

Appendix B
Actuarial Funding Levels, FY 19

State	Plan	Actuarial Value of Assets (\$000)	Actuarial Value of Liabilities (\$000)	Unfunded Actuarial Liability (\$000)	Actuarial Funding Ratio (%)
AK	Alaska PERS	9,430,192	14,606,033	5,175,841	64.6
AK	Alaska Teachers	5,541,600	7,276,290	1,734,690	76.2
AL	Alabama Teachers	25,006,419	35,628,398	10,621,979	70.2
AL	Alabama ERS	12,240,597	17,829,735	5,589,138	68.7
AR	Arkansas Teachers	17,413,000	21,709,000	4,296,000	80.2
AR	Arkansas PERS	8,739,000	11,129,000	2,390,000	78.5
AZ	Arizona SRS	40,568,589	56,127,567	15,558,978	72.3
AZ	Arizona Public Safety	8,097,786	17,409,058	9,311,272	46.5
AZ	Phoenix ERS	2,677,353	4,401,825	1,724,472	60.8
CA	California PERF	354,616,000	504,996,000	150,380,000	70.2
CA	California Teachers	190,451,000	297,603,000	107,152,000	64.0
CA	LA County ERS	55,233,108	68,527,354	13,294,246	80.6
CA	San Francisco City & County	25,247,549	28,798,581	3,551,032	87.7
CA	Los Angeles ERS	14,818,564	20,793,421	5,974,857	71.3
CA	San Diego County	12,932,244	16,955,112	4,022,868	76.3
CA	Contra Costa County	8,650,178	9,682,144	1,031,966	89.3
CO	Colorado School	25,412,014	42,425,061	17,013,047	59.9
CO	Colorado State	14,922,050	25,717,648	10,795,598	58.0
CO	Colorado Municipal	4,288,325	5,326,433	1,038,108	80.5
CO	Denver Schools	3,410,264	4,263,384	853,120	80.0
CO	Denver Employees	2,255,412	3,623,670	1,368,258	62.2
CT	Connecticut Teachers	17,951,800	31,110,900	13,159,100	57.7
CT	Connecticut SERS	13,795,389	36,087,938	22,292,549	38.2
DC	DC Police & Fire	6,269,628	5,604,573	-665,055	111.9
DC	DC Teachers	2,271,160	2,494,291	223,131	91.1
DE	Delaware State Employees	8,950,958	10,413,117	1,462,160	86.0
FL	Florida RS	161,004,533	191,330,896	30,326,363	84.1
GA	Georgia Teachers	75,024,364	96,905,253	21,880,889	77.4
GA	Georgia ERS	13,412,046	17,812,441	4,400,395	75.3
HI	Hawaii ERS	17,322,200	31,396,400	14,074,200	55.2
IA	Iowa PERS	33,324,328	39,801,339	6,477,011	83.7
ID	Idaho PERS	17,239,500	18,672,900	1,433,400	92.3
IL	Illinois Teachers	53,391,193	131,456,969	78,065,776	40.6
IL	Illinois Municipal	42,936,200	47,357,900	4,421,700	90.7
IL	Illinois Universities	19,661,891	46,443,937	26,782,046	42.3
IL	Illinois SERS	18,429,186	48,731,439	30,302,253	37.8
IL	Chicago Teachers	11,021,812	23,252,163	12,230,352	47.4
IN	Indiana PERF	13,157,802	16,576,060	3,418,258	79.4
IN	Indiana Teachers	9,750,528	20,369,590	10,619,062	47.9
KS	Kansas PERS	19,246,613	28,153,827	8,907,214	68.4
KY	Kentucky Teachers	20,154,161	34,676,713	14,522,552	58.1
KY	Kentucky County	9,424,633	19,601,478	10,176,845	48.1
KY	Kentucky ERS	2,877,927	17,692,623	14,814,696	16.3
LA	Louisiana Teachers	21,183,178	31,574,147	10,390,969	67.1
LA	Louisiana SERS	12,520,853	19,527,612	7,006,759	64.1
MA	Massachusetts Teachers	27,854,444	53,864,141	26,009,697	51.7
MA	Massachusetts SRS	27,136,639	42,595,224	15,458,585	63.7
MD	Maryland Teachers	33,060,346	43,372,437	10,312,091	76.2
MD	Maryland PERS	18,207,410	26,641,367	8,433,957	68.3
ME	Maine State and Teacher	11,894,672	14,547,223	2,652,551	81.8
ME	Maine Local	2,918,586	3,258,820	340,234	89.6
MI	Michigan Public Schools	50,630,334	83,375,340	32,745,006	60.7
MI	Michigan SERS	12,494,361	18,995,244	6,500,883	65.8
MI	Michigan Municipal	12,494,361	18,995,244	6,500,883	65.8
MN	Minnesota Teachers	22,466,848	29,246,174	6,779,326	76.8
MN	Minnesota GERF	21,979,022	27,969,744	5,990,722	78.6
MN	Minnesota State Employees	13,489,773	15,179,140	1,689,367	88.9
MN	St. Paul Teachers	1,079,552	1,691,721	612,169	63.8
MO	Missouri Teachers	40,498,479	47,973,829	7,475,350	84.4
MO	Missouri State Employees	8,782,384	13,957,626	5,175,242	62.9
MO	Missouri Local	7,698,245	8,113,101	414,856	94.9

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MO	Missouri PEERS	5,019,868	5,809,485	789,617	86.4
MO	Missouri DOT and Highway	2,415,343	4,037,370	1,622,026	59.8
MO	St. Louis School Employees	888,759	1,241,617	352,858	71.6
MS	Mississippi PERS	28,024,611	46,006,859	17,982,248	60.9
MT	Montana PERS	5,903,191	7,957,038	2,053,847	74.2
MT	Montana Teachers	4,219,515	6,148,556	1,929,041	68.6
NC	North Carolina Teachers and State Emplo	70,959,093	82,105,943	11,146,850	86.4
NC	North Carolina Local Government	26,307,348	29,223,127	2,915,778	90.0
ND	North Dakota PERS	3,081,882	4,269,340	1,187,458	72.2
ND	North Dakota Teachers	2,635,557	3,993,424	1,357,867	66.0
NE	Nebraska Schools	12,130,497	13,435,710	1,305,213	90.3
NH	New Hampshire RS	9,121,933	14,075,344	4,953,411	64.8
NJ	New Jersey PERS	31,945,985	61,192,972	29,246,987	52.2
NJ	New Jersey Police & Fire	28,919,821	42,932,818	14,012,997	67.4
NJ	New Jersey Teachers	26,375,430	65,470,848	39,095,418	40.3
NM	New Mexico PERA	15,500,331	22,162,998	6,662,668	69.9
NM	New Mexico Educational	12,996,625	20,457,996	7,461,371	63.5
NV	Nevada Regular Employees	33,719,408	44,994,436	11,275,028	74.9
NV	Nevada Police Officer and Firefighter	9,889,564	12,925,780	3,036,216	76.5
NY	NY State & Local ERS	175,430,000	184,504,000	9,074,000	95.1
NY	New York State Teachers	117,859,500	118,861,100	1,001,600	99.2
NY	New York City ERS	59,573,653	82,462,951	22,889,298	72.2
NY	New York City Teachers	44,381,706	69,552,380	25,170,674	63.8
NY	NY State & Local Police & Fire	31,838,000	32,989,000	1,151,000	96.5
OH	Ohio PERS	84,267,000	108,685,000	24,418,000	77.5
OH	Ohio Teachers	74,411,836	97,840,944	23,429,108	76.1
OH	Ohio Police & Fire	14,753,160	21,264,708	6,511,548	69.4
OH	Ohio School Employees	14,267,000	20,090,000	5,823,000	71.0
OK	Oklahoma Teachers	17,150,348	23,680,203	6,529,855	72.4
OK	Oklahoma PERS	9,909,684	10,047,374	137,690	98.6
OR	Oregon PERS	64,802,300	86,574,700	21,772,400	74.9
PA	Pennsylvania School Employees	58,135,539	102,990,908	44,855,369	56.4
PA	Pennsylvania State ERS	29,934,024	52,972,575	23,038,551	56.5
RI	Rhode Island ERS	6,424,013	11,795,379	5,371,367	54.5
RI	Rhode Island Municipal	1,636,073	2,032,978	396,905	80.5
SC	South Carolina RS	27,443,804	50,438,807	22,995,003	54.4
SC	South Carolina Police	4,852,573	7,737,415	2,884,842	62.7
SD	South Dakota RS	12,472,800	12,461,821	-10,979	100.1
TN	TN State and Teachers	39,597,344	40,965,382	1,368,037	96.7
TX	TN Political Subdivisions	10,744,803	10,669,764	-75,039	100.7
TX	Texas Teachers	160,233,000	209,720,000	49,487,000	76.4
TX	Texas County & District	32,789,700	36,670,200	3,880,500	89.4
TX	Texas Municipal	31,314,000	35,585,000	4,271,000	88.0
TX	Texas ERS	28,060,120	39,801,359	11,741,238	70.5
TX	Houston Firefighters	4,089,047	5,073,523	984,476	80.6
TX	Austin ERS	2,849,000	4,487,900	1,638,900	63.5
UT	Texas LECOS	968,130	1,482,635	514,505	65.3
VA	Utah Noncontributory	25,183,796	28,815,265	3,631,469	87.4
VA	Virginia RS	73,204,795	93,174,818	19,970,023	78.6
VT	Vermont State Employees	1,964,501	2,779,966	815,465	70.7
VT	Vermont Teachers	1,950,860	3,505,319	1,554,459	55.7
WA	Washington PERS 2/3	36,607,000	40,024,000	3,417,000	91.5
WA	Washington Teachers Plan 2/3	13,232,000	14,705,000	1,473,000	90.0
WA	Washington LEOFF Plan 2	11,972,000	11,066,000	-906,000	108.2
WA	Washington School Employees Plan 2/3	5,131,000	5,748,000	617,000	89.3
WI	Wisconsin RS	106,524,400	106,532,400	8,000	100.0
WV	West Virginia Teachers	7,497,885	10,778,022	3,280,137	69.6
WV	West Virginia PERS	6,508,771	7,003,602	494,831	92.9
WY	Wyoming Public Employees	7,318,380	9,869,615	2,551,236	74.2
Total		\$3,562,296,889	\$4,935,531,269	\$1,373,234,380	72.2