

City of Allentown Police Pension

Performance Update (Net)

As of October 31, 2022

	1 Mo	YTD	1 Yr	Market Value	% of Portfolio	Policy %
Police Pension Total Fund	4.4	-13.9	-12.0	196,178,641	100.0	100.0
<i>Policy Index</i>	4.5	-14.7	-13.3			
Total Equity Composite	7.5	-18.3	-16.6	122,896,423	62.6	66.0
<i>Total Equity Policy Index</i>	7.1	-19.7	-18.3			
Vanguard Equity Income	10.8	-2.7	0.8	12,064,055	6.1	
<i>Russell 1000 Value</i>	10.3	-9.3	-7.0			
Vanguard Total Stock Market Index	8.2	-18.7	-16.9	53,023,295	27.0	
<i>CRSP US Total Market TR USD</i>	8.2	-18.7	-16.9			
Vanguard Total Stock Market Index ETF	8.1	-18.7	-16.9	23,426,406	11.9	
<i>CRSP US Total Market TR USD</i>	8.2	-18.7	-16.9			
Vanguard Mid Cap Index	8.5	-19.1	-18.0	5,629,879	2.9	
<i>CRSP US Mid Cap TR USD</i>	8.5	-19.1	-18.0			
Dodge & Cox Global Stock	6.6	-11.4	-12.4	8,224,545	4.2	
<i>MSCI ACWI Value NR USD</i>	8.5	-12.2	-10.3			
American Funds Int'l Growth & Income	4.1	-25.0	-24.7	10,237,056	5.2	
<i>MSCI ACWI ex USA</i>	3.0	-24.3	-24.7			
MFS International Intrinsic Value	2.8	-29.5	-27.2	10,291,187	5.2	
<i>MSCI EAFE</i>	5.4	-23.2	-23.0			
Real Estate Composite				27,350,243	13.9	10.0
Morgan Stanley Prime Property Fund	0.0	10.2	20.8	27,350,243	13.9	
<i>NFI-ODCE</i>	0.0	12.4	18.0			
U.S. Fixed Income Composite	-1.0	-13.0	-13.0	39,270,411	20.0	23.0
<i>Fixed Income Policy Index</i>	-1.0	-12.5	-12.5			
Vanguard Total Bond Market Index	-1.4	-15.7	-15.8	25,136,468	12.8	
<i>Bloomberg US Aggregate TR</i>	-1.3	-15.7	-15.7			
Sterling Capital - Short-Term Bonds	0.0	-2.7	-2.8	8,458,124	4.3	
<i>Sterling Capital Policy Index</i>	0.0	-2.8	-3.0			
Baird Core Plus Bond Fund	-1.2	-16.0	--	5,675,819	2.9	
<i>Bloomberg US Universal TR</i>	-1.1	-15.8	--			
Cash Equivalents Composite				6,661,564	3.4	1.0
Govt Obligations MM Fund				6,661,564	3.4	

Morgan Stanley Prime Property Fund is valued quarterly. The above market value is as of September 30, 2022.

City of Allentown Firemen Pension

Performance Update (Net)

As of October 31, 2022

	1 Mo	YTD	1 Yr	Market Value	% of Portfolio	Policy %
Firemen Pension Total Fund	4.5	-13.2	-11.3	121,861,653	100.0	100.0
<i>Policy Index</i>	4.5	-14.0	-12.6			
Total Equity Composite	7.5	-18.3	-16.6	76,645,759	62.9	66.0
<i>Total Equity Policy Index</i>	7.1	-19.7	-18.3			
Vanguard Equity Income	10.8	-2.7	0.8	7,576,414	6.2	
<i>Russell 1000 Value</i>	10.3	-9.3	-7.0			
Vanguard Total Stock Market Index	8.2	-18.7	-16.9	33,158,508	27.2	
<i>CRSP US Total Market TR USD</i>	8.2	-18.7	-16.9			
Vanguard Total Stock Market Index ETF	8.1	-18.7	-16.9	13,994,026	11.5	
<i>CRSP US Total Market TR USD</i>	8.2	-18.7	-16.9			
Vanguard Mid Cap Index	8.5	-19.1	-18.0	3,572,373	2.9	
<i>CRSP US Mid Cap TR USD</i>	8.5	-19.1	-18.0			
Dodge & Cox Global Stock	6.6	-11.4	-12.4	5,237,828	4.3	
<i>MSCI ACWI Value NR USD</i>	8.5	-12.2	-10.3			
American Funds Int'l Growth & Income	4.1	-25.0	-24.7	6,488,217	5.3	
<i>MSCI ACWI ex USA</i>	3.0	-24.3	-24.7			
MFS International Intrinsic Value	2.8	-29.5	-27.2	6,618,394	5.4	
<i>MSCI EAFE</i>	5.4	-23.2	-23.0			
Real Estate Composite				17,188,791	14.1	10.0
Morgan Stanley Prime Property Fund	0.0	10.2	20.8	17,188,791	14.1	
<i>NFI-ODCE</i>	0.0	12.4	18.0			
U.S. Fixed Income Composite	-0.8	-10.2	-10.2	23,576,943	19.3	23.0
<i>Fixed Income Policy Index</i>	-0.6	-9.2	-9.3			
Vanguard Total Bond Market Index	-1.4	-15.7	-15.8	10,248,983	8.4	
<i>Bloomberg US Aggregate TR</i>	-1.3	-15.7	-15.7			
Sterling Capital - Short-Term Bonds	0.0	-2.4	-2.5	9,775,318	8.0	
<i>Sterling Capital Policy Index</i>	0.0	-2.8	-3.0			
Baird Core Plus Bond Fund	-1.2	-16.0	--	3,552,642	2.9	
<i>Bloomberg US Universal TR</i>	-1.1	-15.8	--			
Cash Equivalents Composite				4,450,159	3.7	1.0
Govt Obligations MM Fund				4,450,159	3.7	

Morgan Stanley Prime Property Fund is valued quarterly. The above market value is as of September 30, 2022.

City of Allentown Officers & Employee Pension

Performance Update (Net)

As of October 31, 2022

	1 Mo	YTD	1 Yr	Market Value	% of Portfolio	Policy %
O&E Pension Total Fund	3.2	-10.4	-9.6	7,684,157	100.0	100.0
<i>Policy Index</i>	3.2	-10.6	-9.9			
Total Equity Composite	7.3	-18.6	-17.0	3,482,327	45.3	46.0
<i>Total Equity Policy Index</i>	6.9	-19.8	-18.5			
Vanguard Equity Income	10.8	-2.7	0.8	325,780	4.2	
<i>Russell 1000 Value</i>	10.3	-9.3	-7.0			
Vanguard Total Stock Market Index	8.2	-18.7	-16.9	2,071,603	27.0	
<i>CRSP US Total Market TR USD</i>	8.2	-18.7	-16.9			
Vanguard Mid Cap Index	8.5	-19.1	-18.0	149,706	1.9	
<i>CRSP US Mid Cap TR USD</i>	8.5	-19.1	-18.0			
Dodge & Cox Global Stock	6.6	-11.4	-12.4	235,772	3.1	
<i>MSCI ACWI Value NR USD</i>	8.5	-12.2	-10.3			
American Funds Int'l Growth & Income	4.1	-25.0	-24.7	349,036	4.5	
<i>MSCI ACWI ex USA</i>	3.0	-24.3	-24.7			
MFS International Intrinsic Value	2.8	-29.5	-27.2	350,430	4.6	
<i>MSCI EAFE</i>	5.4	-23.2	-23.0			
U.S. Fixed Income Composite	-0.1	-3.2	-3.4	3,317,003	43.2	52.0
<i>Fixed Income Policy Index</i>	0.0	-2.8	-3.0			
Sterling Capital - Short-Term Bonds	-0.1	-3.2	-3.4	3,317,003	43.2	
<i>Sterling Capital Policy Index</i>	0.0	-2.8	-3.0			
Cash Equivalents Composite				884,827	11.5	2.0
Govt Obligations MM Fund				884,827	11.5	2.0