

### COAERS Investment Return and Actuarially Assumed Return Data

Calendar Year	COAERS Return Gross	COAERS Return Net	Actuarial Assumed Return
1985	27.26%	27.17%	8.00%
1986	15.87%	15.57%	8.00%
1987	4.05%	3.82%	8.00%
1988	9.86%	9.63%	8.00%
1989	19.29%	19.04%	8.00%
1990	4.83%	4.58%	8.00%
1991	22.92%	22.38%	8.00%
1992	5.29%	4.91%	8.00%
1993	10.60%	10.21%	8.00%
1994	-1.24%	-1.62%	8.00%
1995	23.39%	22.88%	8.00%
1996	12.89%	12.46%	8.00%
1997	16.28%	15.83%	8.00%
1998	15.25%	14.81%	8.00%
1999	24.81%	24.34%	8.00%
2000	-1.40%	-1.64%	8.00%
2001	-6.08%	-6.22%	8.00%
2002	-9.57%	-9.74%	8.00%
2003	24.23%	23.99%	7.75%
2004	12.11%	11.81%	7.75%
2005	9.09%	8.81%	7.75%
2006	12.80%	12.48%	7.75%
2007	7.53%	7.27%	7.75%
2008	-25.76%	-25.98%	7.75%
2009	26.01%	25.61%	7.75%
2010	15.92%	15.51%	7.75%
2011	-0.85%	-1.29%	7.75%
2012	13.82%	13.31%	7.75%
2013	15.98%	15.54%	7.75%
2014	5.10%	4.71%	7.75%
2015	-1.55%	-2.00%	7.75%
2016	8.44%	8.09%	7.50%
2017	16.97%	16.59%	7.50%
2018	-5.62%	-5.91%	7.50%
2019	20.83%	20.66%	7.00%

Thru 12/31/2019	COAERS Return Gross	COAERS Return Net
1 Year	20.83%	20.66%
3 Year	10.08%	9.80%
5 Year	7.33%	6.99%
10 Year	8.55%	8.16%
20 Year	6.12%	5.80%
30 Year	8.42%	8.07%