

## II. Actuarial Exhibits

# Actuarial Liabilities

Present Value of Fully Projected Benefits												
(Dollars in Millions)	PERS			TRS			SERS	PSERS	LEOFF		WSPRS	
	Plan 1	Plans 2/3	Total	Plan 1	Plans 2/3	Total	Plans 2/3	Plan 2	Plan 1	Plan 2		Total
<b>Active Members</b>												
Retirement	\$1,178	\$25,895	\$27,073	\$570	\$10,547	\$11,117	\$3,362	\$666	\$100	\$8,500	\$8,599	\$474
Termination	1	869	870	0	362	362	195	44	0	151	151	3
Death	14	263	277	4	89	93	36	5	1	125	126	5
Disability	1	149	150	0	11	11	15	4	0	391	391	2
ROC* on Termination	0	288	288	0	31	31	31	22	0	95	95	2
ROC* on Death	21	231	252	8	24	32	20	9	0	143	143	2
<b>Total Active</b>	<b>\$1,215</b>	<b>\$27,694</b>	<b>\$28,909</b>	<b>\$582</b>	<b>\$11,065</b>	<b>\$11,647</b>	<b>\$3,659</b>	<b>\$750</b>	<b>\$101</b>	<b>\$9,405</b>	<b>\$9,506</b>	<b>\$488</b>
<b>Inactive Members</b>												
Terminated	\$138	\$2,726	\$2,865	\$39	\$965	\$1,004	\$535	\$23	\$0	\$189	\$189	\$14
Service Retired	10,517	8,370	18,887	8,070	2,411	10,482	1,171	6	1,888	2,289	4,177	676
Disability Retired	115	138	253	83	11	94	16	0	1,729	160	1,889	6
Survivors	670	307	977	371	56	427	30	0	595	108	703	56
<b>Total Inactive</b>	<b>\$11,440</b>	<b>\$11,542</b>	<b>\$22,982</b>	<b>\$8,563</b>	<b>\$3,444</b>	<b>\$12,006</b>	<b>\$1,751</b>	<b>\$29</b>	<b>\$4,212</b>	<b>\$2,747</b>	<b>\$6,959</b>	<b>\$752</b>
Laws of 2016	0	0	0	0	2	2	0	0	0	0	0	0
<b>2015 Total</b>	<b>\$12,655</b>	<b>\$39,236</b>	<b>\$51,891</b>	<b>\$9,144</b>	<b>\$14,511</b>	<b>\$23,655</b>	<b>\$5,411</b>	<b>\$780</b>	<b>\$4,313</b>	<b>\$12,152</b>	<b>\$16,465</b>	<b>\$1,240</b>
<b>2014 Total</b>	<b>\$12,833</b>	<b>\$36,119</b>	<b>\$48,952</b>	<b>\$9,297</b>	<b>\$13,131</b>	<b>\$22,427</b>	<b>\$4,881</b>	<b>\$672</b>	<b>\$4,332</b>	<b>\$11,205</b>	<b>\$15,537</b>	<b>\$1,184</b>

Note: Totals may not agree due to rounding.

\*Return of Contributions

Entry Age Normal Accrued Liability*												
(Dollars in Millions)	PERS			TRS			SERS	PSERS	LEOFF		WSPRS	
	Plan 1	Plans 2/3	Total	Plan 1	Plans 2/3	Total	Plans 2/3	Plan 2	Plan 1	Plan 2		Total
<b>Active Members</b>												
Retirement	\$1,103	\$19,919	\$21,022	\$540	\$7,218	\$7,759	\$2,538	\$310	\$98	\$5,737	\$5,835	\$336
Termination	(11)	286	275	(4)	104	99	57	15	(0)	32	32	1
Death	12	198	210	3	60	63	26	2	1	46	47	2
Disability	(2)	78	75	(1)	4	4	6	2	(3)	217	214	1
ROC** on Termination	(8)	(172)	(180)	(1)	(11)	(12)	(10)	(5)	0	(28)	(28)	(1)
ROC** on Death	20	157	177	7	11	18	13	3	0	87	88	1
<b>Total Active</b>	<b>\$1,114</b>	<b>\$20,466</b>	<b>\$21,579</b>	<b>\$545</b>	<b>\$7,386</b>	<b>\$7,931</b>	<b>\$2,630</b>	<b>\$327</b>	<b>\$95</b>	<b>\$6,092</b>	<b>\$6,187</b>	<b>\$341</b>
<b>Inactive Members</b>												
Terminated	\$138	\$2,726	\$2,865	\$39	\$965	\$1,004	\$535	\$23	\$0	\$189	\$189	\$14
Service Retired	10,517	8,370	18,887	8,070	2,411	10,482	1,171	6	1,888	2,289	4,177	676
Disability Retired	115	138	253	83	11	94	16	0	1,729	160	1,889	6
Survivors	670	307	977	371	56	427	30	0	595	108	703	56
<b>Total Inactive</b>	<b>\$11,440</b>	<b>\$11,542</b>	<b>\$22,982</b>	<b>\$8,563</b>	<b>\$3,444</b>	<b>\$12,006</b>	<b>\$1,751</b>	<b>\$29</b>	<b>\$4,212</b>	<b>\$2,747</b>	<b>\$6,959</b>	<b>\$752</b>
Laws of 2016	0	0	0	0	1	1	0	0	0	0	0	0
<b>2015 Total</b>	<b>\$12,553</b>	<b>\$32,008</b>	<b>\$44,561</b>	<b>\$9,107</b>	<b>\$10,831</b>	<b>\$19,939</b>	<b>\$4,381</b>	<b>\$357</b>	<b>\$4,307</b>	<b>\$8,838</b>	<b>\$13,146</b>	<b>\$1,093</b>
<b>2014 Total</b>	<b>\$12,720</b>	<b>\$29,321</b>	<b>\$42,042</b>	<b>\$9,250</b>	<b>\$9,819</b>	<b>\$19,069</b>	<b>\$3,965</b>	<b>\$291</b>	<b>\$4,323</b>	<b>\$8,069</b>	<b>\$12,392</b>	<b>\$1,042</b>

Note: Totals may not agree due to rounding.

\*Calculated using the Entry Age Normal (EAN) cost method. This method was not used to determine contribution requirements.

\*\*Return of Contributions

In prior reports, we included the projected benefit payments by year and by plan under the statutorily assumed interest rate. We now report these projections on our website along with projections that vary by interest rate assumptions. For more information or to view the projected benefits, please visit our website: [Projected Benefit Payments](#).