Systems and Plans Statistical Highlights Year Ended December 31, 2018

Defined Benefit Systems

	Noncontributory	Contributory	Public Safety	Firefighters	Judges	Governors and Legislators	Tier 2 Public Employees	Tier 2 Public Safety and Firefighter	Tier 2 Defined Contribution Only	Averages and Totals All Systems
Membership Information	n									
Total Membership	159,459	5,622	16,193	3,444	279	387	32,326	3,431	7,066	228,207
Active	56,299	519	5,305	1,540	116	52	30,291	3,301	6,397	103,820
Terminated vested	46,756	1,186	4,921	440	8	85	1,971	130	669	56,166
Retired	56,404	3,917	5,967	1,464	155	250	64	_	_	68,221
Total 2018 Active Membe	rs 56,299	519	5,305	1,540	116	52	30,291	3,301	6,397	103,820
Average age	49.1	57.1	42.8	43.2	53.8	57.0	36.0	29.5	36.7	43.5
Average years of service	16.6	30.2	16.4	16.4	14.5	13.6	2.9	3.0	3.7	11.5
Average annual salary	\$ 57,971	64,824	62,721	71,914	166,280	N/A	41,840	44,030	48,230	52,803
2018 Retirees										
Number	3,445	110	372		10	7	38	_	N/A	4,043
Average age	64.4	62.4	52.2		66.3	68.6	67.6	_	N/A	63.1
Average years of service	20.8	31.8	22.4	23.2	34.0	10.8	5.4	_	N/A	21.2
Final average										
annual salary	\$ 50,763	55,750	65,895	77,913	159,652	N/A	33,954	_	N/A	52,723
Average annual benefit	\$ 21,618	32,915	35,358	43,976	128,017	4,048	2,875	_	N/A	23,581
Average annual benefit										
—all retirees	\$ 22,921	21,028	30,193	37,777	92,753	3,860	2,505		N/A	23,822
Changes in Fiduciary Net F	osition Rest (in thousand		Pensions							
Contributions Investment income (loss) Pension benefits	(in thousand \$ 873,046	8,482	147,996		9,609 (730) 16,111	392 (41) 978	97,680 (1,454) 692	14,350 (180)	N/A N/A N/A	(116,768
Contributions Investment income (loss)	\$ 873,046 (92,207)	8,482 (4,513) 86,795	147,996 (13,134) 188,414	(4,509) 57,440	(730)	(41)	(1,454) 692	(180)	N/A N/A	(116,768 1,670,644
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (GEmployers' Net Pension L	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 GASB 67) iability/(Asse	8,482 (4,513) 86,795 1,172,429	147,996 (13,134) 188,414 3,528,069	(4,509) 57,440 1,207,889	(730) 16,111 195,570	(41) 978 10,537	(1,454) 692 424,633	(180) — 54,336	N/A N/A N/A	(116,768 1,670,644 31,259,522
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (GEmployers' Net Pension L Total pension liability	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059	8,482 (4,513) 86,795 1,172,429	147,996 (13,134) 188,414 3,528,069	(4,509) 57,440 1,207,889	(730) 16,111	(41) 978	(1,454) 692	(180)	N/A N/A N/A	(116,768 1,670,644 31,259,522
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (GEmployers' Net Pension L Total pension liability Plan fiduciary net position (fair value)	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 GASB 67) iability/(Asse	8,482 (4,513) 86,795 1,172,429 et) (dolla	147,996 (13,134) 188,414 3,528,069	(4,509) 57,440 1,207,889 sands) 1,261,289	(730) 16,111 195,570	(41) 978 10,537	(1,454) 692 424,633	(180) — 54,336	N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (General Information Length Information L	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 GASB 67) iability/(Asso \$ 29,122,948	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429	147,996 (13,134) 188,414 3,528,069	(4,509) 57,440 1,207,889 sands) 1,261,289 1,207,889	(730) 16,111 195,570 244,209	(41) 978 10,537	(1,454) 692 424,633 467,461	(180) — 54,336 56,841	N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181 31,259,522
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (General Employers' Net Pension Lender Formation Information (General Pension Lender Pension Information (fair value) Employers net pension	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 iability/(Asset \$ 29,122,948 \$ 24,666,059	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429	147,996 (13,134) 188,414 3,528,069 75 in thou 4,258,247 3,528,069	(4,509) 57,440 1,207,889 sands) 1,261,289 1,207,889	(730) 16,111 195,570 244,209 195,570	(41) 978 10,537 13,177 10,537	(1,454) 692 424,633 467,461 424,633	54,336 56,841 54,336	N/A N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181 31,259,522 5,448,659
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (GEmployers' Net Pension L Total pension liability Plan fiduciary net position (fair value) Employers net pension liability/(asset) Percentage of the total	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 iability/(Asset \$ 29,122,948 \$ 24,666,059 \$ 4,456,889 84.7%	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429 111,580 91.3%	147,996 (13,134) 188,414 3,528,069 75 in thou 4,258,247 3,528,069 730,178 82.9%	(4,509) 57,440 1,207,889 1,261,289 1,207,889 53,400	(730) 16,111 195,570 244,209 195,570 48,639	(41) 978 10,537 13,177 10,537 2,640	(1,454) 692 424,633 467,461 424,633 42,828	54,336 56,841 54,336 2,505	N/A N/A N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181 31,259,522 5,448,659
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (G Employers' Net Pension L Total pension liability Plan fiduciary net position (fair value) Employers net pension liability/(asset) Percentage of the total pension liability Actuarial Information (F Funding Progress Actuarial value of assets Actuarial accrued liability	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 iability/(Ass \$ 29,122,948 \$ 24,666,059 \$ 4,456,889 84.7% unding)	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429 111,580 91.3%	147,996 (13,134) 188,414 3,528,069 75 in thou 4,258,247 3,528,069 730,178 82.9%	(4,509) 57,440 1,207,889 1,261,289 1,207,889 53,400 95.8%	(730) 16,111 195,570 244,209 195,570 48,639	(41) 978 10,537 13,177 10,537 2,640	(1,454) 692 424,633 467,461 424,633 42,828	54,336 56,841 54,336 2,505	N/A N/A N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181 31,259,522 5,448,659 85.2%
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (G Employers' Net Pension L Total pension liability Plan fiduciary net position (fair value) Employers net pension liability/(asset) Percentage of the total pension liability Actuarial Information (F Funding Progress Actuarial value of assets Actuarial accrued liability Unfunded actuarial	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 6ASB 67) iability/(Asso \$ 29,122,948 \$ 24,666,059 \$ 4,456,889 84.7% unding) (dollars in \$ 25,423,551 \$ 29,122,948	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429 111,580 91.3% thousand: 1,209,260 1,284,009	147,996 (13,134) 188,414 3,528,069 730,178 82,9% 3,635,825 4,258,247	(4,509) 57,440 1,207,889 1,261,289 1,207,889 53,400 95.8%	(730) 16,111 195,570 244,209 195,570 48,639 80.1% 201,325 244,209	(41) 978 10,537 13,177 10,537 2,640 80.0%	(1,454) 692 424,633 467,461 424,633 42,828 90.8% 438,366 467,461	54,336 56,841 54,336 2,505 95.6%	N/A N/A N/A N/A N/A N/A	(116,768 1,670,644 31,259,522 36,708,181 31,259,522 5,448,659 85.2% 32,219,948 36,708,181
Contributions Investment income (loss) Pension benefits Net assets at fair value Actuarial Information (G Employers' Net Pension L Total pension liability Plan fiduciary net position (fair value) Employers net pension liability/(asset) Percentage of the total pension liability Actuarial Information (F Funding Progress Actuarial value of assets Actuarial accrued liability	\$ 873,046 (92,207) 1,320,214 \$ 24,666,059 6ASB 67) iability/(Asso \$ 29,122,948 \$ 24,666,059 \$ 4,456,889 84.7% unding) (dollars in	8,482 (4,513) 86,795 1,172,429 et) (dolla 1,284,009 1,172,429 111,580 91.3%	147,996 (13,134) 188,414 3,528,069 75 in thou 4,258,247 3,528,069 730,178 82.9%	(4,509) 57,440 1,207,889 1,261,289 1,207,889 53,400 95.8%	(730) 16,111 195,570 244,209 195,570 48,639 80.1%	(41) 978 10,537 13,177 10,537 2,640 80.0%	(1,454) 692 424,633 467,461 424,633 42,828 90.8%	54,336 56,841 54,336 2,505 95.6%	N/A N/A N/A N/A N/A N/A	

Tier 2

Tier 2

Systems and Plans Statistical Highlights (Continued)

Year Ended December 31, 2018

Defined Contribution Plans

		401(k)	457	Roth IRA	Traditional IRA	
Membership Information Number of Active Employees Eligible to Participate		107,226	103,336	228,207	228,207	
Employee contributions (excluding employer contributions): Number of employees contributing		40.083	8,475	8,775	614	
Percent of eligible employees contributing Average percent of salary deferred by employees		37.4% 5.6%	8.2% 6.2%	3.8% N/A	0.3% N/A	
Total participants		178,010	18,336	12,232	2,383	
Average participant account balance	\$	27,156	29,677	10,774	50,317	
Financial Information						
Changes in Fiduciary Net Position (in thousands)						Total
Contributions Net investment income (loss) Refunds	(317,548 (202,398) 276,023	32,589 (24,212) 32,709	25,280 (7,353) 5,227	30,108 (2,287) 10,156	405,525 (236,250) 324,115
Plan net position	\$ 4,	834,083	544,157	131,791	119,905	5,629,936