

Plan name	FY	Val Date	Actuarial Assets	Actuarial Liabilities	Difference	Funded Ratio
Kentucky ERS	2016	6/30/16	\$2,671,774	\$14,161,405	(\$11,489,631)	18.90%
Providence Employees Retirement System	2016		\$353,521	\$1,305,338	(\$951,818)	27.08%
Chicago Police	2015	12/31/15	\$3,186,424	\$11,288,237	(\$8,101,813)	28.23%
Chicago Municipal Employees	2016	12/31/16	\$4,590,366	\$15,055,349	(\$10,464,982)	30.49%
Illinois SERS	2016	6/30/16	\$15,632,604	\$45,515,370	(\$29,882,766)	34.35%
Connecticut SERS	2016	6/30/16	\$11,922,966	\$33,616,716	(\$21,693,750)	35.50%
Illinois Teachers	2016	6/30/16	\$47,222,098	\$118,629,890	(\$71,407,792)	39.80%
Illinois Universities	2016	6/30/16	\$17,701,646	\$40,923,301	(\$23,221,655)	43.26%
Philadelphia Municipal Retirement System	2016	1/7/16	\$4,936,020	\$11,024,798	(\$6,088,778)	44.80%
Dallas Police and Fire	2015	1/1/16	\$2,680,124	\$5,947,174	(\$3,267,050)	45.07%
Arizona Public Safety Personnel	2016	6/30/16	\$6,553,903	\$14,248,710	(\$7,694,807)	46.00%
Indiana Teachers	2016	6/30/16	\$10,874,719	\$23,231,950	(\$12,357,232)	46.81%
New Jersey Teachers	2016	6/30/16	\$27,169,758	\$57,865,971	(\$30,696,213)	46.95%
Omaha Police and Fire Pension Fund	2015	1/1/16	\$621,404	\$1,223,966	(\$602,562)	50.80%
Chicago Teachers	2016	6/30/16	\$10,610,747	\$20,246,140	(\$9,635,393)	52.41%
Massachusetts Teachers	2016	1/1/16	\$24,593,787	\$46,562,807	(\$21,969,020)	52.80%
Colorado State	2016	12/31/16	\$14,026,332	\$25,669,916	(\$11,643,584)	54.60%
Kentucky Teachers	2016	6/30/16	\$17,496,894	\$32,028,227	(\$14,531,333)	54.60%
Hawaii ERS	2016	6/30/16	\$14,998,700	\$27,439,200	(\$12,440,500)	54.70%
New York City Fire	2016	6/30/16	\$9,808,854	\$17,700,868	(\$7,892,014)	55.40%
Missouri DOT and Highway Patrol	2016	6/30/16	\$2,086,654	\$3,761,733	(\$1,675,079)	55.47%
Connecticut Teachers	2016	6/30/16	\$16,712,300	\$29,839,900	(\$13,127,600)	56.00%
Colorado School	2016	12/31/16	\$23,263,344	\$41,352,968	(\$18,089,624)	56.30%
Duluth Teachers	2014	1/7/14	\$202,875	\$356,483	(\$153,608)	56.91%
New Jersey PERS	2016	6/30/16	\$30,367,324	\$53,085,687	(\$22,718,363)	57.20%
Arizona State Corrections Officers	2016	6/30/16	\$1,678,275	\$2,930,678	(\$1,252,403)	57.30%
Phoenix ERS	2016	6/30/16	\$2,283,216	\$3,984,137	(\$1,700,921)	57.30%
Pennsylvania School Employees	2016	6/30/16	\$57,265,506	\$99,989,401	(\$42,723,895)	57.30%
Rhode Island ERS	2016	6/30/16	\$6,240,795	\$10,870,777	(\$4,629,982)	57.41%
Boston Retirement Board	2015	1/1/16	\$5,941,384	\$9,648,825	(\$3,707,442)	57.62%
New York City Teachers	2016	6/30/16	\$37,521,424	\$64,986,437	(\$27,465,013)	57.70%
Pennsylvania State ERS	2015	12/31/15	\$26,877,127	\$46,328,929	(\$19,451,802)	58.00%
Vermont Teachers	2016	6/30/16	\$1,716,296	\$2,942,024	(\$1,225,728)	58.34%

Kentucky County	2016	6/30/16	\$8,674,492	\$14,780,913	(\$6,106,421)	58.70%
South Carolina RS	2016	1/7/16	\$27,293,968	\$45,859,906	(\$18,565,938)	59.50%
New Hampshire Retirement System	2016	6/30/16	\$7,636,066	\$12,732,866	(\$5,096,799)	60.00%
Mississippi PERS	2016	6/30/16	\$25,185,078	\$41,997,513	(\$16,812,435)	60.00%
Cook County Employees	2015	12/31/15	\$8,991,019	\$14,936,591	(\$5,945,572)	60.19%
Atlanta General Employees Pension Fund	2016	1/7/16	\$1,146,864	\$1,898,995	(\$752,132)	60.40%
Michigan Public Schools	2016	9/30/16	\$41,006,353	\$67,727,578	(\$26,721,225)	60.50%
North Dakota Teachers	2016	1/7/16	\$2,229,293	\$3,589,394	(\$1,360,101)	62.10%
Louisiana Teachers	2016	6/30/16	\$18,254,300	\$29,272,400	(\$11,018,100)	62.40%
Detroit Employees General Retirement System	2016	6/30/14	\$2,015,208	\$3,222,352	(\$1,207,144)	62.54%
Louisiana SERS	2016	6/30/16	\$11,630,800	\$18,576,300	(\$6,945,500)	62.61%
St. Paul Teachers	2016	1/7/16	\$1,007,360	\$1,592,570	(\$585,210)	63.25%
Kern County Employees Retirement Association	2016	6/30/16	\$3,685,447	\$5,813,092	(\$2,127,645)	63.40%
Massachusetts SRS	2016	1/1/16	\$23,465,963	\$36,966,278	(\$13,500,315)	63.50%
California Teachers	2016	6/30/16	\$169,976,000	\$266,704,000	(\$96,728,000)	63.70%
Michigan SERS	2016	9/30/15	\$10,416,577	\$16,237,490	(\$5,820,912)	64.20%
New Mexico Educational	2016	6/30/16	\$11,905,959	\$18,536,428	(\$6,630,470)	64.20%
Alaska PERS	2016	6/30/16	\$8,931,160	\$13,337,929	(\$4,406,769)	64.50%
Omaha School Employee Retirement System	2016	1/1/17	\$1,337,983	\$2,050,581	(\$712,598)	65.25%
West Virginia Teachers	2016	6/30/16	\$6,936,281	\$10,604,279	(\$3,667,998)	65.41%
Oklahoma Teachers	2016	6/30/16	\$14,577,869	\$22,193,244	(\$7,615,376)	65.70%
South Carolina Police	2016	1/7/16	\$4,354,853	\$6,567,397	(\$2,212,544)	66.30%
Seattle Employees Retirement System	2016	1/1/16	\$2,397,100	\$3,605,100	(\$1,208,000)	66.50%
Michigan Municipal	2015	12/31/15	\$8,892,839	\$13,368,028	(\$4,475,189)	66.52%
North Dakota PERS	2016	6/30/16	\$2,265,278	\$3,396,565	(\$1,131,288)	66.70%
Jacksonville General Employee Pension Plan	2016	1/10/15	\$1,811,172	\$2,711,409	(\$900,237)	66.80%
New York City Police	2016	6/30/16	\$29,212,981	\$43,672,552	(\$14,459,571)	66.90%
Kansas PERS	2016	12/31/16	\$17,408,577	\$25,947,781	(\$8,539,204)	67.00%
Alabama ERS	2016	9/30/15	\$10,589,258	\$15,723,720	(\$5,134,462)	67.30%
Ohio School Employees	2016	6/30/16	\$13,015,000	\$19,331,000	(\$6,316,000)	67.30%
City of Austin ERS	2016	12/31/16	\$2,423,300	\$3,591,400	(\$1,168,100)	67.50%
Maryland PERS	2016	6/30/16	\$16,130,438	\$23,817,251	(\$7,686,813)	67.73%
Alabama Teachers	2016	9/30/15	\$21,740,280	\$31,844,843	(\$10,104,563)	68.30%
Montana Teachers	2016	1/7/16	\$3,798,944	\$5,483,674	(\$1,684,730)	69.28%

Baton Rouge City Parish Retirement System	2015	12/31/15	\$1,119,732	\$1,614,979	(\$495,247)	69.30%
City of Miami Firefighters and Police Officers Retiren	2016	1/10/16	\$1,150,654	\$1,654,140	(\$503,487)	69.60%
Missouri State Employees	2016	6/30/16	\$8,878,057	\$12,751,163	(\$3,873,106)	69.60%
Ohio Teachers	2016	1/7/16	\$70,114,637	\$100,756,422	(\$30,641,785)	69.60%
Fairfax County Employees' Retirement System	2016	1/7/16	\$3,831,179	\$5,116,400	(\$1,285,221)	70.20%
New York City ERS	2016	6/30/16	\$50,505,971	\$71,839,051	(\$21,333,080)	70.30%
New Jersey Police & Fire	2016	6/30/16	\$26,348,593	\$37,470,081	(\$11,121,488)	70.32%
Louisiana Municipal Police	2016	6/30/16	\$1,949,756	\$2,760,140	(\$810,384)	70.64%
Texas LECOS	2016	8/31/16	\$933,534	\$1,312,393	(\$378,858)	71.10%
Ohio Police & Fire	2016	1/1/16	\$13,653,005	\$19,135,900	(\$5,482,895)	71.30%
Los Angeles City Employees' Retirement System	2016	6/30/16	\$12,439,250	\$17,424,996	(\$4,985,746)	71.39%
Baltimore Fire and Police Employees Retirement Syst	2016	6/30/16	\$2,602,544	\$3,642,397	(\$1,039,853)	71.50%
San Diego City ERS	2016	6/30/16	\$6,455,400	\$9,013,100	(\$2,557,700)	71.62%
Orange County ERS	2015	12/31/15	\$12,228,009	\$17,050,357	(\$4,822,348)	71.72%
Denver Employees	2015	1/1/16	\$2,168,750	\$3,003,590	(\$834,840)	72.21%
Louisiana Schools	2016	6/30/16	\$1,829,596	\$2,522,157	(\$692,562)	72.54%
Maryland Teachers	2016	6/30/16	\$29,020,809	\$39,934,125	(\$10,913,316)	72.67%
Atlanta Police Fund	2016	1/7/16	\$950,415	\$1,300,184	(\$349,769)	73.10%
California PERF	2016	6/30/16	\$302,418,000	\$413,700,000	(\$111,282,000)	73.10%
Nevada Regular Employees	2016	6/30/16	\$27,916,453	\$38,114,382	(\$10,197,930)	73.20%
Georgia Teachers	2016	6/30/16	\$68,161,710	\$91,721,775	(\$23,560,065)	74.30%
Colorado Municipal	2016	12/31/16	\$3,879,197	\$5,213,052	(\$1,333,855)	74.40%
Vermont State Employees	2016	6/30/16	\$1,707,268	\$2,289,452	(\$582,184)	74.57%
Georgia ERS	2016	6/30/16	\$12,854,518	\$17,199,688	(\$4,345,170)	74.70%
Hartford Municipal Employee Retirement Fund	2016	1/7/16	\$1,066,750	\$1,425,378	(\$358,628)	74.80%
Virginia Retirement System	2016	6/30/16	\$65,203,736	\$87,118,992	(\$21,915,256)	74.85%
Texas ERS	2016	8/31/16	\$26,557,131	\$35,303,165	(\$8,746,035)	75.20%
New Mexico PERA	2016	6/30/16	\$14,654,814	\$19,474,241	(\$4,819,427)	75.30%
Birmingham Retirement & Relief System	2016		\$1,016,438	\$1,346,038	(\$329,600)	75.51%
Minneapolis ERF	2016	1/7/16	\$18,765,863	\$24,848,409	(\$6,082,546)	75.52%
Minnesota GERF	2016	1/7/16	\$18,765,863	\$24,848,409	(\$6,082,546)	75.52%
Minnesota Teachers	2016	1/7/16	\$20,194,279	\$26,716,216	(\$6,521,937)	75.59%
Milwaukee County Employees Retirement System	2015	1/1/16	\$1,716,152	\$2,262,851	(\$546,699)	75.80%
Denver Schools	2016	12/31/16	\$3,220,935	\$4,246,430	(\$1,025,495)	75.90%

Fairfax County Schools	2016	12/31/15	\$2,188,037	\$2,880,703	(\$692,666)	76.00%
San Diego County	2016	6/30/16	\$11,030,635	\$14,349,090	(\$3,318,455)	76.87%
Alaska Teachers	2016	6/30/16	\$5,422,651	\$7,051,724	(\$1,629,073)	76.90%
Cincinnati Employees Retirement System	2016	12/31/16	\$1,732,053	\$2,252,875	(\$520,822)	76.90%
Montana PERS	2016	6/30/16	\$5,247,685	\$6,787,923	(\$1,540,238)	77.00%
Nevada Police Officer and Firefighter	2016	6/30/16	\$7,979,795	\$10,344,779	(\$2,364,984)	77.10%
Arizona SRS	2016	6/30/16	\$35,761,373	\$46,104,925	(\$10,343,551)	77.60%
Alameda County Employee's Retirement Association	2016	12/31/16	\$6,436,138	\$8,237,715	(\$1,801,577)	78.10%
Wyoming Public Employees	2016	1/1/17	\$7,063,052	\$9,039,304	(\$1,976,252)	78.14%
St. Louis School Employees	2016	1/1/16	\$915,391	\$1,165,766	(\$250,375)	78.50%
Oregon PERS	2016	12/31/15	\$60,000,100	\$76,196,600	(\$16,196,500)	78.70%
Indiana PERF	2016	6/30/16	\$14,553,059	\$18,408,947	(\$3,855,888)	79.10%
LA County ERS	2016	6/30/16	\$49,357,847	\$62,199,214	(\$12,841,367)	79.40%
Texas Teachers	2016	8/31/16	\$138,786,000	\$174,239,000	(\$35,453,000)	79.70%
Ohio PERS	2016	12/31/16	\$80,267,000	\$100,154,000	(\$19,887,000)	80.14%
Arkansas PERS	2016	6/30/16	\$7,769,000	\$9,663,000	(\$1,894,000)	80.40%
Maine State and Teacher	2016	6/30/16	\$10,512,524	\$13,069,955	(\$2,557,431)	80.40%
Detroit Police and Fire Retirement System	2016	6/30/14	\$3,120,945	\$3,852,066	(\$731,120)	81.00%
Arkansas Teachers	2016	6/30/16	\$15,239,000	\$18,812,000	(\$3,573,000)	81.01%
Iowa Municipal Fire and Police	2016	1/7/16	\$2,333,945	\$2,867,807	(\$533,863)	81.38%
Minnesota State Employees	2016	1/7/16	\$11,676,370	\$14,316,886	(\$2,640,516)	81.56%
University of California	2016	6/30/16	\$57,228,542	\$69,305,423	(\$12,076,881)	82.60%
Rhode Island Municipal	2016	6/30/16	\$1,453,101	\$1,750,385	(\$297,284)	83.00%
Iowa PERS	2016	6/30/16	\$29,033,697	\$34,619,749	(\$5,586,053)	83.86%
Los Angeles Water and Power	2016	1/7/16	\$10,344,356	\$12,289,229	(\$1,944,873)	84.17%
Contra Costa County	2015	12/31/15	\$7,136,801	\$8,448,624	(\$1,311,823)	84.50%
Missouri Teachers	2016	6/30/16	\$35,419,278	\$41,744,619	(\$6,325,341)	84.80%
San Francisco City & County	2016	1/7/16	\$20,654,703	\$24,403,882	(\$3,749,179)	85.00%
Utah Public Safety	2016	12/31/15	\$2,988,371	\$3,511,275	(\$522,904)	85.10%
Florida RS	2016	1/7/16	\$145,451,612	\$170,374,609	(\$24,922,997)	85.40%
Connecticut Municipal	2016	6/30/16	\$2,445,485	\$2,840,325	(\$394,841)	86.10%
Maine Local	2016	6/30/16	\$2,489,157	\$2,889,741	(\$400,583)	86.10%
Idaho PERS	2016	1/7/16	\$13,884,200	\$16,090,300	(\$2,206,100)	86.30%
Texas Municipal	2016	12/31/16	\$25,843,567	\$29,963,000	(\$4,119,433)	86.30%

Missouri PEERS	2016	6/30/16	\$4,157,427	\$4,809,666	(\$652,239)	86.40%
Utah Noncontributory	2016	12/31/15	\$21,539,002	\$24,899,570	(\$3,360,568)	86.50%
Washington School Employees Plan 2/3	2016	6/30/16	\$4,181,000	\$4,826,000	(\$645,000)	86.60%
Washington PERS 2/3	2016	6/30/16	\$30,262,000	\$34,759,000	(\$4,497,000)	87.10%
Sacramento County ERS	2016	6/30/16	\$8,236,402	\$9,436,090	(\$1,199,688)	87.30%
Minnesota Police and Fire Retirement Fund	2016	1/7/16	\$7,385,777	\$8,417,621	(\$1,031,844)	87.74%
Texas County & District	2015	12/31/15	\$25,398,800	\$28,632,500	(\$3,233,700)	88.70%
Illinois Municipal	2016	12/31/16	\$36,773,400	\$41,358,700	(\$4,585,300)	88.90%
Delaware State Employees	2016	6/30/16	\$8,460,614	\$9,504,792	(\$1,044,177)	89.00%
West Virginia PERS	2016	1/7/16	\$5,888,558	\$6,615,406	(\$726,848)	89.01%
Houston Firefighters	2016	1/7/15	\$3,929,988	\$4,397,007	(\$467,019)	89.38%
Washington Teachers Plan 2/3	2016	6/30/16	\$10,722,000	\$11,983,000	(\$1,261,000)	89.50%
Nebraska Schools	2016	6/30/16	\$10,045,925	\$11,207,298	(\$1,161,373)	89.60%
DC Teachers	2016	1/10/16	\$1,845,476	\$2,029,640	(\$184,164)	90.90%
Montgomery County Employees Retirement System	2016	6/30/16	\$3,798,555	\$4,141,061	(\$342,506)	91.70%
North Carolina Teachers and State Employees	2016	12/31/16	\$66,169,352	\$71,521,915	(\$5,352,563)	92.50%
NY State & Local Police & Fire	2016	1/4/16	\$27,330,000	\$29,336,000	(\$2,006,000)	93.16%
Oklahoma PERS	2016	1/7/16	\$8,790,886	\$9,427,810	(\$636,924)	93.20%
NY State & Local ERS	2016	1/4/16	\$156,648,000	\$167,065,000	(\$10,417,000)	93.77%
Los Angeles Fire and Police	2016	6/30/16	\$17,645,338	\$18,798,510	(\$1,153,172)	93.90%
New York State Teachers	2016	6/30/16	\$99,301,800	\$105,401,800	(\$6,100,000)	94.20%
Missouri Local	2016	2/28/16	\$6,320,171	\$6,671,352	(\$351,181)	94.70%
Nashville-Davidson Metropolitan Employees Benefit	2016	1/7/15	\$2,668,035	\$2,806,588	(\$138,552)	95.10%
TN State and Teachers	2016	1/7/15	\$34,346,449	\$36,077,266	(\$1,730,817)	95.20%
Milwaukee City ERS	2015	1/1/16	\$4,899,155	\$5,065,141	(\$165,986)	96.70%
North Carolina Local Government	2016	12/31/16	\$23,649,311	\$24,360,120	(\$710,809)	97.10%
Louisiana State Parochial Employees	2015	12/31/15	\$3,484,007	\$3,584,114	(\$100,108)	97.21%
Oklahoma Police Pension and Retirement System	2016	1/7/16	\$2,323,407	\$2,354,815	(\$31,408)	98.70%
TN Political Subdivisions	2016	1/7/15	\$8,392,338	\$8,495,094	(\$102,757)	98.79%
South Dakota RS	2016	6/30/16	\$10,851,252	\$10,851,252	\$0	100.00%
Wisconsin Retirement System	2016	12/31/16	\$95,396,200	\$95,414,000	(\$17,800)	100.00%
Pennsylvania Municipal Retirement System	2015	1/1/16	\$2,173,446	\$2,151,341	\$22,105	100.10%
Washington LEOFF Plan 2	2016	6/30/16	\$10,021,000	\$9,571,000	\$450,000	104.70%
DC Police & Fire	2016	1/10/16	\$4,985,051	\$4,498,513	\$486,538	110.80%

TOTAL

\$3,326,000,391

\$4,474,758,804 (\$1,148,758,413)

74.33%