	(6,627,920)	12,526	966,414	1,693,892
Sandy Suburban Imp Dist	N/A	—	—	—	—	—	—
Sanpete County	N/A	(2,426)	21,482	(20,691)	1,265	599	5,311
Santaquin City	N/A	(573)	5,077	(4,890)	299	141	1,255
Seven County Infrastructure	N/A	—	—	—	—	—	—
Sevier County	N/A	(3,386)	29,986	(28,882)	1,766	835	7,414
Sevier School District	N/A	—	—	—	—	—	—
Six-County Assoc of Govt	N/A	—	—	—	—	—	—
Slc Mosquito Abatement	N/A	—	—	—	—	—	—
Smithfield City Corp	N/A	(28,294)	132,111	(156,828)	1,295	17,513	40,664
Snow College	N/A	—	—	—	—	—	—
Snyder Basin Special Rec Dist	N/A	—	—	—	—	—	—
Snyderville Basin W R D	N/A	—	—	—	—	—	—
So Davis Metro Fire Agency	N/A	(692,820)	2,996,074	(3,669,722)	4,549	450,064	952,798
So Davis Recreation Center	N/A	—	—	—	—	—	—
So SI Valley Mosq Abate	N/A	—	—	—	—	—	—
So Utah Valley Animal Svcs SSD	N/A	—	—	—	—	—	—
So Utah Valley Power Systems	N/A	—	—	—	—	—	—
Soldier Hollow Charter School	N/A	—	—	—	—	—	—
Solid Waste SSD #1	N/A	—	—	—	—	—	—
Solitude Improvement Dist	N/A	—	—	—	—	—	—
South Davis Sewer Dist	N/A	—	—	—	—	—	—
South Davis Water Dist	N/A	—	—	—	—	—	—
South Ogden City	N/A	(137,178)	603,001	(733,580)	2,013	88,242	190,411
South Ogden Conserv Dist	N/A	—	—	—	—	—	—
South Sanpete School Dist	N/A	—	—	—	—	—	—
South Summit School District	N/A	—	—	—	—	—	—
South Valley Sewer District	N/A	—	—	—	—	—	—
South Valley Water Reclamation	N/A	—	—	—	—	—	—
South Weber City	N/A	—	—	—	—	—	—
Southeastern Utah AOG	N/A	—	—	—	—	—	—
Southeastern Utah Health	N/A	—	—	—	—	—	—
Southern Utah University	N/A	(377)	3,337	(3,214)	197	93	825
Southwest Applied Tech	N/A	—	—	—	—	—	—
Southwest Educ Development Ctr	N/A	—	—	—	—	—	—
Space Dynamics Lab / USU	N/A	—	—	—	—	—	—
Spanish Fork City	N/A	(4,007)	35,482	(34,176)	2,090	989	8,773
Spring City	N/A	—	—	—	—	—	—
Springville City	N/A	(38,642)	191,422	(222,027)	3,018	22,940	57,512
St George Housing Auth	N/A	—	—	—	—	—	—
State of Utah	N/A	(532,555)	3,616,717	(3,758,158)	152,838	229,159	968,495
Stockton Town	N/A	—	—	—	—	—	—
Success Academy	N/A	—	—	—	—	—	—
Summit Academy High School	N/A	—	—	—	—	—	—
Summit Academy Inc	N/A	—	—	—	—	—	—
Summit County	N/A	(6,725)	59,557	(57,366)	3,508	1,659	14,726
Sunset City	N/A	(1,245)	11,028	(10,622)	650	307	2,727
SW Behavioral Health Center	N/A	—	—	—	—	—	—

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
1,516	4,034	3	1,136	73	1,209	2,421	7,819	24	—	7,843
122	1,260	1	513	33	559	1,106	3,533	(27)	—	3,506
—	—	—	—	—	—	—	—	—	—	—
31,160	14,142,998	4,833,988	13,051,772	1,699,908	3,635	19,589,303	1,414,288	1,361	(243,976)	1,171,673
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
97,173	334,548	241	107,096	6,861	—	114,198	737,198	6,021	—	743,219
—	—	—	—	—	—	—	—	—	—	—
2,261	13,743	12	5,180	332	—	5,524	35,657	135	—	35,792
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
21,659	2,694,491	902,621	2,454,085	318,496	8,904	3,684,106	381,857	1,402	(45,554)	337,705
—	—	—	—	—	—	—	—	—	—	—
2,079	9,254	7	3,237	207	37	3,488	22,284	121	—	22,405
—	1,695	2	765	49	929	1,745	5,266	(55)	—	5,211
—	—	—	—	—	—	—	—	—	—	—
5,587	15,602	10	4,519	290	—	4,819	31,105	339	—	31,444
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
11,329	70,801	12,193	47,739	8,525	2,742	71,199	35,079	2,116	(1,082)	36,113
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
44,959	1,452,370	322,979	1,189,074	221,072	—	1,733,125	405,599	6,993	(28,689)	383,903
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,880	284,546	62,950	234,610	43,268	153	340,981	98,879	463	(5,591)	93,751
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	1,115	1	503	32	559	1,095	3,462	(33)	—	3,429
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
1,091	12,943	12	5,347	343	1,836	7,538	36,807	(42)	—	36,765
—	—	—	—	—	—	—	—	—	—	—
9,528	92,998	15,528	64,271	11,077	1,729	92,605	68,783	397	(1,378)	67,802
243,087	1,593,579	113,982	803,354	102,211	28,651	1,048,198	2,805,352	11,074	(10,048)	2,806,378
1,222	1,222	—	—	—	633	633	—	33	—	33
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,642	23,535	20	8,975	575	3,413	12,983	61,782	—	—	61,782
925	4,609	4	1,662	106	59	1,831	11,440	54	—	11,494
—	—	—	—	—	—	—	—	—	—	—

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Sw Mosquito Abatement/Control	N/A	\$ —	—	—	—	—	—
SW Ut Public Health Dept	N/A	—	—	—	—	—	—
Syracuse City Corp	N/A	(117,761)	521,729	(632,657)	2,192	75,390	164,193
Taylor West Weber Wtr Imp Dist	N/A	—	—	—	—	—	—
Taylorsville-Bennion Imp	N/A	—	—	—	—	—	—
Timber Lakes Water SSD	N/A	—	—	—	—	—	—
Timpanogos SSD	N/A	—	—	—	—	—	—
Tintic School District	N/A	—	—	—	—	—	—
Tooele Applied Tech College	N/A	—	—	—	—	—	—
Tooele City	N/A	(8,223)	72,816	(70,136)	4,289	2,029	18,004
Tooele County	N/A	(5,760)	51,007	(49,130)	3,005	1,421	12,612
Tooele County Housing	N/A	—	—	—	—	—	—
Tooele School District	N/A	—	—	—	—	—	—
Tooele Valley Mosquito Abtmt	N/A	—	—	—	—	—	—
Toquerville City	N/A	—	—	—	—	—	—
Torrey Town	N/A	—	—	—	—	—	—
Town of Alta	N/A	—	—	—	—	—	—
Town of Apple Valley	N/A	—	—	—	—	—	—
Town of Brian Head	N/A	(421)	3,725	(3,588)	219	104	921
Town of Daniel	N/A	—	—	—	—	—	—
Town of Garden City	N/A	—	—	—	—	—	—
Town of Goshen	N/A	—	—	—	—	—	—
Town of Levan	N/A	—	—	—	—	—	—
Town of Manila	N/A	—	—	—	—	—	—
Town of Mantua	N/A	—	—	—	—	—	—
Town of Paragonah	N/A	—	—	—	—	—	—
Town of Randolph	N/A	—	—	—	—	—	—
Town of Springdale	N/A	—	—	—	—	—	—
Trans-Jordan Cities	N/A	—	—	—	—	—	—
Tremonton City	N/A	(689)	6,100	(5,875)	359	170	1,508
Tridell-Lapoint Water	N/A	—	—	—	—	—	—
Tuacahn High School	N/A	—	—	—	—	—	—
Uintah Animal Control/Shelter	N/A	—	—	—	—	—	—
Uintah Basin Applied Tech Ctr	N/A	—	—	—	—	—	—
Uintah Basin Assn of Govt	N/A	—	—	—	—	—	—
Uintah Basin Asst Council	N/A	—	—	—	—	—	—
Uintah Co Care Center SSD	N/A	—	—	—	—	—	—
Uintah County	N/A	(11,229)	99,437	(95,778)	5,858	2,771	24,586
Uintah Fire Suppression SSD	N/A	(25,732)	109,790	(135,236)	—	16,848	35,121
Uintah Highlands Improv Dist	N/A	—	—	—	—	—	—
Uintah Mosquito Abate District	N/A	—	—	—	—	—	—
Uintah Recreation District	N/A	—	—	—	—	—	—
Uintah School District	N/A	—	—	—	—	—	—
Uintah Transportation SSD	N/A	—	—	—	—	—	—
Uintah Water Conserv Dist	N/A	—	—	—	—	—	—
Unified Fire Authority	N/A	(6,815,361)	35,057,436	(41,214,897)	13,753	6,136,014	10,532,033
Unified Police Department	N/A	(18,945)	167,772	(161,598)	9,883	4,674	41,482
University of Utah	N/A	(3,523)	31,201	(30,053)	1,838	869	7,715
University of Utah Hospital	N/A	—	—	—	—	—	—
Upper Country Water Dist	N/A	—	—	—	—	—	—
Ut Municipal Power Agency	N/A	—	—	—	—	—	—
Ut Public Employees Assn	N/A	—	—	—	—	—	—
UT School Board Risk Mgmt	N/A	—	—	—	—	—	—
Utah Assn of Counties	N/A	—	—	—	—	—	—
Utah Co Academy of Sciences	N/A	—	—	—	—	—	—
Utah Co Housing Authority	N/A	—	—	—	—	—	—
Utah Communications Authority	N/A	—	—	—	—	—	—
Utah Counties Indemnity Pool	N/A	—	—	—	—	—	—
Utah County	N/A	(17,953)	158,984	(153,133)	9,365	4,430	39,309
Utah Dairy Council	N/A	—	—	—	—	—	—

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
7,030	248,805	53,623	201,060	36,933	846	292,462	92,624	431	(4,762)	88,293
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,769	28,091	25	10,973	703	652	12,353	75,535	195	—	75,730
4,229	21,267	17	7,687	492	3,147	11,343	52,912	46	—	52,958
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	1,244	1	561	36	605	1,203	3,864	(36)	—	3,828
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
686	686	—	—	—	—	—	—	42	—	42
783	2,820	2	919	59	229	1,209	6,327	36	—	6,363
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
18,156	51,371	34	14,985	960	—	15,979	103,151	1,100	—	104,251
1,550	53,519	12,148	44,288	8,287	463	65,186	12,243	226	(1,079)	11,390
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
47,703	16,729,503	5,759,833	15,491,808	2,021,684	14,050	23,287,375	1,271,370	4,525	(290,713)	985,182
10,898	66,937	57	25,283	1,620	—	26,960	174,038	659	—	174,697
4,755	15,177	11	4,702	301	—	5,014	32,367	281	—	32,648
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
3,623	56,727	54	23,959	1,535	2,530	28,078	164,922	74	—	164,996
—	—	—	—	—	—	—	—	—	—	—

Aggregation of Funds with a Net Pension Asset

(Employer's Collective Net Pension Asset for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Concluded)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Utah Education Association	N/A	\$ —	—	—	—	—	—
Utah Housing Corporation	N/A	—	—	—	—	—	—
Utah Lake Commission	N/A	—	—	—	—	—	—
Utah League Cities/Towns	N/A	—	—	—	—	—	—
Utah Local Governments Trust	N/A	—	—	—	—	—	—
Utah Retirement Systems	N/A	—	—	—	—	—	—
Utah Safety Council	N/A	—	—	—	—	—	—
Utah School Boards Association	N/A	—	—	—	—	—	—
Utah School Employees Assn	N/A	—	—	—	—	—	—
Utah State Fair Corp	N/A	—	—	—	—	—	—
Utah State University	N/A	(370)	3,276	(3,156)	193	91	810
Utah Valley Dispatch SSD	N/A	—	—	—	—	—	—
Utah Valley University	N/A	—	—	—	—	—	—
Utah Zoological Society	N/A	—	—	—	—	—	—
UTOPIA	N/A	—	—	—	—	—	—
Valley Emergency Comm Ctr	N/A	—	—	—	—	—	—
Vernal City	N/A	(1,255)	11,112	(10,703)	655	310	2,748
Vineyard Town	N/A	—	—	—	—	—	—
Wasatch County	N/A	(3,475)	30,778	(29,645)	1,813	858	7,610
Wasatch County Fire District	N/A	(181,404)	786,025	(961,964)	1,368	117,704	249,753
Wasatch Front Regional Council	N/A	—	—	—	—	—	—
Wasatch Front Waste/Recycling	N/A	—	—	—	—	—	—
Wasatch Integrated Waste Mgmt	N/A	—	—	—	—	—	—
Wasatch Mental Health SSD	N/A	—	—	—	—	—	—
Wasatch School District	N/A	—	—	—	—	—	—
Wasatch Uniserv	N/A	—	—	—	—	—	—
Washington City	N/A	(41,408)	200,007	(234,269)	2,652	25,037	60,709
Washington Co Solid Waste	N/A	—	—	—	—	—	—
Washington Co Wat Con Dist	N/A	—	—	—	—	—	—
Washington County	N/A	(14,132)	125,150	(120,544)	7,372	3,487	30,944
Washington School District	N/A	—	—	—	—	—	—
Waste Management Serv Dist #5	N/A	—	—	—	—	—	—
Wayne County	N/A	(301)	2,669	(2,571)	157	74	660
Wayne School District	N/A	—	—	—	—	—	—
Weber Area Dispatch 911	N/A	—	—	—	—	—	—
Weber Basin Water Conserv	N/A	—	—	—	—	—	—
Weber Co Mosquito Abate	N/A	—	—	—	—	—	—
Weber County Corp	N/A	(23,835)	211,074	(203,306)	12,434	5,881	52,189
Weber County School District	N/A	—	—	—	—	—	—
Weber Fire District	N/A	(721,602)	3,738,567	(4,381,656)	5,199	644,966	1,119,758
Weber Human Services	N/A	—	—	—	—	—	—
Weber River Water Users	N/A	—	—	—	—	—	—
Weber State University	N/A	—	—	—	—	—	—
Wellington City	N/A	(413)	3,657	(3,522)	215	102	904
Wellsville City Corp	N/A	—	—	—	—	—	—
West Bountiful City	N/A	(2,327)	20,608	(19,850)	1,214	574	5,095
West Kane County SSD #1	N/A	—	—	—	—	—	—
West Point City	N/A	—	—	—	—	—	—
West Valley City	N/A	(1,539,063)	8,044,447	(9,392,652)	20,981	1,363,169	2,400,534
White City Water Imp Dist	N/A	—	—	—	—	—	—
Willard City Corp	N/A	—	—	—	—	—	—
Woodland Peaks Uniserv	N/A	—	—	—	—	—	—
Woods Cross City	N/A	(2,878)	25,485	(24,547)	1,501	710	6,301
Workers Compensation Fund	N/A	—	—	—	—	—	—
Grand Total		\$ (29,836,130)	151,966,592	(178,140,619)	603,603	24,629,046	45,669,065
No Proportionate Share for 2017							
Sunnyside City	N/A	\$ —	—	—	—	—	—
Valley Mental Health	N/A	—	—	—	—	—	—
Summit Mosquito Abatement Dist	N/A	—	—	—	—	—	—
Leeds Area Special Service District	N/A	—	—	—	—	—	—
Canyonlands Health Care	N/A	—	—	—	—	—	—
Grand Total		\$ (29,836,130)	151,966,592	(178,140,619)	603,603	24,629,046	45,669,065

Columns may not add to total due to rounding.

UTAH RETIREMENT SYSTEMS

[illegible]

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
4 Corners Comm Behavior Health	N/A	\$ 1,047,344	2,912,770	(497,916)	23,496	226,356	384,931
Active Re Entry Inc	N/A	254,540	557,575	1,396	7	41,784	64,475
Alpine City	N/A	352,531	970,722	(160,224)	7,892	76,086	128,511
Alpine School District	N/A	181,124,718	402,902,416	(3,940,714)	18,423	30,445,243	46,208,472
Alpine Uniserv	N/A	66,533	145,271	725	—	10,914	16,799
American Fork City	N/A	3,632,692	9,614,040	(1,285,778)	46,635	728,163	1,327,079
American Leadership Academy	N/A	3,393,051	7,554,896	(74,778)	572	558,890	873,414
Ames Charter School	N/A	1,355,108	2,963,708	11,000	19	222,373	342,717
Annabella Town	N/A	37,811	102,260	(15,774)	843	8,141	13,582
Ash Creek SS District	N/A	402,034	1,090,198	(169,930)	8,973	86,586	144,725
Ashley Valley Improv Dist	N/A	357,535	977,089	(156,865)	7,992	77,085	129,528
Ashley Valley Sewer Mgmt Board	N/A	178,432	482,563	(74,438)	3,980	38,415	64,092
Ballard Town	N/A	78,963	215,292	(34,265)	1,764	17,019	28,552
Bear Lake SSD	N/A	54,449	147,255	(22,715)	1,215	11,722	19,558
Bear River Assn of Govts	N/A	595,711	1,634,756	(266,507)	13,328	128,509	216,552
Bear River Health Dept	N/A	1,924,214	5,307,639	(881,510)	43,095	415,394	702,444
Bear River Mental Health	N/A	1,499,106	4,142,306	(692,277)	33,586	323,701	548,046
Bear River Water District	N/A	81,022	226,222	(39,196)	1,819	17,520	29,876
Beaver City	N/A	420,759	1,162,043	(193,855)	9,426	90,848	153,758
Beaver County	N/A	3,174,873	8,203,880	(927,374)	18,224	600,562	1,167,663
Beaver Housing Authority	N/A	47,414	128,228	(19,780)	1,058	10,208	17,031
Beaver School District	N/A	4,678,662	10,293,546	(8,583)	305	768,720	1,190,226
Beaver Valley Hospital	N/A	1,913,983	5,246,713	(851,974)	42,812	412,830	695,152
Benchland Water Company	N/A	176,977	481,892	(76,310)	3,953	38,137	63,924
Bicknell Town	N/A	14,728	39,831	(6,144)	329	3,171	5,290
Big Cottonwood Canyon Imp Dist	N/A	30,211	81,704	(12,603)	674	6,504	10,852
Big Water Municipal Corp	N/A	11,538	29,071	(2,672)	—	2,076	4,249
Blanding City	N/A	573,511	1,524,110	(208,976)	7,960	115,917	209,420
Bluffdale City	N/A	630,126	1,766,844	(310,508)	14,161	136,341	233,157
Bona Vista Water Improve	N/A	217,816	592,283	(93,306)	4,864	46,929	78,587
Bountiful Irrigation District	N/A	210,840	575,088	(91,665)	4,711	45,445	76,263
Box Elder Co Mosq Dist	N/A	106,012	290,031	(46,753)	2,371	22,860	38,440
Box Elder County	N/A	5,052,949	13,386,592	(1,776,078)	43,918	1,034,643	1,832,294
Box Elder School District	N/A	31,599,124	69,886,447	(360,430)	2,446	5,257,970	8,043,899
Bridgerland Applied Tech Ctr	N/A	3,924,042	8,610,677	10,069	167	644,380	995,675
Brigham City	N/A	3,258,547	8,723,810	(1,236,102)	41,336	674,926	1,184,740
Cache County	N/A	7,284,198	18,928,796	(2,241,552)	58,087	1,403,459	2,669,241
Cache Metro Planning Org	N/A	38,995	105,460	(16,268)	870	8,395	14,007
Cache School District	N/A	45,226,514	100,943,050	(1,292,615)	3,757	7,733,757	11,500,807
Canyons School District	N/A	94,115,625	208,533,942	(1,294,279)	11,865	15,486,420	24,110,036
Carbon County	N/A	4,077,660	10,947,341	(1,562,997)	44,761	853,701	1,479,581
Carbon County Rec/Trans SSD	N/A	20,926	56,592	(8,730)	467	4,505	7,516
Carbon School District	N/A	10,045,568	22,253,351	(138,805)	1,059	1,663,878	2,566,260
Castle Dale City	N/A	46,180	126,799	(20,714)	1,033	9,963	16,795
Castle Valley SSD	N/A	259,576	840,901	(224,932)	5,055	90,726	81,683
Cedar City	N/A	3,429,936	9,063,340	(1,196,349)	40,619	682,227	1,255,968
Cedar City Housing Auth	N/A	75,474	209,185	(35,337)	1,692	16,304	27,661
Cedar Mtn Fire Protection Dist	N/A	—	—	—	—	—	—
Centerfield City	N/A	41,919	112,470	(16,312)	694	8,652	15,277
Centerville City	N/A	1,882,783	5,227,237	(868,117)	18,032	448,348	660,254
Central Davis Sewer Dist	N/A	433,441	1,183,393	(189,307)	9,687	93,438	156,905
Central Iron Co Water Conserv	N/A	64,632	184,815	(34,577)	1,458	14,023	24,305
Central UT Public Health	N/A	653,223	1,797,646	(296,085)	14,623	140,971	238,010
Central Utah Counseling Center	N/A	1,257,124	3,442,510	(556,860)	28,113	271,113	456,193
Central Utah Water Dist	N/A	3,204,983	8,806,790	(1,442,684)	71,723	691,517	1,166,336
Central Weber Sewer Dist	N/A	708,322	1,976,613	(341,831)	15,902	153,157	261,059
City of Aurora	N/A	33,676	91,077	(14,049)	751	7,250	12,096
City of Bountiful	N/A	9,903,273	19,814,474	1,696,647	525,152	1,201,652	2,379,079
City of Cedar Hills	N/A	455,736	1,246,431	(200,690)	10,189	98,268	165,211
City of Draper	N/A	4,386,021	11,671,272	(1,606,652)	59,325	884,273	1,605,331

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources					Deferred Inflows of Resources			Pension Expense Excluding That Attributable to Employer-Paid Member Contributions		
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
44,663	679,446	71,841	599,957	25,160	29,037	725,995	453,773	(4,504)	—	449,269
4,797	111,063	14,909	105,634	1,952	5,571	128,066	64,275	530	—	64,805
25,592	238,081	23,246	200,992	8,385	18,915	251,538	142,968	6,600	—	149,568
5,535,639	82,207,777	10,909,809	77,061,713	1,420,836	—	89,392,358	49,049,660	2,047,687	—	51,097,347
175	27,888	3,854	27,560	506	32,996	64,916	16,346	(19,336)	—	(2,990)
141,618	2,243,495	361,906	1,901,912	70,691	81,426	2,415,935	1,417,481	18,365	—	1,435,846
174,814	1,607,690	209,958	1,421,380	27,219	71,715	1,730,272	974,708	28,718	—	1,003,426
72,885	637,994	78,947	561,858	10,348	5,478	656,631	337,670	24,038	—	361,708
1,757	24,323	2,314	21,376	883	390	24,963	13,464	451	—	13,915
44,002	284,286	24,884	227,564	9,418	—	261,866	146,089	15,120	—	161,209
7,609	222,214	22,859	203,118	8,440	27,382	261,799	137,531	(5,741)	—	131,790
332	106,819	10,920	100,871	4,169	1,919	117,879	63,539	(603)	—	62,936
1,500	48,835	5,001	44,810	1,859	3,986	55,656	29,872	(617)	—	29,255
3,849	36,344	3,332	30,781	1,272	1,049	36,434	19,389	1,133	—	20,522
8,786	367,175	38,741	339,091	14,121	9,128	401,081	235,967	193	—	236,160
41,244	1,202,177	127,763	1,097,966	45,848	24,560	1,296,137	789,585	9,415	—	799,000
10,583	915,916	100,237	856,109	35,781	108,586	1,100,713	622,456	(51,761)	—	570,695
3,982	53,197	5,644	46,500	1,954	584	54,682	36,002	1,515	—	37,517
3,152	257,184	28,077	240,229	10,038	61,827	340,171	174,111	(27,475)	—	146,636
91,177	1,877,626	401,408	1,557,267	52,006	56,926	2,067,607	1,257,921	36,202	—	1,294,123
5,023	33,320	2,902	26,804	1,108	—	30,814	16,884	1,895	—	18,779
25,669	1,984,920	278,163	1,946,498	36,322	108,886	2,369,869	1,224,645	(27,891)	—	1,196,754
132,134	1,282,928	123,928	1,088,920	45,323	22,810	1,280,981	752,455	33,876	—	786,331
21,866	127,880	11,146	100,369	4,163	—	115,678	66,307	8,764	—	75,071
1,022	9,812	901	8,326	344	842	10,413	5,244	213	—	5,457
2,086	20,116	1,849	17,079	706	794	20,428	10,758	329	—	11,087
1,533	7,858	1,692	5,336	159	433	7,620	4,464	1,241	—	5,705
27,833	361,130	54,987	303,142	11,428	24,536	394,093	224,330	(775)	—	223,555
299,068	682,727	44,613	362,371	15,261	—	422,245	287,510	134,972	—	422,482
7,238	137,618	13,639	123,450	5,117	20,141	162,347	80,793	(3,200)	—	77,593
1,584	128,003	13,374	119,670	4,968	13,796	151,808	79,991	(5,800)	—	74,191
3,644	67,315	6,808	60,257	2,505	—	69,570	41,099	1,303	—	42,402
110,640	3,021,495	573,053	2,668,920	88,385	167,526	3,497,884	1,966,417	(36,020)	—	1,930,397
838,884	14,143,199	1,886,405	13,306,359	246,103	250,898	15,689,765	8,367,401	137,121	—	8,504,522
111,734	1,751,956	231,226	1,630,093	30,243	144,409	2,035,971	1,005,316	20,774	—	1,026,090
115,328	2,016,330	325,152	1,754,980	63,039	39,220	2,182,391	1,287,015	27,300	—	1,314,315
193,523	4,324,310	855,632	3,645,294	126,085	163,214	4,790,225	2,834,461	32,434	—	2,866,895
1,734	25,006	2,386	22,045	911	—	25,342	13,886	743	—	14,629
2,003,222	21,241,543	2,701,451	19,530,537	352,288	—	22,584,276	12,040,156	792,097	—	12,832,253
756,320	40,364,641	5,730,150	39,315,033	744,998	722,085	46,512,266	26,051,313	(97,539)	—	25,953,774
84,281	2,462,324	431,828	2,209,486	75,710	150,724	2,867,748	1,628,423	(13,679)	—	1,614,744
817	13,305	1,281	11,830	489	783	14,383	7,451	(93)	—	7,358
32,732	4,263,929	606,499	4,217,703	78,967	332,120	5,235,289	2,729,523	(173,673)	—	2,555,850
625	28,416	3,010	26,294	1,095	595	30,994	18,365	(47)	—	18,318
2,384	179,848	14,188	223,578	5,319	1,578	244,663	94,696	21,487	—	116,183
83,045	2,061,859	356,264	1,781,326	65,393	71,400	2,274,383	1,357,598	(11,211)	—	1,346,387
4,558	50,215	5,108	43,164	1,807	1,345	51,424	31,979	1,178	—	33,157
—	—	—	—	—	—	—	—	—	—	—
1,665	26,288	3,605	22,686	884	44,955	72,130	16,386	(17,618)	—	(1,232)
69,836	1,196,470	197,746	1,134,967	32,789	75,467	1,440,969	714,600	46,527	—	761,127
1,245	261,275	27,604	246,129	10,223	28,302	312,258	165,589	(12,711)	—	152,878
6,847	46,633	4,923	37,520	1,596	—	44,039	33,106	2,601	—	35,707
21,721	415,325	42,971	372,324	15,528	32,399	463,222	263,850	(1,248)	—	262,602
66,671	822,090	81,051	714,863	29,738	—	825,652	490,609	26,163	—	516,772
123,872	2,053,448	209,556	1,825,479	76,076	78,739	2,189,850	1,281,258	(4,331)	—	1,276,927
39,061	469,179	49,233	406,409	17,073	22,298	495,013	313,633	(303)	—	313,330
1,091	21,188	2,061	19,038	787	329	22,215	11,992	322	—	12,314
65,933	4,171,816	566,699	3,121,914	119,362	212,368	4,020,343	2,573,238	(114,473)	—	2,458,765
7,132	280,800	29,232	259,001	10,767	28,784	327,784	176,288	(6,498)	—	169,790
135,887	2,684,816	429,406	2,313,766	86,955	162,764	2,992,891	1,746,660	(22,280)	—	1,724,380

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
City of Duchesne	N/A	\$ 115,880	318,488	(52,214)	2,593	25,003	42,178
City of Enterprise	N/A	160,109	433,010	(66,795)	3,571	34,470	57,510
City of Green River	N/A	152,693	421,702	(70,347)	3,421	32,968	55,798
City of Harrisville	N/A	519,826	1,364,306	(173,482)	5,765	102,726	189,835
City of Helper	N/A	308,907	806,111	(97,870)	2,587	59,733	113,409
City of Holladay	N/A	448,238	1,227,431	(198,533)	10,024	96,667	162,657
City of Kanab	N/A	477,996	1,269,445	(170,263)	5,034	94,177	176,571
City of Milford	N/A	113,561	315,728	(53,915)	2,548	24,543	41,727
City of Moab	N/A	1,757,480	4,735,015	(694,394)	26,935	359,613	645,537
City of Monticello	N/A	284,304	765,021	(111,145)	4,130	57,821	104,623
City of Naples	N/A	335,382	981,923	(197,061)	3,010	91,721	114,089
City of North Salt Lake	N/A	2,137,310	5,623,535	(724,680)	24,068	423,033	781,605
City of Orem	N/A	9,010,318	25,670,367	(4,749,326)	2,018,169	2,140,181	3,507,919
City of Riverton	N/A	2,222,484	6,118,228	(1,008,926)	49,755	479,652	810,009
City of Santa Clara	N/A	624,404	1,713,901	(279,651)	13,970	134,703	227,026
City of Saratoga Springs	N/A	2,035,781	5,519,347	(834,399)	416,674	399,998	820,146
City of South Jordan	N/A	6,839,118	18,249,920	(2,555,909)	97,787	1,390,779	2,499,034
City of South Salt Lake	N/A	4,792,331	12,590,099	(1,593,811)	45,865	936,086	1,761,147
City of St George	N/A	15,085,728	40,488,741	(5,825,269)	214,316	3,104,786	5,510,226
City of Taylorsville	N/A	741,926	2,040,153	(335,075)	16,606	160,096	270,155
City of Uintah	N/A	42,989	116,263	(17,934)	959	9,255	15,442
City of Washington Terrace	N/A	401,078	1,094,369	(174,667)	8,963	86,454	145,117
City of Wendover	N/A	114,892	330,389	(62,875)	2,595	24,948	43,408
City of West Haven	N/A	279,373	771,265	(128,486)	6,258	60,317	102,058
City of West Jordan	N/A	10,113,421	27,150,039	(3,917,767)	2,527,497	1,961,657	4,133,125
City of Woodland Hills	N/A	74,802	206,085	(34,081)	1,675	16,146	27,280
Clearfield City	N/A	2,593,533	6,886,633	(931,091)	31,296	517,024	952,633
Cleveland Town	N/A	5,552	17,564	(4,254)	129	1,223	2,271
Clinton City	N/A	1,388,730	3,819,164	(612,206)	16,179	317,565	492,951
Coalville City	N/A	117,087	325,506	(55,569)	2,627	25,304	43,020
Color Country Uniserv	N/A	64,968	143,419	(488)	6	10,682	16,583
Corinne City	N/A	50,845	344,736	(195,677)	—	64,209	—
Cottonwood Heights City	N/A	2,028,250	5,391,787	(734,073)	647,723	373,254	860,270
Cottonwood Heights P&R Srv	N/A	406,528	1,117,593	(183,386)	9,099	87,719	147,997
Cottonwood Imp District	N/A	916,685	2,497,953	(396,714)	20,480	197,560	331,315
Council On Aging Golden Age SS	N/A	117,633	322,247	(52,198)	2,631	25,370	42,701
Daggett County	N/A	467,524	1,233,783	(162,251)	5,732	93,275	170,760
Daggett School District	N/A	1,239,970	2,736,461	(8,684)	114	203,862	316,399
Davis & Weber County Canal Co	N/A	282,605	1,919,720	(1,090,113)	27	356,191	978
Davis Applied Tech College	N/A	3,056,961	6,734,243	(12,179)	233	502,403	778,656
Davis Behavioral Health Inc	N/A	3,597,034	9,957,144	(1,674,670)	80,619	776,899	1,316,956
Davis Co Housing Authority	N/A	249,037	998,544	(376,745)	3,845	134,771	62,715
Davis Co Mosquito Abate	N/A	99,385	268,782	(41,461)	2,217	21,397	35,698
Davis County	N/A	21,101,350	55,698,060	(7,334,746)	259,897	4,211,812	7,706,864
Davis School District	N/A	187,899,879	418,108,982	(4,273,840)	16,068	31,794,560	47,827,047
Davis Uniserv	N/A	46,951	102,514	512	—	7,702	11,855
Ddi Vantage	N/A	1,613,012	11,005,546	(6,255,556)	519	2,023,803	18,641
Delta City	N/A	259,026	714,092	(118,367)	5,801	55,914	94,517
Dixie Applied Tech College	N/A	311,446	680,019	3,394	—	51,091	78,638
Dixie State University	N/A	4,226,666	9,407,334	(97,336)	4,146	722,337	1,057,193
Duchesne Co Mosquito Dist	N/A	25,505	172,927	(98,156)	—	32,208	—
Duchesne Co Water Conserv Dist	N/A	86,008	232,606	(35,881)	1,919	18,517	30,894
Duchesne County	N/A	3,101,621	9,547,963	(2,221,547)	31,874	957,954	1,021,530
Duchesne School District	N/A	13,173,938	29,814,638	(713,639)	1,685	2,318,295	3,361,338
E Duchesne Cul Water Imp Dist	N/A	29,507	79,800	(12,310)	658	6,353	10,599
Eagle Mountain City	N/A	1,110,837	3,086,649	(526,048)	24,916	240,049	407,973
East Carbon City	N/A	199,317	530,294	(72,862)	2,656	40,124	72,994
East Hollywood High School	N/A	720,309	1,609,777	(20,417)	145	118,739	186,095
Educators Mutual Insurance	N/A	5,158,689	11,811,349	(408,298)	119	972,547	1,294,127
Elk Ridge City	N/A	42,916	132,805	(30,624)	985	9,421	17,236

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources					Deferred Inflows of Resources			Pension Expense Excluding That Attributable to Employer-Paid Member Contributions		
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
5,487	75,261	7,583	66,009	2,751	10,708	87,051	46,393	(1,067)	—	45,326
4,792	100,343	9,798	90,513	3,741	3,972	108,024	57,014	(253)	—	56,761
24,383	116,570	10,189	87,179	3,643	5,771	106,782	63,181	4,635	—	67,816
37,828	336,154	54,858	267,614	9,695	18,965	351,132	200,092	9,797	—	209,889
1,676	177,405	36,060	155,374	5,418	24,093	220,945	122,450	(15,089)	—	107,361
20,871	290,219	28,897	254,888	10,603	46,105	340,493	174,905	(6,703)	—	168,202
10,370	286,152	53,257	246,417	8,936	11,982	320,592	201,904	141	—	202,045
10,009	78,827	7,781	65,042	2,727	—	75,550	49,104	3,746	—	52,850
288,349	1,320,434	163,290	944,655	36,459	86,457	1,230,861	728,375	47,603	—	775,978
36,756	203,330	27,383	151,852	5,807	9,806	194,848	119,095	14,001	—	133,096
70,361	279,181	34,843	228,631	5,638	70,249	339,361	131,628	(35,310)	—	96,318
54,278	1,282,984	225,317	1,103,008	40,104	35,114	1,403,543	833,517	16,117	—	849,634
87,860	7,754,129	332,264	5,596,018	282,502	240,251	6,451,035	3,111,368	26,979	—	3,138,347
48,097	1,387,513	146,395	1,266,970	52,851	153,506	1,619,722	899,752	(31,994)	—	867,758
34,260	409,959	40,646	355,462	14,805	24,500	435,413	247,741	(952)	—	246,789
102,546	1,739,364	90,356	1,083,681	64,481	11,284	1,249,802	767,219	32,143	—	799,362
2,108,870	6,096,470	648,098	3,639,584	137,757	39,520	4,464,959	2,708,784	893,474	—	3,602,258
44,649	2,787,747	541,266	2,440,244	86,824	279,720	3,348,054	1,929,261	(134,436)	—	1,794,825
449,307	9,278,635	1,439,415	8,115,710	303,524	135,729	9,994,378	6,070,085	133,358	—	6,203,443
3,815	450,672	48,651	422,725	17,623	117,264	606,263	298,066	(49,361)	—	248,705
8,894	34,550	2,631	24,303	1,004	2,766	30,704	15,308	2,063	—	17,371
11,161	251,695	25,478	227,686	9,454	2,059	264,677	152,555	3,303	—	155,858
30,943	101,894	8,929	66,879	2,854	4,444	83,106	60,718	7,938	—	68,656
20,486	189,119	18,613	159,476	6,662	6,278	191,029	115,302	3,088	—	118,390
502,888	9,125,167	367,676	5,319,798	337,330	58,327	6,083,131	3,472,685	169,062	—	3,641,747
32,872	77,973	4,943	42,659	1,780	153	49,535	30,447	11,067	—	41,514
61,462	1,562,415	270,140	1,352,247	49,925	113,580	1,785,892	1,055,003	(60,929)	—	994,074
585	4,208	586	3,389	151	3,105	7,231	4,544	(1,496)	—	3,048
34,812	861,507	138,242	811,815	25,725	13,672	989,454	534,125	(39,886)	—	494,239
4,989	75,940	8,020	67,060	2,812	509	78,401	50,603	1,245	—	51,848
40,357	67,628	3,907	27,082	510	3,584	35,083	17,471	13,301	—	30,772
—	64,209	—	145,808	—	—	145,808	16,209	25,542	—	41,751
183,497	2,064,744	57,395	1,026,198	73,857	13,724	1,171,174	674,399	67,518	—	741,917
30,814	275,629	26,630	231,599	9,654	2,587	270,470	163,039	14,642	—	177,681
13,796	563,151	57,915	520,067	21,579	51,426	650,987	345,366	(12,630)	—	332,736
450	71,152	7,595	66,904	2,784	26,197	103,480	46,027	(9,997)	—	36,030
992	270,759	47,477	243,410	8,971	265,850	565,708	181,476	(126,845)	—	54,631
78,590	598,965	74,490	516,785	9,708	21,384	622,367	332,656	14,440	—	347,096
1,385	358,581	681	809,392	74	927	811,074	96,759	61,657	—	158,416
157,514	1,438,806	182,536	1,272,744	23,816	—	1,479,096	808,460	72,139	—	880,599
190,390	2,364,864	242,240	2,055,946	86,009	124,927	2,509,122	1,511,553	13,373	—	1,524,926
85,268	286,599	11,441	319,874	4,094	10,655	346,064	95,555	55,011	—	150,566
2,116	61,428	6,082	56,184	2,322	5,152	69,740	35,390	(2,332)	—	33,058
304,056	12,482,629	2,138,452	10,991,891	405,455	1,060,446	14,596,244	8,191,350	(415,079)	—	7,776,271
4,706,776	84,344,451	11,241,653	80,373,896	1,465,739	799,609	93,880,897	50,134,087	1,066,238	—	51,200,325
191	19,748	2,720	19,448	357	29,000	51,525	11,535	(15,897)	—	(4,362)
14,882	2,057,845	12,972	4,606,018	1,402	—	4,620,392	641,241	680,380	—	1,321,621
10,525	166,757	17,161	147,763	6,168	20,767	191,859	105,896	(7,596)	—	98,300
77,505	207,234	18,041	129,010	2,367	—	149,418	76,514	32,316	—	108,830
9,312	1,792,988	240,767	1,821,887	31,141	404,818	2,498,613	1,095,177	(147,708)	—	947,469
—	32,208	—	73,140	—	—	73,140	8,131	11,231	—	19,362
15,948	67,278	5,264	48,622	2,010	2,537	58,433	30,627	4,486	—	35,113
772,073	2,783,431	295,764	2,364,516	52,779	141,103	2,854,162	1,234,023	325,728	—	1,559,751
117,955	5,799,273	799,399	5,851,357	103,915	199,359	6,954,030	3,653,376	(19,293)	—	3,634,083
1,281	18,891	1,806	16,681	689	607	19,783	10,507	269	—	10,776
10,554	683,492	75,936	636,063	26,662	182,845	921,506	478,561	(94,817)	—	383,744
5,560	121,334	19,689	104,986	3,937	46,077	174,689	79,669	(21,027)	—	58,642
78,593	383,572	45,118	302,389	5,836	8,028	361,371	212,657	21,815	—	234,472
52,141	2,318,934	298,885	2,430,772	39,149	339,740	3,108,546	1,297,361	(147,905)	—	1,149,456
2,110	29,752	4,242	25,903	1,147	25,439	56,731	32,140	(12,615)	—	19,525

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Emery Co Care & Rehab Ctr	N/A	\$ 220,406	1,502,826	(854,083)	63	276,726	2,279
Emery County	N/A	2,888,330	7,721,697	(1,078,357)	27,927	608,450	1,041,589
Emery County Recreation SSD	N/A	7,580	23,978	(5,805)	175	1,669	3,101
Emery School District	N/A	8,910,745	19,812,458	(195,029)	522	1,518,049	2,260,015
Emery Town	N/A	16,428	111,386	(63,224)	—	20,746	—
Emery Water Conserv Dist	N/A	118,674	333,064	(58,712)	2,667	25,681	43,944
Enoch City	N/A	331,510	886,751	(124,631)	4,347	66,666	122,029
Ephraim City	N/A	688,131	1,841,071	(261,685)	10,329	140,367	251,613
Escalante City	N/A	83,544	225,942	(34,853)	1,864	17,986	30,009
Eureka City Corporation	N/A	49,369	133,518	(20,596)	1,101	10,629	17,733
Fairview City	N/A	136,925	372,758	(58,914)	3,025	29,454	49,493
Farmington City	N/A	1,854,418	4,948,352	(690,065)	25,275	374,278	680,004
Farr West City	N/A	172,937	468,417	(72,689)	3,859	37,240	62,196
Fast Forward Charter HS	N/A	698,467	1,557,449	(17,115)	126	115,084	180,051
Ferron City	N/A	50,479	141,040	(24,495)	1,134	10,916	18,623
Fillmore City	N/A	176,178	483,783	(79,054)	3,942	38,010	64,078
Five-County Assn of Govts	N/A	720,687	2,125,401	(444,948)	15,472	188,006	253,303
Fountain Green City	N/A	79,572	208,326	(26,298)	946	15,816	28,918
Fox Hollow Golf Course	N/A	61,490	166,298	(25,653)	1,372	13,238	22,087
Francis City	N/A	59,530	162,325	(25,843)	1,330	12,831	21,528
Fruit Heights City	N/A	180,183	494,549	(80,676)	4,031	38,871	65,509
Garden City Fire District	N/A	—	—	—	—	—	—
Garfield County	N/A	2,113,087	5,620,199	(763,664)	19,671	438,977	763,644
Garfield School District	N/A	3,647,485	8,014,079	1,529	195	599,126	926,673
Garland City	N/A	157,218	701,894	(295,528)	22	104,691	32,519
Genola Town	N/A	43,230	116,914	(18,035)	964	9,307	15,528
Grand Co Cemetery Mtce Dist	N/A	37,841	108,193	(20,235)	854	8,210	14,229
Grand County	N/A	2,830,166	7,815,265	(1,281,193)	42,715	634,019	1,017,901
Grand School District	N/A	5,588,786	12,430,391	(112,879)	889	920,353	1,437,086
Grand Water/Sewer Service	N/A	98,774	277,403	(49,011)	2,220	21,376	36,596
Granger-Hunter Imp Dist	N/A	1,682,202	4,634,808	(766,628)	37,666	363,091	613,523
Granite School District	N/A	193,236,745	433,179,029	(7,101,266)	17,353	33,426,352	49,141,171
Granite Uniserv	N/A	210,000	458,520	2,288	—	34,449	53,024
Grantsville City	N/A	921,412	2,434,421	(320,631)	10,667	182,900	337,687
Gunnison City	N/A	144,129	386,125	(55,778)	2,446	29,833	52,383
Gunnison Valley Hospital	N/A	2,350,209	6,436,801	(1,041,806)	52,559	506,859	852,966
Gunnison Valley Police Dept	N/A	137,806	358,215	(42,572)	60,661	23,547	61,490
Heber City	N/A	2,045,270	5,436,867	(736,529)	23,557	406,074	753,409
Heber Light & Power	N/A	1,356,419	3,715,100	(601,359)	30,335	292,534	492,300
Heber Valley Historic Railroad	N/A	194,728	441,929	(10,666)	65	32,205	51,077
Heber Valley SSD	N/A	86,612	234,240	(36,133)	1,932	18,647	31,111
Herriman City	N/A	2,109,401	5,808,043	(958,440)	47,225	455,258	768,917
High Desert Uniserv	N/A	31,882	71,179	(848)	6	5,254	8,229
High School Activities Assn	N/A	434,113	951,127	2,230	13	71,264	109,984
Highland City	N/A	595,182	1,620,205	(256,317)	13,294	128,253	214,935
Hinckley Town	N/A	26,251	76,412	(15,066)	594	5,710	10,019
Honeyville City	N/A	37,616	255,041	(144,765)	—	47,503	—
Hooper City	N/A	150,591	421,693	(73,784)	3,384	32,578	55,660
Hooper Water Improv Dist	N/A	204,012	555,100	(87,659)	4,557	43,959	73,645
Housing Auth of Carbon Co	N/A	101,806	277,903	(44,425)	2,276	21,946	36,848
Housing Auth of SL County	N/A	1,357,128	3,802,629	(666,705)	30,493	293,614	501,867
Housing Authority of SLC	N/A	1,388,478	3,943,284	(729,464)	30,657	322,645	501,868
Housing Authority Ogden City	N/A	330,699	902,885	(144,436)	7,391	71,290	119,712
Huntington City	N/A	93,273	252,254	(38,912)	2,081	20,081	33,503
Hurricane City	N/A	2,456,483	6,527,165	(893,686)	33,758	495,983	897,331
Hurricane Valley Fire SSD	N/A	37,675	103,468	(16,916)	844	8,129	13,704
Hyde Park City	N/A	200,033	545,345	(86,764)	4,469	43,113	72,325
Hyrum City	N/A	628,696	1,711,071	(270,474)	14,042	135,471	226,998
Impact Mitigation SSD	N/A	79,232	214,281	(33,054)	1,767	17,058	28,460
Intech Collegiate High School	N/A	436,723	976,073	(12,430)	88	71,992	112,837

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources					Deferred Inflows of Resources			Pension Expense Excluding That Attributable to Employer-Paid Member Contributions		
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
1,743	280,811	1,586	629,657	171	79	631,493	85,794	76,998	—	162,792
87,308	1,765,274	314,716	1,566,260	51,550	162,185	2,094,711	1,116,118	(40,679)	—	1,075,439
890	5,835	799	4,626	207	2,913	8,545	6,202	(796)	—	5,406
15,969	3,794,555	527,226	3,830,793	68,876	524,485	4,951,380	2,318,202	(236,028)	—	2,082,174
—	20,746	—	47,111	—	—	47,111	5,237	7,897	—	13,134
12,217	84,509	8,432	68,277	2,877	1,414	81,000	54,458	3,455	—	57,913
9,774	202,816	33,581	174,774	6,559	39,238	254,152	138,080	(12,477)	—	125,603
69,978	472,287	63,613	367,853	14,093	12,566	458,125	274,144	28,590	—	302,734
1,401	51,260	5,113	47,229	1,952	13,807	68,101	29,750	(9,465)	—	20,285
4,462	33,925	3,021	27,910	1,153	309	32,393	17,580	1,329	—	18,909
6,806	88,778	8,773	77,519	3,208	19,060	108,560	51,553	(3,288)	—	48,265
79,491	1,159,048	182,079	980,264	36,944	47,232	1,246,519	750,627	11,033	—	761,660
21,531	124,826	10,653	97,835	4,047	1,858	114,393	62,302	7,598	—	69,900
72,527	367,788	43,427	292,839	5,625	—	341,891	202,820	26,958	—	229,778
715	31,388	3,526	28,980	1,218	20,582	54,306	22,530	(7,675)	—	14,855
15,176	121,206	11,488	100,315	4,179	1,356	117,338	70,099	5,052	—	75,151
14,123	470,904	47,107	483,377	16,552	30,528	577,564	306,495	279	—	306,774
195	45,875	8,046	41,162	1,503	7,882	58,593	29,479	(2,869)	—	26,610
154	36,851	3,763	34,762	1,437	1,674	41,636	21,896	(490)	—	21,406
5,588	41,277	3,771	33,784	1,402	—	38,957	22,534	2,074	—	24,608
10,731	119,142	11,726	102,572	4,272	—	118,570	71,461	4,291	—	75,752
—	—	—	—	—	—	—	—	—	—	—
18,245	1,240,537	233,484	1,131,117	37,424	45,118	1,447,143	814,563	4,021	—	818,584
99,727	1,625,721	215,870	1,516,322	28,212	78,388	1,838,792	944,353	31,635	—	975,988
800	138,032	13,189	242,821	1,247	42,915	300,172	61,419	4,588	—	66,007
2,955	28,754	2,646	24,439	1,010	—	28,095	15,394	1,505	—	16,899
8,208	31,501	2,881	21,966	934	—	25,781	19,370	3,403	—	22,773
180,420	1,875,055	255,234	1,640,627	57,510	53,629	2,007,000	1,144,414	20,658	—	1,165,072
38,905	2,397,233	344,593	2,339,730	44,700	48,101	2,777,124	1,592,473	(12,984)	—	1,579,489
11,969	72,161	7,036	56,846	2,396	10,777	77,055	45,517	(1,446)	—	44,071
11,771	1,026,051	111,184	959,355	40,037	164,145	1,274,721	684,960	(63,173)	—	621,787
2,846,963	85,431,839	11,564,676	84,355,168	1,507,380	4,479,959	101,907,183	51,766,302	(1,619,056)	—	50,147,246
36,766	124,239	12,164	86,988	1,596	—	100,748	51,592	18,671	—	70,263
8,785	540,039	96,816	477,562	17,476	31,027	622,881	366,764	(20,113)	—	346,651
308	84,970	12,050	78,183	3,059	96,792	190,084	55,157	(40,769)	—	14,388
152,054	1,564,438	151,620	1,336,542	55,604	38,068	1,581,834	918,191	30,914	—	949,105
66,369	212,067	1,520	65,850	5,702	—	73,072	38,926	18,985	—	57,911
281,908	1,464,948	218,936	1,062,618	39,011	—	1,320,565	849,234	116,437	—	965,671
63,542	878,711	87,518	771,394	32,092	54,226	945,230	530,043	(11,753)	—	518,290
18,883	102,230	12,814	82,479	1,644	—	96,937	63,988	10,451	—	74,439
—	51,690	5,301	48,964	2,024	10,110	66,399	30,842	(3,539)	—	27,303
183,199	1,454,599	139,054	1,202,614	50,171	—	1,391,839	855,097	80,465	—	935,562
18,477	31,966	1,990	13,377	258	3,584	19,209	9,342	4,553	—	13,895
5,624	186,885	25,446	180,177	3,332	24,505	233,460	109,807	(5,653)	—	104,154
6,531	363,013	37,443	337,505	13,997	8,006	396,951	222,567	(2,623)	—	219,944
2,047	18,370	2,129	15,372	659	5,699	23,859	14,801	(1,428)	—	13,373
—	47,503	—	107,871	—	—	107,871	11,992	16,957	—	28,949
7,536	99,158	10,608	86,546	3,642	6,833	107,629	68,150	(2,067)	—	66,083
8,675	130,836	12,809	115,662	4,795	136	133,402	76,026	3,213	—	79,239
427	61,497	6,478	57,805	2,401	34,609	101,293	38,842	(12,939)	—	25,903
42,362	868,336	95,824	780,188	32,844	38,835	947,691	616,505	(5,612)	—	610,893
38,983	894,153	93,315	844,495	32,796	122,523	1,093,129	594,465	(56,117)	—	538,348
5,904	204,297	21,061	187,787	7,800	12,632	229,280	126,341	(2,157)	—	124,184
3,930	59,595	5,708	52,729	2,179	4,126	64,742	33,214	(843)	—	32,371
81,776	1,508,848	237,000	1,297,044	48,817	35,530	1,618,391	963,206	31,570	—	994,776
17,987	40,664	2,458	21,453	894	52	24,857	15,005	8,866	—	23,871
3,275	123,182	12,662	113,511	4,711	4,831	135,715	75,623	(1,498)	—	74,125
24,541	401,052	39,515	356,473	14,781	20,732	431,501	234,733	(1,104)	—	233,629
560	47,845	4,849	44,792	1,851	2,163	53,655	28,214	(845)	—	27,369
75,110	260,027	27,360	183,346	3,539	—	214,245	128,998	31,806	—	160,804

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Iron County	N/A	\$ 4,485,108	11,849,105	(1,549,448)	43,096	896,667	1,639,473
Iron School District	N/A	24,233,059	53,551,851	(241,493)	1,785	4,027,033	6,166,595
Itineris High School	N/A	884,672	1,947,974	(2,846)	64	145,380	225,239
Ivins City	N/A	1,173,989	3,108,903	(414,383)	13,810	233,426	430,759
Jordan River Commission	N/A	38,101	103,043	(15,895)	850	8,203	13,686
Jordan School District	N/A	128,409,461	285,625,958	(2,751,799)	14,361	21,505,076	32,805,716
Jordan Uniserv	N/A	156,997	342,791	1,711	—	25,754	39,641
Jordan Valley Water Conserv	N/A	3,930,923	11,161,837	(2,078,334)	85,513	957,417	1,385,431
Jordanella SSD	N/A	639,313	1,755,460	(286,812)	14,305	137,927	232,517
Juab County	N/A	1,571,280	4,216,455	(602,577)	17,235	333,755	566,062
Juab School District	N/A	6,485,778	14,302,906	(37,475)	553	1,066,157	1,653,767
Kamas City	N/A	207,490	542,932	(68,008)	2,301	40,990	75,593
Kane County	N/A	2,541,070	6,726,356	(885,481)	25,341	498,318	938,089
Kane County Water Conserv Dist	N/A	189,778	526,708	(89,398)	4,256	41,003	69,631
Kane School District	N/A	4,535,356	10,068,428	(80,929)	482	756,190	1,158,267
Kaysville City	N/A	3,033,901	8,149,854	(1,172,015)	35,760	640,286	1,097,042
Kearns Improvement Dist	N/A	901,623	2,879,097	(745,358)	17,857	301,982	289,338
Laverkin City	N/A	407,244	1,148,776	(204,595)	5,218	100,198	142,217
Layton City	N/A	6,936,165	18,645,037	(2,672,308)	69,176	1,468,826	2,506,913
Lehi City	N/A	6,067,095	16,216,498	(2,290,638)	88,810	1,234,031	2,219,654
Lewiston City	N/A	82,145	230,627	(40,702)	1,847	17,777	30,427
Liberty Academy Charter	N/A	289,931	687,849	(38,667)	214	48,416	79,453
Lindon City	N/A	1,782,186	4,669,183	(587,769)	19,391	351,549	650,419
Logan City	N/A	11,570,229	26,657,943	(845,293)	161,685	1,858,554	3,246,129
Logan School District	N/A	15,155,251	33,926,478	(511,843)	1,576	2,597,589	3,862,688
Lone Peak PS District	N/A	862,889	2,235,424	(258,587)	412,409	143,983	391,880
Maeser Water Improve Dist	N/A	148,698	402,150	(62,034)	3,317	32,014	53,412
Magna Mosquito Abatement	N/A	37,584	101,645	(15,679)	838	8,092	13,500
Manti City	N/A	242,784	665,779	(108,258)	5,431	52,369	88,205
Mapleton City	N/A	938,036	2,491,775	(341,632)	13,327	190,052	342,000
Marriott-Slaterville City	N/A	78,121	213,802	(34,510)	1,746	16,846	28,336
Mayfield Town	N/A	21,249	57,468	(8,865)	474	4,575	7,633
Mendon City	N/A	26,138	72,514	(12,290)	587	5,647	9,587
Metro Water Dist SLC/Sandy	N/A	1,795,051	4,888,947	(774,913)	40,099	386,833	648,503
Midvale City	N/A	1,584,120	4,384,089	(736,760)	35,502	342,132	579,874
Midvalley Improvement District	N/A	283,811	771,939	(121,729)	6,338	61,150	102,420
Midway City	N/A	303,320	840,103	(141,572)	6,799	65,517	111,104
Military Installation Devel	N/A	121,793	329,386	(50,810)	2,717	26,221	43,748
Millard Co Care & Rehab Inc	N/A	523,162	1,463,668	(255,328)	11,751	113,162	193,225
Millard County	N/A	3,988,969	10,446,935	(1,305,544)	39,927	781,550	1,459,977
Millard School District	N/A	11,544,236	25,960,912	(498,907)	839	2,028,479	2,926,927
Millcreek City	N/A	43,468	121,573	(21,185)	977	9,402	16,050
Millville City	N/A	76,175	209,308	(34,281)	1,705	16,436	27,720
Minersville Town	N/A	68,967	187,620	(29,608)	1,541	14,860	24,892
Moab Valley Fire Protection	N/A	—	—	—	—	—	—
Monroe City	N/A	217,199	589,003	(91,823)	4,848	46,779	78,191
Monticello Academy	N/A	1,094,181	2,456,687	(39,688)	264	180,547	283,982
Morgan City Corporation	N/A	390,635	1,061,741	(166,978)	8,723	84,159	140,889
Morgan County	N/A	1,070,188	2,846,199	(392,071)	15,085	216,674	390,716
Morgan School District	N/A	5,925,673	13,117,070	(71,899)	698	974,854	1,516,574
Moroni City	N/A	41,420	115,808	(20,160)	931	8,958	15,291
Mount Pleasant City	N/A	499,204	1,323,447	(177,923)	6,167	99,716	182,942
Mountain Regional Water SSD	N/A	763,882	2,085,616	(333,663)	17,072	164,672	276,572
Mountainland Assn of Govt	N/A	1,044,374	3,047,125	(620,683)	22,292	274,693	361,414
Mountainland ATC	N/A	1,281,883	2,798,894	13,968	—	210,284	323,666
Mt Olympus Improvement Dist	N/A	744,499	2,034,419	(326,506)	16,642	160,512	269,699
Murray City	N/A	10,008,266	27,272,529	(4,220,755)	136,807	2,204,058	3,588,754
Murray School District	N/A	18,124,756	40,160,503	(265,259)	1,631	3,020,802	4,620,118
Myton City	N/A	54,515	149,825	(24,559)	1,220	11,763	19,842
N Tooele Co Fire Protection SD	N/A	1,601	4,331	(668)	36	345	575

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions				
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions			Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions	
							Proportionate Share of Allocable Plan Gross Pension Expense	Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions		
30,948	2,610,184	501,495	2,328,574	80,945	385,353	3,296,367	1,787,932	(179,502)	—	1,608,430	
317,175	10,512,588	1,444,640	10,190,697	188,520	132,049	11,955,906	6,394,420	48,306	—	6,442,726	
26,240	396,923	52,744	368,230	6,884	3,155	431,013	233,109	12,298	—	245,407	
55,006	733,001	123,079	609,967	22,402	118,921	874,369	472,476	(15,620)	—	456,856	
824	23,563	2,332	21,539	890	3,385	28,146	13,568	(691)	—	12,877	
2,249,159	56,574,312	7,766,916	54,474,443	1,010,802	792,588	64,044,749	35,094,619	326,013	—	35,420,632	
468	65,863	9,094	65,033	1,193	14,080	89,400	38,570	(4,569)	—	34,001	
16,140	2,444,501	244,060	2,474,090	90,272	36,959	2,845,381	1,499,372	35,099	—	1,534,471	
19,439	404,188	41,678	364,012	15,164	14,819	435,673	254,297	1,244	—	255,541	
100,099	1,017,151	163,530	860,454	28,934	22,969	1,075,887	605,190	33,924	—	639,114	
299,749	3,020,226	388,673	2,701,961	50,679	—	3,141,313	1,729,959	119,904	—	1,849,863	
12,865	131,749	21,729	106,667	3,856	8,254	140,506	78,199	7,667	—	85,866	
62,018	1,523,766	287,481	1,302,480	46,813	47,075	1,683,849	1,064,690	6,363	—	1,071,053	
8,043	122,933	12,913	108,606	4,549	8,700	134,768	81,132	135	—	81,267	
33,607	1,948,546	273,814	1,915,796	35,649	21,624	2,246,883	1,233,401	(7,558)	—	1,225,843	
104,521	1,877,609	309,489	1,656,394	57,201	132,660	2,155,744	1,186,508	22,534	—	1,209,042	
8,906	618,083	51,006	748,419	18,854	22,774	841,053	339,311	(1,888)	—	337,423	
191,960	439,593	37,868	254,288	7,668	15,389	315,213	155,596	(390,826)	—	(235,230)	
38,913	4,083,828	754,435	3,785,710	125,208	298,377	4,963,730	2,748,340	(134,558)	—	2,613,782	
289,252	3,831,747	569,793	3,233,153	123,310	58,334	3,984,590	2,423,101	102,421	—	2,525,522	
3,207	53,258	5,844	47,269	1,991	18,263	73,367	37,777	(5,306)	—	32,471	
23,757	151,840	21,815	126,043	2,738	92,105	242,701	124,049	(36,444)	—	87,605	
100,917	1,122,276	188,983	915,295	33,034	2,439	1,139,751	681,273	42,146	—	723,419	
76,626	5,342,994	991,744	4,820,339	195,994	203,567	6,211,644	3,437,650	(35,658)	—	3,401,992	
236,310	6,698,163	912,583	6,564,434	118,830	574,032	8,169,879	4,112,906	(54,355)	—	4,058,551	
19,412	967,684	5,666	405,572	37,118	22,033	470,389	238,608	(1,897)	—	236,711	
259	89,002	9,100	84,062	3,474	7,705	104,341	52,951	(4,048)	—	48,903	
4,289	26,719	2,300	21,247	878	3,018	27,443	13,384	(402)	—	12,982	
7,696	153,701	15,744	138,151	5,751	3,319	162,965	95,696	2,389	—	98,085	
11,064	556,443	88,380	496,907	18,795	55,695	659,777	362,796	(21,678)	—	341,118	
3,008	49,936	5,025	44,411	1,847	116	51,399	30,362	1,022	—	31,384	
3,936	16,618	1,300	12,013	496	362	14,171	7,567	1,170	—	8,737	
2,763	18,584	1,775	14,956	626	—	17,357	11,145	989	—	12,134	
11,785	1,087,220	113,163	1,018,145	42,235	56,078	1,229,621	673,734	(16,174)	—	657,560	
15,342	972,850	106,586	905,332	37,869	34,498	1,084,285	664,678	(11,814)	—	652,864	
36,896	206,804	17,791	160,875	6,669	—	185,335	105,476	14,414	—	119,890	
15,492	198,912	20,472	173,413	7,257	6,683	207,825	127,932	4,793	—	132,725	
7,923	80,609	7,454	68,852	2,846	—	79,152	43,370	3,274	—	46,644	
15,600	333,738	36,725	300,539	12,643	12,773	362,680	235,429	770	—	236,199	
16,562	2,298,016	438,904	2,034,927	72,645	130,086	2,676,562	1,555,191	(52,538)	—	1,502,653	
138,987	5,095,232	685,541	5,108,666	89,466	129,920	6,013,593	3,043,858	51,718	—	3,095,576	
35,629	62,058	3,048	24,967	1,050	—	29,065	19,523	11,919	—	31,442	
3,957	49,818	4,980	43,386	1,808	4,527	54,701	30,442	61	—	30,503	
6,781	48,074	4,327	39,096	1,621	1,439	46,483	25,667	2,130	—	27,797	
—	—	—	—	—	—	—	—	—	—	—	
13,290	143,108	13,446	122,944	5,089	—	141,479	78,950	5,405	—	84,355	
44,886	509,679	69,577	460,576	8,977	121,919	661,049	333,988	(29,790)	—	304,198	
20,246	254,017	24,416	221,353	9,172	—	254,941	144,421	7,260	—	151,681	
14,373	636,848	101,747	566,759	21,425	48,373	738,304	418,548	(24,009)	—	394,539	
95,509	2,587,635	359,628	2,473,975	46,783	79,279	2,959,665	1,628,121	(22,661)	—	1,605,460	
2,738	27,918	2,900	23,787	1,000	4,942	32,629	18,566	(1,062)	—	17,504	
32,722	321,547	51,108	260,638	9,645	1,493	322,884	199,515	12,610	—	212,125	
18,671	476,942	48,651	433,773	18,017	3,086	503,527	291,874	8,456	—	300,330	
38,740	697,139	63,914	702,189	23,554	—	789,657	400,317	37,325	—	437,642	
96,118	630,068	74,254	530,992	9,743	12,171	627,160	314,925	44,295	—	359,220	
19,601	466,454	47,584	422,936	17,575	40,691	528,786	286,203	(9,758)	—	276,445	
169,450	6,099,069	939,005	5,687,748	195,897	383,221	7,205,871	3,871,042	(123,838)	—	3,747,204	
530,472	8,173,023	1,087,264	7,647,888	141,718	378,675	9,255,545	4,855,596	1,592	—	4,857,188	
14,253	47,078	3,567	31,053	1,295	2,320	38,235	21,819	3,831	—	25,650	
1,301	2,257	98	905	37	—	1,040	570	441	—	1,011	

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
N Ut Environmental Rsrc Agcy	N/A	\$ 144,389	393,902	(62,825)	3,226	31,123	52,234
Ne Counseling Center	N/A	—	—	—	—	—	—
Nebo Credit Union	N/A	339,950	931,466	(151,001)	7,603	73,320	123,423
Nebo School District	N/A	84,819,459	187,656,510	(970,797)	8,827	13,997,584	21,669,528
Nephi City	N/A	1,074,678	2,872,665	(405,723)	15,646	218,459	393,308
Nibley City Corporation	N/A	259,706	722,162	(123,385)	5,826	56,127	95,439
Noah Webster Academy Inc	N/A	686,308	1,557,798	(37,775)	231	113,509	180,047
North Davis Co Sewer Dist	N/A	1,227,764	3,482,955	(647,096)	26,665	300,338	431,291
North Davis Fire District	N/A	26,845	72,602	(11,199)	599	5,780	9,643
North Emery Water Users SSD	N/A	11,849	36,413	(8,263)	272	2,598	4,731
North Fork SSD	N/A	45,294	127,425	(22,639)	1,018	9,805	16,806
North Logan City	N/A	421,783	1,265,617	(279,016)	8,908	116,571	145,566
North Ogden City	N/A	1,516,064	4,008,199	(527,380)	16,481	299,334	557,338
North Park Police Agency	N/A	309,128	785,892	(78,641)	848	56,962	113,489
North Pointe Solid Waste	N/A	458,249	1,263,791	(209,766)	10,263	98,923	167,263
North Sanpete School Dist	N/A	7,307,280	16,140,057	(66,438)	517	1,213,615	1,858,914
North Summit School District	N/A	3,944,785	8,658,487	8,372	177	647,822	1,001,200
North View Fire District	N/A	21,728	58,762	(9,064)	485	4,678	7,805
Northeastern Counseling Ctr	N/A	940,269	2,595,138	(431,932)	21,062	202,999	343,420
NUAMES Charter School	N/A	1,726,854	3,810,289	(11,584)	155	283,900	440,560
Oakley City	N/A	58,131	397,039	(225,729)	22	72,856	783
Ogden City Corp	N/A	26,285,351	49,998,804	6,735,094	1,348,693	2,918,498	4,617,794
Ogden School District	N/A	36,063,875	79,966,304	(540,847)	4,776	5,935,110	9,245,356
Ogden Weber/NEA/UEA Uniserv	N/A	92,894	202,828	1,012	—	15,239	23,455
Ogden-Weber Tech College	N/A	2,684,403	6,157,715	(222,156)	67	508,581	673,332
Oquirrh Rec And Parks District	N/A	434,120	1,176,622	(183,051)	9,688	93,490	156,212
Orangeville City	N/A	49,187	133,656	(21,001)	1,099	10,596	17,736
Orderville Town	N/A	37,400	102,389	(16,546)	836	8,066	13,569
Panguitch City Corporation	N/A	103,128	288,213	(50,094)	2,316	22,304	38,055
Park City	N/A	7,780,234	22,566,115	(4,421,269)	117,376	1,967,500	2,745,208
Park City Fire Service	N/A	179,102	498,946	(85,788)	4,019	38,718	65,918
Park City School District	N/A	22,744,114	50,464,865	(382,865)	2,426	3,785,282	5,809,377
Parowan City	N/A	649,814	1,732,668	(243,475)	10,150	133,104	236,424
Payson City	N/A	2,726,950	7,301,737	(1,044,628)	42,475	558,644	995,707
Perry City	N/A	445,575	1,160,092	(139,488)	3,894	86,384	163,073
Piute County	N/A	364,708	966,092	(130,513)	5,052	73,674	132,840
Piute School District	N/A	1,473,175	3,250,957	(10,195)	134	242,200	375,887
Plain City	N/A	142,818	390,378	(62,719)	3,193	30,793	51,749
Pleasant Grove City	N/A	2,489,240	6,588,563	(881,040)	31,686	498,558	909,794
Pleasant View City	N/A	693,035	1,822,865	(234,048)	7,570	136,810	253,684
Price City	N/A	1,923,875	5,093,015	(684,175)	25,750	387,243	701,584
Price River Water Improve	N/A	646,161	1,764,919	(282,784)	14,443	139,302	233,990
Providence City	N/A	215,491	595,134	(99,278)	4,827	46,528	78,747
Provo City Corp	N/A	20,935,933	47,221,706	(775,458)	508,912	3,247,189	5,874,246
Provo Housing Authority	N/A	347,254	1,186,505	(351,004)	6,577	131,973	108,024
Provo River Water Users	N/A	402,632	1,101,067	(177,211)	9,001	86,815	145,947
Provo School District	N/A	40,154,072	89,799,824	(1,261,128)	5,008	6,812,163	10,265,511
Recreation & Habilitation Svcs	N/A	23,389	63,255	(9,758)	522	5,036	8,401
Redmond Town	N/A	43,317	117,150	(18,071)	966	9,326	15,559
Rich County	N/A	552,525	1,574,039	(287,812)	5,573	138,143	193,165
Rich School District	N/A	2,483,147	5,460,593	(2,578)	152	407,949	631,404
Richfield City	N/A	1,070,413	2,798,818	(348,575)	11,533	210,929	390,185
Richmond City	N/A	96,966	273,839	(49,262)	2,182	21,002	36,091
Riverdale City	N/A	1,986,185	5,179,500	(630,905)	18,740	387,235	725,994
Roosevelt City	N/A	1,073,658	2,837,317	(375,389)	13,058	214,077	392,724
Roosevelt City Housing	N/A	17,957	48,564	(7,491)	401	3,866	6,450
Roy City	N/A	3,531,084	9,397,671	(1,281,356)	34,684	728,288	1,280,831
Roy Water Conserv Dist	N/A	198,188	535,992	(82,680)	4,421	42,668	71,188
S Utah Valley Electric Svc Dst	N/A	386,562	1,063,326	(174,852)	8,653	83,418	140,796
S Utah Valley Solid Waste	N/A	361,625	981,352	(153,408)	8,072	77,892	130,258

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources						Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions			Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions	
							Proportionate Share of Allocable Plan Gross Pension Expense	Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions		
117,593	204,176	9,165	81,960	3,403	—	94,528	54,845	39,748	—	94,593	
—	—	—	—	—	—	—	—	—	—	—	
19,645	223,991	21,971	193,366	8,047	10,587	233,971	133,220	649	—	133,869	
2,636,507	38,312,446	5,119,311	35,491,352	666,607	—	41,277,270	23,017,519	1,076,618	—	24,094,137	
32,854	660,267	101,350	572,386	21,812	49,541	745,089	430,256	(9,698)	—	420,558	
18,799	176,191	17,804	148,758	6,238	—	172,800	112,411	9,060	—	121,471	
12,969	306,756	45,187	290,720	5,795	19,051	360,753	225,756	(2,740)	—	223,016	
9,945	768,239	75,306	774,962	28,089	38,203	916,560	459,485	2,516	—	462,001	
1,090	17,112	1,643	15,176	627	579	18,025	9,559	56	—	9,615	
498	8,099	1,147	7,127	315	9,525	18,114	8,619	(3,171)	—	5,448	
1,229	28,858	3,248	26,089	1,101	15,186	45,624	21,091	(6,489)	—	14,602	
16,747	287,792	26,810	296,983	9,508	232,860	566,161	175,232	(111,143)	—	64,089	
82,070	955,223	164,613	781,884	28,385	14,561	989,443	616,769	29,878	—	646,647	
173,440	344,739	42,090	146,877	4,624	—	193,591	118,423	84,990	—	203,413	
21,679	298,128	30,406	261,457	10,917	6,845	309,625	187,820	3,152	—	190,972	
43,532	3,116,578	435,126	3,070,897	56,794	18,451	3,581,268	1,922,856	306	—	1,923,162	
109,222	1,758,421	232,659	1,638,958	30,425	33,259	1,935,301	1,012,840	16,495	—	1,029,335	
563	13,531	1,330	12,283	508	97	14,218	7,737	175	—	7,912	
10,614	578,095	62,582	536,674	22,417	43,120	664,793	387,397	(19,241)	—	368,156	
357,649	1,082,264	103,678	719,632	13,513	—	836,823	462,634	153,109	—	615,743	
875	74,536	545	165,878	59	—	166,482	23,868	23,817	—	47,685	
185,469	9,070,454	638,631	7,453,505	146,139	46,878	8,285,153	7,443,316	13,326	—	7,456,642	
268,940	15,454,182	2,201,108	15,071,387	286,048	790,691	18,349,234	10,039,220	(233,172)	—	9,806,048	
20,556	59,250	5,381	38,479	706	452	45,018	22,822	7,768	—	30,590	
2,189	1,184,169	155,595	1,270,761	20,377	381,235	1,827,968	676,364	(242,905)	—	433,459	
40,521	299,911	26,814	245,668	10,165	1,733	284,380	157,164	12,675	—	169,839	
1,494	30,925	3,071	27,869	1,155	—	32,095	18,153	599	—	18,752	
1,938	24,409	2,408	21,265	885	—	24,558	14,567	642	—	15,209	
13,022	75,697	7,209	59,213	2,490	9,631	78,543	46,095	(1,381)	—	44,714	
666,553	5,496,637	693,030	5,023,841	156,877	147,284	6,021,032	3,341,859	400,059	—	3,741,918	
14,851	123,506	12,366	102,680	4,310	8,018	127,374	78,448	3,269	—	81,717	
680,098	10,277,183	1,373,440	9,591,615	178,808	299,206	11,443,069	6,186,930	48,146	—	6,235,076	
25,220	404,898	57,594	348,359	13,406	27,501	446,860	248,938	1,412	—	250,350	
69,978	1,666,804	245,441	1,464,233	56,457	123,242	1,889,373	1,077,150	(3,749)	—	1,073,401	
77,979	331,330	50,973	224,495	7,853	5,172	288,493	172,298	38,650	—	210,948	
13,067	224,633	34,686	192,452	7,239	24,904	259,281	139,554	(9,875)	—	129,679	
6,320	624,541	88,485	613,961	11,533	72,499	786,478	395,068	(27,188)	—	367,880	
28,602	114,337	9,139	81,143	3,372	7,626	101,280	55,016	9,083	—	64,099	
58,392	1,498,430	249,330	1,302,280	48,348	98,906	1,698,864	974,687	(21,873)	—	952,814	
39,070	437,134	74,101	356,697	12,913	9,209	452,920	271,977	18,454	—	290,431	
14,246	1,128,823	186,873	1,011,434	37,831	136,102	1,372,240	741,770	(62,861)	—	678,909	
2,182	389,917	41,223	366,995	15,246	38,276	461,740	247,611	(15,513)	—	232,098	
1,599	131,701	14,379	123,033	5,141	16,047	158,600	89,166	(6,804)	—	82,362	
66,241	9,696,588	1,789,501	8,426,157	392,666	315,894	10,924,218	6,318,352	(65,978)	—	6,252,374	
3,329	249,903	20,422	323,975	7,066	22,249	373,712	147,673	9,948	—	157,621	
1,872	243,635	25,814	228,810	9,512	12,624	276,760	155,622	(4,750)	—	150,872	
1,096,703	18,179,385	2,439,037	17,245,926	317,133	472,724	20,474,820	11,102,427	(17,075)	—	11,085,352	
1,023	14,982	1,431	13,222	546	3,016	18,215	8,329	(566)	—	7,763	
1,604	27,455	2,651	24,488	1,012	285	28,436	15,425	558	—	15,983	
171,783	508,664	57,610	348,999	9,779	10,006	426,394	223,351	(56,087)	—	167,264	
106,924	1,146,429	147,395	1,032,800	19,252	—	1,199,447	647,469	40,771	—	688,240	
21,218	633,865	113,455	548,797	19,756	9,568	691,576	404,589	2,410	—	406,999	
5,958	65,233	7,053	55,954	2,365	22,739	88,111	46,204	(5,153)	—	41,051	
44,244	1,176,213	221,572	1,006,803	35,580	29,969	1,293,924	762,853	(23,135)	—	739,718	
35,221	655,080	109,935	558,946	20,596	57,512	746,989	421,842	(6,632)	—	415,210	
—	10,717	1,099	10,151	420	661	12,331	6,394	(296)	—	6,098	
160,383	2,204,186	386,831	1,882,179	63,612	93,790	2,426,412	1,383,547	29,022	—	1,412,569	
7,779	126,056	12,129	112,040	4,631	3,979	132,779	70,574	1,832	—	72,406	
31,686	264,553	25,382	220,286	9,186	2,103	256,957	155,658	12,491	—	168,149	
497	216,719	22,454	204,763	8,477	148,999	384,693	132,145	(52,242)	—	79,903	

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Salem City	N/A	\$ 1,214,787	3,217,547	(434,112)	16,666	245,147	442,647
Salina City	N/A	241,516	638,865	(85,198)	3,078	48,375	88,224
Salt Lake Arts Academy	N/A	953,667	2,117,888	(16,799)	139	156,998	244,855
Salt Lake City Corp	N/A	132,080,511	268,361,583	19,383,180	4,228,862	16,720,520	29,792,547
Salt Lake City Public Library	N/A	2,087,092	5,746,079	(947,895)	46,724	450,438	760,726
Salt Lake Co Serv Area 3	N/A	78,308	211,781	(32,669)	1,747	16,859	28,128
Salt Lake Community College	N/A	13,786,830	31,315,488	(848,938)	1,545	2,466,587	3,507,427
Salt Lake County	N/A	84,200,860	228,553,220	(34,894,614)	1,336,216	17,970,079	30,527,634
Salt Lake School District	N/A	91,574,092	205,882,386	(3,895,014)	7,468	16,030,765	23,247,500
San Juan County	N/A	2,825,133	7,528,236	(1,050,584)	41,994	575,405	1,030,183
San Juan Mental Health	N/A	355,360	971,253	(155,994)	7,944	76,617	128,752
San Juan School District	N/A	13,129,908	29,064,684	(165,338)	1,297	2,174,700	3,351,601
Sandy City	N/A	10,603,108	29,482,188	(4,989,375)	2,149,756	2,344,058	4,147,258
Sandy Suburban Imp Dist	N/A	507,521	1,376,433	(214,659)	11,327	109,307	182,719
Sanpete County	N/A	2,205,157	5,772,697	(716,009)	20,212	429,208	809,283
Santaquin City	N/A	1,092,820	2,873,196	(368,361)	12,042	215,880	399,751
Seven County Infrastructure	N/A	6,294	17,021	(2,626)	140	1,355	2,261
Sevier County	N/A	2,870,223	7,467,861	(889,583)	22,558	552,587	1,053,238
Sevier School District	N/A	14,128,976	31,185,814	(115,661)	749	2,355,884	3,586,021
Six-County Assoc of Govt	N/A	410,776	1,114,607	(174,160)	9,169	88,477	147,948
Slc Mosquito Abatement	N/A	202,762	565,985	(97,978)	4,553	43,844	74,748
Smithfield City Corp	N/A	809,567	2,168,075	(309,680)	12,260	165,320	296,106
Snow College	N/A	3,404,951	7,605,271	(103,662)	1,602	590,699	856,060
Snyder Basin Special Rec Dist	N/A	402,536	1,143,699	(209,761)	9,071	87,259	150,578
Snyderville Basin W R D	N/A	1,326,064	3,609,654	(570,954)	29,618	285,745	478,856
So Davis Metro Fire Agency	N/A	48,148	130,214	(20,086)	1,074	10,366	17,294
So Davis Recreation Center	N/A	210,892	579,074	(94,609)	4,719	45,498	76,700
So SI Valley Mosq Abate	N/A	93,590	260,694	(44,805)	2,100	20,231	34,442
So Utah Valley Animal Svcs SSD	N/A	39,267	110,752	(19,842)	884	8,503	14,600
So Utah Valley Power Systems	N/A	43,873	118,654	(18,303)	979	9,446	15,759
Soldier Hollow Charter School	N/A	508,453	1,136,613	(14,642)	103	83,821	131,396
Solid Waste SSD #1	N/A	64,417	190,643	(39,358)	1,464	14,046	24,925
Solitude Improvement Dist	N/A	—	—	—	—	—	—
South Davis Sewer Dist	N/A	928,173	3,035,442	(828,504)	17,908	332,115	289,273
South Davis Water Dist	N/A	164,960	446,129	(68,818)	3,680	35,515	59,253
South Ogden City	N/A	2,138,387	5,558,736	(662,239)	18,398	414,064	782,022
South Ogden Conserv Dist	N/A	541,304	1,492,554	(247,563)	12,122	116,849	197,547
South Sanpete School Dist	N/A	10,316,340	22,701,452	(22,300)	689	1,695,078	2,624,925
South Summit School District	N/A	5,323,270	11,715,259	(12,443)	360	874,685	1,354,611
South Valley Sewer District	N/A	1,317,746	3,627,878	(598,425)	29,500	284,396	480,298
South Valley Water Reclamation	N/A	1,217,679	3,341,788	(544,928)	27,243	262,685	442,673
South Weber City	N/A	207,178	574,949	(97,556)	4,645	44,763	76,010
Southeastern Utah AOG	N/A	326,635	895,196	(145,248)	7,306	70,451	118,612
Southeastern Utah Health	N/A	386,922	1,071,421	(180,413)	8,672	83,572	141,701
Southern Utah University	N/A	9,709,304	21,546,826	(159,937)	6,108	1,610,709	2,464,931
Southwest Applied Tech	N/A	1,243,156	2,761,508	(22,454)	184	204,667	319,265
Southwest Educ Development Ctr	N/A	325,649	728,926	(10,110)	70	53,699	84,264
Space Dynamics Lab / USU	N/A	2,250,321	4,941,839	2,819	111	369,594	571,432
Spanish Fork City	N/A	5,545,730	14,827,472	(2,099,283)	82,190	1,129,560	2,028,070
Spring City	N/A	80,541	220,574	(35,693)	1,801	17,369	29,230
Springville City	N/A	4,392,251	11,842,306	(1,756,646)	74,472	909,664	1,604,788
St George Housing Auth	N/A	68,047	185,744	(29,689)	1,521	14,668	24,628
State of Utah	N/A	781,361,557	1,712,250,161	6,288,200	4,100,944	127,299,406	192,677,677
Stockton Town	N/A	40,040	100,884	(9,273)	—	7,204	14,744
Success Academy	N/A	714,636	1,584,359	(10,533)	94	117,606	183,177
Summit Academy High School	N/A	778,903	1,759,800	(36,634)	231	128,696	203,407
Summit Academy Inc	N/A	3,502,864	7,944,833	(188,185)	1,158	579,245	918,258
Summit County	N/A	9,983,006	26,251,154	(3,366,589)	109,195	1,970,896	3,653,302
Sunset City	N/A	456,330	1,193,836	(148,384)	4,565	89,393	166,881
SW Behavioral Health Center	N/A	2,705,966	7,491,739	(1,260,734)	60,649	584,456	990,847

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions	
							Proportionate Share of Allocable Plan Gross Pension Expense			
89,583	794,043	116,260	640,368	24,049	8,749	789,426	466,076	38,851	—	504,927
1,824	141,501	24,132	126,333	4,689	36,741	191,895	94,134	(15,675)	—	78,459
78,069	480,061	58,505	398,901	7,596	—	465,002	268,628	28,481	—	297,109
423,811	51,165,740	2,946,973	43,346,617	1,064,167	1,305,176	48,662,933	35,838,071	(393,172)	—	35,444,899
45,420	1,303,308	137,532	1,189,843	49,636	54,653	1,431,664	845,513	(5,006)	—	840,507
815	47,549	4,792	44,269	1,830	1,827	52,718	27,885	(264)	—	27,621
912,424	6,887,983	830,559	6,212,914	108,085	1,263,078	8,414,636	3,769,521	(72,306)	—	3,697,215
1,008,364	50,842,293	7,414,435	46,854,840	1,746,935	2,078,599	58,094,809	33,404,126	(928,098)	—	32,476,028
229,887	39,515,620	5,458,539	40,400,711	711,903	1,620,901	48,192,054	24,346,312	(705,020)	—	23,641,292
40,729	1,688,311	259,924	1,505,873	57,468	84,831	1,908,096	1,098,517	(73,340)	—	1,025,177
30,992	244,305	22,731	201,893	8,390	12,237	245,251	136,805	10,885	—	147,690
68,054	5,595,652	790,650	5,510,949	102,992	206,494	6,611,085	3,545,925	(116,162)	—	3,429,763
168,679	8,809,751	429,132	6,195,462	326,895	320,022	7,271,511	3,698,272	(27,119)	—	3,671,153
2,108	305,461	31,431	287,291	11,891	25,740	356,353	184,610	(9,507)	—	175,103
40,497	1,299,200	251,109	1,117,541	39,462	25,225	1,433,337	875,516	2,441	—	877,957
48,302	675,975	116,226	562,757	20,392	18,198	717,573	426,592	26,458	—	453,050
33,691	37,447	385	3,558	147	62,665	66,755	2,241	(1,871)	—	370
12,833	1,641,216	339,666	1,435,950	49,636	368,277	2,193,529	1,129,615	(164,295)	—	965,320
45,409	5,988,063	835,242	5,954,560	109,160	129,467	7,028,429	3,656,202	(33,182)	—	3,623,020
461	246,055	25,493	232,581	9,629	48,505	316,208	149,975	(23,276)	—	126,699
7,487	130,632	14,110	116,353	4,889	11,768	147,120	89,948	(1,181)	—	88,767
19,797	493,483	74,550	433,379	16,636	54,663	579,228	323,609	(25,385)	—	298,224
100,608	1,548,969	196,904	1,487,479	25,629	131,270	1,841,282	874,772	25,584	—	900,356
233,912	480,820	29,948	232,960	9,877	2,236	275,021	198,778	92,824	—	291,602
78,689	872,908	83,406	751,944	31,183	11,809	878,342	495,721	24,984	—	520,705
3,383	32,117	2,947	27,219	1,125	—	31,291	17,145	1,207	—	18,352
1,065	127,982	13,748	120,077	5,002	11,678	150,505	83,882	(4,525)	—	79,357
2,551	59,324	6,459	53,652	2,252	288	62,651	40,962	657	—	41,619
7,290	31,277	2,842	22,645	957	964	27,408	18,569	2,585	—	21,154
789	26,973	2,685	24,803	1,025	96	28,609	15,623	237	—	15,860
3,229	218,549	31,875	213,484	4,123	85,065	334,547	150,400	(43,328)	—	107,072
3,657	44,092	5,528	38,027	1,646	25,407	70,608	39,483	(7,739)	—	31,744
—	—	—	—	—	—	—	—	—	—	—
28,573	667,869	50,143	816,284	18,833	15,064	900,324	336,892	65,190	—	402,082
1,526	99,974	10,095	93,256	3,854	381	107,586	58,741	792	—	59,533
62,989	1,277,473	245,060	1,075,490	37,519	27,066	1,385,135	820,764	13,599	—	834,363
3,818	330,336	35,889	308,817	12,892	71,481	429,079	221,569	(32,664)	—	188,905
21,037	4,341,729	613,749	4,292,462	80,132	114,189	5,100,532	2,704,575	(64,220)	—	2,640,355
260,326	2,489,982	316,809	2,215,059	41,360	38,097	2,611,325	1,396,752	64,073	—	1,460,825
47,546	841,740	86,827	751,234	31,338	—	869,399	533,764	16,909	—	550,673
24,434	757,035	79,211	693,148	28,868	21,535	822,762	482,558	3,925	—	486,483
15,560	140,978	14,092	118,558	4,966	29,660	167,276	88,518	(2,745)	—	85,773
16,284	212,653	21,131	185,814	7,733	44,838	259,516	128,216	(19,734)	—	108,482
3,516	237,461	26,092	221,188	9,255	116,517	373,052	162,957	(50,926)	—	112,031
393,640	4,475,388	577,051	4,083,939	74,665	18,829	4,754,484	2,660,979	138,136	—	2,799,115
142,347	666,463	76,332	520,067	9,909	—	606,308	350,874	70,895	—	421,769
39,693	177,726	20,503	136,834	2,650	—	159,987	97,252	19,746	—	116,998
233,311	1,174,448	132,956	935,230	17,381	—	1,085,567	580,250	105,464	—	685,714
256,273	3,496,093	516,547	2,959,628	113,117	—	3,589,292	2,209,512	116,881	—	2,326,393
44,762	93,162	5,194	45,802	1,906	—	52,902	31,454	1,484	—	32,938
21,683	2,610,607	375,385	2,389,206	93,786	346,032	3,204,409	1,758,631	(199,102)	—	1,559,529
3,086	43,903	4,330	38,637	1,604	1,111	45,682	25,956	594	—	26,550
10,016,083	334,094,110	39,136,773	322,551,257	4,902,138	25,767,904	392,358,072	205,551,914	(6,035,280)	(1,476,874)	198,039,760
14,459	36,407	5,873	18,518	552	2,338	27,281	15,490	5,284	—	20,774
96,131	397,008	43,595	298,626	5,666	—	347,887	198,703	36,629	—	235,332
48,640	380,974	50,534	329,057	6,497	—	386,088	248,338	19,140	—	267,478
947,734	2,446,395	230,076	1,483,157	29,519	—	1,742,752	1,146,413	388,641	—	1,535,054
542,820	6,276,213	1,065,953	5,138,135	186,022	152,844	6,542,954	3,909,243	254,653	—	4,163,896
6,060	266,899	50,091	232,663	8,300	27,202	318,256	176,637	(15,054)	—	161,583
53,679	1,689,631	182,349	1,546,759	64,713	28,328	1,822,149	1,138,325	3,106	—	1,141,431

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Continued)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Sw Mosquito Abatement/Control	N/A	\$ 57,899	164,802	(30,397)	1,305	12,554	21,691
SW Ut Public Health Dept	N/A	940,764	2,596,635	(432,259)	21,072	203,107	343,614
Syracuse City Corp	N/A	1,875,320	4,944,286	(640,372)	19,607	368,969	688,918
Taylor West Weber Wtr Imp Dist	N/A	69,449	192,680	(32,663)	1,557	15,005	25,474
Taylorville-Bennion Imp	N/A	954,197	2,605,791	(417,217)	21,327	205,705	345,484
Timber Lakes Water SSD	N/A	91,573	255,504	(44,166)	2,055	19,800	33,747
Timpanogos SSD	N/A	931,156	2,564,559	(423,623)	20,848	200,973	339,500
Tintic School District	N/A	1,323,560	2,900,473	6,347	41	217,286	335,396
Tooele Applied Tech College	N/A	832,986	1,836,868	(4,743)	71	136,928	212,387
Tooele City	N/A	3,048,012	8,103,775	(1,104,860)	36,735	615,259	1,114,662
Tooele County	N/A	6,182,161	16,562,745	(2,353,462)	81,628	1,266,336	2,260,108
Tooele County Housing	N/A	117,608	331,963	(59,623)	2,646	25,470	43,756
Tooele School District	N/A	35,868,174	79,218,081	(302,468)	3,332	5,909,168	9,152,644
Tooele Valley Mosquito Abtmt	N/A	9,964	26,948	(4,157)	222	2,145	3,579
Toquerville City	N/A	39,736	118,955	(25,308)	905	8,679	15,523
Torrey Town	N/A	7,931	24,270	(5,453)	182	1,738	3,156
Town of Alta	N/A	204,532	556,466	(87,846)	4,568	44,071	73,828
Town of Apple Valley	N/A	30,592	87,177	(16,136)	689	6,634	11,472
Town of Brian Head	N/A	495,875	1,294,929	(159,300)	4,885	97,005	181,180
Town of Daniel	N/A	15,743	42,576	(6,568)	351	3,389	5,655
Town of Garden City	N/A	98,602	278,666	(50,253)	2,220	21,358	36,723
Town of Goshen	N/A	12,586	39,834	(9,654)	291	2,772	5,151
Town of Levan	N/A	61,722	166,926	(25,749)	1,377	13,288	22,170
Town of Manila	N/A	36,362	200,177	(100,423)	295	32,554	5,245
Town of Mantua	N/A	78,005	205,662	(27,081)	22,820	14,553	32,408
Town of Paragonah	N/A	15,870	108,229	(61,511)	5	19,922	170
Town of Randolph	N/A	24,276	65,655	(10,128)	542	5,227	8,720
Town of Springdale	N/A	703,867	1,844,476	(230,259)	6,594	137,231	258,337
Trans-Jordan Cities	N/A	697,567	1,921,668	(317,696)	15,619	150,562	254,383
Tremonton City	N/A	911,347	2,418,968	(330,050)	12,746	184,322	332,326
Tridell-Lapoint Water	N/A	20,583	65,112	(15,763)	475	4,534	8,420
Tuacahn High School	N/A	880,569	1,961,629	(20,148)	152	145,059	226,781
Uintah Animal Control/Shelter	N/A	109,971	300,513	(48,233)	2,458	23,709	39,838
Uintah Basin Applied Tech Ctr	N/A	2,216,039	4,952,634	(62,918)	445	365,305	572,539
Uintah Basin Assn of Govt	N/A	430,714	1,215,605	(218,247)	9,692	93,280	160,231
Uintah Basin Asst Council	N/A	14,024	41,590	(8,634)	319	3,059	5,436
Uintah Co Care Center SSD	N/A	1,021,982	2,829,106	(475,882)	22,905	220,732	374,182
Uintah County	N/A	5,957,195	15,913,728	(2,229,705)	81,047	1,202,266	2,186,603
Uintah Fire Suppression SSD	N/A	13,509	36,534	(5,636)	301	2,908	4,852
Uintah Highlands Improv Dist	N/A	34,792	98,125	(17,577)	783	7,534	12,936
Uintah Mosquito Abate District	N/A	80,414	217,476	(33,547)	1,794	17,312	28,884
Uintah Recreation District	N/A	469,834	1,294,370	(214,027)	10,520	101,409	171,342
Uintah School District	N/A	18,787,869	42,198,743	(742,848)	2,447	3,225,558	4,802,645
Uintah Transportation SSD	N/A	83,382	242,338	(47,575)	1,888	18,134	31,782
Uintah Water Conserv Dist	N/A	226,457	612,445	(94,474)	5,051	48,755	81,342
Unified Fire Authority	N/A	1,394,262	3,780,750	(582,222)	27,681	295,070	506,456
Unified Police Department	N/A	19,678,759	51,186,143	(6,075,643)	9,081,901	3,319,368	8,883,234
University of Utah	N/A	81,296,374	187,096,967	(7,013,424)	53,472	15,044,382	20,522,062
University of Utah Hospital	N/A	31,656,128	76,513,948	(5,963,112)	13	6,991,012	7,823,590
Upper Country Water Dist	N/A	50,586	136,807	(21,103)	1,128	10,891	18,170
Ut Municipal Power Agency	N/A	659,370	1,794,244	(283,432)	14,726	142,077	238,039
Ut Public Employees Assn	N/A	97,975	271,467	(45,810)	2,196	21,164	35,899
UT School Board Risk Mgmt	N/A	665,465	1,463,205	(543)	40	109,324	169,189
Utah Assn of Counties	N/A	256,785	695,202	(107,684)	5,729	55,292	92,316
Utah Co Academy of Sciences	N/A	825,145	1,828,367	(11,406)	104	135,776	211,390
Utah Co Housing Authority	N/A	442,531	1,363,114	(321,314)	9,250	128,084	152,243
Utah Communications Authority	N/A	1,716,554	3,757,626	11,329	38	281,740	434,519
Utah Counties Indemnity Pool	N/A	170,270	463,119	(73,031)	3,803	36,687	61,446
Utah County	N/A	23,585,227	64,054,522	(9,783,716)	5,442,765	4,795,470	9,480,559
Utah Dairy Council	N/A	386,846	849,829	262	20	63,540	98,267

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources						Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions			Total Employer Net Pension Expense Excluding That Attributable to Employer-Paid Member Contributions	
							Proportionate Share of Allocable Plan Gross Pension Expense	Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions		
6,988	42,538	4,336	33,537	1,424	—	39,297	28,892	2,703	—	31,595	
6,614	574,407	62,627	536,969	22,429	64,421	686,446	387,733	(31,061)	—	356,672	
150,831	1,228,325	205,849	962,905	34,719	19,186	1,222,659	756,568	57,046	—	813,614	
9,643	51,679	4,718	39,738	1,664	—	46,120	29,620	3,542	—	33,162	
31,330	603,846	60,827	541,900	22,510	—	625,237	365,156	10,672	—	375,828	
3,765	59,367	6,361	52,538	2,207	1,228	62,334	40,512	920	—	41,432	
30,709	592,030	61,451	530,941	22,154	13,763	628,309	378,178	(93,701)	—	284,477	
43,455	596,178	77,637	549,403	10,163	—	637,203	335,362	24,299	—	359,661	
77,417	426,803	49,910	347,010	6,508	—	403,428	222,095	37,466	—	259,561	
19,911	1,786,567	314,472	1,604,633	58,392	128,499	2,105,996	1,218,728	(90,571)	—	1,128,157	
176,164	3,784,236	613,847	3,306,250	121,728	99,667	4,141,492	2,502,981	29,264	—	2,532,245	
4,571	76,443	8,539	67,849	2,867	156	79,411	55,873	1,100	—	56,973	
427,930	15,493,074	2,155,622	14,977,739	280,915	958,838	18,373,114	9,634,644	(405,115)	—	9,229,529	
879	6,825	610	5,633	233	4,676	11,152	3,548	(2,528)	—	1,020	
33,166	58,273	3,540	23,590	1,027	—	28,157	25,720	10,774	—	36,494	
1,779	6,855	757	4,760	209	933	6,659	5,665	27	—	5,692	
8,281	130,748	12,837	115,952	4,807	7,537	141,133	76,171	1,017	—	77,188	
14,563	33,358	2,300	17,730	753	—	20,783	15,364	7,029	—	22,393	
112,107	395,177	54,539	252,319	8,972	2,265	318,095	190,271	50,458	—	240,729	
10,066	19,461	963	8,900	368	—	10,231	5,606	3,999	—	9,605	
11,430	71,731	7,192	56,919	2,407	9,284	75,802	47,196	(2,196)	—	45,000	
2,801	11,015	1,329	7,683	344	4,042	13,398	10,317	(1,142)	—	9,175	
2,384	39,219	3,777	34,893	1,442	44	40,156	21,979	1,403	—	23,382	
9,386	47,480	1,353	75,336	350	—	77,039	17,998	11,802	—	29,800	
18,540	88,321	2,243	39,685	2,731	2,580	47,239	24,063	3,603	—	27,666	
189	20,286	118	45,331	13	—	45,462	6,215	13,885	—	20,100	
369	14,858	1,486	13,724	567	320	16,097	8,645	25	—	8,670	
172,591	574,753	79,681	357,428	12,663	3,105	452,877	279,983	86,311	—	366,294	
77,613	498,177	46,079	397,794	16,600	48,204	508,677	283,763	16,698	—	300,461	
24,061	553,455	86,617	481,815	18,172	9,649	596,253	352,513	5,802	—	358,315	
1,627	15,056	2,171	12,562	562	266	15,561	16,840	316	—	17,156	
33,607	405,599	54,578	368,984	7,073	47,548	478,183	253,894	2,813	—	256,707	
356	66,361	7,029	62,473	2,596	27,943	100,041	42,281	(10,918)	—	31,363	
13,288	951,577	138,816	930,320	17,957	149,645	1,236,738	654,372	(85,352)	—	569,020	
6,359	269,562	31,257	248,469	10,499	42,751	332,976	204,479	(16,645)	—	187,834	
1,307	10,121	1,212	8,288	359	13,186	23,045	8,683	(4,142)	—	4,541	
22,485	640,304	68,835	584,141	24,438	119,188	796,602	429,563	(34,021)	—	395,542	
1,958,749	5,428,665	587,435	3,150,064	118,766	450,952	4,307,217	2,430,682	725,349	—	3,156,031	
—	8,061	827	7,637	316	3,728	12,508	4,810	(1,576)	—	3,234	
7,326	28,579	2,518	20,064	848	—	23,430	16,448	2,411	—	18,859	
1,540	49,530	4,921	45,460	1,879	2,938	55,198	28,635	(828)	—	27,807	
3,106	286,377	31,042	267,933	11,181	47,155	357,311	191,188	(18,084)	—	173,104	
69,947	8,100,597	1,142,833	8,159,391	148,538	866,146	10,316,908	5,220,615	(401,486)	—	4,819,129	
39,335	91,139	6,727	48,789	2,093	21,401	79,010	46,642	4,418	—	51,060	
7,904	143,052	13,859	128,021	5,291	11,729	158,900	80,640	591	—	81,231	
101,895	931,102	102,433	775,957	31,413	8,912	918,715	540,468	39,349	—	579,817	
396,250	21,680,753	180,081	9,329,293	833,594	196,728	10,539,696	5,623,930	32,604	—	5,656,534	
800,827	36,420,743	4,822,658	37,814,432	623,228	10,024,986	53,285,304	22,575,351	(4,061,930)	—	18,513,421	
528	14,815,143	1,795,063	17,265,734	235,525	1,780,302	21,076,624	7,789,569	(659,434)	—	7,130,135	
540	30,729	3,096	28,597	1,182	788	33,663	18,013	(88)	—	17,925	
1,227	396,069	41,413	373,836	15,500	27,228	457,977	245,872	(10,472)	—	235,400	
1,974	61,233	6,623	56,025	2,345	10,496	75,489	41,430	(5,241)	—	36,189	
97,307	375,860	39,483	276,762	5,158	24,508	345,911	173,331	26,244	—	199,575	
34,929	188,266	15,786	145,239	6,006	79,945	246,976	92,180	(8,546)	—	83,634	
32,546	379,816	50,245	344,697	6,532	—	401,474	228,475	16,269	—	244,744	
5,218	294,795	29,085	325,281	9,963	21,530	385,859	197,061	4,584	—	201,645	
487,695	1,203,992	100,318	712,093	13,141	—	825,552	431,026	222,816	—	653,842	
1,837	103,773	10,673	96,516	4,000	10,199	121,388	63,280	(3,117)	—	60,163	
409,666	20,128,460	896,268	12,876,738	763,073	745,091	15,281,170	8,121,297	(131,432)	—	7,989,865	
9,511	171,338	22,883	160,805	2,991	16,233	202,912	100,030	(3,456)	—	96,574	

Aggregation of Funds with a Net Pension Liability

(Employer's Collective Net Pension Liability for All Participating Retirement Systems)

Schedule of Employer Allocations and Pension Amounts (Concluded)

at December 31, 2017

Participating Employer	Employer Allocation Percentage	Net Pension Liability/(Asset) (6.95% Discount)	Net Pension Liability/(Asset) 1.00% Decrease (5.95%)	Net Pension Liability/(Asset) 1.00% Increase (7.95%)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions
Utah Education Association	N/A	\$ 1,110,683	2,446,565	(4,286)	84	182,535	282,887
Utah Housing Corporation	N/A	4,063,098	10,759,864	(1,553,378)	574	1,092,385	1,002,676
Utah Lake Commission	N/A	6,286	19,776	(4,731)	144	1,384	2,560
Utah League Cities/Towns	N/A	150,505	1,022,449	(580,608)	15	189,678	542
Utah Local Governments Trust	N/A	617,975	1,696,857	(277,230)	13,828	133,323	224,755
Utah Retirement Systems	N/A	21,074,210	46,491,462	(134,812)	1,864	3,464,527	5,375,525
Utah Safety Council	N/A	302,395	679,055	(11,052)	73	49,899	78,496
Utah School Boards Association	N/A	573,841	1,270,151	(6,885)	67	94,403	146,853
Utah School Employees Assn	N/A	270,047	594,231	(572)	18	44,372	68,710
Utah State Fair Corp	N/A	396,661	874,658	(2,225)	33	65,203	101,132
Utah State University	N/A	33,104,112	74,216,629	(1,223,693)	11,317	5,749,875	8,372,595
Utah Valley Dispatch SSD	N/A	692,109	1,912,796	(319,892)	15,507	149,451	253,064
Utah Valley University	N/A	18,551,187	42,625,748	(1,563,817)	1,869	3,450,027	4,700,919
Utah Zoological Society	N/A	2,036,832	5,665,323	(968,848)	45,696	440,215	748,674
UTOPIA	N/A	1,043,452	2,932,971	(519,639)	23,461	225,851	386,876
Valley Emergency Comm Ctr	N/A	1,836,904	5,149,269	(904,166)	41,277	397,439	679,542
Vernal City	N/A	2,097,116	5,766,239	(919,614)	21,253	481,244	743,264
Vineyard Town	N/A	318,786	908,005	(167,836)	7,187	69,129	119,495
Wasatch County	N/A	5,674,634	15,121,360	(2,092,004)	75,476	1,142,310	2,081,009
Wasatch County Fire District	N/A	37,904	102,510	(15,813)	845	8,160	13,615
Wasatch Front Regional Council	N/A	817,034	2,247,773	(369,823)	18,288	176,315	297,623
Wasatch Front Waste/Recycling	N/A	1,339,198	3,740,642	(648,970)	30,070	289,608	493,958
Wasatch Integrated Waste Mgmt	N/A	1,099,823	3,029,714	(500,826)	24,625	237,383	401,064
Wasatch Mental Health SSD	N/A	6,207,092	17,041,532	(2,782,965)	138,882	1,339,103	2,257,258
Wasatch School District	N/A	20,567,965	45,476,777	(209,518)	2,218	3,382,894	5,258,037
Wasatch Uniserv	N/A	70,079	153,013	764	—	11,496	17,695
Washington City	N/A	2,718,628	7,318,033	(1,080,222)	47,029	564,364	990,744
Washington Co Solid Waste	N/A	256,920	707,405	(116,734)	5,752	55,450	93,652
Washington Co Wat Con Dist	N/A	852,133	2,340,213	(382,579)	19,067	183,844	309,959
Washington County	N/A	10,375,077	27,202,248	(3,416,615)	102,868	2,031,532	3,801,985
Washington School District	N/A	78,411,183	173,639,544	(1,055,967)	7,234	13,033,136	19,996,188
Waste Management Serv Dist #5	N/A	66,598	180,113	(27,784)	1,486	14,338	23,922
Wayne County	N/A	444,289	1,183,297	(163,448)	5,968	89,520	162,784
Wayne School District	N/A	1,743,815	3,844,947	(9,587)	146	286,645	444,571
Weber Area Dispatch 911	N/A	1,293,508	3,575,497	(598,319)	28,982	279,320	473,024
Weber Basin Water Conserv	N/A	2,411,282	6,578,076	(1,049,129)	53,882	519,748	872,304
Weber Co Mosquito Abate	N/A	226,365	612,198	(94,435)	5,049	48,735	81,309
Weber County Corp	N/A	22,807,433	60,032,300	(7,672,094)	209,705	4,491,206	8,366,823
Weber County School District	N/A	92,282,587	203,087,180	(211,887)	6,227	15,163,203	23,482,548
Weber Fire District	N/A	56,630	163,331	(31,357)	1,280	12,303	21,448
Weber Human Services	N/A	4,554,275	12,597,493	(2,113,160)	102,057	983,545	1,666,397
Weber River Water Users	N/A	25,321	171,681	(97,448)	—	31,976	—
Weber State University	N/A	13,279,806	30,795,242	(1,366,603)	1,042	2,555,489	3,348,279
Wellington City	N/A	100,395	266,573	(35,432)	916	19,566	37,266
Wellsville City Corp	N/A	160,374	440,151	(71,785)	3,589	34,597	58,304
West Bountiful City	N/A	633,513	1,671,595	(216,905)	6,412	124,333	233,156
West Kane County SSD #1	N/A	84,968	233,634	(38,365)	1,902	18,335	30,938
West Point City	N/A	329,317	919,358	(159,214)	7,394	71,211	121,415
West Valley City	N/A	14,070,313	38,040,201	(5,673,463)	3,686,231	2,807,785	5,745,040
White City Water Imp Dist	N/A	199,367	543,475	(86,436)	4,455	42,968	72,078
Willard City Corp	N/A	229,574	602,539	(76,443)	2,457	45,232	83,957
Woodland Peaks Uniserv	N/A	109,132	238,281	1,189	—	17,902	27,555
Woods Cross City	N/A	827,643	2,337,584	(418,373)	221,217	192,771	328,356
Workers Compensation Fund	N/A	23,961,447	54,745,495	(1,753,327)	2,447	4,378,497	6,080,191
Grand Total	N/A	\$ 3,450,152,586	7,922,031,530	(268,300,336)	45,130,606	599,628,162	933,979,501
No Proportionate Share for 2017							
Sunnyside City	N/A	\$ —	—	—	—	—	—
Valley Mental Health	N/A	—	—	—	—	—	—
Summit Mosquito Abatement Dist	N/A	—	—	—	—	—	—
Leeds Area Special Service District	N/A	—	—	—	—	—	—
Canyonlands Health Care	N/A	—	—	—	—	—	—
Grand Total	N/A	\$ 3,450,152,586	7,922,031,530	(268,300,336)	45,130,606	599,628,162	933,979,501

Columns may not add to total due to rounding.

UTAH RETIREMENT SYSTEMS

Deferred Outflows of Resources		Deferred Inflows of Resources					Pension Expense Excluding That Attributable to Employer-Paid Member Contributions			
Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Gross Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Proportionate Share of Nonemployer Contributions	Total Employer Pension Expense Excluding That Attributable to Employer-Paid Member Contributions
2,829	468,335	66,304	462,405	8,652	52,777	590,138	293,563	(22,376)	—	271,187
148,035	2,243,670	239,652	2,677,246	31,113	—	2,948,011	1,142,076	231,543	—	1,373,619
2,164	6,252	653	3,826	171	14,394	19,044	5,033	(7,641)	—	(2,608)
561	190,796	377	431,029	41	157	431,604	51,676	(43,281)	—	8,395
13,567	385,473	40,286	351,861	14,658	32,815	439,620	245,797	(13,741)	—	232,056
1,373,030	10,214,946	1,264,480	8,781,324	164,837	77,045	10,287,686	5,637,623	472,180	—	6,109,803
43,191	171,659	19,239	127,299	2,481	21,283	170,302	92,409	15,463	—	107,872
143,324	384,647	34,817	239,568	4,530	12,147	291,062	157,568	46,757	—	204,325
635	113,735	16,065	112,360	2,098	56,103	186,626	70,781	(30,846)	—	39,935
20,539	186,907	23,763	165,239	3,099	4,873	196,974	105,717	6,578	—	112,295
307,413	14,441,200	1,951,114	14,497,476	253,820	1,750,160	18,452,570	8,765,777	(435,352)	—	8,330,425
4,902	422,924	46,313	395,285	16,523	49,471	507,592	287,749	(22,895)	—	264,854
506,217	8,659,032	1,109,797	8,658,705	144,537	1,076,423	10,989,462	5,021,030	(273,128)	—	4,747,902
49,754	1,284,339	139,781	1,166,839	48,935	4,454	1,360,009	883,170	14,005	—	897,175
76,173	712,361	74,569	600,769	25,333	38,996	739,667	483,328	1,121	—	484,449
23,748	1,142,006	129,924	1,056,231	44,476	155,470	1,386,101	836,793	(62,757)	—	774,036
9,178	1,254,939	219,902	1,226,122	37,385	173,637	1,657,046	809,281	(52,903)	—	756,378
162,377	358,188	23,935	184,713	7,842	—	216,490	159,697	61,477	—	221,174
128,419	3,427,214	563,762	2,990,562	112,206	29,584	3,696,114	2,293,990	53,515	—	2,347,505
5,956	28,576	2,320	21,428	886	308	24,942	13,497	2,048	—	15,545
30,452	522,678	53,681	465,626	19,417	—	538,724	329,337	13,173	—	342,510
22,604	836,240	93,424	768,729	32,309	27,882	922,344	596,529	(10,409)	—	586,120
6,489	669,561	72,642	627,174	26,171	386,384	1,112,371	447,304	(138,872)	—	308,432
304,232	4,039,475	404,439	3,533,977	147,210	62,113	4,147,739	2,466,727	78,969	—	2,545,696
858,603	9,501,752	1,243,460	8,581,458	161,873	58,570	10,045,361	5,600,629	326,617	—	5,927,246
21,683	50,874	4,059	29,029	533	449	34,070	17,217	7,309	—	24,526
151,426	1,753,563	226,722	1,481,330	58,296	54,670	1,821,018	1,067,152	23,133	—	1,090,285
2,980	157,834	16,936	146,475	6,110	12,043	181,564	104,147	(3,628)	—	100,519
442,922	955,792	55,590	485,225	20,216	—	561,031	339,335	182,230	—	521,565
51,799	5,988,184	1,149,339	5,291,734	188,832	564,341	7,194,246	4,085,725	(199,615)	—	3,886,110
1,557,478	34,594,036	4,708,722	33,007,741	613,653	—	38,330,116	21,050,503	615,864	—	21,666,367
1,833	41,579	4,076	37,650	1,556	39	43,321	23,715	671	—	24,386
22,804	281,076	43,799	234,313	8,801	33,547	320,460	178,397	(5,081)	—	173,316
8,210	739,572	104,443	726,400	13,619	174,445	1,018,907	464,513	(68,627)	—	395,886
35,279	816,605	86,615	738,823	30,885	37,867	894,190	538,393	1,604	—	539,997
130,849	1,576,783	153,052	1,368,725	56,825	—	1,578,602	915,880	56,122	—	972,002
2,233	137,326	13,853	127,969	5,289	33,484	180,595	80,607	(12,186)	—	68,421
1,720,066	14,787,800	2,600,881	11,683,818	408,799	821,937	15,515,435	9,178,842	237,232	—	9,416,074
860,280	39,512,258	5,491,649	38,399,051	716,965	625,454	45,233,119	24,208,862	(54,892)	—	24,153,970
39,778	74,809	4,448	33,012	1,411	103	38,974	30,412	(2,680)	—	27,732
140,303	2,892,302	305,794	2,602,147	108,816	62,404	3,079,161	1,904,302	24,836	—	1,929,138
—	31,976	—	72,613	—	—	72,613	8,072	14,042	—	22,114
158,742	6,063,552	785,612	6,390,961	102,479	523,488	7,802,540	3,521,635	(36,958)	—	3,484,677
1,924	59,672	11,841	51,209	1,825	16,658	81,533	43,741	(9,207)	—	34,534
12,929	109,419	10,434	91,293	3,802	340	105,869	63,575	4,213	—	67,788
158,508	522,409	70,672	324,592	11,662	7,071	413,997	259,035	73,068	—	332,103
4,779	55,954	5,571	48,411	2,018	845	56,845	34,125	1,158	—	35,283
3,748	203,768	22,926	188,987	7,941	13,955	233,809	146,196	(4,665)	—	141,531
89,104	12,328,160	478,506	7,573,049	473,957	597,210	9,122,722	4,728,041	(302,933)	—	4,425,108
5,206	124,707	12,615	113,128	4,695	1,364	131,802	75,318	1,216	—	76,534
26,080	157,726	24,647	117,845	4,249	5,843	152,584	89,261	8,108	—	97,369
1,499	46,956	6,322	45,205	829	1	52,357	26,811	950	—	27,761
24,332	766,676	25,065	505,633	27,390	17,886	575,974	267,546	21,849	—	289,395
1,009,103	11,470,238	1,435,907	11,005,094	186,992	—	12,627,993	6,493,002	511,615	—	7,004,617
75,043,507	1,653,781,776	206,565,057	1,528,482,770	34,717,344	82,313,256	1,852,078,427	994,891,986	(6,246,803)	(1,476,874)	987,168,309
—	—	—	—	—	1,498	1,498	—	(928)	—	(928)
6,944	6,944	—	—	—	4,000,018	4,000,018	—	(2,068,641)	—	(2,068,641)
—	—	—	—	—	13,769	13,769	—	(6,438)	—	(6,438)
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	31,377	31,377	—	(19,172)	—	(19,172)
75,050,451	1,653,788,720	206,565,057	1,528,482,770	34,717,344	86,359,917	1,856,125,088	994,891,986	(8,341,981)	(1,476,874)	985,073,131