



Equity Funds		Performance as of June 30, 2019*						
Large Value	Qtr	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Expense	
TIAA-CREF Large-Cap Value Instl	4.53	17.00	1.68	8.55	5.66	11.83	0.40	
MFS Value R6	5.10	18.58	10.92	10.49	8.66	12.73	0.48	
<b>Russell 1000 Value Index</b>	<b>3.84</b>	<b>16.24</b>	<b>8.46</b>	<b>10.19</b>	<b>7.46</b>	<b>13.19</b>	-	
<b>Large Blend</b>							<b>Expense</b>	
Fidelity® 500 Index	4.30	18.54	10.41	14.17	10.70	14.68	0.02	
Vanguard Institutional Index I	4.30	18.54	10.39	14.15	10.68	14.68	0.04	
<b>S&amp;P 500 Index</b>	<b>4.30</b>	<b>18.54</b>	<b>10.42</b>	<b>14.19</b>	<b>10.71</b>	<b>14.70</b>	-	
CREF Equity Index R2	4.03	18.53	8.75	13.72	9.87	14.28	0.27	
<b>Russell 3000 Index</b>	<b>4.10</b>	<b>18.71</b>	<b>8.98</b>	<b>14.02</b>	<b>10.19</b>	<b>14.67</b>	-	
CREF Stock R2	3.56	17.24	4.92	11.93	7.24	11.83	0.35	
<b>CREF Composite Benchmark</b>	<b>3.69</b>	<b>17.08</b>	<b>6.36</b>	<b>12.61</b>	<b>7.81</b>	<b>12.27</b>	-	
<b>Large Growth</b>							<b>Expense</b>	
Mainstay Large Cap Growth I	4.65	23.04	11.86	20.02	13.44	15.63	0.73	
Fidelity Contrafund K	5.52	20.86	8.02	17.92	12.64	15.54	0.73	
<b>Russell 1000 Growth Index</b>	<b>4.64</b>	<b>21.49</b>	<b>11.56</b>	<b>18.07</b>	<b>13.39</b>	<b>16.28</b>	-	
<b>Medium Value</b>							<b>Expense</b>	
Fidelity Low-Priced Stock K	1.44	12.04	(0.84)	9.44	6.11	12.96	0.53	
<b>Russell Mid Cap Value Index</b>	<b>3.19</b>	<b>18.02</b>	<b>3.68</b>	<b>8.95</b>	<b>6.72</b>	<b>14.56</b>	-	
<b>Medium Blend</b>							<b>Expense</b>	
Fidelity® Extended Market Index	3.03	19.47	2.03	13.18	7.83	14.65	0.05	
Vanguard Extended Market Index Admiral	3.04	19.49	2.04	13.16	7.80	14.66	0.07	
<b>Russell Mid Cap Index</b>	<b>4.13</b>	<b>21.35</b>	<b>7.83</b>	<b>12.16</b>	<b>8.63</b>	<b>15.16</b>	-	
<b>Small Value</b>							<b>Expense</b>	
American Beacon Small Cp Val Inst	1.78	14.26	(7.61)	8.60	4.77	13.04	0.81	
<b>Russell 2000 Value Index</b>	<b>1.38</b>	<b>13.47</b>	<b>(6.24)</b>	<b>9.81</b>	<b>5.39</b>	<b>12.40</b>	-	
<b>Small Growth</b>							<b>Expense</b>	
Vanguard Explorer Adm	4.20	22.49	7.09	17.72	10.01	15.54	0.34	
Goldman Sachs Small Cap Gr Insights R6	2.67	19.31	(1.46)	14.67	9.26	15.49	0.83	
<b>Russell 2000 Growth Index</b>	<b>2.75</b>	<b>20.36</b>	<b>(0.49)</b>	<b>14.69</b>	<b>8.63</b>	<b>14.41</b>	-	
<b>World (significant US exposure)</b>							<b>Expense</b>	
Fidelity Worldwide	4.14	18.56	7.15	14.32	7.88	12.23	0.94	
<b>MSCI All Country World Index</b>	<b>3.80</b>	<b>16.60</b>	<b>6.32</b>	<b>12.22</b>	<b>6.74</b>	<b>10.73</b>	-	
<b>International (limited US exposure)</b>							<b>Expense</b>	
Fidelity Diversified International K	5.89	17.80	2.64	8.79	3.48	7.80	0.69	
TIAA-CREF International Eq Instl	2.98	13.09	(9.17)	5.95	0.41	6.94	0.48	
Fidelity® Total International Index	2.85	13.33	0.40	-	-	-	0.06	
Vanguard Total Intl Stock Index Admiral	2.75	13.27	0.57	8.94	2.31	6.59	0.11	
<b>MSCI EAFE Index</b>	<b>3.97</b>	<b>14.49</b>	<b>1.60</b>	<b>9.65</b>	<b>2.74</b>	<b>7.40</b>	-	
DFA Emerging Markets Core Equity I	0.86	9.54	1.30	9.11	2.27	6.29	0.52	
<b>MSCI Emerging Markets Index</b>	<b>0.74</b>	<b>10.78</b>	<b>1.61</b>	<b>11.06</b>	<b>2.87</b>	<b>6.17</b>	-	
Fixed Income Funds		Performance as of June 30, 2019*						
Money Market/Stable Value							<b>Expense</b>	
Fidelity Retirement Money Market	0.51	1.03	1.91	1.01	0.61	0.31	0.42	
CREF Money Market R2	0.54	1.07	1.91	0.96	0.58	0.29	0.28	
Vanguard Federal Money Market	0.58	1.16	2.20	1.30	0.82	0.42	0.11	
<b>ICE BofA ML 3M US Treasury Note</b>	<b>0.65</b>	<b>1.26</b>	<b>2.36</b>	<b>1.38</b>	<b>0.88</b>	<b>0.50</b>	-	
MetLife Guaranteed Account				Crediting rate: 3.00%			-	
TIAA Traditional Annuity				Crediting rate: 3.25%			-	
<b>Barclays Capital Government 1-3 Yr Bond Index</b>	<b>1.46</b>	<b>2.47</b>	<b>4.02</b>	<b>1.31</b>	<b>1.23</b>	<b>1.23</b>	-	
<b>Intermediate Government/Corporate</b>							<b>Expense</b>	
PGIM Total Return Bond R6	3.68	7.85	9.22	4.00	4.12	6.29	0.39	
CREF Bond Market R2	3.03	6.37	7.94	2.66	3.06	4.06	0.32	
Fidelity® US Bond Index	2.97	6.01	7.89	2.20	2.91	3.82	0.03	
Vanguard Total Bond Market Index Adm	3.07	6.11	7.85	2.22	2.89	3.82	0.05	
<b>Barclays Capital Aggregate Index</b>	<b>3.08</b>	<b>6.11</b>	<b>7.87</b>	<b>2.31</b>	<b>2.95</b>	<b>3.90</b>	-	
<b>Barclays Capital Intermediate Gov't Credit Index</b>	<b>2.59</b>	<b>4.97</b>	<b>6.93</b>	<b>1.99</b>	<b>2.39</b>	<b>3.24</b>	-	
<b>Inflation Adjusted Treasuries</b>							<b>Expense</b>	
Fidelity® Inflation-Prot Bd Idx Prem	2.77	6.13	4.74	1.99	1.72	0.00	0.05	

CREF Inflation-Linked Bond R2	2.35	4.95	4.35	1.66	1.22	3.16	0.27
<b>Merrill Lynch U.S. Treasuries, Inflation-Linked Index</b>	<b>2.95</b>	<b>6.43</b>	<b>4.91</b>	<b>2.13</b>	<b>1.86</b>	<b>3.75</b>	-

#### Specialty Funds

Performance as of June 30, 2019\*

Real Estate	Qtr	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Expense
Fidelity Real Estate Investment	1.85	17.82	11.22	4.16	8.35	16.36	0.76
TIAA-CREF Real Estate	1.32	3.06	5.26	4.74	6.36	6.91	0.83
<b>DJ US Select REIT Index</b>	<b>0.82</b>	<b>16.67</b>	<b>9.75</b>	<b>3.73</b>	<b>7.61</b>	<b>15.40</b>	-

#### Balanced/Asset Allocation Funds

Performance as of June 30, 2019\*

Asset Allocation	Qtr	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Expense
Fidelity Freedom K Income	2.56	7.01	5.48	4.90	3.65	5.19	0.42
TIAA-CREF Lifecycle Retire Inc Instl	3.08	10.13	5.85	6.76	4.82	7.43	0.37
Fidelity Freedom 2005 K	2.65	7.97	5.40	6.00	4.27	6.74	0.42
<b>Morningstar Lifetime Mod Incm TR USD</b>	<b>2.59</b>	<b>8.78</b>	<b>5.96</b>	<b>5.28</b>	<b>3.68</b>	<b>6.29</b>	-
Fidelity Freedom 2010 K	2.77	9.18	5.33	6.93	4.79	7.63	0.46
TIAA-CREF Lifecycle 2010 Instl	3.05	10.15	5.75	7.09	4.98	8.07	0.37
<b>Morningstar Lifetime Mod 2010 TR USD</b>	<b>2.94</b>	<b>9.94</b>	<b>6.58</b>	<b>5.96</b>	<b>4.18</b>	<b>7.46</b>	-
Fidelity Freedom 2015 K	2.88	10.20	5.19	7.76	5.25	8.05	0.49
TIAA-CREF Lifecycle 2015 Instl	3.16	10.87	5.77	7.62	5.27	8.63	0.38
<b>Morningstar Lifetime Mod 2015 TR USD</b>	<b>3.14</b>	<b>10.81</b>	<b>6.92</b>	<b>6.53</b>	<b>4.52</b>	<b>8.10</b>	-
Fidelity Freedom 2020 K	2.98	11.14	5.18	8.36	5.57	8.70	0.53
TIAA-CREF Lifecycle 2020 Instl	3.06	11.60	5.51	8.29	5.61	9.25	0.39
<b>Morningstar Lifetime Mod 2020 TR USD</b>	<b>3.30</b>	<b>11.71</b>	<b>7.13</b>	<b>7.21</b>	<b>4.89</b>	<b>8.85</b>	-
Fidelity Freedom 2025 K	3.10	11.93	5.08	8.97	5.84	9.35	0.56
TIAA-CREF Lifecycle 2025 Instl	3.30	12.66	5.25	9.13	5.99	9.91	0.41
<b>Morningstar Lifetime Mod 2025 TR USD</b>	<b>3.41</b>	<b>12.68</b>	<b>7.16</b>	<b>8.11</b>	<b>5.32</b>	<b>9.67</b>	-
Fidelity Freedom 2030 K	3.22	13.24	4.81	10.32	6.48	9.95	0.60
TIAA-CREF Lifecycle 2030 Instl	3.29	13.74	4.89	9.89	6.32	10.50	0.42
<b>Morningstar Lifetime Mod 2030 TR USD</b>	<b>3.46</b>	<b>13.73</b>	<b>6.95</b>	<b>9.17</b>	<b>5.76</b>	<b>10.40</b>	-
Fidelity Freedom 2035 K	3.24	14.53	4.13	11.18	6.87	10.42	0.63
TIAA-CREF Lifecycle 2035 Instl	3.35	14.75	4.56	10.63	6.63	11.03	0.43
<b>Morningstar Lifetime Mod 2035 TR USD</b>	<b>3.43</b>	<b>14.69</b>	<b>6.52</b>	<b>10.11</b>	<b>6.10</b>	<b>10.88</b>	-
Fidelity Freedom 2040 K	3.15	15.02	4.01	11.19	6.88	10.51	0.65
TIAA-CREF Lifecycle 2040 Instl	3.35	15.55	4.01	11.32	6.89	11.31	0.44
<b>Morningstar Lifetime Mod 2040 TR USD</b>	<b>3.38</b>	<b>15.35</b>	<b>6.07</b>	<b>10.69</b>	<b>6.26</b>	<b>11.08</b>	-
Fidelity Freedom 2045 K	3.16	15.04	3.95	11.17	6.88	10.60	0.65
TIAA-CREF Lifecycle 2045 Instl	3.27	16.21	3.59	11.60	7.04	11.38	0.45
<b>Morningstar Lifetime Mod 2045 TR USD</b>	<b>3.33</b>	<b>15.64</b>	<b>5.75</b>	<b>10.90</b>	<b>6.26</b>	<b>11.08</b>	-
Fidelity Freedom 2050 K	3.22	15.02	3.95	11.20	6.88	10.65	0.65
TIAA-CREF Lifecycle 2050 Instl	3.34	16.42	3.60	11.71	7.11	11.42	0.45
<b>Morningstar Lifetime Mod 2050 TR USD</b>	<b>3.29</b>	<b>15.69</b>	<b>5.58</b>	<b>10.91</b>	<b>6.18</b>	<b>11.00</b>	-
Fidelity Freedom 2055 K	3.16	15.02	3.97	11.17	6.88	0.00	0.65
TIAA-CREF Lifecycle 2055 Instl	3.36	16.51	3.51	11.81	7.16	0.00	0.45
<b>Morningstar Lifetime Mod 2055 TR USD</b>	<b>3.27</b>	<b>15.67</b>	<b>5.46</b>	<b>10.89</b>	<b>6.08</b>	<b>10.90</b>	-
Fidelity Freedom 2060 K	3.21	14.96	3.97	11.16	0.00	0.00	0.65
TIAA-CREF Lifecycle 2060 Instl	3.41	16.77	3.44	11.90	0.00	0.00	0.45
<b>Morningstar Lifetime Mod 2060 TR USD</b>	<b>2.59</b>	<b>8.78</b>	<b>5.96</b>	<b>5.28</b>	<b>3.68</b>	<b>6.29</b>	-

\*Return information provided by Morningstar, Fidelity and TIAA-CREF and deemed reliable.

Past performance is no guarantee of future results. Please read all prospectus information before investing.