

**Utah Retirement Systems**  
**Required Supplementary Information** (Continued)

## Schedules of Employers' Net Pension Liability

(dollars in thousands)

System	Date	(1) Total Pension Liability	(2) Plan Fiduciary Net Position	(3) Employers Net Pension Liability/ (Asset)	(4) Plan Fiduciary Net Position as a Percentage of the Total Plan Liability	(5) Projected Covered Payroll	(6) Net Pension Liability/(Asset) as a Percentage of Covered Payroll
<b>Noncontributory Retirement System</b>	12/31/13	\$ 23,344,325	19,915,815	3,428,510	85.3%	\$ 3,705,771	92.5%
	12/31/14	24,043,264	21,096,512	2,946,752	87.7	3,570,912	82.5
	12/31/15	24,899,572	21,192,437	3,707,135	85.1	3,458,286	107.2
	12/31/16	26,501,781	22,618,743	3,883,038	85.3	3,406,567	114.0
	12/31/17	28,088,619	25,205,127	2,883,492	89.7	3,375,321	85.4
	12/31/18	29,122,948	24,666,059	4,456,889	84.7	3,330,548	133.8
<b>Contributory Retirement System</b>	12/31/13	\$ 1,312,921	1,281,945	30,976	97.6%	\$ 98,023	31.6%
	12/31/14	1,309,800	1,269,991	39,809	97.0	90,623	43.9
	12/31/15	1,316,041	1,183,091	132,950	89.9	82,426	161.3
	12/31/16	1,292,512	1,204,904	87,608	93.2	53,615	163.4
	12/31/17	1,298,183	1,283,466	14,717	98.9	45,177	32.6
	12/31/18	1,284,009	1,172,429	111,580	91.3	39,279	284.1
<b>Public Safety Retirement System</b>	12/31/13	\$ 3,269,140	2,712,184	556,956	83.0%	\$ 365,998	152.2%
	12/31/14	3,360,027	2,899,386	460,641	86.3	360,750	127.7
	12/31/15	3,511,275	2,938,839	572,436	83.7	355,171	161.2
	12/31/16	3,794,880	3,176,545	618,335	83.7	352,407	175.5
	12/31/17	4,085,203	3,576,517	508,686	87.5	350,782	145.0
	12/31/18	4,258,247	3,528,069	730,178	82.9	348,475	209.5
<b>Firefighters Retirement System</b>	12/31/13	\$ 999,024	968,661	30,363	97.0%	\$ 110,741	27.4%
	12/31/14	1,014,328	1,031,039	(16,711)	101.6	111,305	(15.0)
	12/31/15	1,058,264	1,043,059	15,205	98.6	111,133	13.7
	12/31/16	1,129,729	1,115,726	14,003	98.8	112,322	12.5
	12/31/17	1,205,727	1,234,407	(28,680)	102.4	112,953	(25.4)
	12/31/18	1,261,289	1,207,889	53,400	95.8	113,587	47.0
<b>Judges Retirement System</b>	12/31/13	\$ 182,638	155,676	26,962	85.2%	\$ 15,195	177.4%
	12/31/14	192,285	163,834	28,451	85.2	16,072	177.0
	12/31/15	198,986	163,747	35,239	82.3	15,832	222.6
	12/31/16	210,623	175,618	35,005	83.4	16,755	208.9
	12/31/17	231,069	198,483	32,586	85.9	18,661	174.6
	12/31/18	244,209	195,570	48,639	80.1	18,802	258.7

Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

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<b>Utah Governors and Legislative Retirement Plan</b>	12/31/13	\$ 11,879	10,166	1,713	85.6%	\$ 390	439.2%
	12/31/14	12,267	10,366	1,901	84.5	928	204.8
	12/31/15	12,247	10,039	2,208	82.0	943	234.1
	12/31/16	12,654	10,352	2,302	81.8	799	288.1
	12/31/17	13,074	11,220	1,854	85.8	722	256.6
	12/31/18	13,177	10,537	2,640	80.0	639	413.1
<b>Tier 2 Public Employees Retirement System</b>	12/31/13	\$ 48,292	47,690	602	98.8%	\$ 353,227	0.2%
	12/31/14	86,261	89,291	(3,030)	103.5	492,882	(0.6)
	12/31/15	140,321	140,539	(218)	100.2	637,560	(0.0)
	12/31/16	228,450	217,293	11,157	95.1	822,196	1.4
	12/31/17	338,035	329,218	8,817	97.4	996,965	0.9
	12/31/18	467,461	424,633	42,828	90.8	1,171,543	3.7
<b>Tier 2 Public Safety and Firefighter Retirement System</b>	12/31/13	\$ 3,345	3,935	(590)	117.6%	\$ 20,215	(2.9)%
	12/31/14	7,226	8,705	(1,479)	120.5	35,019	(4.2)
	12/31/15	13,628	15,089	(1,461)	110.7	53,276	(2.7)
	12/31/16	24,266	25,135	(869)	103.6	74,834	(1.2)
	12/31/17	39,023	40,180	(1,157)	103.0	98,113	(1.2)
	12/31/18	56,841	54,336	2,505	95.6	123,439	2.0
<b>All Retirement Systems</b>	12/31/13	\$ 29,171,564	25,096,072	4,075,492	86.0%	\$ 4,669,560	87.3%
	12/31/14	30,025,458	26,569,124	3,456,334	88.5	4,679,491	73.9
	12/31/15	31,150,334	26,686,840	4,463,494	85.7	4,714,627	94.7
	12/31/16	33,194,895	28,544,316	4,650,579	86.0	4,839,495	96.1
	12/31/17	35,298,933	31,878,618	3,420,315	90.3	4,998,694	68.4
	12/31/18	36,708,181	31,259,522	5,448,659	85.2	5,146,312	105.9

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