



## Quarterly Performance Report for Participants

January 1, 2016 – March 31, 2016

City & County of Broomfield Money Purchase Plan for Peace Officers

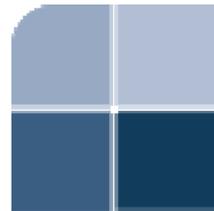
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# Plan Investment Options

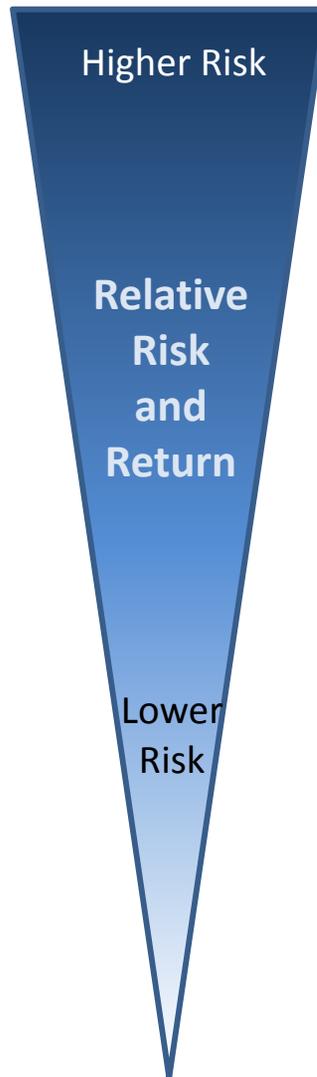




# City & County of Broomfield Money Purchase Plan for Peace Officers

**NOTE: Click or touch each fund name for specific fund information. The Strategies logo (top left) will always link back to this page.**

<b>Commodity</b>	PIMCO Commodity Real Ret Strat Instl
<b>International Equity</b>	T. Rowe Price Emerging Markets Stock DFA International Small Company I Vanguard Developed Markets Idx Admiral
<b>Global Real Estate</b>	Prudential Global Real Estate Q
<b>U.S. Equity</b>	DFA US Micro Cap I T. Rowe Price Instl Large Cap Growth Vanguard 500 Index Admiral DFA US Large Cap Value I
<b>International Fixed Income</b>	MFS® Emerging Markets Debt R5 PIMCO Foreign Bond (Unhedged) I
<b>U.S. Fixed Income</b>	JPMorgan High Yield R6 Vanguard Total Bond Market Index Adm Vanguard Inflation-Protected Secs Adm JPMorgan Short Duration Bond R6
<b>Cash</b>	Vanguard Treasury Money Market - Inv



<b>Target Date Funds</b>			
JPMorgan	RealRetirement	2055	Inst.
JPMorgan	RealRetirement	2050	Inst.
JPMorgan	RealRetirement	2045	Inst.
JPMorgan	RealRetirement	2040	Inst.
JPMorgan	RealRetirement	2035	Inst.
JPMorgan	RealRetirement	2030	Inst.
JPMorgan	RealRetirement	2025	Inst.
JPMorgan	RealRetirement	2020	Inst.
JPMorgan	RealRetirement	Income	Inst.

**Basic Information**

Ticker: VUSXX  
Peer Group: US Money Market Taxable  
Benchmark: Barclays US Treasury Bill 1-3 Mon TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%):

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Poor**  
Beta (5%): **Good**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Adequate**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

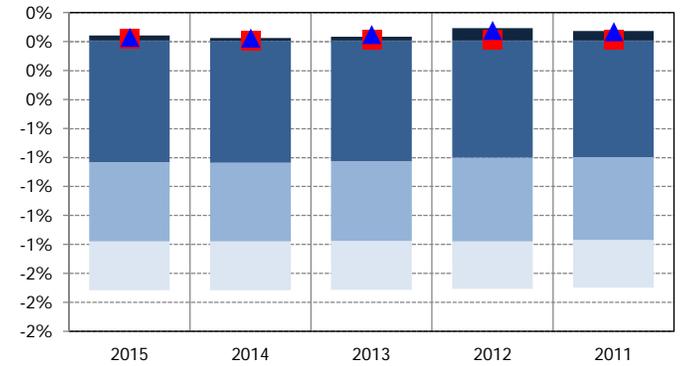
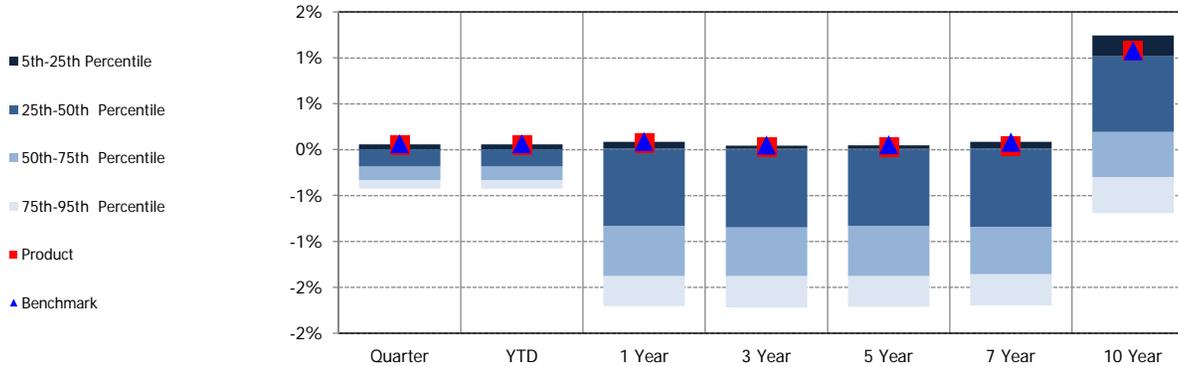
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	0.05%	0.05%	0.07%	0.03%	0.02%	0.03%	1.08%
Benchmark	0.06%	0.06%	0.09%	0.05%	0.05%	0.08%	1.07%
+/- Benchmark	<b>-0.01%</b>	<b>-0.01%</b>	<b>-0.02%</b>	<b>-0.02%</b>	<b>-0.03%</b>	<b>-0.04%</b>	<b>0.00%</b>
Peer Group Mean Return	-0.17%	-0.17%	-0.74%	-0.76%	-0.75%	-0.75%	0.29%
Peer Ranking (1=best, 10=worst)	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>
Number in Universe	3434	3434	3392	3357	3327	3255	3169

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	0.02%	0.01%	0.01%	0.02%	0.02%
Benchmark	0.03%	0.02%	0.05%	0.08%	0.07%
+/- Benchmark	<b>-0.01%</b>	<b>-0.02%</b>	<b>-0.04%</b>	<b>-0.06%</b>	<b>-0.05%</b>
Peer Group Mean Return	-0.75%	-0.76%	-0.75%	-0.74%	-0.73%
Peer Ranking (1=best, 10=worst)	<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>
Number in Universe	3403	3384	3375	3354	3346



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>0.53%</b>	0.53%
Sharpe Ratio	<b>0.13</b>	0.07
Max Drawdown		-0.01%
Length		1
Recovery		1
Peak		Jan-09
Valley		Jan-09
Average Return	<b>0.09%</b>	0.09%
Average Gain	<b>0.09%</b>	0.10%
Average Loss	<b>0.00%</b>	0.00%
Best Qtr Gain	<b>1.25%</b>	1.28%
Worst Qtr Loss	<b>0.00%</b>	0.00%

**Comparison to Index**

Alpha	<b>0.01%</b>
Beta	<b>0.42</b>
R-Squared	<b>0.19</b>
Tracking Error	<b>0.09%</b>
Information Ratio	<b>0.05</b>
Treyner Ratio	<b>0.03%</b>
Up Capture	<b>99.60%</b>
Down Capture	<b>-473.02%</b>

**Portfolio Information**

Portfolio Info. Date	Nov-15	Inception Date	Dec-92
% Cash	96	Number of Stocks	0
% US Stocks	0	Number of Bonds	2
% Non-US Stocks	0	Turnover Ratio %	0
% US Bonds	0	Top Ten Holdings %	77
% Non-US Bonds	0	Min Purchase \$	50,000
% Convertible	0	Assets \$	9,855,400,000
% Preferred	0	12 Month Yield %	0.07
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.09	Dividends	Monthly
12(b)-1 Fee %		Share Class	Inv
Front Load %		Phone	+1 8776627447
Deferred Load %		Web	www.vanguard.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: JSDUX  
Peer Group: US Short-Term Bond  
Benchmark: BofAML US Domestic Master 1-3Y TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Adequate**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Adequate**  
Beta (5%): **Adequate**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

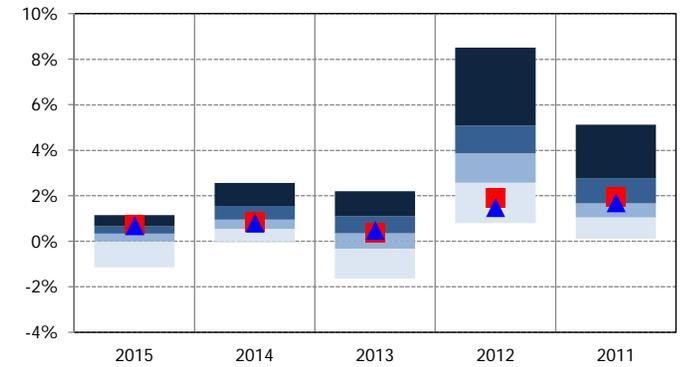
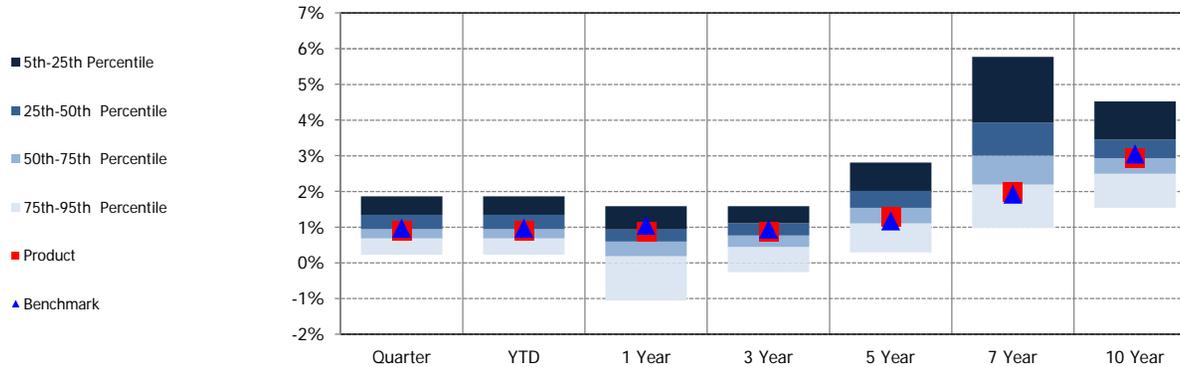
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	0.90%	0.90%	0.88%	0.88%	1.28%	1.98%	2.93%
Benchmark	0.97%	0.97%	1.05%	0.94%	1.17%	1.92%	3.05%
+/- Benchmark	-0.07%	-0.07%	-0.18%	-0.06%	0.11%	0.06%	-0.12%
Peer Group Mean Return	1.00%	1.00%	0.43%	0.76%	1.55%	3.15%	2.94%
Peer Ranking (1=best, 10=worst)	6	6	3	5	7	9	5
Number in Universe	608	608	591	537	487	466	420

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	0.70%	0.87%	0.37%	1.92%	1.96%
Benchmark	0.68%	0.79%	0.47%	1.48%	1.69%
+/- Benchmark	0.02%	0.08%	-0.10%	0.44%	0.27%
Peer Group Mean Return	0.23%	1.09%	0.37%	4.00%	1.93%
Peer Ranking (1=best, 10=worst)	3	6	5	9	5
Number in Universe	585	557	536	496	485



**Risk Characteristics**

	Product	Index
Standard Deviation	1.23%	1.31%
Sharpe Ratio	1.56	1.56
Max Drawdown	-1.02%	-0.96%
Length	2	1
Recovery	1	1
Peak	Sep-08	Dec-09
Valley	Oct-08	Dec-09
Average Return	0.24%	0.25%
Average Gain	0.36%	0.39%
Average Loss	-0.16%	-0.15%
Best Qtr Gain	2.35%	2.42%
Worst Qtr Loss	-0.45%	-0.34%

**Comparison to Index**

Alpha	0.12%
Beta	0.88
R-Squared	0.88
Tracking Error	0.44%
Information Ratio	-0.26
Treyner Ratio	2.11%
Up Capture	94.52%
Down Capture	83.38%

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Sep-90
% Cash	12	Number of Stocks	0
% US Stocks	0	Number of Bonds	1,457
% Non-US Stocks	0	Turnover Ratio %	41
% US Bonds	84	Top Ten Holdings %	24
% Non-US Bonds	4	Min Purchase \$	15,000,000
% Convertible	0	Assets \$	10,869,854,533
% Preferred	0	12 Month Yield %	1.16
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.30	Dividends	Monthly
12(b)-1 Fee %		Share Class	Retirement
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: VAIPX  
Peer Group: US Inflation-Protected Bond  
Benchmark: Barclays US Treasury US TIPS TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

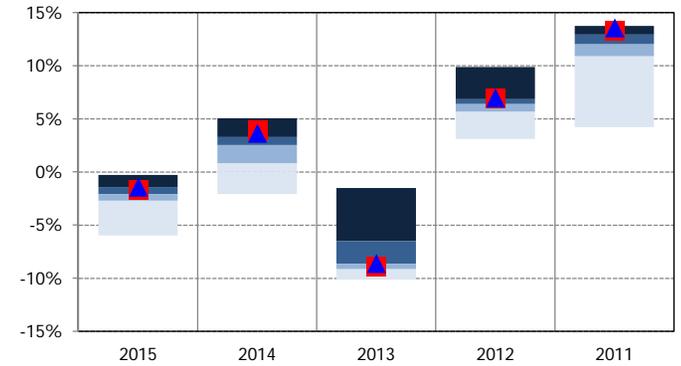
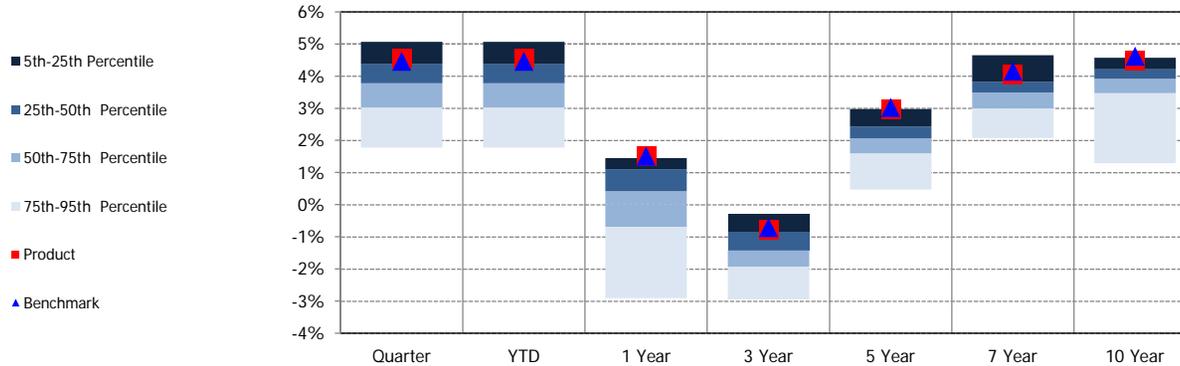
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	4.56%	4.56%	1.51%	-0.77%	2.99%	4.07%	4.49%
Benchmark	4.46%	4.46%	1.51%	-0.71%	3.02%	4.16%	4.62%
+/- Benchmark	<b>0.10%</b>	<b>0.10%</b>	<b>0.00%</b>	<b>-0.06%</b>	<b>-0.04%</b>	<b>-0.09%</b>	<b>-0.14%</b>
Peer Group Mean Return	3.57%	3.57%	0.09%	-1.46%	1.98%	3.48%	3.70%
Peer Ranking	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>
Number in Universe	261	261	258	241	198	167	146

Periods over one year are annualized

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.69%	3.97%	-8.86%	6.90%	13.29%
Benchmark	-1.44%	3.64%	-8.61%	6.98%	13.56%
+/- Benchmark	<b>-0.26%</b>	<b>0.33%</b>	<b>-0.26%</b>	<b>-0.08%</b>	<b>-0.27%</b>
Peer Group Mean Return	-2.28%	2.08%	-7.59%	6.45%	11.11%
Peer Ranking	<b>4</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>2</b>
Number in Universe	258	244	240	210	198



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>6.34%</b>	6.29%
Sharpe Ratio	<b>0.56</b>	0.58
Max Drawdown	<b>-12.43%</b>	-12.22%
Length	<b>7</b>	8
Recovery	<b>11</b>	11
Peak	Apr-08	Mar-08
Valley	Oct-08	Oct-08
Average Return	<b>0.38%</b>	0.39%
Average Gain	<b>1.25%</b>	1.29%
Average Loss	<b>-1.37%</b>	-1.36%
Best Qtr Gain	<b>5.33%</b>	5.52%
Worst Qtr Loss	<b>-7.35%</b>	-7.05%

**Comparison to Index**

Alpha	<b>-0.14%</b>
Beta	<b>1.00</b>
R-Squared	<b>0.99</b>
Tracking Error	<b>0.55%</b>
Information Ratio	<b>-0.25</b>
Treyner Ratio	<b>3.40%</b>
Up Capture	<b>98.58%</b>
Down Capture	<b>99.75%</b>

**Portfolio Information**

Portfolio Info. Date	Dec-15	Inception Date	Jun-00
% Cash	0	Number of Stocks	0
% US Stocks	0	Number of Bonds	41
% Non-US Stocks	0	Turnover Ratio %	43
% US Bonds	100	Top Ten Holdings %	46
% Non-US Bonds	0	Min Purchase \$	50,000
% Convertible	0	Assets \$	23,650,080,714
% Preferred	0	12 Month Yield %	0.82
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.10	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Other
Front Load %		Phone	+1 8776627447
Deferred Load %		Web	www.vanguard.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: VBT LX  
Peer Group: US Intermediate-Term Bond  
Benchmark: Barclays US Agg Bond TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Adequate**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Poor**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

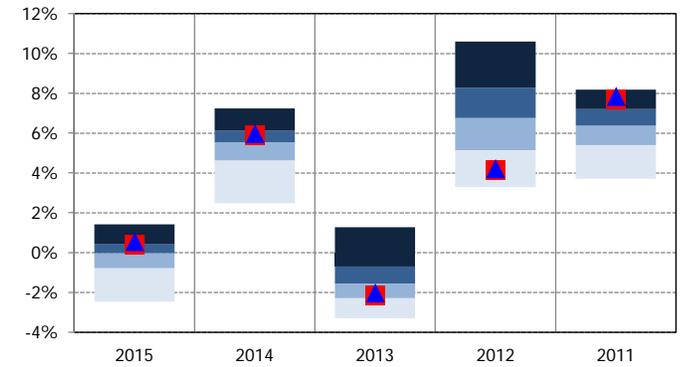
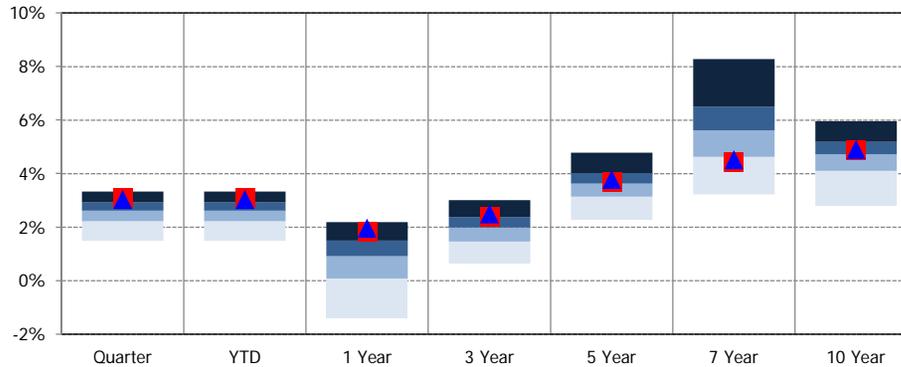
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	3.09%	3.09%	1.82%	2.38%	3.71%	4.42%	4.86%
Benchmark	3.03%	3.03%	1.96%	2.50%	3.78%	4.52%	4.90%
+/- Benchmark	<b>0.06%</b>	<b>0.06%</b>	<b>-0.14%</b>	<b>-0.12%</b>	<b>-0.07%</b>	<b>-0.10%</b>	<b>-0.04%</b>
Peer Group Mean Return	2.51%	2.51%	0.68%	1.90%	3.55%	5.63%	4.57%
Peer Ranking	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>5</b>
Number in Universe	1132	1132	1103	1052	1002	932	867

Periods over one year are annualized

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	0.40%	5.89%	-2.15%	4.15%	7.69%
Benchmark	0.55%	5.97%	-2.02%	4.21%	7.84%
+/- Benchmark	<b>-0.15%</b>	<b>-0.07%</b>	<b>-0.12%</b>	<b>-0.06%</b>	<b>-0.16%</b>
Peer Group Mean Return	-0.27%	5.31%	-1.36%	6.76%	6.24%
Peer Ranking	<b>3</b>	<b>4</b>	<b>7</b>	<b>9</b>	<b>2</b>
Number in Universe	1099	1074	1049	1019	996



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>3.28%</b>	3.21%
Sharpe Ratio	<b>1.14</b>	1.17
Max Drawdown	<b>-3.94%</b>	-3.83%
Length	<b>7</b>	7
Recovery	<b>2</b>	2
Peak	Apr-08	Apr-08
Valley	Oct-08	Oct-08
Average Return	<b>0.40%</b>	0.40%
Average Gain	<b>0.87%</b>	0.87%
Average Loss	<b>-0.61%</b>	-0.58%
Best Qtr Gain	<b>4.40%</b>	4.58%
Worst Qtr Loss	<b>-2.42%</b>	-2.32%

**Comparison to Index**

Alpha	<b>-0.09%</b>
Beta	<b>1.02</b>
R-Squared	<b>0.99</b>
Tracking Error	<b>0.35%</b>
Information Ratio	<b>-0.10</b>
Treyner Ratio	<b>3.73%</b>
Up Capture	<b>100.76%</b>
Down Capture	<b>103.86%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Dec-86
% Cash	3	Number of Stocks	0
% US Stocks	0	Number of Bonds	16,931
% Non-US Stocks	0	Turnover Ratio %	84
% US Bonds	88	Top Ten Holdings %	5
% Non-US Bonds	9	Min Purchase \$	10,000
% Convertible	0	Assets \$	29,243,201,271
% Preferred	0	12 Month Yield %	2.45
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.07	Dividends	Monthly
12(b)-1 Fee %		Share Class	Other
Front Load %		Phone	+1 8776627447
Deferred Load %		Web	www.vanguard.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: JHYUX  
Peer Group: US High Yield Bond  
Benchmark: Barclays US Corporate High Yield TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Adequate**  
Standard Deviation vs. Index (10%): **Good**  
Max Drawdown vs. Index (5%): **Good**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Good**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Poor**  
Fees (5%): **Good**  
Turnover (5%): **Adequate**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

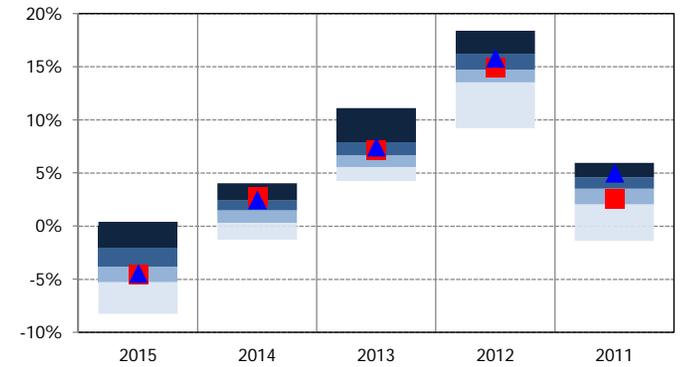
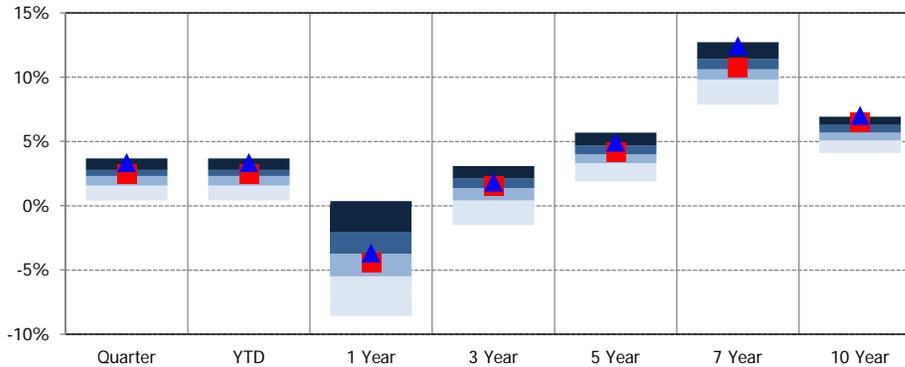
**Trailing Returns**

Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	2.51%	2.51%	-4.44%	1.53%	4.14%	10.74%	6.50%
Benchmark	3.35%	3.35%	-3.69%	1.84%	4.93%	12.43%	7.01%
+/- Benchmark	<b>-0.85%</b>	<b>-0.85%</b>	<b>-0.75%</b>	<b>-0.32%</b>	<b>-0.80%</b>	<b>-1.70%</b>	<b>-0.50%</b>
Peer Group Mean Return	2.14%	2.14%	-4.10%	1.07%	3.85%	10.53%	5.62%
Peer Ranking (1=best, 10=worst)	<b>4</b>	<b>4</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>2</b>
Number in Universe	849	849	813	736	629	576	529

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-4.59%	2.76%	7.16%	14.92%	2.58%
Benchmark	-4.47%	2.45%	7.44%	15.81%	4.98%
+/- Benchmark	<b>-0.12%</b>	<b>0.31%</b>	<b>-0.29%</b>	<b>-0.89%</b>	<b>-2.40%</b>
Peer Group Mean Return	-3.97%	1.30%	6.97%	14.71%	3.06%
Peer Ranking	<b>7</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>7</b>
Number in Universe	810	769	725	664	621



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>8.90%</b>	10.68%
Sharpe Ratio	<b>0.63</b>	0.59
Max Drawdown	<b>-27.19%</b>	-33.31%
Length	<b>18</b>	18
Recovery	<b>9</b>	9
Peak	Jun-07	Jun-07
Valley	Nov-08	Nov-08
Average Return	<b>0.56%</b>	0.61%
Average Gain	<b>1.73%</b>	1.96%
Average Loss	<b>-2.23%</b>	-2.50%
Best Qtr Gain	<b>17.49%</b>	23.07%
Worst Qtr Loss	<b>-16.05%</b>	-17.88%

**Comparison to Index**

Alpha	<b>0.50%</b>
Beta	<b>0.82</b>
R-Squared	<b>0.96</b>
Tracking Error	<b>2.62%</b>
Information Ratio	<b>-0.19</b>
Treyner Ratio	<b>6.65%</b>
Up Capture	<b>88.91%</b>
Down Capture	<b>86.21%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Nov-98
% Cash	4	Number of Stocks	8
% US Stocks	0	Number of Bonds	895
% Non-US Stocks	0	Turnover Ratio %	52
% US Bonds	78	Top Ten Holdings %	6
% Non-US Bonds	16	Min Purchase \$	15,000,000
% Convertible	1	Assets \$	10,233,130,140
% Preferred	1	12 Month Yield %	6.21
% Other	1		

**Expenses & Fees**

Net Expense Ratio %	0.71	Dividends	Monthly
12(b)-1 Fee %		Share Class	Retirement
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: PFUIX

Peer Group: US Foreign Bond

Benchmark: JPM GBI Global Ex US TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
 Performance vs. Peer Group (10%): **Adequate**  
 Standard Deviation vs. Index (10%): **Poor**  
 Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Poor**  
 Beta (5%): **Adequate**  
 Alpha (5%): **Adequate**  
 Treynor Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Poor**  
 Fees (5%): **Good**  
 Turnover (5%): **Poor**  
 Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
 Benchmark  
 +/- Benchmark  
 Peer Group Mean Return  
 Peer Ranking (1=best, 10=worst)  
 Number in Universe

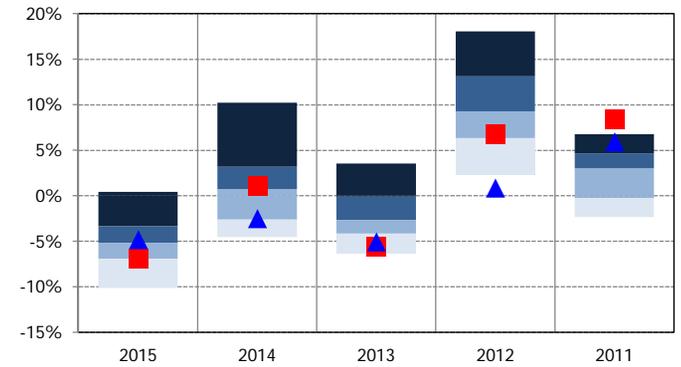
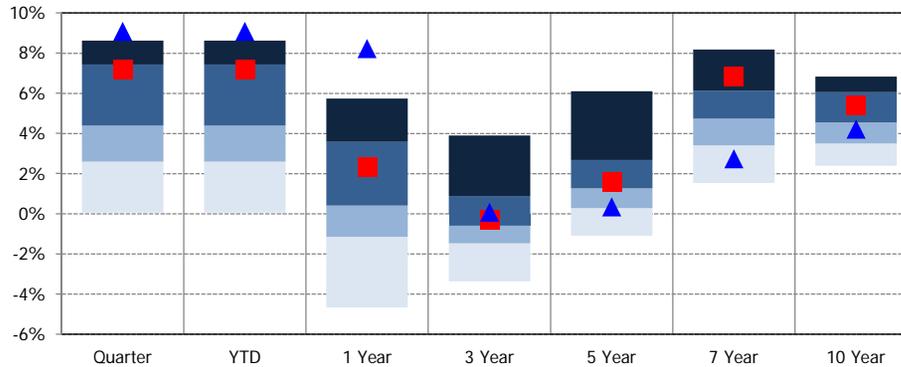
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	7.18%	7.18%	2.31%	-0.31%	1.61%	6.86%	5.40%
Benchmark	9.08%	9.08%	8.22%	0.08%	0.34%	2.74%	4.21%
+/- Benchmark	<b>-1.91%</b>	<b>-1.91%</b>	<b>-5.91%</b>	<b>-0.38%</b>	<b>1.27%</b>	<b>4.12%</b>	<b>1.19%</b>
Peer Group Mean Return	4.64%	4.64%	0.80%	-0.31%	1.54%	4.73%	4.62%
Peer Ranking	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>4</b>
Number in Universe	160	160	156	133	104	93	66

Periods over one year are annualized

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-6.86%	1.04%	-5.63%	6.71%	8.38%
Benchmark	-4.84%	-2.53%	-5.08%	0.84%	5.91%
+/- Benchmark	<b>-2.02%</b>	<b>3.57%</b>	<b>-0.56%</b>	<b>5.86%</b>	<b>2.47%</b>
Peer Group Mean Return	-4.87%	1.06%	-2.00%	9.68%	2.59%
Peer Ranking	<b>8</b>	<b>5</b>	<b>9</b>	<b>8</b>	<b>1</b>
Number in Universe	156	149	133	119	105



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>9.25%</b>	8.00%
Sharpe Ratio	<b>0.50</b>	0.42
Max Drawdown	<b>-20.75%</b>	-15.67%
Length	<b>8</b>	38
Recovery	<b>9</b>	
Peak	Apr-08	Oct-12
Valley	Nov-08	Nov-15
Average Return	<b>0.47%</b>	0.37%
Average Gain	<b>2.26%</b>	1.85%
Average Loss	<b>-1.81%</b>	-1.80%
Best Qtr Gain	<b>14.01%</b>	11.00%
Worst Qtr Loss	<b>-10.19%</b>	-5.78%

**Comparison to Index**

Alpha	<b>1.15%</b>
Beta	<b>1.03</b>
R-Squared	<b>0.79</b>
Tracking Error	<b>4.28%</b>
Information Ratio	<b>0.28</b>
Treynor Ratio	<b>4.20%</b>
Up Capture	<b>108.73%</b>
Down Capture	<b>99.84%</b>

**Portfolio Information**

Portfolio Info. Date	Dec-15	Inception Date	Apr-04
% Cash	32	Number of Stocks	2
% US Stocks	0	Number of Bonds	505
% Non-US Stocks	0	Turnover Ratio %	312
% US Bonds	46	Top Ten Holdings %	-23
% Non-US Bonds	20	Min Purchase \$	1,000,000
% Convertible	0	Assets \$	1,260,342,469
% Preferred	0	12 Month Yield %	1.80
% Other	2		

**Expenses & Fees**

Net Expense Ratio %	0.50	Dividends	Monthly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 8667462602
Deferred Load %		Web	https://www.pimco.com/
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: MEDHX  
Peer Group: US Emerging Markets Bond  
Benchmark: JPM EMBI Global TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Adequate**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

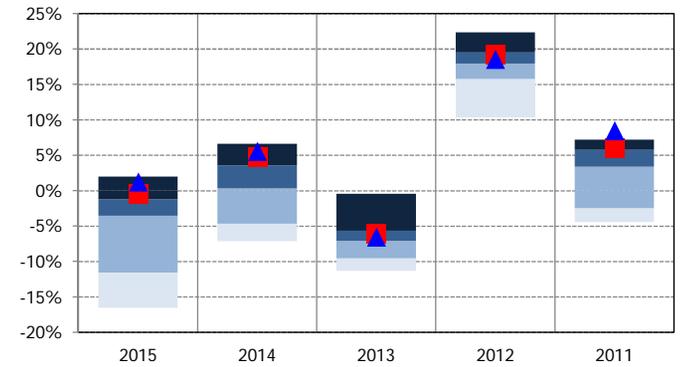
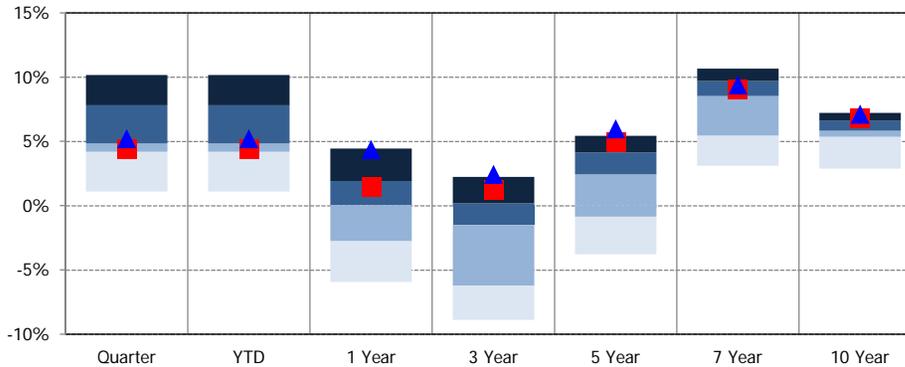
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	4.42%	4.42%	1.49%	1.28%	5.00%	9.07%	6.84%
Benchmark	5.22%	5.22%	4.36%	2.43%	5.97%	9.40%	7.11%
+/- Benchmark	<b>-0.79%</b>	<b>-0.79%</b>	<b>-2.86%</b>	<b>-1.15%</b>	<b>-0.97%</b>	<b>-0.33%</b>	<b>-0.27%</b>
Peer Group Mean Return	5.68%	5.68%	-0.37%	-2.67%	1.65%	7.65%	5.71%
Peer Ranking (1=best, 10=worst)	<b>7</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>2</b>
Number in Universe	454	454	443	324	201	134	91

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-0.39%	4.73%	-6.12%	19.19%	6.00%
Benchmark	1.23%	5.53%	-6.58%	18.54%	8.46%
+/- Benchmark	<b>-1.62%</b>	<b>-0.80%</b>	<b>0.47%</b>	<b>0.66%</b>	<b>-2.47%</b>
Peer Group Mean Return	-5.79%	-0.30%	-6.93%	17.46%	2.00%
Peer Ranking (1=best, 10=worst)	<b>2</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>2</b>
Number in Universe	443	389	307	258	190



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>9.20%</b>	8.82%
Sharpe Ratio	<b>0.65</b>	0.70
Max Drawdown	<b>-21.73%</b>	-20.74%
Length	<b>5</b>	5
Recovery	<b>8</b>	8
Peak	Jun-08	Jun-08
Valley	Oct-08	Oct-08
Average Return	<b>0.59%</b>	0.61%
Average Gain	<b>1.89%</b>	1.80%
Average Loss	<b>-1.88%</b>	-1.92%
Best Qtr Gain	<b>12.09%</b>	10.82%
Worst Qtr Loss	<b>-6.08%</b>	-6.06%

**Comparison to Index**

Alpha	<b>-0.39%</b>
Beta	<b>1.03</b>
R-Squared	<b>0.97</b>
Tracking Error	<b>1.56%</b>
Information Ratio	<b>-0.17</b>
Treyner Ratio	<b>5.62%</b>
Up Capture	<b>100.22%</b>
Down Capture	<b>103.67%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Mar-98
% Cash	8	Number of Stocks	0
% US Stocks	0	Number of Bonds	408
% Non-US Stocks	0	Turnover Ratio %	55
% US Bonds	1	Top Ten Holdings %	13
% Non-US Bonds	90	Min Purchase \$	0
% Convertible	0	Assets \$	3,995,799,324
% Preferred	0	12 Month Yield %	4.80
% Other	1		

**Expenses & Fees**

Net Expense Ratio %	0.73	Dividends	Monthly
12(b)-1 Fee %		Share Class	Retirement
Front Load %		Phone	+1 8779606077
Deferred Load %		Web	www.mfs.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: DFLVX  
Peer Group: US Large Value  
Benchmark: Russell 1000 Value TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Poor**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

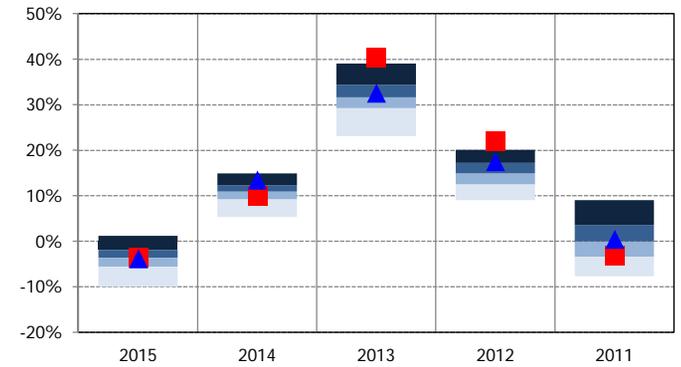
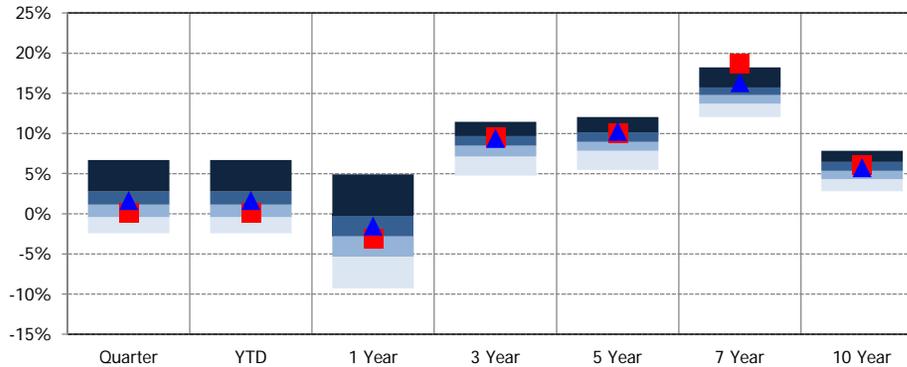
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	0.13%	0.13%	-3.16%	9.55%	10.05%	18.69%	6.04%
Benchmark	1.64%	1.64%	-1.54%	9.38%	10.25%	16.31%	5.72%
+/- Benchmark	<b>-1.51%</b>	<b>-1.51%</b>	<b>-1.62%</b>	<b>0.17%</b>	<b>-0.19%</b>	<b>2.37%</b>	<b>0.33%</b>
Peer Group Mean Return	1.39%	1.39%	-2.74%	8.30%	8.90%	14.88%	5.33%
Peer Ranking (1=best, 10=worst)	<b>7</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>4</b>
Number in Universe	1551	1551	1497	1377	1256	1218	1096

**Periods over one year are annualized**

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-3.49%	10.07%	40.32%	22.05%	-3.14%
Benchmark	-3.83%	13.45%	32.53%	17.51%	0.39%
+/- Benchmark	<b>0.33%</b>	<b>-3.39%</b>	<b>7.80%</b>	<b>4.54%</b>	<b>-3.53%</b>
Peer Group Mean Return	-3.94%	10.60%	31.54%	14.85%	0.17%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>8</b>
Number in Universe	1485	1424	1352	1302	1252



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>19.33%</b>	16.11%
Sharpe Ratio	<b>0.35</b>	0.36
Max Drawdown	<b>-60.60%</b>	-55.56%
Length	<b>21</b>	21
Recovery	<b>47</b>	47
Peak	Jun-07	Jun-07
Valley	Feb-09	Feb-09
Average Return	<b>0.65%</b>	0.57%
Average Gain	<b>3.90%</b>	3.40%
Average Loss	<b>-4.76%</b>	-3.94%
Best Qtr Gain	<b>23.58%</b>	18.24%
Worst Qtr Loss	<b>-27.86%</b>	-22.18%

**Comparison to Index**

Alpha	<b>-0.15%</b>
Beta	<b>1.18</b>
R-Squared	<b>0.97</b>
Tracking Error	<b>4.62%</b>
Information Ratio	<b>0.07</b>
Treyner Ratio	<b>4.22%</b>
Up Capture	<b>113.37%</b>
Down Capture	<b>115.01%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Feb-93
% Cash	1	Number of Stocks	298
% US Stocks	98	Number of Bonds	0
% Non-US Stocks	0	Turnover Ratio %	15
% US Bonds	0	Top Ten Holdings %	30
% Non-US Bonds	0	Min Purchase \$	0
% Convertible	0	Assets \$	15,684,291,340
% Preferred	0	12 Month Yield %	2.19
% Other	1		

**Expenses & Fees**

Net Expense Ratio %	0.27	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 512 3067400
Deferred Load %		Web	www.dimensionalm.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: VFIAX  
Peer Group: US Large Blend  
Benchmark: S&P 500 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

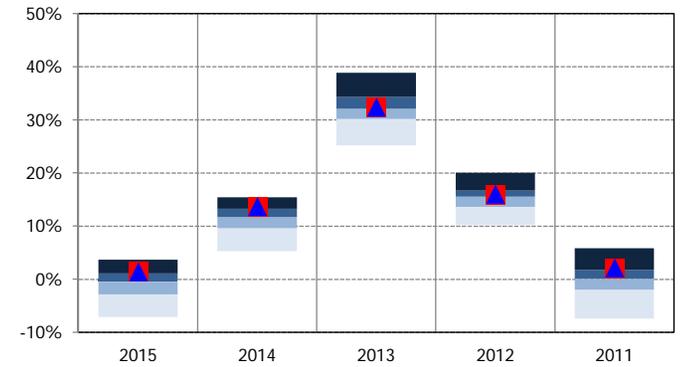
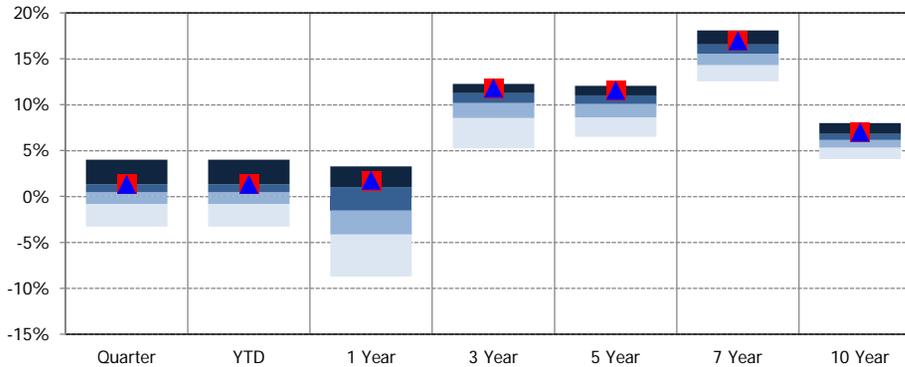
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	1.34%	1.34%	1.76%	11.78%	11.54%	16.95%	7.00%
Benchmark	1.35%	1.35%	1.78%	11.82%	11.58%	16.97%	7.01%
+/- Benchmark	-0.01%	-0.01%	-0.03%	-0.04%	-0.03%	-0.02%	-0.01%
Peer Group Mean Return	0.37%	0.37%	-1.86%	9.66%	9.69%	15.44%	6.04%
Peer Ranking (1=best, 10=worst)	3	3	2	2	1	2	2
Number in Universe	1764	1764	1694	1566	1442	1363	1244

Periods over one year are annualized

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	1.36%	13.64%	32.33%	15.96%	2.08%
Benchmark	1.38%	13.69%	32.39%	16.00%	2.11%
+/- Benchmark	-0.02%	-0.05%	-0.06%	-0.04%	-0.03%
Peer Group Mean Return	-0.98%	11.17%	32.08%	15.24%	-0.24%
Peer Ranking (1=best, 10=worst)	2	2	5	4	2
Number in Universe	1686	1629	1556	1486	1444



**Risk Characteristics**

	Product	Index
Standard Deviation	15.28%	15.28%
Sharpe Ratio	0.45	0.45
Max Drawdown	-50.92%	-50.95%
Length	16	16
Recovery	37	37
Peak	Nov-07	Nov-07
Valley	Feb-09	Feb-09
Average Return	0.66%	0.66%
Average Gain	3.22%	3.22%
Average Loss	-3.86%	-3.86%
Best Qtr Gain	15.99%	15.93%
Worst Qtr Loss	-21.92%	-21.94%

**Comparison to Index**

Alpha	-0.01%
Beta	1.00
R-Squared	1.00
Tracking Error	0.03%
Information Ratio	-0.32
Treyner Ratio	5.93%
Up Capture	99.97%
Down Capture	100.00%

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Aug-76
% Cash	0	Number of Stocks	505
% US Stocks	99	Number of Bonds	1
% Non-US Stocks	1	Turnover Ratio %	3
% US Bonds	0	Top Ten Holdings %	18
% Non-US Bonds	0	Min Purchase \$	10,000
% Convertible	0	Assets \$	43,414,624,237
% Preferred	0	12 Month Yield %	2.10
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.05	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Other
Front Load %		Phone	+1 8776627447
Deferred Load %		Web	www.vanguard.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: **TRLGX**  
Peer Group: **US Large Growth**  
Benchmark: **Russell 1000 Growth TR USD**

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

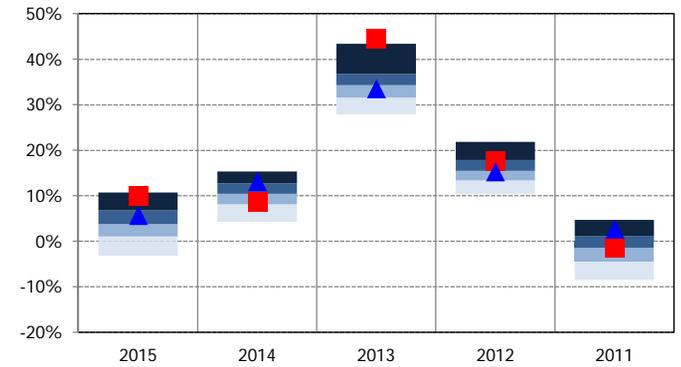
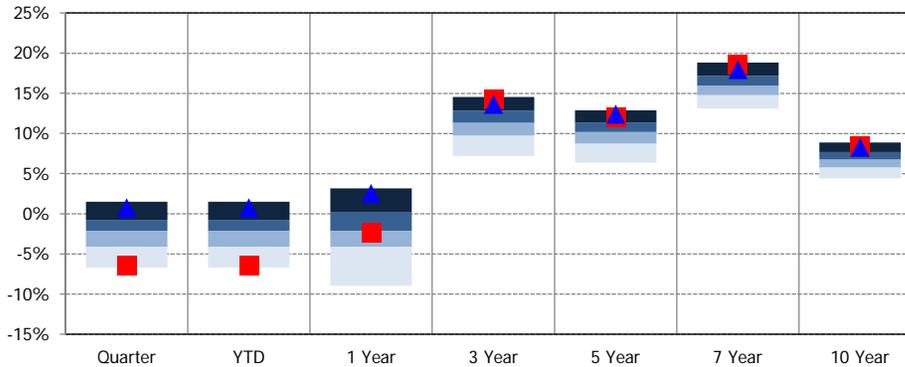
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	-6.44%	-6.44%	-2.37%	14.28%	12.02%	18.62%	8.44%
Benchmark	0.74%	0.74%	2.52%	13.61%	12.38%	17.94%	8.28%
+/- Benchmark	<b>-7.18%</b>	<b>-7.18%</b>	<b>-4.89%</b>	<b>0.67%</b>	<b>-0.36%</b>	<b>0.68%</b>	<b>0.16%</b>
Peer Group Mean Return	-2.42%	-2.42%	-2.30%	11.16%	9.96%	15.92%	6.69%
Peer Ranking (1=best, 10=worst)	<b>10</b>	<b>10</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>
Number in Universe	1794	1794	1760	1701	1554	1453	1340

**Periods over one year are annualized**

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	10.08%	8.72%	44.44%	17.55%	-1.40%
Benchmark	5.67%	13.05%	33.48%	15.26%	2.64%
+/- Benchmark	<b>4.41%</b>	<b>-4.33%</b>	<b>10.95%</b>	<b>2.30%</b>	<b>-4.04%</b>
Peer Group Mean Return	3.71%	10.15%	34.53%	15.64%	-1.76%
Peer Ranking (1=best, 10=worst)	<b>1</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>5</b>
Number in Universe	1752	1724	1702	1636	1549



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>17.86%</b>	15.57%
Sharpe Ratio	<b>0.48</b>	0.52
Max Drawdown	<b>-48.82%</b>	-47.99%
Length	<b>16</b>	16
Recovery	<b>23</b>	24
Peak	Nov-07	Nov-07
Valley	Feb-09	Feb-09
Average Return	<b>0.81%</b>	0.77%
Average Gain	<b>4.11%</b>	3.64%
Average Loss	<b>-3.79%</b>	-3.36%
Best Qtr Gain	<b>19.94%</b>	16.32%
Worst Qtr Loss	<b>-22.72%</b>	-22.79%

**Comparison to Index**

Alpha	<b>-0.39%</b>
Beta	<b>1.11</b>
R-Squared	<b>0.94</b>
Tracking Error	<b>4.72%</b>
Information Ratio	<b>0.03</b>
Treyner Ratio	<b>6.63%</b>
Up Capture	<b>109.01%</b>
Down Capture	<b>111.86%</b>

**Portfolio Information**

Portfolio Info. Date	Dec-15	Inception Date	Oct-01
% Cash	1	Number of Stocks	69
% US Stocks	93	Number of Bonds	0
% Non-US Stocks	4	Turnover Ratio %	40
% US Bonds	0	Top Ten Holdings %	39
% Non-US Bonds	0	Min Purchase \$	1,000,000
% Convertible	0	Assets \$	12,397,111,088
% Preferred	0	12 Month Yield %	0.04
% Other	1		

**Expenses & Fees**

Net Expense Ratio %	0.56	Dividends	Annually
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	410-345-2000
Deferred Load %		Web	www.troweprice.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: DFSCX  
Peer Group: US Small Blend  
Benchmark: Russell Micro Cap TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Good**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

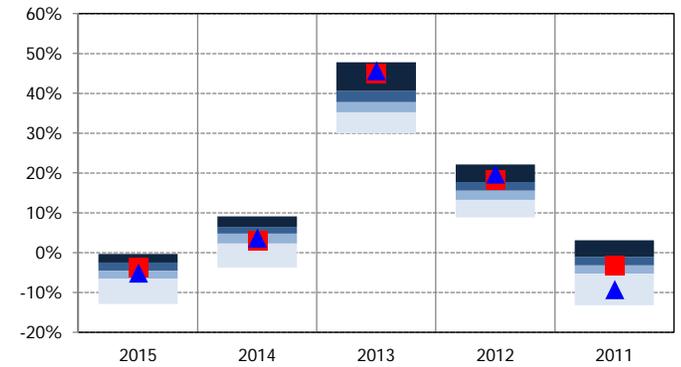
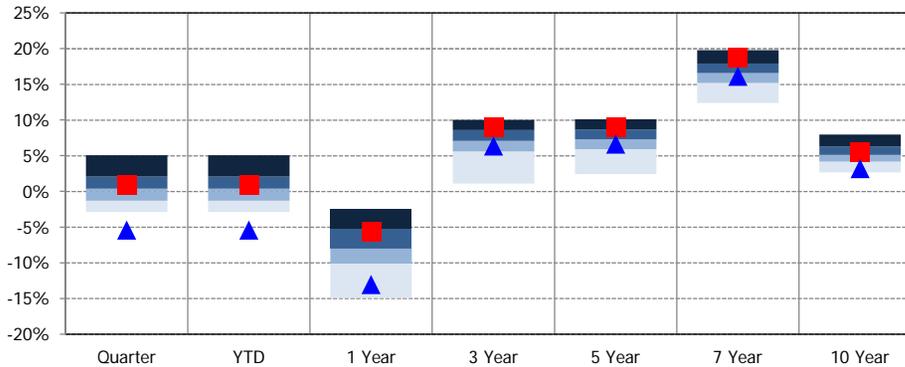
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	0.90%	0.90%	-5.71%	9.02%	8.97%	18.75%	5.45%
Benchmark	-5.43%	-5.43%	-13.05%	6.34%	6.61%	16.14%	3.18%
+/- Benchmark	<b>6.33%</b>	<b>6.33%</b>	<b>7.34%</b>	<b>2.68%</b>	<b>2.36%</b>	<b>2.61%</b>	<b>2.28%</b>
Peer Group Mean Return	0.57%	0.57%	-8.09%	6.57%	6.92%	16.41%	5.17%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4</b>
Number in Universe	881	881	830	743	687	658	573

**Periods over one year are annualized**

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-3.62%	2.92%	45.06%	18.24%	-3.25%
Benchmark	-5.16%	3.65%	45.62%	19.75%	-9.27%
+/- Benchmark	<b>1.54%</b>	<b>-0.73%</b>	<b>-0.55%</b>	<b>-1.50%</b>	<b>6.02%</b>
Peer Group Mean Return	-5.31%	3.99%	37.85%	15.51%	-3.65%
Peer Ranking (1=best, 10=worst)	<b>4</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>5</b>
Number in Universe	829	799	736	714	685



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>20.34%</b>	20.86%
Sharpe Ratio	<b>0.31</b>	0.20
Max Drawdown	<b>-56.88%</b>	-59.07%
Length	<b>21</b>	21
Recovery	<b>25</b>	48
Peak	Jun-07	Jun-07
Valley	Feb-09	Feb-09
Average Return	<b>0.62%</b>	0.44%
Average Gain	<b>4.23%</b>	4.55%
Average Loss	<b>-5.17%</b>	-5.08%
Best Qtr Gain	<b>24.76%</b>	24.97%
Worst Qtr Loss	<b>-26.98%</b>	-28.12%

**Comparison to Index**

Alpha	<b>2.23%</b>
Beta	<b>0.96</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>3.29%</b>
Information Ratio	<b>0.69</b>
Treyner Ratio	<b>4.55%</b>
Up Capture	<b>98.91%</b>
Down Capture	<b>90.97%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Dec-81
% Cash	1	Number of Stocks	1,615
% US Stocks	98	Number of Bonds	1
% Non-US Stocks	1	Turnover Ratio %	12
% US Bonds	0	Top Ten Holdings %	4
% Non-US Bonds	0	Min Purchase \$	0
% Convertible	0	Assets \$	4,784,320,699
% Preferred	0	12 Month Yield %	0.96
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.52	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 512 3067400
Deferred Load %		Web	www.dimensional.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: PGRQX  
Peer Group: US Global Real Estate  
Benchmark: MSCI World/Real Estate GR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Adequate**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

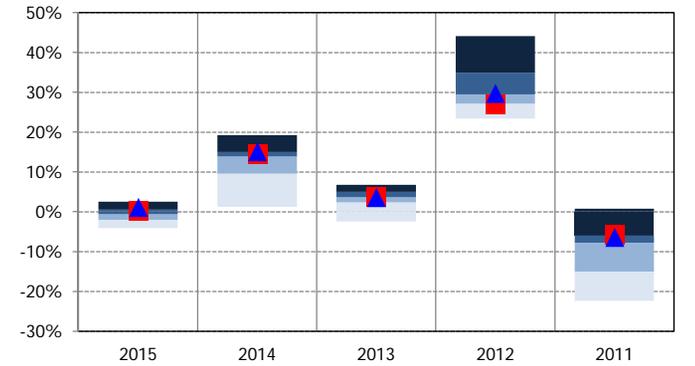
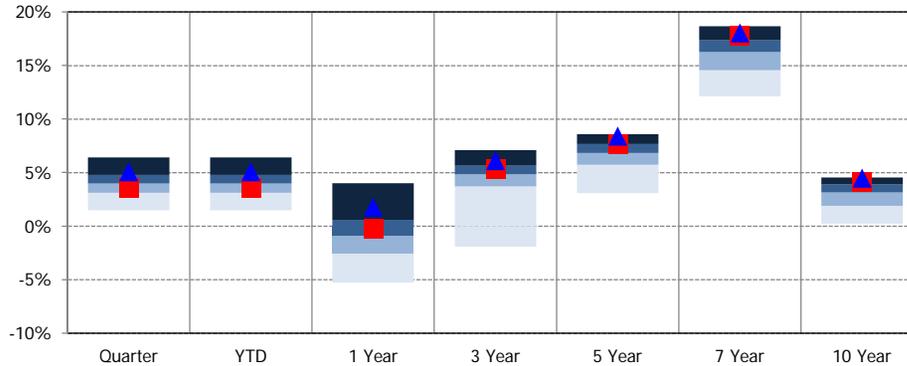
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	3.59%	3.59%	-0.26%	5.34%	7.62%	17.79%	4.14%
Benchmark	5.08%	5.08%	1.76%	6.10%	8.41%	18.04%	4.49%
+/- Benchmark	<b>-1.49%</b>	<b>-1.49%</b>	<b>-2.02%</b>	<b>-0.76%</b>	<b>-0.79%</b>	<b>-0.25%</b>	<b>-0.35%</b>
Peer Group Mean Return	3.89%	3.89%	-1.03%	4.09%	6.31%	15.85%	2.75%
Peer Ranking (1=best, 10=worst)	<b>7</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
Number in Universe	293	293	267	227	207	194	91

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	0.32%	14.60%	3.71%	26.94%	-5.77%
Benchmark	1.05%	15.05%	3.55%	29.69%	-6.40%
+/- Benchmark	<b>-0.73%</b>	<b>-0.45%</b>	<b>0.16%</b>	<b>-2.75%</b>	<b>0.63%</b>
Peer Group Mean Return	-0.84%	11.74%	3.44%	31.56%	-10.06%
Peer Ranking (1=best, 10=worst)	<b>3</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>3</b>
Number in Universe	263	243	219	219	207



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>21.31%</b>	21.18%
Sharpe Ratio	<b>0.25</b>	0.27
Max Drawdown	<b>-65.15%</b>	-66.65%
Length	<b>21</b>	21
Recovery	<b>50</b>	50
Peak	Jun-07	Jun-07
Valley	Feb-09	Feb-09
Average Return	<b>0.53%</b>	0.56%
Average Gain	<b>3.81%</b>	3.76%
Average Loss	<b>-5.59%</b>	-5.64%
Best Qtr Gain	<b>36.52%</b>	35.98%
Worst Qtr Loss	<b>-30.78%</b>	-29.91%

**Comparison to Index**

Alpha	<b>-0.28%</b>
Beta	<b>0.99</b>
R-Squared	<b>0.97</b>
Tracking Error	<b>3.44%</b>
Information Ratio	<b>-0.10</b>
Treyner Ratio	<b>3.09%</b>
Up Capture	<b>97.86%</b>
Down Capture	<b>98.94%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	May-98
% Cash	0	Number of Stocks	105
% US Stocks	51	Number of Bonds	0
% Non-US Stocks	47	Turnover Ratio %	48
% US Bonds	0	Top Ten Holdings %	27
% Non-US Bonds	0	Min Purchase \$	0
% Convertible	0	Assets \$	3,366,720,403
% Preferred	0	12 Month Yield %	1.83
% Other	2		

**Expenses & Fees**

Net Expense Ratio %	0.80	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 8002251852
Deferred Load %		Web	www.prudentialfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: VTMGX  
Peer Group: US Foreign Large Blend  
Benchmark: MSCI EAFE GR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Adequate**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Adequate**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

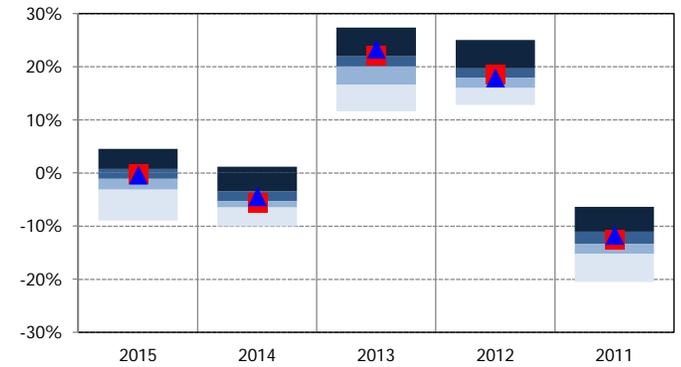
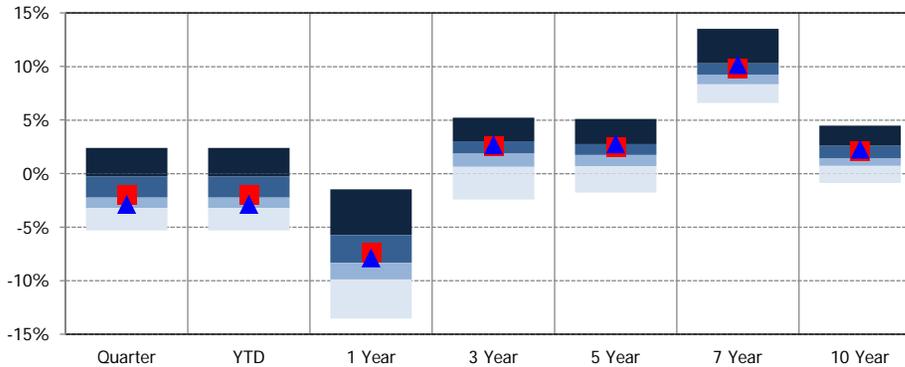
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	-2.02%	-2.02%	-7.35%	2.54%	2.52%	9.82%	2.05%
Benchmark	-2.88%	-2.88%	-7.87%	2.68%	2.76%	10.19%	2.27%
+/- Benchmark	<b>0.86%</b>	<b>0.86%</b>	<b>0.52%</b>	<b>-0.14%</b>	<b>-0.24%</b>	<b>-0.37%</b>	<b>-0.22%</b>
Peer Group Mean Return	-1.94%	-1.94%	-7.94%	1.80%	1.64%	9.39%	1.61%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>4</b>
Number in Universe	957	957	850	798	730	679	536

Periods over one year are annualized

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-0.18%	-5.66%	22.06%	18.56%	-12.51%
Benchmark	-0.39%	-4.48%	23.29%	17.90%	-11.73%
+/- Benchmark	<b>0.21%</b>	<b>-1.18%</b>	<b>-1.23%</b>	<b>0.66%</b>	<b>-0.78%</b>
Peer Group Mean Return	-1.53%	-4.92%	19.53%	18.06%	-13.36%
Peer Ranking (1=best, 10=worst)	<b>4</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>4</b>
Number in Universe	846	810	792	757	715



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>18.99%</b>	18.65%
Sharpe Ratio	<b>0.15</b>	0.16
Max Drawdown	<b>-57.06%</b>	-56.40%
Length	<b>16</b>	16
Recovery	<b>63</b>	60
Peak	Nov-07	Nov-07
Valley	Feb-09	Feb-09
Average Return	<b>0.32%</b>	0.33%
Average Gain	<b>4.02%</b>	4.03%
Average Loss	<b>-4.27%</b>	-4.17%
Best Qtr Gain	<b>25.41%</b>	25.85%
Worst Qtr Loss	<b>-20.03%</b>	-20.50%

**Comparison to Index**

Alpha	<b>-0.18%</b>
Beta	<b>1.01</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>2.66%</b>
Information Ratio	<b>-0.08</b>
Treyner Ratio	<b>0.97%</b>
Up Capture	<b>100.59%</b>
Down Capture	<b>101.53%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Aug-99
% Cash	1	Number of Stocks	3,583
% US Stocks	0	Number of Bonds	0
% Non-US Stocks	97	Turnover Ratio %	3
% US Bonds	0	Top Ten Holdings %	10
% Non-US Bonds	0	Min Purchase \$	10,000
% Convertible	0	Assets \$	56,240,817,899
% Preferred	0	12 Month Yield %	2.92
% Other	1		

**Expenses & Fees**

Net Expense Ratio %	0.09	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Other
Front Load %		Phone	+1 8776627447
Deferred Load %		Web	www.vanguard.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: DFISX  
Peer Group: US Foreign Small Cap  
Benchmark: MSCI EAFE Small Cap GR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Adequate**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

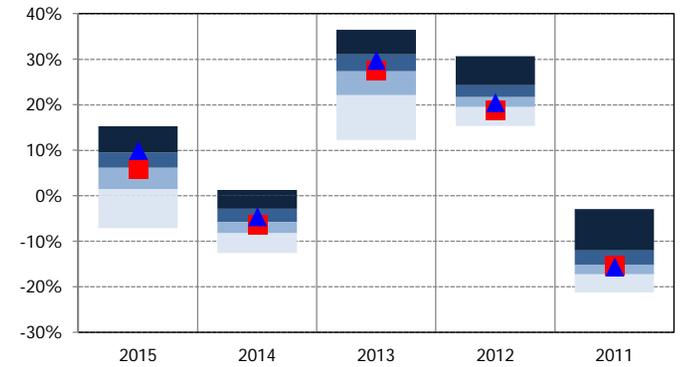
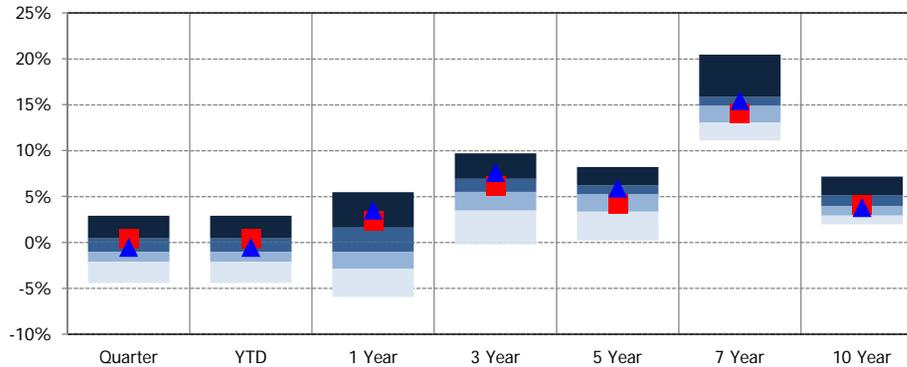
**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	0.38%	0.38%	2.34%	6.12%	4.17%	14.10%	4.12%
Benchmark	-0.52%	-0.52%	3.53%	7.63%	5.93%	15.47%	3.79%
+/- Benchmark	<b>0.90%</b>	<b>0.90%</b>	<b>-1.19%</b>	<b>-1.51%</b>	<b>-1.76%</b>	<b>-1.37%</b>	<b>0.33%</b>
Peer Group Mean Return	-0.76%	-0.76%	-0.67%	5.19%	4.79%	14.81%	4.15%
Peer Ranking (1=best, 10=worst)	<b>3</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>5</b>
Number in Universe	341	341	320	291	262	233	175

**Periods over one year are annualized**

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	5.91%	-6.30%	27.44%	18.86%	-15.35%
Benchmark	9.94%	-4.63%	29.69%	20.42%	-15.66%
+/- Benchmark	<b>-4.02%</b>	<b>-1.67%</b>	<b>-2.24%</b>	<b>-1.56%</b>	<b>0.31%</b>
Peer Group Mean Return	5.18%	-5.50%	26.40%	22.06%	-14.38%
Peer Ranking (1=best, 10=worst)	<b>6</b>	<b>6</b>	<b>5</b>	<b>9</b>	<b>6</b>
Number in Universe	311	299	287	270	257



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>19.29%</b>	19.84%
Sharpe Ratio	<b>0.25</b>	0.24
Max Drawdown	<b>-57.90%</b>	-59.49%
Length	<b>16</b>	16
Recovery	<b>55</b>	55
Peak	Nov-07	Nov-07
Valley	Feb-09	Feb-09
Average Return	<b>0.50%</b>	0.48%
Average Gain	<b>4.02%</b>	3.99%
Average Loss	<b>-4.13%</b>	-4.31%
Best Qtr Gain	<b>31.49%</b>	34.54%
Worst Qtr Loss	<b>-22.43%</b>	-23.92%

**Comparison to Index**

Alpha	<b>0.38%</b>
Beta	<b>0.96</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>2.76%</b>
Information Ratio	<b>0.12</b>
Treyner Ratio	<b>3.17%</b>
Up Capture	<b>97.73%</b>
Down Capture	<b>96.12%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Sep-96
% Cash	2	Number of Stocks	3,913
% US Stocks	1	Number of Bonds	0
% Non-US Stocks	96	Turnover Ratio %	0
% US Bonds	0	Top Ten Holdings %	4
% Non-US Bonds	0	Min Purchase \$	0
% Convertible	0	Assets \$	9,139,570,442
% Preferred	0	12 Month Yield %	2.55
% Other	2		

**Expenses & Fees**

Net Expense Ratio %	0.54	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 512 3067400
Deferred Load %		Web	www.dimensional.com
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: PRZIX  
Peer Group: US Diversified Emerging Mkts  
Benchmark: MSCI EM GR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Adequate**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

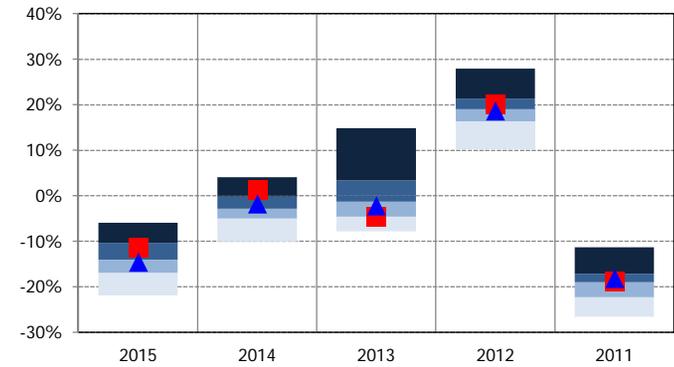
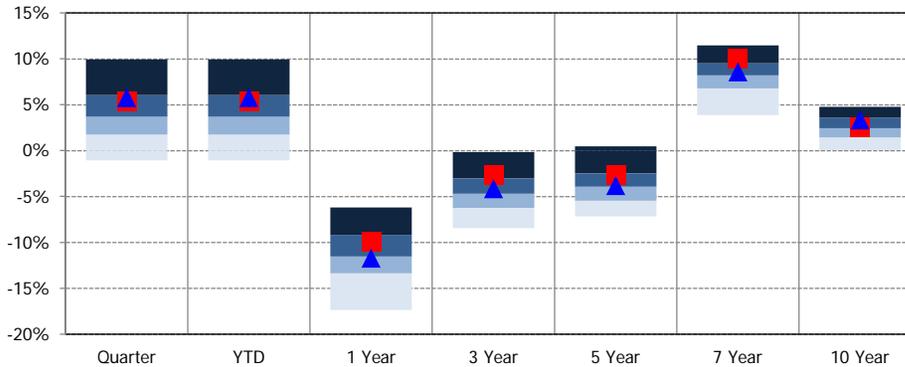
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	5.40%	5.40%	-9.93%	-2.63%	-2.69%	10.02%	2.57%
Benchmark	5.75%	5.75%	-11.70%	-4.15%	-3.80%	8.56%	3.34%
+/- Benchmark	-0.35%	-0.35%	1.76%	1.52%	1.11%	1.46%	-0.77%
Peer Group Mean Return	3.98%	3.98%	-11.44%	-4.55%	-3.79%	8.12%	2.42%
Peer Ranking (1=best, 10=worst)	4	4	4	3	3	2	5
Number in Universe	993	993	932	697	516	428	276

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-11.46%	1.41%	-4.69%	20.03%	-18.84%
Benchmark	-14.60%	-1.82%	-2.27%	18.63%	-18.17%
+/- Benchmark	3.14%	3.23%	-2.42%	1.41%	-0.67%
Peer Group Mean Return	-13.81%	-2.81%	0.31%	19.07%	-19.34%
Peer Ranking (1=best, 10=worst)	4	2	8	4	5
Number in Universe	917	796	693	614	499



**Risk Characteristics**

	Product	Index
Standard Deviation	25.64%	23.81%
Sharpe Ratio	0.19	0.22
Max Drawdown	-68.19%	-61.44%
Length	16	16
Recovery		
Peak	Nov-07	Nov-07
Valley	Feb-09	Feb-09
Average Return	0.49%	0.51%
Average Gain	5.64%	5.39%
Average Loss	-5.29%	-4.92%
Best Qtr Gain	42.05%	34.84%
Worst Qtr Loss	-34.23%	-27.56%

**Comparison to Index**

Alpha	-0.58%
Beta	1.06
R-Squared	0.97
Tracking Error	4.64%
Information Ratio	-0.17
Treyner Ratio	1.42%
Up Capture	103.80%
Down Capture	106.49%

**Portfolio Information**

Portfolio Info. Date	Dec-15	Inception Date	Mar-95
% Cash	2	Number of Stocks	98
% US Stocks	0	Number of Bonds	0
% Non-US Stocks	97	Turnover Ratio %	16
% US Bonds	0	Top Ten Holdings %	30
% Non-US Bonds	0	Min Purchase \$	1,000,000
% Convertible	0	Assets \$	8,009,504,829
% Preferred	0	12 Month Yield %	0.00
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	1.09	Dividends	Annually
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	410-345-2000
Deferred Load %		Web	www.troweprice.com
Redemption Fee %	2.00		

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: PCRIX  
Peer Group: US Commodities Broad Basket  
Benchmark: Bloomberg Commodity TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Poor**  
Alpha (5%): **Good**  
Treyner Ratio (5%): **Poor**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Poor**  
Fees (5%): **Good**  
Turnover (5%): **Poor**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

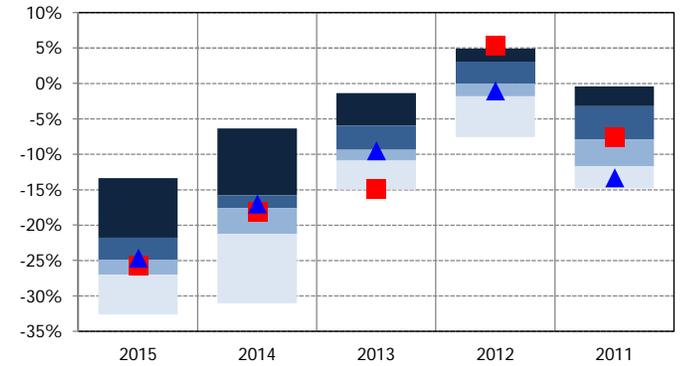
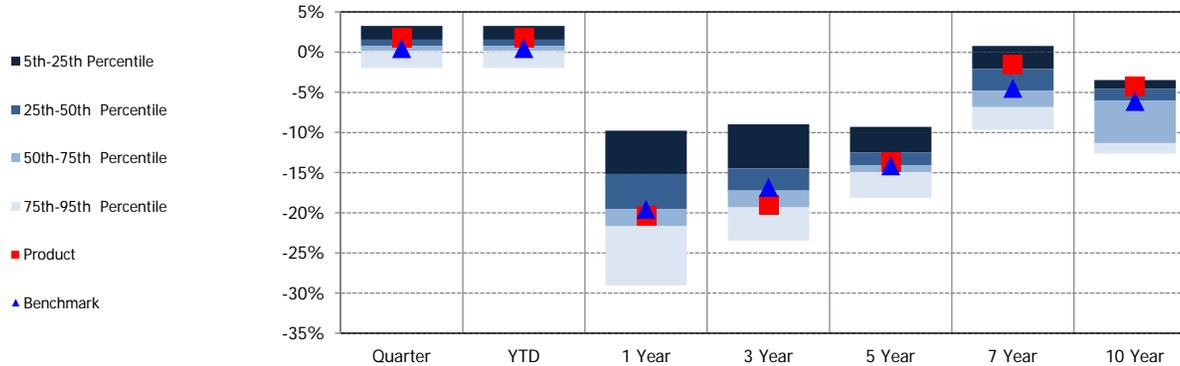
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years	10 Years
Product	1.74%	1.74%	-20.32%	-19.03%	-13.67%	-1.50%	-4.32%
Benchmark	0.42%	0.42%	-19.56%	-16.87%	-14.15%	-4.54%	-6.16%
+/- Benchmark	<b>1.33%</b>	<b>1.33%</b>	<b>-0.75%</b>	<b>-2.17%</b>	<b>0.47%</b>	<b>3.04%</b>	<b>1.84%</b>
Peer Group Mean Return	0.74%	0.74%	-18.88%	-16.69%	-13.83%	-4.63%	-7.50%
Peer Ranking	<b>2</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>2</b>
Number in Universe	188	188	181	157	103	57	30

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-25.70%	-18.06%	-14.81%	5.31%	-7.56%
Benchmark	-24.66%	-17.01%	-9.52%	-1.06%	-13.32%
+/- Benchmark	<b>-1.04%</b>	<b>-1.05%</b>	<b>-5.29%</b>	<b>6.37%</b>	<b>5.76%</b>
Peer Group Mean Return	-24.06%	-18.32%	-8.28%	-0.07%	-7.73%
Peer Ranking	<b>7</b>	<b>6</b>	<b>10</b>	<b>1</b>	<b>5</b>
Number in Universe	181	162	158	130	104



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>21.56%</b>	18.09%
Sharpe Ratio	<b>-0.14</b>	-0.32
Max Drawdown	<b>-63.49%</b>	-67.03%
Length	<b>92</b>	92
Recovery		
Peak	Jul-08	Jul-08
Valley	Feb-16	Feb-16
Average Return	<b>-0.17%</b>	-0.39%
Average Gain	<b>4.11%</b>	3.43%
Average Loss	<b>-5.07%</b>	-4.59%
Best Qtr Gain	<b>15.50%</b>	16.08%
Worst Qtr Loss	<b>-35.68%</b>	-30.04%

**Comparison to Index**

Alpha	<b>3.59%</b>
Beta	<b>1.16</b>
R-Squared	<b>0.94</b>
Tracking Error	<b>5.97%</b>
Information Ratio	<b>0.31</b>
Treyner Ratio	<b>-4.66%</b>
Up Capture	<b>120.88%</b>
Down Capture	<b>108.36%</b>

**Portfolio Information**

Portfolio Info. Date	Dec-15	Inception Date	Jun-02
% Cash	32	Number of Stocks	0
% US Stocks	0	Number of Bonds	374
% Non-US Stocks	0	Turnover Ratio %	123
% US Bonds	55	Top Ten Holdings %	46
% Non-US Bonds	3	Min Purchase \$	1,000,000
% Convertible	0	Assets \$	5,520,488,174
% Preferred	0	12 Month Yield %	6.15
% Other	10		

**Expenses & Fees**

Net Expense Ratio %	0.74	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 8667462602
Deferred Load %		Web	https://www.pimco.com/
Redemption Fee %			

Risk characteristics are calculated using a 10 year rolling window

**Basic Information**

Ticker: JSIIX  
Peer Group: US Retirement Income  
Benchmark: DJ Target Today TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Good**  
Performance vs. Peer Group (10%): **Poor**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Poor**  
Beta (5%): **Poor**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

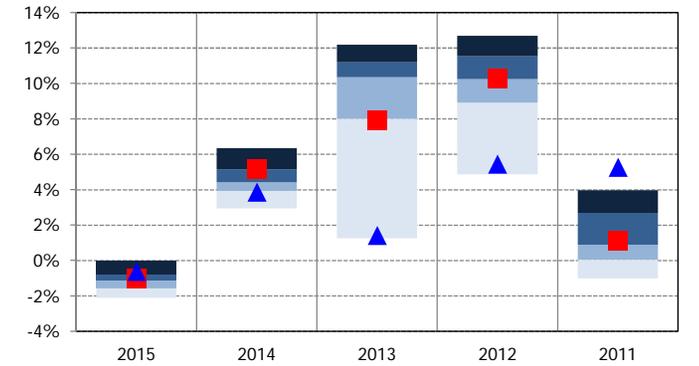
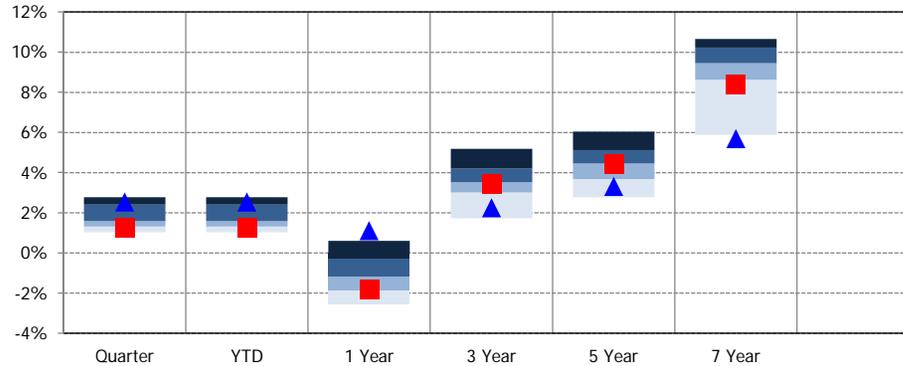
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	1.25%	1.25%	-1.84%	3.45%	4.45%	8.42%
Benchmark	2.54%	2.54%	1.11%	2.25%	3.30%	5.69%
+/- Benchmark	<b>-1.29%</b>	<b>-1.29%</b>	<b>-2.95%</b>	<b>1.20%</b>	<b>1.14%</b>	<b>2.73%</b>
Peer Group Mean Return	1.80%	1.80%	-1.06%	3.50%	4.40%	9.11%
Peer Ranking	8	8	8	6	5	8
Number in Universe	140	140	135	115	109	95

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.01%	5.17%	7.91%	10.30%	1.13%
Benchmark	-0.63%	3.86%	1.41%	5.44%	5.26%
+/- Benchmark	<b>-0.38%</b>	<b>1.30%</b>	<b>6.50%</b>	<b>4.87%</b>	<b>-4.14%</b>
Peer Group Mean Return	-1.15%	4.51%	9.21%	9.89%	1.33%
Peer Ranking	5	3	8	5	5
Number in Universe	135	125	115	109	109



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>6.41%</b>	3.74%
Sharpe Ratio	<b>1.28</b>	1.48
Max Drawdown	<b>-7.39%</b>	-3.12%
Length	<b>5</b>	2
Recovery	<b>4</b>	4
Peak	May-11	May-13
Valley	Sep-11	Jun-13
Average Return	<b>0.69%</b>	0.47%
Average Gain	<b>1.66%</b>	1.04%
Average Loss	<b>-1.27%</b>	-0.69%
Best Qtr Gain	<b>10.15%</b>	6.73%
Worst Qtr Loss	<b>-6.43%</b>	-2.07%

**Comparison to Index**

Alpha	<b>0.35%</b>
Beta	<b>1.42</b>
R-Squared	<b>0.69</b>
Tracking Error	<b>3.91%</b>
Information Ratio	<b>0.70</b>
Treyner Ratio	<b>5.84%</b>
Up Capture	<b>140.79%</b>
Down Capture	<b>129.11%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	May-06
% Cash	15	Number of Stocks	0
% US Stocks	24	Number of Bonds	0
% Non-US Stocks	11	Turnover Ratio %	10
% US Bonds	44	Top Ten Holdings %	72
% Non-US Bonds	6	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	2,152,505,366
% Preferred	0	12 Month Yield %	2.42
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.53	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JTTIX  
Peer Group: US Target Date 2016-2020  
Benchmark: DJ Target 2020 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Poor**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

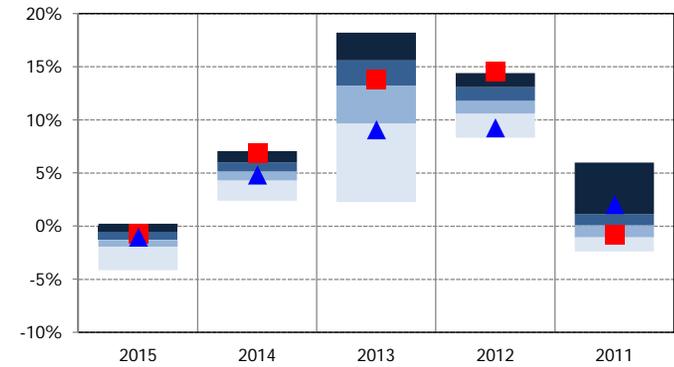
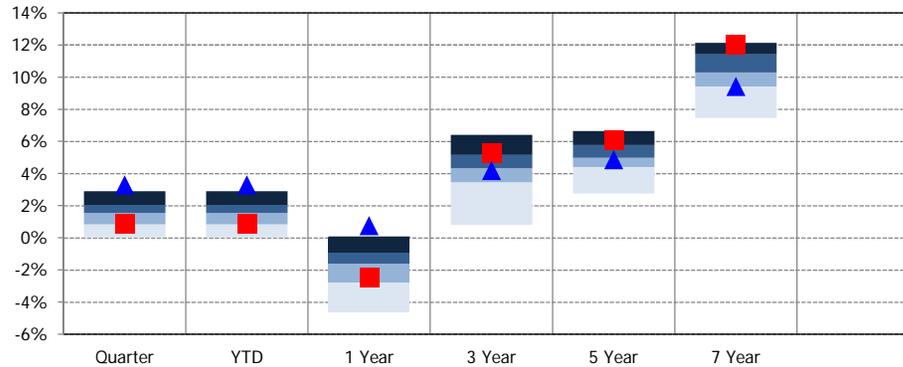
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	0.89%	0.89%	-2.45%	5.26%	6.07%	12.01%
Benchmark	3.29%	3.29%	0.75%	4.18%	4.87%	9.41%
+/- Benchmark	<b>-2.40%</b>	<b>-2.40%</b>	<b>-3.20%</b>	<b>1.08%</b>	<b>1.20%</b>	<b>2.60%</b>
Peer Group Mean Return	1.46%	1.46%	-1.89%	4.15%	4.98%	10.27%
Peer Ranking	<b>8</b>	<b>8</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>1</b>
Number in Universe	364	364	339	278	240	203

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-0.76%	6.91%	13.77%	14.58%	-0.76%
Benchmark	-1.04%	4.81%	9.05%	9.23%	2.01%
+/- Benchmark	<b>0.29%</b>	<b>2.10%</b>	<b>4.72%</b>	<b>5.35%</b>	<b>-2.78%</b>
Peer Group Mean Return	-1.44%	5.05%	12.33%	11.71%	0.50%
Peer Ranking	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>7</b>
Number in Universe	368	330	308	287	257



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>10.04%</b>	7.07%
Sharpe Ratio	<b>1.18</b>	1.30
Max Drawdown	<b>-12.79%</b>	-7.04%
Length	<b>5</b>	5
Recovery	<b>5</b>	4
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>0.99%</b>	0.77%
Average Gain	<b>2.57%</b>	1.84%
Average Loss	<b>-1.91%</b>	-1.28%
Best Qtr Gain	<b>15.77%</b>	12.70%
Worst Qtr Loss	<b>-11.30%</b>	-6.08%

**Comparison to Index**

Alpha	<b>-0.94%</b>
Beta	<b>1.39</b>
R-Squared	<b>0.95</b>
Tracking Error	<b>3.50%</b>
Information Ratio	<b>0.74</b>
Treyner Ratio	<b>8.59%</b>
Up Capture	<b>135.00%</b>
Down Capture	<b>148.37%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	May-06
% Cash	7	Number of Stocks	0
% US Stocks	33	Number of Bonds	0
% Non-US Stocks	16	Turnover Ratio %	8
% US Bonds	39	Top Ten Holdings %	78
% Non-US Bonds	5	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	6,538,731,013
% Preferred	0	12 Month Yield %	2.40
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.63	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JNSIX  
Peer Group: US Target Date 2021-2025  
Benchmark: DJ Target 2025 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Poor**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Adequate**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

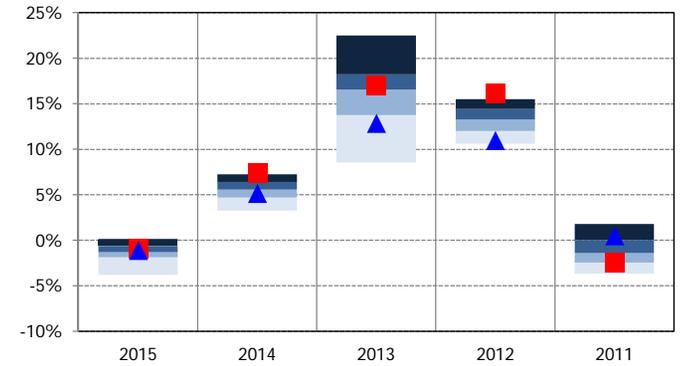
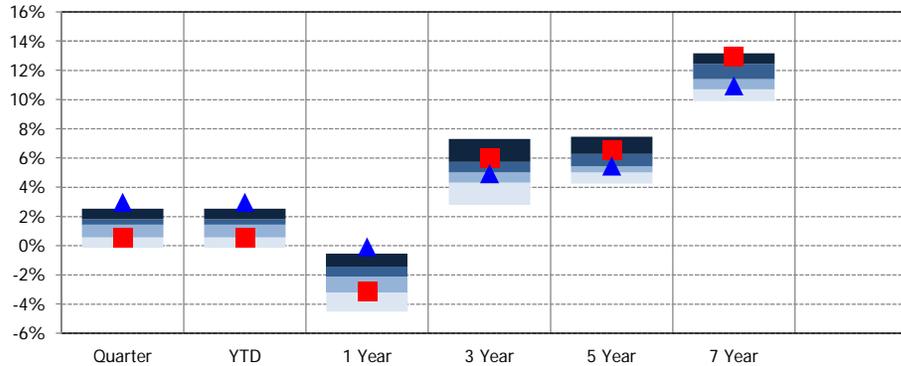
Product  
Benchmark  
+/- Benchmark

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	0.56%	0.56%	-3.15%	5.99%	6.54%	12.97%
Benchmark	2.95%	2.95%	-0.10%	4.92%	5.44%	10.93%
+/- Benchmark	<b>-2.39%</b>	<b>-2.39%</b>	<b>-3.05%</b>	<b>1.08%</b>	<b>1.10%</b>	<b>2.04%</b>
Peer Group Mean Return	1.26%	1.26%	-2.34%	4.93%	5.64%	11.52%
Peer Ranking (1=best, 10=worst)	<b>8</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>2</b>
Number in Universe	347	347	303	244	197	141

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-0.94%	7.44%	17.07%	16.14%	-2.42%
Benchmark	-1.11%	5.14%	12.84%	10.94%	0.49%
+/- Benchmark	<b>0.17%</b>	<b>2.30%</b>	<b>4.22%</b>	<b>5.20%</b>	<b>-2.91%</b>
Peer Group Mean Return	-1.41%	5.48%	15.84%	13.15%	-1.18%
Peer Ranking (1=best, 10=worst)	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>8</b>
Number in Universe	327	291	271	241	219



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>11.55%</b>	8.90%
Sharpe Ratio	<b>1.11</b>	1.20
Max Drawdown	<b>-15.46%</b>	-10.15%
Length	<b>5</b>	5
Recovery	<b>6</b>	5
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.08%</b>	0.90%
Average Gain	<b>2.90%</b>	2.29%
Average Loss	<b>-2.27%</b>	-1.64%
Best Qtr Gain	<b>17.26%</b>	15.38%
Worst Qtr Loss	<b>-13.55%</b>	-8.76%

**Comparison to Index**

Alpha	<b>-0.89%</b>
Beta	<b>1.28</b>
R-Squared	<b>0.97</b>
Tracking Error	<b>3.17%</b>
Information Ratio	<b>0.64</b>
Treyner Ratio	<b>10.07%</b>
Up Capture	<b>125.21%</b>
Down Capture	<b>135.17%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Jul-07
% Cash	7	Number of Stocks	0
% US Stocks	39	Number of Bonds	0
% Non-US Stocks	19	Turnover Ratio %	8
% US Bonds	30	Top Ten Holdings %	79
% Non-US Bonds	4	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	6,010,642,879
% Preferred	0	12 Month Yield %	2.30
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.65	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JSMIX  
Peer Group: US Target Date 2026-2030  
Benchmark: DJ Target 2030 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Poor**  
Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Poor**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

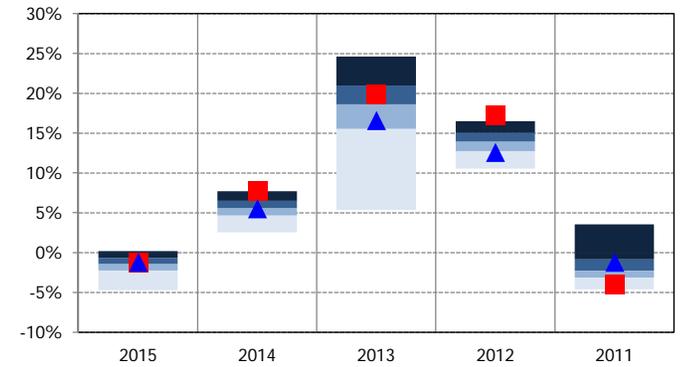
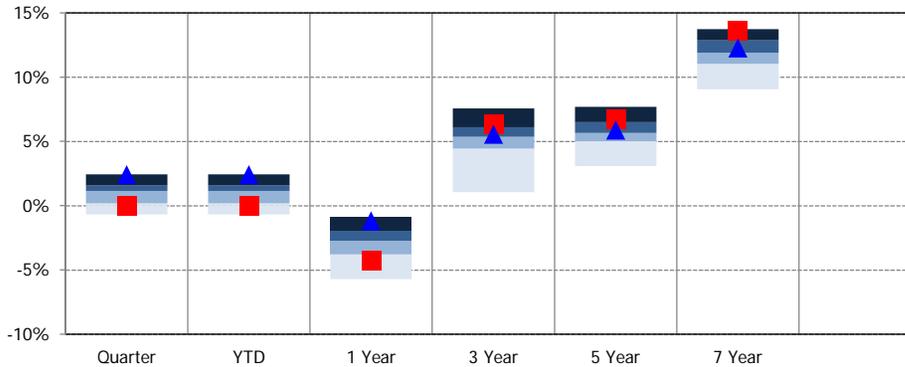
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	-0.05%	-0.05%	-4.25%	6.35%	6.70%	13.65%
Benchmark	2.40%	2.40%	-1.18%	5.55%	5.89%	12.27%
+/- Benchmark	<b>-2.45%</b>	<b>-2.45%</b>	<b>-3.07%</b>	<b>0.80%</b>	<b>0.81%</b>	<b>1.38%</b>
Peer Group Mean Return	0.99%	0.99%	-2.93%	5.14%	5.67%	11.84%
Peer Ranking	<b>9</b>	<b>9</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>1</b>
Number in Universe	363	363	338	278	241	204

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.31%	7.70%	19.94%	17.24%	-4.03%
Benchmark	-1.21%	5.50%	16.59%	12.56%	-1.20%
+/- Benchmark	<b>-0.10%</b>	<b>2.20%</b>	<b>3.36%</b>	<b>4.68%</b>	<b>-2.83%</b>
Peer Group Mean Return	-1.66%	5.49%	17.52%	13.75%	-1.57%
Peer Ranking	<b>5</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>9</b>
Number in Universe	367	331	308	288	258



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>12.81%</b>	10.73%
Sharpe Ratio	<b>1.06</b>	1.13
Max Drawdown	<b>-17.63%</b>	-13.22%
Length	<b>5</b>	5
Recovery	<b>6</b>	6
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.14%</b>	1.02%
Average Gain	<b>3.23%</b>	2.75%
Average Loss	<b>-2.44%</b>	-2.00%
Best Qtr Gain	<b>18.63%</b>	17.83%
Worst Qtr Loss	<b>-15.52%</b>	-11.44%

**Comparison to Index**

Alpha	<b>-0.70%</b>
Beta	<b>1.18</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>2.71%</b>
Information Ratio	<b>0.51</b>
Treyner Ratio	<b>11.49%</b>
Up Capture	<b>116.08%</b>
Down Capture	<b>122.36%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	May-06
% Cash	6	Number of Stocks	0
% US Stocks	47	Number of Bonds	0
% Non-US Stocks	22	Turnover Ratio %	10
% US Bonds	23	Top Ten Holdings %	80
% Non-US Bonds	3	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	6,633,834,654
% Preferred	0	12 Month Yield %	2.22
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.67	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: SRJIX  
Peer Group: US Target Date 2031-2035  
Benchmark: DJ Target 2035 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Poor**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Good**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Adequate**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

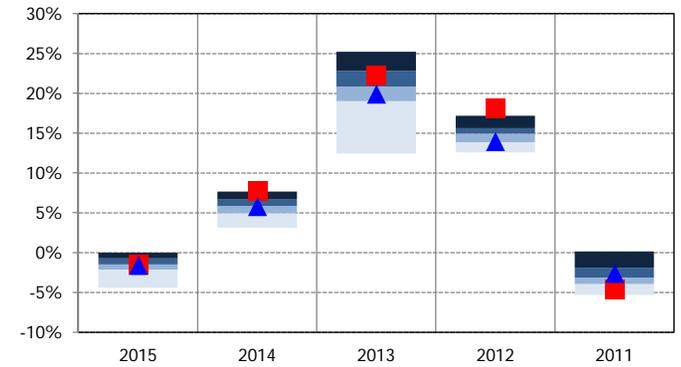
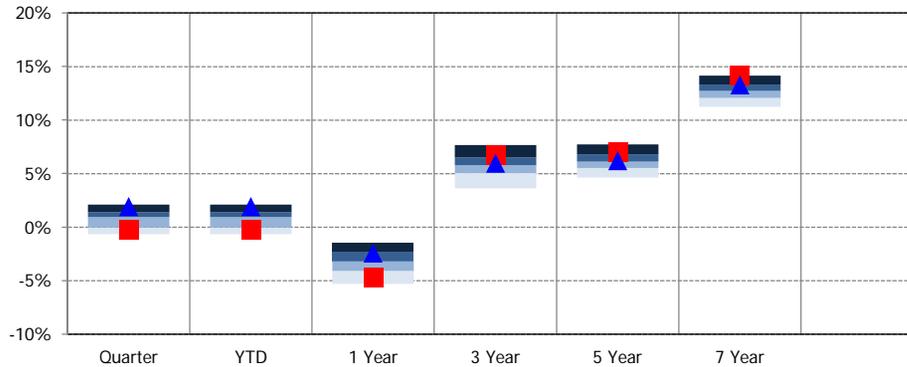
Product  
Benchmark  
+/- Benchmark

**Trailing Returns**

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	-0.28%	-0.28%	-4.75%	6.70%	6.99%	14.14%
Benchmark	1.92%	1.92%	-2.43%	5.97%	6.20%	13.28%
+/- Benchmark	<b>-2.20%</b>	<b>-2.20%</b>	<b>-2.32%</b>	<b>0.73%</b>	<b>0.79%</b>	<b>0.86%</b>
Peer Group Mean Return	0.77%	0.77%	-3.31%	5.67%	6.15%	12.67%
Peer Ranking (1=best, 10=worst)	<b>9</b>	<b>9</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>1</b>
Number in Universe	346	346	302	243	196	141

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.50%	7.78%	22.19%	18.16%	-4.65%
Benchmark	-1.61%	5.80%	19.90%	13.92%	-2.62%
+/- Benchmark	<b>0.12%</b>	<b>1.98%</b>	<b>2.29%</b>	<b>4.23%</b>	<b>-2.03%</b>
Peer Group Mean Return	-1.62%	5.69%	20.35%	14.78%	-2.89%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>9</b>
Number in Universe	324	287	266	238	218



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>13.76%</b>	12.28%
Sharpe Ratio	<b>1.03</b>	1.07
Max Drawdown	<b>-19.22%</b>	-15.68%
Length	<b>5</b>	5
Recovery	<b>12</b>	12
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.19%</b>	1.11%
Average Gain	<b>3.51%</b>	2.97%
Average Loss	<b>-2.68%</b>	-2.52%
Best Qtr Gain	<b>19.37%</b>	19.71%
Worst Qtr Loss	<b>-16.85%</b>	-13.60%

**Comparison to Index**

Alpha	<b>-0.50%</b>
Beta	<b>1.11</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>2.34%</b>
Information Ratio	<b>0.37</b>
Treyner Ratio	<b>12.65%</b>
Up Capture	<b>110.65%</b>
Down Capture	<b>115.51%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Jul-07
% Cash	6	Number of Stocks	0
% US Stocks	51	Number of Bonds	0
% Non-US Stocks	24	Turnover Ratio %	10
% US Bonds	17	Top Ten Holdings %	78
% Non-US Bonds	2	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	4,610,816,892
% Preferred	0	12 Month Yield %	2.14
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.69	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: SMTIX  
Peer Group: US Target Date 2036-2040  
Benchmark: DJ Target 2040 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Poor**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Good**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

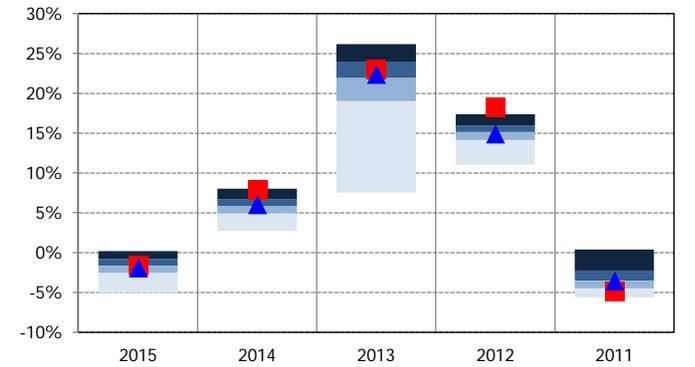
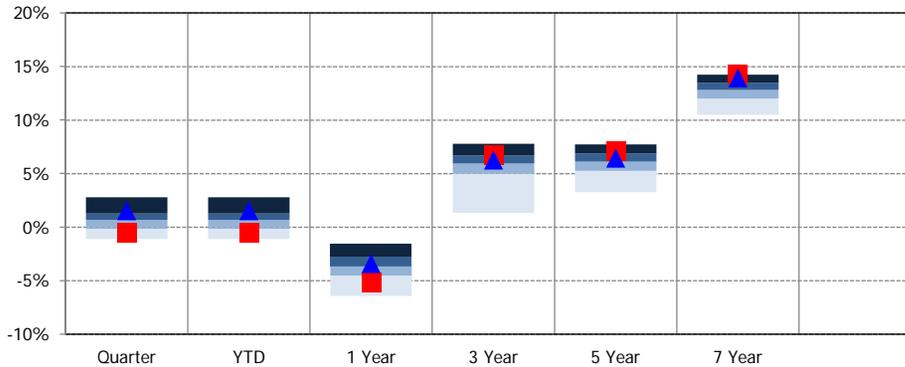
Product  
Benchmark  
+/- Benchmark  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	-0.50%	-0.50%	-5.18%	6.77%	7.05%	14.24%
Benchmark	1.54%	1.54%	-3.41%	6.27%	6.43%	13.92%
+/- Benchmark	<b>-2.03%</b>	<b>-2.03%</b>	<b>-1.78%</b>	<b>0.51%</b>	<b>0.62%</b>	<b>0.31%</b>
Peer Group Mean Return	0.63%	0.63%	-3.70%	5.62%	5.98%	12.64%
Peer Ranking (1=best, 10=worst)	<b>9</b>	<b>9</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>1</b>
Number in Universe	359	359	337	278	241	204

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.65%	7.90%	23.02%	18.29%	-4.80%
Benchmark	-1.94%	6.03%	22.38%	14.88%	-3.59%
+/- Benchmark	<b>0.28%</b>	<b>1.87%</b>	<b>0.64%</b>	<b>3.42%</b>	<b>-1.21%</b>
Peer Group Mean Return	-1.85%	5.67%	20.61%	14.83%	-2.82%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>8</b>
Number in Universe	366	330	308	287	258



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>13.95%</b>	13.33%
Sharpe Ratio	<b>1.02</b>	1.04
Max Drawdown	<b>-19.28%</b>	-17.31%
Length	<b>5</b>	5
Recovery	<b>12</b>	12
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.19%</b>	1.16%
Average Gain	<b>3.58%</b>	3.33%
Average Loss	<b>-2.76%</b>	-2.62%
Best Qtr Gain	<b>19.28%</b>	20.80%
Worst Qtr Loss	<b>-16.93%</b>	-15.04%

**Comparison to Index**

Alpha	<b>-0.15%</b>
Beta	<b>1.04</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>1.95%</b>
Information Ratio	<b>0.16</b>
Treyner Ratio	<b>13.65%</b>
Up Capture	<b>104.69%</b>
Down Capture	<b>107.30%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	May-06
% Cash	5	Number of Stocks	0
% US Stocks	55	Number of Bonds	0
% Non-US Stocks	27	Turnover Ratio %	10
% US Bonds	11	Top Ten Holdings %	78
% Non-US Bonds	2	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	4,746,209,608
% Preferred	0	12 Month Yield %	2.07
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.70	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JSAIX  
Peer Group: US Target Date 2041-2045  
Benchmark: DJ Target 2045 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Adequate**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

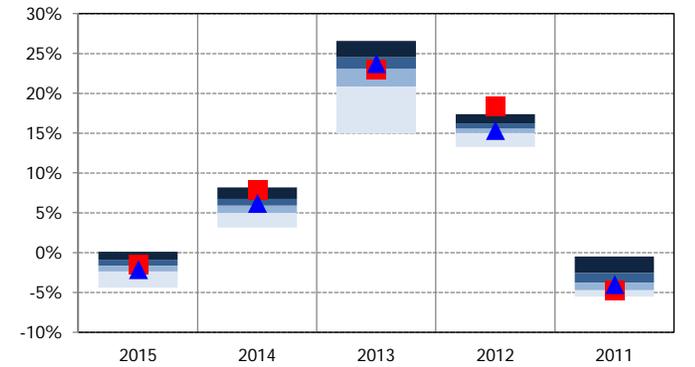
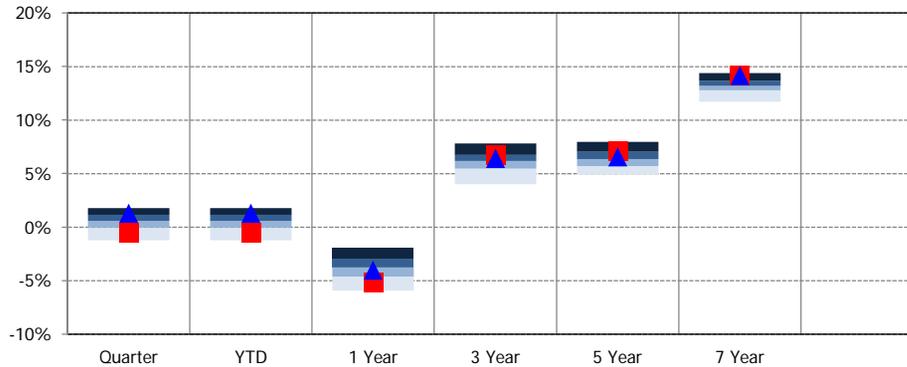
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	-0.54%	-0.54%	-5.15%	6.77%	7.10%	14.19%
Benchmark	1.29%	1.29%	-4.02%	6.40%	6.55%	14.15%
+/- Benchmark	<b>-1.82%</b>	<b>-1.82%</b>	<b>-1.12%</b>	<b>0.37%</b>	<b>0.55%</b>	<b>0.04%</b>
Peer Group Mean Return	0.53%	0.53%	-3.82%	5.99%	6.38%	13.15%
Peer Ranking (1=best, 10=worst)	<b>9</b>	<b>9</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>1</b>
Number in Universe	347	347	303	244	196	134

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.55%	7.83%	23.02%	18.42%	-4.74%
Benchmark	-2.15%	6.16%	23.71%	15.32%	-3.99%
+/- Benchmark	<b>0.60%</b>	<b>1.67%</b>	<b>-0.70%</b>	<b>3.10%</b>	<b>-0.74%</b>
Peer Group Mean Return	-1.74%	5.79%	22.28%	15.48%	-3.48%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>8</b>
Number in Universe	324	287	265	230	216



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>13.93%</b>	13.79%
Sharpe Ratio	<b>1.02</b>	1.03
Max Drawdown	<b>-19.21%</b>	-17.97%
Length	<b>5</b>	5
Recovery	<b>12</b>	14
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.19%</b>	1.19%
Average Gain	<b>3.57%</b>	3.50%
Average Loss	<b>-2.76%</b>	-2.66%
Best Qtr Gain	<b>19.32%</b>	21.01%
Worst Qtr Loss	<b>-16.84%</b>	-15.63%

**Comparison to Index**

Alpha	<b>0.03%</b>
Beta	<b>1.00</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>1.81%</b>
Information Ratio	<b>0.02</b>
Treyner Ratio	<b>14.07%</b>
Up Capture	<b>100.53%</b>
Down Capture	<b>100.78%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Jul-07
% Cash	6	Number of Stocks	0
% US Stocks	55	Number of Bonds	0
% Non-US Stocks	27	Turnover Ratio %	9
% US Bonds	11	Top Ten Holdings %	78
% Non-US Bonds	2	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	2,845,257,120
% Preferred	0	12 Month Yield %	2.07
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.70	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JTSIX  
Peer Group: US Target Date 2046-2050  
Benchmark: DJ Target 2050 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Good**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Adequate**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

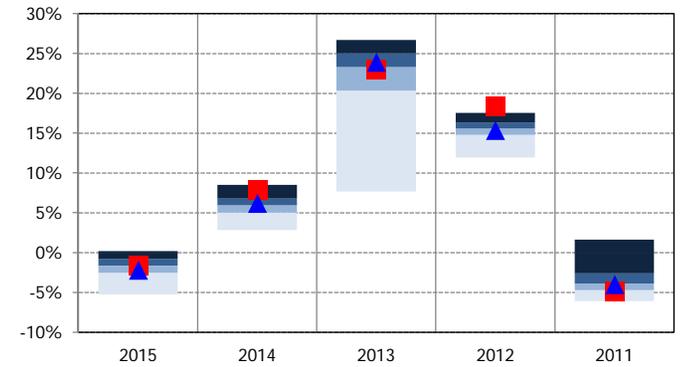
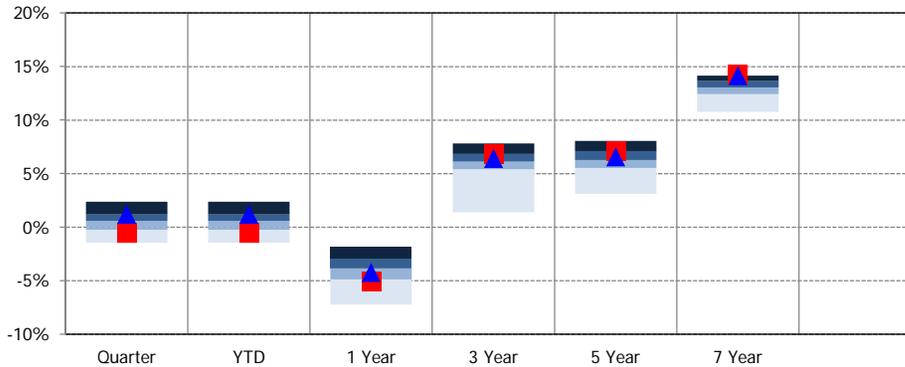
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years	5 Years	7 Years
Product	-0.53%	-0.53%	-5.10%	6.79%	7.07%	14.24%
Benchmark	1.20%	1.20%	-4.23%	6.39%	6.56%	14.15%
+/- Benchmark	<b>-1.74%</b>	<b>-1.74%</b>	<b>-0.87%</b>	<b>0.40%</b>	<b>0.51%</b>	<b>0.09%</b>
Peer Group Mean Return	0.53%	0.53%	-3.95%	5.83%	6.14%	12.87%
Peer Ranking (1=best, 10=worst)	<b>9</b>	<b>9</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>1</b>
Number in Universe	348	348	323	262	204	162

**Yearly Returns**

	2015	2014	2013	2012	2011
Product	-1.56%	7.82%	23.01%	18.37%	-4.80%
Benchmark	-2.23%	6.19%	23.89%	15.35%	-4.00%
+/- Benchmark	<b>0.67%</b>	<b>1.62%</b>	<b>-0.88%</b>	<b>3.02%</b>	<b>-0.80%</b>
Peer Group Mean Return	-1.87%	5.80%	21.77%	15.29%	-3.14%
Peer Ranking (1=best, 10=worst)	<b>5</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>8</b>
Number in Universe	351	312	289	263	218



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>13.93%</b>	13.85%
Sharpe Ratio	<b>1.02</b>	1.02
Max Drawdown	<b>-19.28%</b>	-17.98%
Length	<b>5</b>	5
Recovery	<b>12</b>	14
Peak	May-11	May-11
Valley	Sep-11	Sep-11
Average Return	<b>1.20%</b>	1.19%
Average Gain	<b>3.57%</b>	3.52%
Average Loss	<b>-2.75%</b>	-2.68%
Best Qtr Gain	<b>19.20%</b>	21.01%
Worst Qtr Loss	<b>-16.91%</b>	-15.63%

**Comparison to Index**

Alpha	<b>0.14%</b>
Beta	<b>1.00</b>
R-Squared	<b>0.98</b>
Tracking Error	<b>1.87%</b>
Information Ratio	<b>0.05</b>
Treyner Ratio	<b>14.20%</b>
Up Capture	<b>100.22%</b>
Down Capture	<b>99.79%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Jul-07
% Cash	6	Number of Stocks	0
% US Stocks	55	Number of Bonds	0
% Non-US Stocks	27	Turnover Ratio %	9
% US Bonds	11	Top Ten Holdings %	78
% Non-US Bonds	2	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	2,318,842,651
% Preferred	0	12 Month Yield %	2.08
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.70	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 7 year rolling window

**Basic Information**

Ticker: JFFIX  
Peer Group: US Target Date 2051+  
Benchmark: DJ Target 2055 TR USD

**Risk & Return (45%)**

Performance vs. Index (20%): **Adequate**  
Performance vs. Peer Group (10%): **Poor**  
Standard Deviation vs. Index (10%): **Adequate**  
Max Drawdown vs. Index (5%): **Adequate**

**Modern Portfolio Theory (20%)**

R-Squared (5%): **Good**  
Beta (5%): **Adequate**  
Alpha (5%): **Adequate**  
Treyner Ratio (5%): **Good**

**Portfolio Characteristics (35%)**

Asset Allocation (20%): **Adequate**  
Fees (5%): **Good**  
Turnover (5%): **Good**  
Inception Date (5%): **Poor**

Percentages indicate each criterion's weighting in overall composite score

**Return Characteristics**

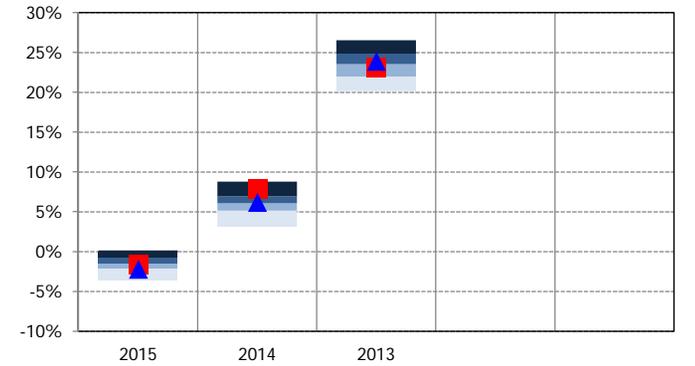
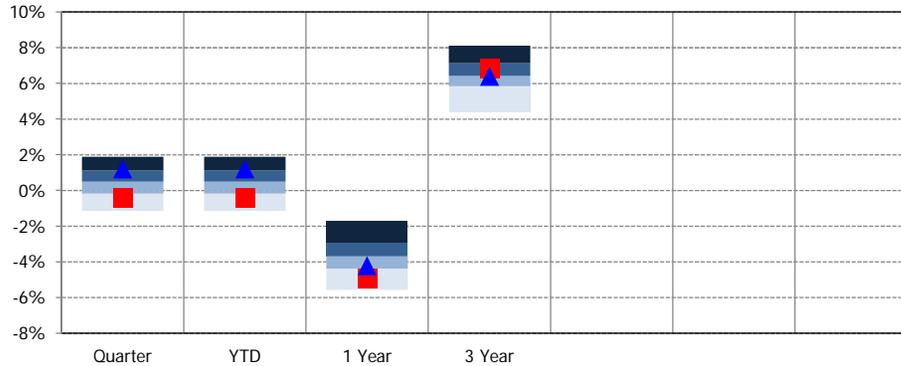
Product  
Benchmark  
+/- Benchmark  
  
Peer Group Mean Return  
Peer Ranking (1=best, 10=worst)  
Number in Universe

**Trailing Returns** Periods over one year are annualized

	Quarter	YTD	1 Years	3 Years
Product	-0.42%	-0.42%	-4.95%	6.82%
Benchmark	1.20%	1.20%	-4.23%	6.39%
+/- Benchmark	<b>-1.62%</b>	<b>-1.62%</b>	<b>-0.73%</b>	<b>0.43%</b>
Peer Group Mean Return	0.46%	0.46%	-3.67%	6.37%
Peer Ranking	<b>9</b>	<b>9</b>	<b>9</b>	<b>4</b>
Number in Universe	493	493	377	192

**Yearly Returns**

	2015	2014	2013
Product	-1.61%	7.90%	23.10%
Benchmark	-2.23%	6.19%	23.89%
+/- Benchmark	<b>0.62%</b>	<b>1.71%</b>	<b>-0.79%</b>
Peer Group Mean Return	-1.58%	5.95%	23.30%
Peer Ranking	<b>6</b>	<b>1</b>	<b>6</b>
Number in Universe	369	244	187



**Risk Characteristics**

	Product	Index
Standard Deviation	<b>10.73%</b>	10.89%
Sharpe Ratio	<b>0.66</b>	0.62
Max Drawdown	<b>-12.18%</b>	-12.47%
Length	<b>9</b>	8
Recovery		
Peak	Jun-15	Jun-15
Valley	Feb-16	Jan-16
Average Return	<b>0.60%</b>	0.57%
Average Gain	<b>2.80%</b>	2.71%
Average Loss	<b>-2.19%</b>	-2.15%
Best Qtr Gain	<b>7.62%</b>	7.41%
Worst Qtr Loss	<b>-7.67%</b>	-8.96%

**Comparison to Index**

Alpha	<b>0.58%</b>
Beta	<b>0.97</b>
R-Squared	<b>0.97</b>
Tracking Error	<b>1.80%</b>
Information Ratio	<b>0.24</b>
Treyner Ratio	<b>6.95%</b>
Up Capture	<b>99.21%</b>
Down Capture	<b>95.41%</b>

**Portfolio Information**

Portfolio Info. Date	Feb-16	Inception Date	Jan-12
% Cash	6	Number of Stocks	0
% US Stocks	55	Number of Bonds	0
% Non-US Stocks	27	Turnover Ratio %	11
% US Bonds	11	Top Ten Holdings %	78
% Non-US Bonds	2	Min Purchase \$	3,000,000
% Convertible	0	Assets \$	554,054,613
% Preferred	0	12 Month Yield %	2.04
% Other	0		

**Expenses & Fees**

Net Expense Ratio %	0.70	Dividends	Quarterly
12(b)-1 Fee %		Share Class	Inst
Front Load %		Phone	+1 212 2707325
Deferred Load %		Web	www.jpmorganfunds.com
Redemption Fee %			

Risk characteristics are calculated using a 3 year rolling window

## Quarterly Report Definitions and Explanations

### Economic and Market Review

The purpose of this report is to provide an update on the global markets and set the framework for attributing individual investment performance. The first page outlines broad U.S. economic data while the second page presents specific index and sector performance for the equity markets. This is followed by an overview of the fixed income markets, including maturity and quality performance, as well as other index measures and the Treasury Yield Curve. Finally, alternative indices and asset classes are presented.

### Executive Summary

The report is to quantitatively and qualitatively summarize, in a one page document, the investment options in your plan. The key to this is the mapping of each criterion to a **green**, **yellow** and **red** color scheme using a traffic light method. Once an initial evaluation of this page is completed, the subsequent pages can provide for a more in-depth analysis of each investment option in the plan.

The first section of this report lists, from conservative to aggressive, the asset class options in the plan. The name of the product and, if applicable, the corresponding ticker are shown for reference purposes. The second section also lists from conservative to aggressive, the balanced investment options.

### Composite Score

Using the classification, **Good**, **Adequate** or **Poor**; this first criterion incorporates up to 10 years of relative data relative to the appropriate benchmark and, if applicable, peer group. These terms are derived from the sum of a 45% weighting on risk and return criterion, 20% on modern portfolio theory figures, and 35% on various portfolio characteristics, including asset allocation and fees.

### Manager Strategy

This row is classified as **Consistent**, **Moderate** or **Inconsistent**. It is a subjective interpretation of how pure the investment is to its stated strategy over a time period up to 10 years.

### Fee Change

Using the classification, **Decrease**, **None** or **Increase**; this advises whether a fee change has taken place over the previous quarter.

### Manager/Organizational Change

This classification employs the terms **No** and **Yes**. Any material change to a manager or the organization will be reviewed with additional discussion or correspondence as warranted.

### Watch List

This classification also employs the terms **No** and **Yes**. The watch list criterion is specific to each client account and can differ among clientele.

### Investment Option Performance Report

These reports are specific to each investment option in the plan. They are supplied for those products that provide publicly available data. The primary focus of these reports is to make available in-depth statistical data for analysis and discussion. As with the Executive Summary, the key to these reports is the mapping of each criterion to a **green**, **yellow** and **red** color scheme.

### Composite Score

Using the same classification, **Good**, **Adequate** or **Poor** that is found in the Executive Summary, this criterion incorporates up to 10 years of relative performance data relative to the appropriate benchmark and, if applicable, peer group. These terms are derived from the sum of a 45% weighting on risk and return criterion, 20% on modern portfolio theory figures, and 35% on various portfolio characteristics, including asset allocation and fees.

### Return Characteristics

Within this section of the report are listed the absolute performance of the product over various trailing time periods and the previous five calendar years. Immediately below that is the return of the applicable benchmark. The third line incorporates the return of the product less the return of the benchmark. These relative performance numbers are then classified using the **green**, **yellow** and **red** color scheme.

The Peer Group Mean Return is just that, the mean performance figure of the applicable peer group listed at the top of the report over various time periods.

The Peer Ranking is on a scale of 1 to 10, with 1 representing the first decile, 2 the second decile, 3 the third decile and so forth. These figures are classified using the **green**, **yellow** and **red** color scheme.

The weights for each trailing time period are as follows:

3 years of data:	Latest Qtr - 10%, YTD - 20%, 1yr - 30%, 3yrs - 40%
5 years of data:	Latest Qtr - 5%, YTD - 10%, 1yr - 15%, 3yrs - 25%, 5yrs - 45%
7 years of data:	Latest Qtr - 5%, YTD - 7.5%, 1yr - 10%, 3yrs - 15%, 5yrs - 27.5%, 7yrs - 35%
10 years of data:	Latest Qtr - 2.5%, YTD - 5%, 1yr - 7.5%, 3yrs - 10%, 5yrs - 20%, 7yrs - 25%, 10yrs - 30%

The weights for each calendar year period are as follows:

3 years of data:	33% each year
4 years of data:	25% each year
5 years of data:	20% each year

The two charts below the relative performance data are simply graphical reproductions of that data. The product is represented by the red square, the benchmark is the blue triangle and the four shades of blue represent peer quartiles.

### Risk Characteristics

This section of the report provides various risk measures of the product and corresponding benchmark. As with other sections, this too incorporates the **green**, **yellow** and **red** color scheme.

### Annual Standard Deviation

This measures the degree of variation of returns around the average return. The higher the volatility of the investment returns, the higher the standard deviation will be.

### Sharpe Ratio

This is another return/risk measure. Return (numerator) is defined as the incremental average return of an investment over the risk free rate. Risk (denominator) is defined as the standard deviation of the investment returns. The higher the Sharpe Ratio, the better the risk adjusted performance.

### **Maximum Drawdown**

A Drawdown is any losing period over the measurement time span. It is defined as the percent retrenchment from a peak to a valley. The Maximum Drawdown is simply the largest percentage loss that has occurred during the time period.

### **Length (months)**

In terms of time, a drawdown encompasses the period from the investment's peak to its valley. The length is simply the longest drawdown over the measurement period.

### **Recovery (months)**

This is the second part (Recovery) of the drawdown period. This covers the time the investment hit its low point/valley until its new high.

### **Peak and Valley**

These dates represent the months the corresponding peak and valley occurred.

### **Quarterly Performance**

These figures simply represent the average, best and worst quarterly performance figures along with the applicable benchmark.

### **Comparison to Index**

The figures in this section represent various modern portfolio theory figures relative to the benchmark. They incorporate the **green**, **yellow** and **red** color scheme.

### **Alpha**

Alpha is a measure of value added relative to the index; the higher the Alpha, the more value being added by the portfolio manager.

### **Beta**

Beta measures the risk of the product relative to the index. It describes the sensitivity of the product to the index movements. For example, the index (the independent variable) is assigned a beta of 1.0. A portfolio which has a beta of .5 will tend to participate in broad market moves, but only half as much as the benchmark.

### **R-Squared**

Statistical measure of how well a regression approximates real data points; an r-squared of 1.0 (100%) indicates a perfect fit. The r-squared measures how closely the performance of the benchmark predicts the actual performance of the product.

### **Tracking Error**

This is a measure of the unexplained portion of the portfolio's performance relative to the benchmark. The higher the figure, the less reliance can be placed on the other statistical measures listed herein.

### **Information Ratio**

The Information Ratio is the Active Premium divided by the Tracking Error. This measure explicitly relates the degree by which the portfolio has beaten the benchmark to the consistency by which the portfolio has beaten the benchmark.

### **Treynor Ratio**

This is yet another return/risk measure. Return (numerator) is defined as the incremental average return of an investment over the risk free rate. Risk (denominator) is defined as the beta of the investment returns. The higher the Treynor Ratio, the better the risk adjusted performance.

### **Up Capture**

The Up Capture Ratio is a measure of the Investment's return when the Benchmark was up divided by the Benchmark's compound return when the Benchmark was up; the greater the value, the better.

### **Down Capture**

The Down Capture Ratio is a measure of the Investment's return when the Benchmark was down divided by the Benchmark's compound return when the Benchmark was down; the smaller the value, the better.

### **Portfolio Information**

Within this section of the report are listed various "holdings based" statistics. First off is the most currently provided asset allocation of the product followed by items such as number of securities in the product, turnover, and percent of the product held within the top 10 holdings. Also included are basic accounting items such as total assets in the product, current yield, dividend and capital gain distributions, share class, and contact information.

### **Expenses and Fees**

This final section describes the various types of fees applicable to the product. Any changes in the expense ratio will be indicated in the Executive Summary



# STRATEGIES

Capital Management

*Need investment help or more information? Plan expertise and investment guidance are made available to you at any time.*

**Contact Strategies Capital Management directly via email or phone:**

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