

City of Brockton Retirement System

# Performance Report

As of 10/31/2018

This material represents performance related to City of Brockton Retirement System's account with SEI and should not be deemed an offer to sell or a solicitation of an offer to buy shares of any SEI Fund named.

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New answers.®

# Important information: Asset valuation and portfolio returns

Inception date 8/1/2014. Historical Total Index can be provided upon request.

The Portfolio Return and fund performance numbers are calculated using Gross Fund Performance, using a true time-weighted performance method (prior to 6/30/2012, the Modified Dietz method of calculation was used). Gross Fund Performance reflects the effective performance of the underlying mutual funds that are selected or recommended by SIMC to implement an institutional client's investment strategy. Gross Fund Performance does not reflect the impact of fund level management fees, fund administration or shareholder servicing fees, all of which, if applicable, are used to offset the account level investment management fees the client pays to SIMC. Gross Fund Performance does reflect certain operational expenses charged by the funds and the reinvestment of dividends and other earnings. The inclusion of the fund level expenses that the client incurs but that are offset against the client's account level investment management fees would reduce the Gross Fund Performance of the mutual funds. For additional information about how performance is calculated, please see your monthly performance report.

If applicable, alternative, property and private assets performance and valuations may be reported on a monthly or quarterly lag. Alternative, property and private assets performance is calculated gross of investment management fees and net of administrative expenses and underlying fund expenses. However: Structured Credit Fund performance is calculated gross of investment management fees and net of administrative expenses; SEI Offshore Opportunity Fund II Ltd. Class A performance is calculated net of investment management and administrative expenses; and Energy Debt Fund performance is calculated net of management fees, performance fees, as applicable, and operating expenses.

Net Portfolio Returns since 6/30/2012 reflect the deduction of SIMC's investment management fee and the impact that fee had on the client's portfolio performance. Prior to 6/30/2012, Net Portfolio Returns deduct a proxy annual fee for all periods to demonstrate the impact that SIMC's investment management fee had on the portfolio performance. However, this is a hypothetical calculation, as it does not reflect the actual fees paid by the client during the period. Please see your client invoice for actual fees paid.

Performance prior to client's transition to SEI was provided to SEI by client's previous provider ("Prior Performance"). Neither SEI nor its affiliates assumes any responsibility for the accuracy or completeness of the Prior Performance and such information has not been independently verified by SEI. Performance since client's inception date with SEI is calculated by SEI and has been linked to the Prior Performance. All performance is of fees.

As of the close of business on 8/5/2014, the Total Index Composition is as follows:  
100% PRIT Fund Index

# City of Brockton Retirement System – Consolidated Report

## Fund balances and performance at October 31, 2018

Returns for periods ending 10/31/2018

	Total Assets (\$)	Actual Alloc (%)	Cumulative (%)			Annualized (%)				Inception 9/30/2014
			1 Month	3 Month	YTD	1 Year	3 Year	5 Year	10 Year	
<b>Total Portfolio Return</b>	390,536,278	100	-4.74	-3.82	-1.35	1.08	7.48	-	-	5.83
<i>Standard Deviation Portfolio</i>							6.00	-		
<b>Total Portfolio Return Net</b>			-4.75	-3.93	-1.71	0.61	7.01	-	-	5.36
<i>Standard Deviation Portfolio (Net)</i>							6.00	-		
<b>PRIT Fund Index</b>			-4.24	-2.84	0.08	2.94	7.93	-	-	6.89
<b>Total Equity</b>	200,967,688	51.4	-8.08	-7.18	-3.57	-0.33	9.21	-	-	6.79
<b>Global Equity</b>	131,135,814	33.5	-8.17	-7.97	-5.01	-2.15	-	-	-	
SEI World Select Equity Fund	131,135,814	33.5	-8.17	-7.97	-5.01	-2.15	-	-	-	5.59
<i>MSCI All Country World Index (Net)</i>			-7.49	-6.36	-3.96	-0.52	-	-	-	5.05
<b>US Equity</b>	56,267,183	14.4	-7.88	-4.69	1.90	5.77	11.41	-	-	9.76
SEI S&P 500 Index Fund	37,643,756	9.6	-8.84	-3.29	3.01	7.32	11.46	-	-	10.29
<i>S&amp;P 500 Index</i>			-6.84	-3.25	3.01	7.35	11.52	-	-	10.34
SEI Extended Market Index Fund	18,623,426	4.8	-9.91	-7.41	-0.26	3.00	10.41	-	-	8.87
<i>Russell Small Cap Completeness Index</i>			-9.99	-7.48	-0.38	2.90	10.28	-	-	8.81
<b>World Equity x-US</b>	13,564,692	3.5	-8.10	-9.67	-10.76	-7.79	5.99	-	-	2.44
State Street Global Equity Ex-US Fund	13,564,692	3.5	-8.10	-9.67	-10.77	-8.26	-	-	-	-0.53
<i>MSCI All Country World ex US Index</i>			-8.13	-9.65	-10.97	-8.24	-	-	-	-0.56
<b>Total Fixed Income</b>	80,921,135	20.8	-0.79	-1.13	-1.66	-0.64	4.25	-	-	3.09
SEI Limited Duration Fund	23,449,540	6.0	0.12	-	-	-	-	-	-	0.12
<i>ICE BofA ML 1-3 Year Treasury Index</i>			0.15	-	-	-	-	-	-	0.15
SEI Opportunistic Income Fund	23,322,154	6.0	0.09	0.86	2.96	3.32	3.71	-	-	3.19
<i>ICE BofA ML 3 Mth Cons Mat LIBOR Index</i>			0.18	0.55	1.68	1.85	1.15	-	-	0.99
SEI Emerging Markets Debt Fund	20,623,687	5.3	-2.46	-5.37	-9.21	-6.89	4.23	-	-	0.84
<i>Hist Blind: Emerging Markets Debt Index</i>			-2.06	-3.95	-7.50	-5.41	3.71	-	-	0.80
SEI High Yield Bond Fund	13,525,754	3.5	-1.25	0.02	2.45	2.93	7.42	-	-	5.41
<i>Hist Blind: High Yield Bond Index</i>			-1.60	-0.35	0.85	0.86	6.65	-	-	4.60

Alternative fund valuations may be reported on a monthly or quarterly lag.

\* Last statement received for Oppenheimer Global Res PE Offshore was 9/30/2015

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<b>Alternatives</b>	<b>48,173,105</b>	<b>12.3</b>	<b>0.29</b>	<b>3.68</b>	<b>6.16</b>	<b>8.10</b>	<b>6.93</b>	<b>-</b>	<b>-</b>	<b>3.92</b>
SEI Structured Credit Fund	13,327,273	3.4	0.53	2.12	8.69	11.44	11.97	-	-	10.04
SEI Energy Debt LP June 2017	8,989,337	2.3	1.45	1.85	9.35	10.42	-	-	-	9.11
<i>ICE BofA ML US High Yield Energy 1Mth Lag</i>			0.81	2.33	4.59	5.82	-	-	-	6.16
Ascent Venture Partners V, LP	6,657,199	1.7	0.00	9.34	-1.21	0.21	7.30	-	-	5.37
SEI GPA III, LP	6,644,000	1.7	0.00	6.39	14.97	18.25	15.39	-	-	13.89
Ascent Venture Partners VI, LP	4,737,648	1.2	0.00	6.64	9.17	16.98	-	-	-	5.02
Oppenheimer Global Res PE Offshore	2,962,855	0.8	0.00	1.59	5.16	6.38	2.57	-	-	-0.61
Aberdeen Energy & Resources Partners II LP	2,608,731	0.7	-2.20	-2.20	-6.33	-6.33	-4.85	-	-	-7.04
Landmark Equity Partners XIV LP	710,122	0.2	0.00	0.66	-1.27	-6.78	-2.86	-	-	-0.72
SEI GPA IV, LP	775,600	0.2	0.00	1.70	-	-	-	-	-	3.57
Healthpoint Partners Venture	415,438	0.1	0.00	0.00	0.00	0.00	-17.39	-	-	-13.09
Ascent Venture Partners II, LP	17,597	0.0	0.00	-0.90	-2.60	-3.19	35.38	-	-	36.83
Ascent Venture Partners III, LP	121,011	0.0	0.00	0.36	-13.92	-13.69	-14.33	-	-	-15.50
Ascent Venture Partners IV, LP	179,412	0.0	0.00	-1.63	-55.44	-55.73	-35.46	-	-	-37.53
Boston Capital Ventures III, LP	20,638	0.0	0.00	0.00	0.00	0.00	-9.25	-	-	-6.88
Charlesbank Equity Fund LP	6,244	0.0	0.00	9.37	-1.25	16.56	24.48	-	-	25.74
<b>Other</b>	<b>37,240,351</b>	<b>9.6</b>	<b>-4.15</b>	<b>-2.63</b>	<b>-0.35</b>	<b>1.94</b>	<b>6.43</b>	<b>-</b>	<b>-</b>	<b>6.87</b>
SEI Dynamic Asset Allocation Fund	22,153,422	5.7	-6.05	-3.75	-0.35	2.65	9.89	-	-	10.37
<i>Hist Blind: Dynamic Asset Allocation Index</i>			-6.84	-3.25	3.01	7.35	11.52	-	-	10.34
SEI Multi Asset Real Return Fund	15,086,929	3.9	-1.22	-0.95	-0.35	0.75	-	-	-	0.13
<i>Bloomberg Barclays 1-5 Year US TIPS Index</i>			-0.45	-0.23	0.15	0.11	-	-	-	0.76

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<b>Real Estate / Property</b>	<b>23,233,920</b>	<b>5.9</b>	<b>1.54</b>	<b>1.16</b>	<b>3.51</b>	<b>3.84</b>	<b>6.15</b>	-	-	<b>7.94</b>
SEI Core Property Fund	18,022,395	4.6	2.21	2.21	8.96	8.96	9.37	-	-	10.44
<i>Hist Blind: Core Property Index</i>			1.67	1.67	7.16	7.16	7.76	-	-	8.94
Siguler Guff Dist RE Opportunity	3,031,396	0.8	-0.04	-1.70	6.18	9.46	12.25	-	-	15.38
<i>NCREIF Property Index</i>			0.00	1.67	5.27	7.16	7.76	-	-	8.96
Landmark Real Estate Fund VI LP	811,424	0.2	0.00	0.90	-0.15	1.17	-0.72	-	-	6.69
<i>NCREIF Property Index</i>			0.00	1.67	5.27	7.16	7.76	-	-	8.96
Mesirow Financial Real Estate Value Fund	965,664	0.2	0.00	0.00	-6.34	-6.34	13.53	-	-	10.90
<i>NCREIF Property Index</i>			0.00	1.67	5.27	7.16	7.76	-	-	8.96
Arsenal Real Estate Fund IA, LP	338,319	0.1	-0.70	-14.85	-59.12	-59.40	-41.31	-	-	-32.80
<i>NCREIF Property Index</i>			0.00	1.67	5.27	7.16	7.76	-	-	8.96
Tuckerman Residential Income & Value Add	64,723	0.0	0.00	-0.82	3.33	0.58	-0.19	-	-	-1.26
<i>NCREIF Property Index</i>			0.00	1.67	5.27	7.16	7.76	-	-	8.96
<b>Cash/Cash Equivalents</b>	<b>79</b>	<b>0.0</b>	-	-	-	-	-	-	-	-
SEI Daily Income Tr Govt Portfolio A	67	0.0	-	-	-	-	-	-	-	-
<i>ICE BofA ML 3 Month US T-Bill Index</i>			-	-	-	-	-	-	-	-
Cash Account	12	0.0	-	-	-	-	-	-	-	-

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# Important information

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Through June 30, 2012, annual performance is calculated based on monthly return streams, geometrically linked. From June 30, 2012 onward, annual performance is based upon daily return streams, geometrically linked as of the specific month end.

Performance results do not reflect the effect of certain account level advisory fees. The inclusion of such fees would reduce account level performance, particularly when compounded over a period of years. The following hypothetical illustration shows the compound effect fees have on investment return: For an account charged 1% with a stated annual return of 10%, the net total return before taxes would be reduced from 10% to 9%. A ten year investment of \$100,000 at 10% would grow to \$259,374, and at 9%, to \$236,736 before taxes. For a complete description of all fees and expenses, please refer to SIMC’s Form ADV Part 2A, the investment management agreement between SIMC and each client, and quarterly client invoices.

Certain economic and market information contained herein has been obtained from published sources prepared by other parties, which in certain cases have not been updated through the date hereof. While such sources are believed to be reliable, neither SEI nor its affiliates assumes any responsibility for the accuracy or completeness of such information and such information has not been independently verified by SEI.

Index returns are for illustrative purposes only and do not represent actual fund performance. Index performance returns do not reflect any management fees, transaction costs, or expenses, which would reduce returns. Indexes are unmanaged and one cannot invest directly in an index.