Performance Analysis Report

for

Miami Beach Employees' Retirement Plan

For the Period Ending September 30, 2016



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# I - Executive Summary and Overview

# Third Quarter 2016 Market Recap

Global stocks rose as expectations of further easy monetary policy outweighed concerns about the health of the global economy. Developed international stocks (MSCI EAFE) rallied, as the European Central Bank and Bank of Japan reaffirmed their commitment to using sustained low rates to bolster economic growth. Similarly, U.S. equities (S&P 500) were up as the Federal Reserve deferred increasing short-term rates to at least the end of the year. Within this low-rate outlook, Emerging Market equities (MSCI EM) gained as investors sought assets with higher risk and return potential. Additionally, the broad fixed income

Index	3Q 2016
S&P 500 Index	3.85%
MSCI EAFE Index ND	6.43%
MSCI EM (Emerging Markets) Index ND	9.03%
Barclays Aggregate Bond Index	0.46%

market (Barclays Aggregate Bond) was up slightly as rate increases were further postponed. The unemployment rate rose from 4.9% at the end of the second quarter to 5.0% at the end of the third quarter. Real GDP increased 1.4% in the second quarter after increasing 1.1% in the first quarter.

		USEquity			No	n-US Equi	ity		US F	ixed Inco	ome
	Growth	Blend	Value		ACWIex. US	EAFE	EM		High Yield	Agg	Gov't
Large	4.58	4.03	3.48	Large	6.82	6.15	9.37	Short	4.89	0.21	0.07
PIW	4.59	4.52	4.45	PIW	7.28	7.50	7.27	Interm	5.35	0.31	-0.24
Small	9.22	9.05	8.87	Small	7.91	8.64	7.60	Long	8.58	1.24	-0.29

Three month returns ending 9/30/15. US Equity indexes are Russell 1000, 1000 Value and 1000 Grow th, MidCap, MidCap, Value and MidCap Grow th; and 2000, 2000 Value and 2000 Grow th: Non-US Equity Indexes are MSCIAII Country World Index (ACWI) ex. US Large, Mid and Small Caps; MSCIEAFE Large, Mid and Small Caps, and MSCIEmerging Markets (EM) Large, Mid and Small Caps. US Fixed Income indexes are Barclays Capital (BC) High Yield 1-5 Yr, Intermediate and Long duration; BC US Agg 1-5 Yr, Interm and 10+ Yr, and BC US Govt Short, Intermediate and Long Durations.

Trying to stave off a recession, central bankers around the world continue to employ unconventional monetary policies. The Bank of Japan declared their intention to hold 10-year rates at 0% until inflation is consistently above 2%. Meanwhile, the European Central Bank hinted at another round of asset purchases, as household and business lending remained flat in the quarter. The Bank of England lowered its benchmark rate after the Brexit vote to support volatile capital markets, and the Federal Reserve opted to not increase its benchmark rate as inflation remained below its targeted level. Altogether, loose monetary policies have boosted capital markets while having a marginal effect on fundamental economic data. Unemployment in the U.S. is relatively low, but business investment, consumption, and lending data around the world remain below long-term averages. If these monetary policies take hold and increase inflation above the central banks' targeted levels, a corresponding increase in interest rates could pose a threat to the recent gains in equity and corporate debt markets. Consequently, a focus on long-term goals and objectives continues to be a prudent course, balancing downside risk at current valuations with the potential for upside performance.

# **Quarterly Overview**

# Miami Beach Employees' Retirement Plan

Asset Allocation Summary

- The Miami Beach Employees' Retirement Plan had a total market value of \$537,454,668 as of September 30, 2016, which represents an increase of \$8,926,869 from the June 30, 2016 market value of \$528,527,799.
- The overall increase in the Plan's market value was the result of -\$10.1 million in net cash flows and net investment gains of \$19.1 million.

# Third Quarter, 2016 Performance Summary Total Plan

The Employees' Retirement Plan had a return of 3.6% during the third quarter of 2016, and ranked in the 33<sup>rd</sup> percentile of the total fund universe. This return exceeded the fund benchmark return of 3.2%. (For periods up to and including the 1st quarter of 1996, the Total Fund benchmark is 50% S&P 500 and 50% Barclays Intermediate Gov't/Corp Index; from 1<sup>st</sup> quarter of 1997 through 1st quarter of 1998, the benchmark is 50% S&P 500 and 50% Barclays U.S. Aggregate Bond Index; from 1<sup>st</sup> quarter of 1999 though the 3<sup>rd</sup> quarter of 2000, the benchmark is 40% S&P 500, 7.5% S&P 400 Mid Cap, 2.5% MSCI EAFE and 50% Barclays U.S Aggregate Bond Index. From the 1st quarter 2000 through the 1<sup>st</sup> quarter of 2006 the benchmark is 45% S&P 500, 10% S&P 400 Mid Cap, 5% MSCI EAFE and 40% Barclays U.S Aggregate Bond Index. From 2<sup>nd</sup> quarter 2006 to the 1<sup>st</sup> quarter 2010, the benchmark is 45% S&P 500, 10% S&P 400 Mid Cap, 5% Russell 2000®, 7% MSCI EAFE and 33% Barclays U.S. Aggregate. From 2<sup>nd</sup> quarter 2010, the benchmark is 39% S&P 500, 8% S&P 400, 4% Russell 2000, 13% S&P ADR, 11% Barclays US Aggregate Bond Index. From the 4<sup>th</sup> quarter of 2014, the benchmark is 39% S&P 500, 8% S&P 400, 4% Russell 2000, 13% S&P ADR, 11% Barclays US Aggregate Bond Index. 20% Barclays Intermediate Aggregate, and 5% MSCI Emerging Markets. From the 4<sup>th</sup> quarter of 2015, the benchmark is 32% S&P 500, 7% S&P 400, 4% Russell 2000, 11% S&P ADR, 11% Barclays US Aggregate Bond Index, 20% Barclays Intermediate Aggregate, 5% MSCI Emerging Markets. From the 4<sup>th</sup> quarter of 2015, the benchmark is 32% S&P 500, 7% S&P 400, 4% Russell 2000, 11% S&P ADR, 11% Barclays US Aggregate Bond Index, 20% Barclays Intermediate Aggregate, 5% MSCI Emerging Markets. From the 4<sup>th</sup> quarter of 2015, the benchmark is 32% S&P 500, 7% S&P 400, 4% Russell 2000, 11% Barclays US Aggregate Bond Index, 20% Barclays Intermediate Aggregate, 5% MSCI Emerging Markets, 10% NCREIF ODCE. Beginning in the 4<sup>th</sup> quarter of 2016, the benchmark is 32% S&P 500, 7% S&P 400, 4% Russell 2000,

# Equity Portfolios

- The Rhumbline Advisors S&P 500 Index fund returned 3.8% during the quarter, which was slightly below the 3.9% return of the S&P 500.
- The PIMCO StockPlus Total Return Fund returned 4.6% in the third quarter; which was above the S&P 500 return of 3.9%.
- The Rhumbline Advisors S&P 400 Mid Cap Index portfolio had a quarter return of 4.1% which matched the S&P 400 return.
- The Rhumbline Advisors S&P 600 small capitalization index portfolio had a third quarter return of 7.2%, which matched the performance of the S&P 600 Small Cap Index.

Fixed Income Portfolios

- The Rhumbline Barclays U.S. Aggregate bond fund returned 0.4% in the third quarter. This return was slightly below the Barclays U.S. Aggregate Index return of 0.5% and ranked in the 81<sup>st</sup> percentile.
- The Wellington fixed income portfolio returned 1.3% during the quarter, which was above the 0.3% return of the Wellington Benchmark and ranked in the 21st percentile.

# International Equity Portfolios

- The Rhumbline ADR portfolio was liquidated in the 3<sup>rd</sup> quarter, with the proceeds being transferred to the Wellington International Quality Growth portfolio. Performance analytics will be available beginning Q4 2016. Emerging Markets
- DFA returned 8.1% in the third quarter, preforming below the 9.0% return of the MSCI Emerging Markets Benchmark. This return ranked in the 65<sup>th</sup> percentile of emerging markets equity portfolios.

Real Estate

• The JP Morgan Strategic Property Fund had a third quarter return of 1.8%, which was below the ODCE Index return of 2.1%.

# II - Asset Allocation and Asset Growth Review Comments on Asset Allocation

• The Miami Beach Employees' Retirement Plan had a total market value of \$537,454,668 as of September 30, 2016, which represents an increase of \$8,926,869 from the June 30, 2016 market value of \$528,527,799.

# Net Contributions/Withdrawals

Net cash flows totaled approximately -\$10.1 million during the third quarter. The Rhumbline Advisors S&P 500 had a withdrawal of \$5.7 million, the Rhumbline 400 had a withdrawal of \$1.7 million, the Rhumbline 600 had a withdrawal of \$2.0 million, the trust account had a net contribution of \$243,000, and the net decrease between the liquidation of the Rhumbline ADR portfolio and the funding of the Wellington International Quality Growth portfolio was roughly \$1.0 million.

### Investment Gains/Losses

• During the third quarter of 2016, the Retirement Plan experienced a net investment gain of approximately \$19.1 million. The Retirement Plan's domestic equity managers posted a third quarter investment gain of \$9.8 million; the international equity portfolios posted a gain of \$6.6 million. The fixed income managers posted a gain of \$1.6 million, and the Real Estate manager posted a gain of \$1.1 million.

# Current Actual Asset Allocation

• As shown in the Actual & Target Asset Allocation table, as of September 30, 2016, the Retirement Plan had an allocation of 30.7% to the large cap domestic equity managers, 7.0% to mid cap equity, 4.0% to small cap equity, 30.2% to domestic fixed income, 11.0% to international equity, 5.4% to emerging markets, 11.5% to Real Estate, and 0.1% to cash equivalents.

# III - Performance Review Comments on Investment Manager Performance

# **Total Fund Performance**

- The Employees' Retirement Plan had a return of 3.6% during the third quarter of 2016, and ranked in the 33<sup>rd</sup> percentile of the total fund universe. This return was above the benchmark return of 3.2%.
- Over the past year, the Retirement Plan's return of 11.3% is above the 10.6% return of the Plan's benchmark and ranked in the 19<sup>th</sup> percentile in the universe of total funds.
- Total Plan returns were above or matching the benchmark over all periods.
- Since inception (January 1994) the Plan has returned 8.0% versus 7.7% for the total fund benchmark.

# Equity Portfolio Performance

Rhumbline Advisors – S&P 500

- The Rhumbline Advisors' S&P 500 Index portfolio returned 3.8% in the quarter and slightly trailed the 3.9% return of the S&P 500 while ranking in the 83<sup>rd</sup> percentile of passive large cap equity managers.
- Over the past year, the portfolio has returned 15.3%, slightly trailing the 15.4% return of the S&P 500, and ranked in the 85<sup>th</sup> percentile.
- Longer term performance results are similar to the index, which extend to April, 1997.

# PIMCO StockPlus Total Return

PIMCO StockPlus portfolio returned 4.6%, which was above the S&P 500 index return of 3.9%. PIMCO's third quarter performance ranked in the 35<sup>th</sup> percentile in the universe of large cap core equity portfolios. For the one year period, PIMCO returned 18.4% versus the S&P 500 at 15.4% and ranked in the 6<sup>th</sup> percentile. Over the past two years, PIMCO has returned 6.6% versus the benchmark of 7.1% and ranked in the 42<sup>nd</sup> percentile. Three year results for PIMCO were 11.7%, versus 11.2% for the S&P 500. This return ranked in the 20<sup>th</sup> percentile.

# Rhumbline Advisors – S&P 400 Mid Cap

- The Mid Cap index portfolio managed by Rhumbline returned 4.1% in the third quarter, matching the return of the S&P 400 Mid Cap benchmark. The third quarter return ranked in the 99<sup>th</sup> percentile of passive Mid Cap equity managers.
- Over the past year, the portfolio has returned 15.3%, matching the index return, and ranked in the 66<sup>th</sup> percentile.
- Longer term results are comparable to the index, which begin in June 1998.

# Rhumbline Advisors – S&P 600 Small Cap

- The Rhumbline Advisors' small cap index portfolio returned 7.2% in the third quarter, matching the return of the S&P 600 Small Cap benchmark. The third quarter return ranked in the 93<sup>rd</sup> percentile of passive small cap equity managers. Over the past year the fund returned 18.0%, slightly below the benchmark return of 18.1% and ranking in the 26<sup>th</sup> percentile.
- Longer term results are similar to the Index, which extend to January, 2007.

# Fixed Income Portfolio Performance

Rhumbline Barclays U.S. Aggregate

- The Rhumbline fixed income index account returned 0.4% in the quarter, slightly below the Barclays U.S. Aggregate return of 0.5% and ranked in the 81st percentile of fixed income portfolios.
- Over the past year, the account has returned 5.0%, slightly below the 5.2% return of the Barclays U.S. Aggregate and ranking in the 82<sup>nd</sup> percentile of fixed income portfolios.
- Longer term results match the index and extend to July 2007.

# Wellington Management

- The Wellington Management portfolio's third quarter return of 1.3% was above the benchmark return of 0.3% and ranked in the 21<sup>st</sup> percentile in the universe of fixed income portfolios. (For periods up to and including 1<sup>st</sup> quarter 1997, the Barclays Intermediate Gov't/Corp. Bond Index is the benchmark, and for subsequent periods through the 1<sup>st</sup> Quarter of 2013, the benchmark is the Barclays U.S. Aggregate Bond Index. Starting during the 2<sup>nd</sup> quarter of 2014, the benchmark became the Barclays Capital Intermediate Aggregate Bond Index).
- Over the past year, Wellington's return of 5.1% was above the 3.6% return of the benchmark and ranked in the 67<sup>th</sup> percentile. Two year results also exceed the benchmark.
- Longer term results exceed or equal the benchmark, which extend back to October, 1993.

# International Equity Portfolio Performance

Rhumbline Advisors

• Rhumbline's ADR portfolio was liquidated in the third quarter. The proceeds were transitioned into the Wellington International Quality Growth portfolio.

# Dimensional Fund Advisors

- DFA's Emerging Market Core equity portfolio returned 8.1% during the third quarter, underperforming the 9.0% return of the MSCI Emerging Markets benchmark, and ranking in the 65<sup>th</sup> percentile.
- One year results are 18.9% versus 16.8% for the benchmark, and rank in the 44<sup>th</sup> percentile. Since inception results are also better than the benchmark (-1.8% vs. -3.6%).

# Wellington International Quality Growth

• The proceeds from the Rhumbline ADR liquidation were moved into the Wellington International Quality Growth portfolio as of 8/1/2016.

# Real Estate Portfolio Performance

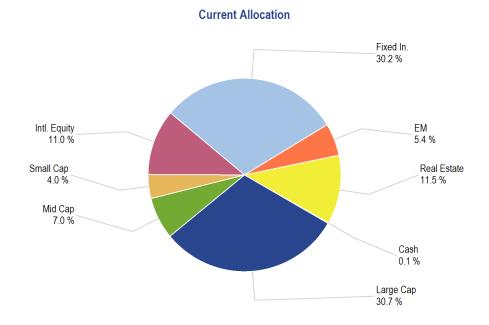
JP Morgan

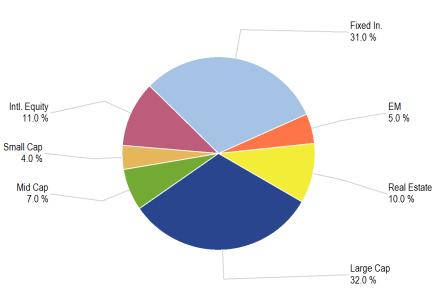
• The JP Morgan Strategic Property fund had a third quarter return of 1.8%, which was below the return of the NCREIF ODCE benchmark of 2.1%. Returns since inception, August 2015, are 9.7%, versus the NCREIF ODCE benchmark of 10.8%.

### Investment Management Fee Summary

• In the third quarter of 2016, investment management fees reduced performance for all Rhumbline Advisor accounts by approximately 1 bp, Pimco by 8 bps, Wellington by 7 bps, JP Morgan by 25 bps, and DFA by 16 bps. These results are similar to previous quarters and are as expected.

# Actual & Target Asset Allocation as of September 30, 2016





### Target Allocation

### Allocation vs. Targets and Policy

	Current Balance	Current Allocation	Policy	Difference	Policy Range
Large Cap	\$164,989,460	30.7%	32.0%	-\$6,996,033	0.0% - 60.0%
Mid Cap	\$37,733,334	7.0%	7.0%	\$111,507	0.0% - 10.0%
Small Cap	\$21,390,770	4.0%	4.0%	-\$107,416	0.0% - 5.0%
Intl. Equity	\$59,378,709	11.0%	11.0%	\$258,696	0.0% - 25.0%
Fixed In.	\$162,270,704	30.2%	31.0%	-\$4,340,244	0.0% - 100.0%
EM	\$29,014,119	5.4%	5.0%	\$2,141,386	0.0% - 10.0%
Real Estate	\$61,908,043	11.5%	10.0%	\$8,162,576	0.0% - 15.0%
Cash	\$769,528	0.1%	0.0%	\$769,528	0.0% - 100.0%
Total	\$537,454,668	100.0%	100.0%		

# Asset Allocation by Manager As of 9/30/16

	Total Market Value	% of Portfolio	Large Cap	Mid Cap	Small Cap	Intl. Equity	Fixed In.	EM	Real Estate	Cash
Large Cap										
Rhumbline 500	\$101,767,556	18.9%	\$101,767,556							
PIMCO StocksPlus Total Return	\$63,221,904	11.8%	\$63,221,904							
Mid Cap										
Rhumbline 400	\$37,733,334	7.0%		\$37,733,334						
Small Cap										
Rhumbline 600	\$21,390,770	4.0%			\$21,390,770					
Intl. Equity										
Wellington International Quality Growth	\$59,308,461	11.0%				\$59,308,461				
WHV	\$70,249	0.0%				\$70,249				
Fixed In.										
Rhumbline Aggregate	\$54,083,544	10.1%					\$54,083,544			
Wellington Management	\$108,187,159	20.1%					\$108,187,159			
EM										
Dimensional Fund Advisors	\$29,014,119	5.4%						\$29,014,119		
Real Estate										
JP Morgan Strategic Property Fund	\$61,908,043	11.5%							\$61,908,043	
Cash										
Trust Account	\$769,528	0.1%								\$769,528
Total	\$537,454,668	100.0%	\$164,989,460	\$37,733,334	\$21,390,770	\$59,378,709	\$162,270,704	\$29,014,119	\$61,908,043	\$769,528
Percent of Total			30.7%	7.0%	4.0%	11.0%	30.2%	5.4%	11.5%	0.1%
Difference from Target (%)			-1.3%	0.0%	0.0%	0.0%	-0.8%	0.4%	1.5%	0.1%
Difference from Target (\$)			-\$6,996,033	\$111,507	-\$107,416	\$258,696	-\$4,340,244	\$2,141,386	\$8,162,576	\$769,528

	Qua	arterly Cash Flo	w Summary E	nding Sep 30, 20	16			
	Beginning Market Value	Withdrawals	Contributions	Net Cash Flow	Fees	Net Investment Change	Ending Market Value	Quarter Return
Rhumbline 500	\$103,504,474	-\$5,701,700	\$0	-\$5,701,700	-\$10,294	\$3,964,782	\$101,767,556	3.8%
PIMCO StocksPlus Total Return	\$60,506,913	\$0	\$0	\$0	-\$46,778	\$2,714,991	\$63,221,904	4.6%
Rhumbline 400	\$37,862,451	-\$1,700,071	\$0	-\$1,700,071	-\$3,840	\$1,570,954	\$37,733,334	4.1%
Rhumbline 600	\$21,860,423	-\$2,000,260	\$0	-\$2,000,260	-\$2,255	\$1,530,608	\$21,390,770	7.2%
Rhumbline Aggregate	\$53,891,967	\$0	\$0	\$0	-\$5,413	\$191,578	\$54,083,544	0.4%
Wellington Management	\$106,760,393	\$0	\$0	\$0	-\$78,929	\$1,426,766	\$108,187,159	1.3%
Rhumbline ADR	\$55,867,787	-\$58,724,769	\$0	-\$58,724,769	-\$2,076	\$2,856,982		
Dimensional Fund Advisors	\$26,871,293	\$0	\$0	\$0	-\$45,146	\$2,142,827	\$29,014,119	8.1%
Wellington International Quality Growth		\$0	\$57,743,152	\$57,743,152	-\$36,292	\$1,565,309	\$59,308,461	
WHV	\$70,249	\$0	\$0	\$0	-\$176	\$0	\$70,249	0.0%
JP Morgan Strategic Property Fund	\$60,805,779	\$0	\$0	\$0	-\$153,794	\$1,102,264	\$61,908,043	1.8%
Trust Account	\$526,071	-\$1,753,719	\$1,997,125	\$243,406	\$0	\$51	\$769,528	0.0%
Total	\$528,527,799	-\$69,880,519	\$59,740,277	-\$10,140,242	-\$384,993	\$19,067,111	\$537,454,668	3.6%

# Summary of Cash Flows Ending Sep 30, 2016

	Third Quarter	One Year	Three Years	Five Years	Seven Years	Ten Years
Beginning Market Value	\$528,527,799	\$493,278,016	\$466,182,713	\$361,667,887	\$348,458,216	\$251,577,679
Withdrawals	-\$69,880,519	-\$132,157,908	-\$447,183,140	-\$646,595,639	-\$756,632,058	-\$884,318,096
Fees	-\$384,993	-\$1,362,834	-\$2,815,652	-\$4,413,776	-\$5,761,319	-\$7,903,711
Contributions	\$59,740,277	\$120,717,492	\$415,338,834	\$537,270,715	\$592,897,356	\$746,363,550
Net Cash Flow	-\$10,140,242	-\$11,440,416	-\$31,844,306	-\$109,324,924	-\$163,734,702	-\$137,954,546
Net Investment Change	\$19,067,111	\$55,617,068	\$103,116,261	\$285,111,705	\$352,731,154	\$423,831,536
Ending Market Value	\$537,454,668	\$537,454,668	\$537,454,668	\$537,454,668	\$537,454,668	\$537,454,668
Net Change	\$8,926,869	\$44,176,652	\$71,271,955	\$175,786,781	\$188,996,452	\$285,876,989

# Cumulative Performance Results by Manager - Before Fees Ending September 30, 2016

	3 Mo	Rank	Fiscal YTD	Rank	1 Yr	Rank	2 Yrs	Rank	3 Yrs	Rank	4 Yrs	Rank	5 Yrs	Rank	7 Yrs	Rank	10 Yrs	Rank	Return	Since
Total Fund	3.6%	33	11.3%	19	11.3%	19	4.9%	46	6.9%	33	8.4%	29	10.7%	17	9.0%	26	6.3%	22	8.0%	Jan-94
Fund Benchmark	3.2%	60	10.6%	32	10.6%	32	4.1%	69	6.3%	54	8.3%	33	10.4%	24	9.0%	27	6.1%	31	7.7%	Jan-94
InvestorForce All DB Gross Median	3.3%		9.8%		9.8%		4.8%		6.4%		7.8%		9.5%		8.4%		5.7%		7.6%	Jan-94
Domestic Equity																				
Large Cap Equity																				
Rhumbline 500	3.8%	83	15.3%	85	15.3%	85	7.1%	91	11.1%	74	13.1%	79	16.3%	87	13.2%	75	7.3%	21	7.6%	Apr-97
S&P 500	3.9%	61	15.4%	42	15.4%	42	7.1%	69	11.2%	46	13.2%	45	16.4%	32	13.2%	50	7.2%	83	7.5%	Apr-97
eA US Passive S&P 500 Equity Gross Median	3.9%		15.4%		15.4%		7.1%		11.2%		13.2%		16.4%		13.2%		7.3%		7.6%	Apr-97
PIMCO StocksPlus Total Return	4.6%	35	18.4%	6	18.4%	6	6.6%	42	11.7%	20									14.1%	Jan-13
S&P 500	3.9%	49	15.4%	17	15.4%	17	7.1%	35	11.2%	31	13.2%	41	16.4%	37	13.2%	42	7.2%	69	14.2%	Jan-13
eA US Large Cap Core Equity Gross Median	3.8%		12.7%		12.7%		6.2%		10.4%		12.8%		15.9%		12.9%		7.6%		13.8%	Jan-13
Mid Cap Equity																				
Rhumbline 400	4.1%	99	15.3%	66	15.3%	66	8.1%	35	9.3%	56	13.6%	66	16.4%	83	13.9%	82	9.1%	40	9.9%	Jun-98
S&P 400 MidCap	4.1%	70	15.3%	37	15.3%	37	8.1%	21	9.4%	44	13.7%	40	16.5%	45	14.0%	65	9.1%	48	9.8%	Jun-98
eA US Passive Mid Cap Equity Gross Median	4.2%		15.3%		15.3%		8.1%		9.3%		13.7%		16.5%		14.0%		9.1%		9.9%	Jun-98
Small Cap Equity																				
Rhumbline 600	7.2%	93	18.0%	26	18.0%	26	10.7%	3	9.1%	1	14.3%	4	17.8%	12	14.6%	11			8.1%	Jan-07
S&P 600 SmallCap	7.2%	92	18.1%	15	18.1%	15	10.7%	1	9.0%	1	14.3%	2	17.9%	4	14.6%	4	8.7%	14	8.1%	Jan-07
eA US Passive Small Cap Equity Gross Median	8.9%		15.5%		15.5%		8.2%		7.0%		12.8%		16.3%		13.4%		8.3%		7.6%	Jan-07

# Cumulative Performance Results by Manager - Before Fees Ending September 30, 2016

	3 Mo	Rank	Fiscal YTD	Rank	1 Yr	Rank	2 Yrs I	Rank	3 Yrs	Rank	4 Yrs	Rank	5 Yrs	Rank	7 Yrs	Rank	10 Yrs	Rank	Return	Since
Fixed Income																				
Rhumbline Aggregate Barclays Aggregate eA US Core Fixed Inc Gross	0.4% 0.5% 0.7%	81 73	5.0% 5.2% 5.7%	82 76	5.0% 5.2% 5.7%	82 76	4.1% 4.1% 4.3%	73 76	4.1% 4.0% 4.4%	80 81	2.6% 2.6% 3.0%	82 82	3.0% 3.1% 3.8%	91 90	4.1% 4.1% 4.7%	86 87	 4.8% 5.3%	 89	4.9% 4.9% 5.5%	Jul-07 Jul-07 Jul-07
Median		0.1		~-		~-		~~~				- 4				10		10		
Wellington Management Wellington Benchmark Barclays Aggregate	1.3% 0.3% 0.5%	21 91 81	5.1% 3.6% 5.2%	67 92 64	5.1% 3.6% 5.2%	67 92 64	3.5% 3.3% 4.1%	69 78 29	3.4% 3.3% 4.0%	80 85 50	2.4% 2.0% 2.6%	74 91 59	3.4% 2.6% 3.1%	68 93 81	4.9% 4.4% 4.1%	43 66 79	5.1% 4.7% 4.8%	49 69 65	5.7% 5.7% 5.5%	Oct-93 Oct-93 Oct-93
Intermediate-Term Bond MStar MF Median	1.0%		5.5%		5.5%		3.8%		4.0%		2.7%		3.7%		4.8%		5.0%		5.3%	Oct-93
International Equity																				
Dimensional Fund Advisors MSCI Emerging Markets eA Emg Mkts Equity Gross Median	8.1% 9.0% 8.8%	65 47	18.9% 16.8% 18.1%	44 59	18.9% 16.8% 18.1%	44 59	 -2.9% -1.2%	 75	 -0.6% 1.2%	 81	 -0.2% 2.1%	 86	 3.0% 5.1%	 88	 2.3% 4.2%	 87	 3.9% 5.4%	 83	-1.8% -3.6% -1.8%	Nov-14 <i>Nov-14</i> <i>Nov-14</i>
Wellington International Quality Growth																			2.7%	Aug-16
MSCI ACWI ex USA Growth	6.1%		11.5%		11.5%		1.2%		2.2%		5.5%		7.4%		5.2%		3.1%		1.6%	Aug-16
Real Estate																				
JP Morgan Strategic Property Fund	1.8%		8.9%		8.9%														9.7%	Aug-15
NCREIF (ODCE) Index	2.1%		10.1%		10.1%		12.5%		12.4%		12.6%		12.4%		12.4%		6.0%		10.8%	Aug-15

\*As of 4/1/2014 the Wellington Benchmark is the Barclays Capital Intermediate Aggregate Bond Index. For previous quarters the benchmark is the Barclays U.S. Aggregate Bond Index.

# Calendar Year Performance by Manager - Before Fees Ending September 30, 2016

	2015 (%)	2014 (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006 (%)
Total Fund	-0.5	7.0	17.5	13.2	-0.8	14.5	24.9	-26.0	8.6	11.5
Fund Benchmark	-1.4	6.8	19.6	13.0	1.3	13.6	21.5	-24.6	6.4	11.3
Domestic Equity Large Cap Equity										
Rhumbline 500	1.3	13.7	32.3	15.9	2.1	15.1	26.4	-36.6	5.6	15.9
S&P 500	1.4	13.7	32.4	16.0	2.1	15.1	26.5	-37.0	5.5	15.8
PIMCO StocksPlus Total Return	-1.2	16.2	30.7							10.0
S&P 500	1.4	13.7	32.4	16.0	2.1	15.1	26.5	-37.0	5.5	15.8
Mid Cap Equity	1.7	10.1	02.4	10.0	2.1	10.1	20.0	07.0	0.0	10.0
Rhumbline 400	-2.1	9.8	33.4	17.5	-1.7	26.6	37.4	-35.9	8.0	10.2
S&P 400 MidCap	-2.2	9.8	33.5	17.9	-1.7	26.6	37.4	-36.2	8.0	10.3
Small Cap Equity										
Rhumbline 600	-1.9	5.8	41.2	16.2	1.1	26.2	25.3	-30.8	-0.2	
S&P 600 SmallCap	-2.0	5.8	41.3	16.3	1.0	26.3	25.6	-31.1	-0.3	15.1
Fixed Income										
Rhumbline Aggregate	0.7	6.1	-2.1	3.9	7.7	6.9	6.5	4.7		
Barclays Aggregate	0.6	6.0	-2.0	4.2	7.8	6.5	5.9	5.2	7.0	4.3
Wellington Management	0.3	4.2	-1.0	6.9	7.9	8.9	14.5	-3.3	6.3	4.6
Wellington Benchmark	1.2	4.6	-2.0	4.2	11.3	7.7	3.1	7.7	6.6	2.3
International Equity										
Dimensional Fund Advisors	-14.4									
MSCI Emerging Markets	-14.9	-2.2	-2.6	18.2	-18.4	18.9	78.5	-53.3	39.4	32.2
Wellington International Quality Growth										
MSCI ACWI ex USA Growth	-1.3	-2.6	15.5	16.7	-14.2	14.5	38.7	-45.6	21.0	23.6
Real Estate										
JP Morgan Strategic Property Fund	-									
NCREIF (ODCE) Index	15.0	12.5	14.0	10.9	16.0	16.4	-29.8	-10.0	16.0	16.3

# Analysis of Manager's Value Added Performance vs. Market Indexes

	3 Mo F	iscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Total Fund	3.6	11.3	11.3	4.9	6.9	8.4	10.7	9.0	6.3
Fund Benchmark	<u>3.2</u>	<u>10.6</u>	<u>10.6</u>	<u>4.1</u>	<u>6.3</u>	<u>8.3</u>	<u>10.4</u>	<u>9.0</u>	<u>6.1</u>
Over/Under	0.4	0.7	0.7	0.8	0.6	0.1	0.3	0.0	0.2
Domestic Equity									
Large Cap Equity									
Rhumbline 500	3.8	15.3	15.3	7.1	11.1	13.1	16.3	13.2	7.3
S&P 500	<u>3.9</u>	<u>15.4</u>	<u>15.4</u>	<u>7.1</u>	<u>11.2</u>	<u>13.2</u>	<u>16.4</u>	<u>13.2</u>	<u>7.2</u>
Over/Under	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.1
PIMCO StocksPlus Total Return	4.6	18.4	18.4	6.6	11.7				
S&P 500	<u>3.9</u>	<u>15.4</u>	<u>15.4</u>	<u>7.1</u>	<u>11.2</u>	<u>13.2</u>	<u>16.4</u>	<u>13.2</u>	<u>7.2</u>
Over/Under	0.7	3.0	3.0	-0.5	0.5				
Mid Cap Equity									
Rhumbline 400	4.1	15.3	15.3	8.1	9.3	13.6	16.4	13.9	9.1
S&P 400 MidCap	<u>4.1</u>	<u>15.3</u>	<u>15.3</u>	<u>8.1</u>	<u>9.4</u>	<u>13.7</u>	<u>16.5</u>	<u>14.0</u>	<u>9.1</u>
Over/Under	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0
Small Cap Equity		10.0	40.0	40.7	0.4	44.0	47.0	44.0	
Rhumbline 600	7.2	18.0	18.0	10.7	9.1	14.3	17.8	14.6	
S&P 600 SmallCap	<u>7.2</u>	<u>18.1</u>	<u>18.1</u>	<u>10.7</u>	<u>9.0</u>	<u>14.3</u>	<u>17.9</u>	<u>14.6</u>	<u>8.7</u>
Over/Under	0.0	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.0	
Fixed Income	0.4	5.0	F 0	4.4	4.4	0.0	3.0	4.4	
Rhumbline Aggregate	0.4 <u>0.5</u>	5.0 <u>5.2</u>	5.0 <u>5.2</u>	4.1 <u>4.1</u>	4.1 <u>4.0</u>	2.6 <u>2.6</u>	3.0 <u>3.1</u>	4.1 <u>4.1</u>	<u>4.8</u>
Barclays Aggregate Over/Under	<u>0.5</u> -0.1	<u>-0.2</u>	<u>-0.2</u>	<u>4.1</u> 0.0	<u>4.0</u> 0.1	<u>2.0</u> 0.0	<u>3.1</u> -0.1	<u>4.1</u> 0.0	<u>4.0</u>
Wellington Management	-0.1	-0.2 5.1	-0.2 5.1	0.0 3.5	0.1 3.4	0.0 2.4	-0.1	0.0 4.9	5.1
Weilington Benchmark	0.3	<u>3.6</u>	<u>3.6</u>	3.5 <u>3.3</u>	3.4 <u>3.3</u>	2.4 <u>2.0</u>	3.4 <u>2.6</u>	4.9 <u>4.4</u>	5.1 <u>4.7</u>
Over/Under	<u>0.3</u> 1.0	<u>3.0</u> 1.5	<u>5.0</u> 1.5	<u>0.3</u> 0.2	<u>5.5</u> 0.1	<u>2.0</u> 0.4	<u>2.0</u> 0.8	<u>4.4</u> 0.5	<u>4.7</u> 0.4
International Equity	1.0	1.5	1.5	0.2	0.1	0.4	0.0	0.5	0.4
Dimensional Fund Advisors	8.1	18.9	18.9						
MSCI Emerging Markets	<u>9.0</u>	<u>16.8</u>	<u>16.8</u>	-2.9	-0.6	<u>-0.2</u>	<u>3.0</u>	<u>2.3</u>	<u>3.9</u>
Over/Under	-0.9	2.1	2.1	2.0		0.2	0.0	2.0	0.0
Wellington International Quality Growth									
MSCI ACWI ex USA Growth	<u>6.1</u>	<u>11.5</u>	<u>11.5</u>	<u>1.2</u>	<u>2.2</u>	<u>5.5</u>	<u>7.4</u>	<u>5.2</u>	<u>3.1</u>
Over/Under	<u></u>	11.0	11.0	<u></u>		0.0	<u></u>	<u>0.</u>	<u>0.1</u>
Real Estate									
JP Morgan Strategic Property Fund	1.8	8.9	8.9						
NCREIF (ODCE) Index	<u>2.1</u>	<u>10.1</u>	<u>10.1</u>	<u>12.5</u>	<u>12.4</u>	<u>12.6</u>	<u>12.4</u>	<u>12.4</u>	<u>6.0</u>
Over/Under	-0.3	-1.2	-1.2						

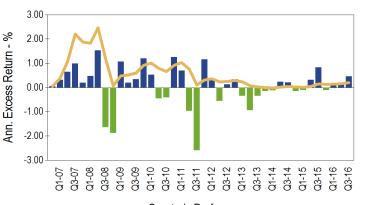
# Cumulative Performance Results by Manager - Net of Fees Ending September 30, 2016

					J		0 1		-,
	3 Mo F	iscal YTD	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	7 Yrs	10 Yrs
Total Fund	3.6%	11.0%	11.0%	4.7%	6.7%	8.2%			
Fund Benchmark	3.2%	10.6%	10.6%	4.1%	6.3%	8.3%	10.4%	9.0%	6.1%
Domestic Equity									
Large Cap Equity									
Rhumbline 500 S&P 500	3.8% 3.9%	15.3% 15.4%	15.3% 15.4%	7.0% 7.1%	11.1% <i>11.2%</i>	13.1% <i>13.2%</i>	16.3% 16.4%	13.1% <i>13.2%</i>	7.3% 7.2%
PIMCO StocksPlus Total Return S&P 500	4.5% 3.9%	18.1% <i>15.4%</i>	18.1% 15.4%	6.4% 7.1%	11.4% <i>11.2%</i>	 13.2%	 16.4%	 13.2%	- 7.2%
Mid Cap Equity									
Rhumbline 400 S&P 400 MidCap	4.1% 4.1%	15.2% 15.3%	15.2% 15.3%	8.1% 8.1%	9.3% 9.4%	13.6% 13.7%	16.4% 16.5%	13.8% <i>14.0%</i>	9.1% 9.1%
Small Cap Equity									
Rhumbline 600 S&P 600 SmallCap	7.2% 7.2%	18.0% 18.1%	18.0% 18.1%	10.7% 10.7%	9.0% 9.0%	14.2% 14.3%	17.7% 17.9%	14.5% <i>14</i> .6%	- 8.7%
Fixed Income									
Rhumbline Aggregate Barclays Aggregate	0.3% 0.5%	5.0% 5.2%	5.0% 5.2%	4.0% 4.1%	4.0% 4.0%	2.5% 2.6%	3.0% 3.1%	4.1% <i>4.1%</i>	- 4.8%
Wellington Management Wellington Benchmark Barclays Aggregate	1.3% 0.3% 0.5%	4.8% 3.6% 5.2%	4.8% 3.6% 5.2%	3.2% 3.3% 4.1%	3.1% 3.3% 4.0%	2.1% 2.0% 2.6%	3.1% 2.6% 3.1%	4.6% 4.4% 4.1%	4.8% 4.7% 4.8%
International Equity									
Dimensional Fund Advisors MSCI Emerging Markets	8.0% 9.0%	18.1% 16.8%	18.1% 16.8%	 -2.9%	 -0.6%	 -0.2%	 3.0%	 2.3%	
Wellington International Quality Growth MSCI ACWI ex USA Growth	 6.1%	 11.5%	 11.5%	 1.2%	 2.2%	 5.5%	 7.4%	 5.2%	- 3.1%
Real Estate									
JP Morgan Strategic Property Fund NCREIF (ODCE) Index	1.6% 2.1%	7.8% 10.1%	7.8% 10.1%	 12.5%	 12.4%	 12.6%	 12.4%	 12.4%	 6.0%

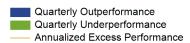
# **Total Fund Performance & Charateristics**

#### Characteristics

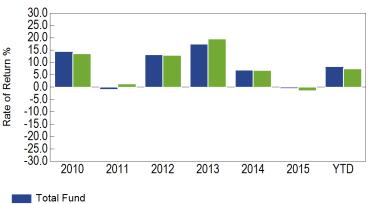
Annualized Excess Performance



#### Quarterly Performance



#### Return Summary Ending September 30, 2016



Fund Benchmark

Top Holdings
APPLE
MICROSOFT
EXXON MOBIL
AMAZON.COM
JOHNSON & JOHNSON
FACEBOOK CLASS A
BERKSHIRE HATHAWAY 'B'
GENERAL ELECTRIC
AT&T
JP MORGAN CHASE & CO.

1.74%

1.28%

1.03%

0.94% 0.92%

0.85%

0.78%

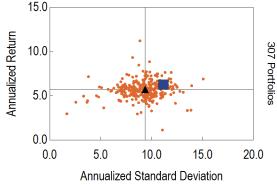
0.76%

0.71%

0.69%

Small Cap. (%)

#### Annualized Return vs. Annualized Standard Deviation 10 Years Ending September 30, 2016



#### Total Fund

- Fund Benchmark
- Universe Median
- InvestorForce All DB Gross

		Portfolio	Russell 3000
	Number of Holdings	5,806	2,955
	Weighted Avg. Market Cap. (\$B)	77.69	112.31
	Median Market Cap. (\$B)	0.81	1.45
	Price To Earnings	23.20	22.87
	Price To Book	4.05	3.83
	Price To Sales	3.10	3.13
	Return on Equity (%)	16.76	16.71
	Yield (%)	2.02	1.98
	Beta	0.61	1.00
	R-Squared	0.89	1.00
	INDUSTRY SECTOR DISTRIBUTION (% Ed	quity)	
	Energy	5.91	6.73
	Materials	5.12	3.33
	Industrials	11.55	10.26
	Consumer Discretionary	12.32	12.77
	Consumer Staples	7.76	8.78
	Health Care	11.40	14.15
	Financials	14.66	13.38
	Information Technology	19.54	20.61
	Telecommunication Services	2.24	2.42
	Utilities	3.83	3.30
	Real Estate	5.30	4.27
	HISTORICAL GROWTH MEASURES		
N N	Dividends/Share-5 Yrs.	10.01	15.47
9 9	Book Value Growth-5 Yrs.	6.58	5.81
207 Dortfolios	EPS Growth 1 Yr (\$ Wtd. Median)	13.03	17.90
2	EPS Growth 5 Yrs (\$ Wtd. Median)	8.97	9.34
,	Sales/Growth-1 Yr	7.61	6.76
	Sales/Growth-5 Yrs.	7.82	7.28
	COMPANY SIZE DISTRIBUTION		
	Weighted Ave. Market Cap. (\$B)	77.69	112.31
	Median Market Cap. (\$B)	0.81	1.45
	Large Cap. (%)	28.22	41.38
	Medium/Large Cap. (%)	18.87	26.20
	Medium Cap. (%)	15.42	16.73
	Medium/Small Cap. (%)	20.55	9.57

6.11

16.94

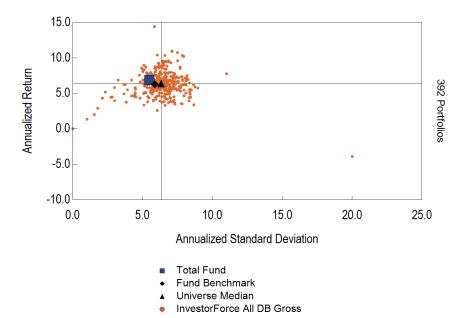
	3 Mo	Rank	Fiscal YTD	Rank	1 Yr	Rank	2 Yrs	Rank	3 Yrs	Rank	4 Yrs	Rank	5 Yrs	Rank	7 Yrs	Rank	10 Yrs	Rank
Total Fund	3.6%	33	11.3%	19	11.3%	19	4.9%	46	6.9%	33	8.4%	29	10.7%	17	9.0%	26	6.3%	22
Fund Benchmark	3.2%	60	10.6%	32	10.6%	32	4.1%	69	6.3%	54	8.3%	33	10.4%	24	9.0%	27	6.1%	31
InvestorForce All DB Gross Median	3.3%		9.8%		9.8%		4.8%		6.4%		7.8%		9.5%		8.4%		5.7%	

### Ending September 30, 2016

### Ending September 30, 2016

	YTD	Rank	Fiscal YTD	Rank	2015	Rank	2014	Rank	2013	Rank	2012	Rank	2011	Rank	2010	Rank	2009	Rank	2008	Rank
Total Fund	8.3%	19	11.3%	19	-0.5%	54	7.0%	42	17.5%	29	13.2%	34	-0.8%	84	14.5%	18	24.9%	15	-26.0%	66
Fund Benchmark	7.5%	31	10.6%	32	-1.4%	73	6.8%	46	19.6%	15	13.0%	38	1.3%	49	13.6%	36	21.5%	34	-24.6%	54
InvestorForce All DB Gross Median	6.8%		9.8%		-0.3%		6.5%		14.9%		12.4%		1.2%		12.9%		18.8%		-24.1%	

Three and Five Year Risk/Reward

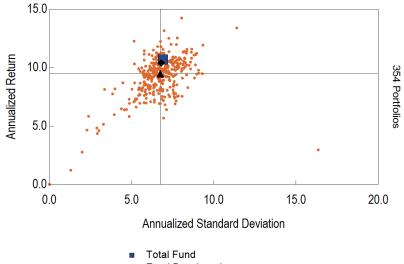


### Annualized Return vs. Annualized Standard Deviation 3 Years Ending September 30, 2016

# Risk vs. Return for 3 Years Ending September 30, 2016

Rank within InvestorForce All DB Gross	Annualized Return	Percentile Rank	Standard Deviation
Total Fund	6.9%	33	5.5%
Fund Benchmark	6.3%	54	5.9%
Median for this Universe	6.4%		6.3%

#### Annualized Return vs. Annualized Standard Deviation 5 Years Ending September 30, 2016



Fund Benchmark

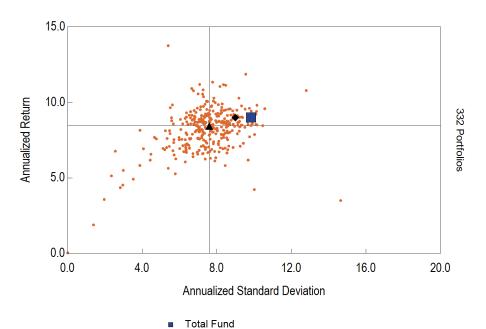
Universe Median

InvestorForce All DB Gross

# Risk vs. Return for 5 Years Ending September 30, 2016

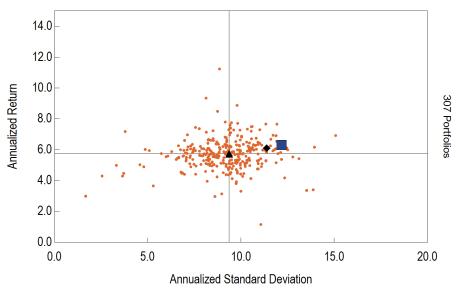
Rank within InvestorForce All DB Gross	Annualized Return	Percentile Rank	Standard Deviation
Total Fund	10.7%	17	6.9%
Fund Benchmark	10.4%	24	6.8%
Median for this Universe	9.5%		6.7%

Seven and Ten Year Risk Reward



### Annualized Return vs. Annualized Standard Deviation 7 Years Ending September 30, 2016

#### Annualized Return vs. Annualized Standard Deviation 10 Years Ending September 30, 2016



Total Fund

- Universe Median
- InvestorForce All DB Gross

### Risk vs. Return for 7 Years Ending September 30, 2016

Fund Benchmark

Universe Median

InvestorForce All DB Gross

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Rank within InvestorForce All DB Gross	Annualized Return	Percentile Rank	Standard Deviation
Total Fund	9.0%	26	9.8%
Fund Benchmark	9.0%	27	9.0%
Median for this Universe	8.4%		7.6%

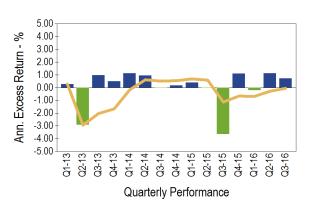
### Risk vs. Return for 10 Years Ending September 30, 2016

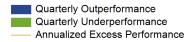
Rank within InvestorForce All DB Gross	Annualized Return	Percentile Rank	Standard Deviation
Total Fund	6.3%	22	12.2%
Fund Benchmark	6.1%	31	11.4%
Median for this Universe	5.7%		9.4%

Fund Benchmark

\$63.2 Million and 11.8% of Fund

#### Annualized Excess Performance

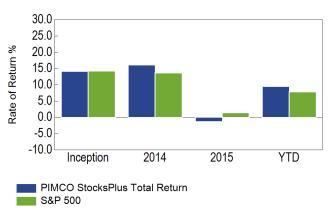




Top Holdings as of 06/30/2016	
IRS USD 1.75000 12/16/15-3Y CME	40.85%
IRS USD 1.10000 01/23/17-1Y (WHT) CME	37.54%
FIN FUT US 5YR CBT 09/30/16	35.00%
FIN FUT US 10YR CBT 09/21/16	33.59%
SPTR TRS EQUITY 3ML+4 *BULLET* BPS	32.98%
SPTR TRS EQUITY 3ML+7 *BULLET* BPS	23.21%
E-MINI S&P 500 SEPT16	21.68%
IRS USD 2.25000 12/16/15-7Y LCH	21.28%
IRS USD 1.75000 12/16/15-3Y LCH	20.80%
IRS USD 2.25000 12/16/15-7Y CME	18.13%

Fund Information as of 06/30/2016				
Fund Name	PIMCO-STKSP TR			
Ticker	PSPTX			
Category	Large Blend			
Benchmark	S&P 500			
Expense Ratio	0.64%			
Fund Assets (\$mm)	487.75			
Share Class Inception Date	6/28/2002			
Manager Tenure	2			

Return Summary Ending September 30, 2016



#### **Description:**

The investment seeks total return.

The fund seeks to exceed the total return of the S&P 500 Index by investing under normal circumstances in S&P 500 Index derivatives, backed by a portfolio of Fixed Income Instruments. "Fixed Income Instruments" include bonds, debt securities and other similar instruments issued by various U.S. and non-U.S. public- or private-sector entities. The fund will normally limit its foreign currency exposure (from non-U.S. dollar-denominated securities or currencies) to 35% of its total assets.

#### Sector Allocation as of 03/31/2016

BASIC MATERIALS	0.67%
COMMUNICATION SERVICES	1.14%
CONSUMER CYCLICAL	2.75%
CONSUMER DEFENSIVE	2.55%
ENERGY	1.66%
FINANCIAL SERVICES	3.44%
HEALTHCARE	3.64%
INDUSTRIALS	2.68%
REAL ESTATE	0.60%
TECHNOLOGY	4.59%
UTILITIES	0.85%

# \$101.8 Million and 18.9% of Fund

**Characteristics** 

#### Annualized Excess Performance



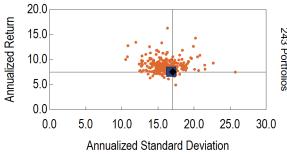
Quarterly Outperformance Quarterly Underperformance Annualized Excess Performance



**Return Summary** 

	Top Holdings
APPLE	
MICROSOFT	
EXXON MOBIL	
AMAZON.COM	
JOHNSON & JOH	HNSON
FACEBOOK CLA	ASS A
BERKSHIRE HA	THAWAY 'B'
GENERAL ELEC	TRIC
AT&T	
JP MORGAN CH	ASE & CO.

#### Annualized Return vs. Annualized Standard Deviation 19 Years 6 Months Ending September 30, 2016



#### Rhumbline 500

• S&P 500

• eA US Large Cap Equity Gross

		Portfolio	S&P 500
	Number of Holdings	505	505
3.2%	Weighted Avg. Market Cap. (\$B)	134.82	134.71
2.4%	Median Market Cap. (\$B)	19.11	18.90
4 00/	Price To Earnings	23.16	22.71
1.9%	Price To Book	4.75	4.51
1.8%	Price To Sales	3.55	3.06
1.7%	Return on Equity (%)	18.83	18.79
	Yield (%)	2.12	2.11
1.6%	Beta	1.00	1.00
1.5%	R-Squared	1.00	1.00
	INDUSTRY SECTOR DISTRIBUTION (% I	Equity)	
1.4%	Energy	7.26	7.28
1.3%	Materials	2.90	2.90
1.3%	Industrials	9.73	9.73
1.3%	Consumer Discretionary	12.53	12.53
	Consumer Staples	9.88	9.89
	Health Care	14.63	14.68
	Financials	12.77	12.78
	Information Technology	21.23	21.24
	Telecommunication Services	2.64	2.64
	Utilities	3.29	3.28
	Real Estate	3.06	3.06
	HISTORICAL GROWTH MEASURES		
	Dividends/Share-5 Yrs.	13.35	15.82
24	Book Value Growth-5 Yrs.	5.91	5.68
243 Portfolios	EPS Growth 1 Yr (\$ Wtd. Median)	13.94	17.79
ortf	EPS Growth 5 Yrs (\$ Wtd. Median)	8.97	9.02
olio	Sales/Growth-1 Yr	6.35	4.42
o l	Sales/Growth-5 Yrs.	6.13	6.08
	COMPANY SIZE DISTRIBUTION		
30.0	Weighted Ave. Market Cap. (\$B)	134.82	134.71
	Median Market Cap. (\$B)	19.11	18.90
	Large Cap. (%)	50.01	49.94
	Medium/Large Cap. (%)	31.52	31.54
	Medium Cap. (%)	16.86	16.89
	Medium/Small Cap. (%)	1.60	1.60

Small Cap. (%)

0.01

0.01

S&P 500

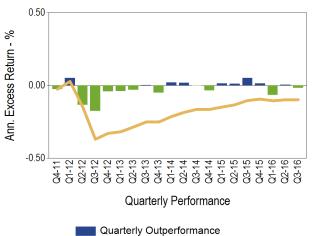
	Rhu	mbline 500 F	Performance Att	ribution vs. Rus	ssell 1000		Sector Returns (%) vs S&P 500								
			on Effects	Retur	ns	Ending	Sector Weights				1				
	Total	Selection	Allocation					Energy			2.2				
	Effects	Effect	Effect	Portfolio	Benchmark	Portfolio	Benchmark	Materials			2.2	3.6			
Energy	-0.03%	-0.04%	0.01%	2.20%	2.68%	7.26%		Industrials				3.6 3.9 3.9			
Materials	-0.03%	-0.01%	-0.02%	3.62%	4.02%	2.90%	3.22%								
Industrials	-0.02%	-0.01%	-0.01%	3.94%	4.08%	9.73%	9.94%	Cons. Disc.			33	.0			
Consumer Discretionary	-0.07%	-0.05%	-0.02%	3.03%	3.42%	12.53%	12.79%	Cons. Staples	-	2.6					
Consumer Staples	-0.02%	-0.01%	-0.02%	-2.63%	-2.57%	9.88%	9.25%	Health Care			1.0				
Health Care	-0.08%	-0.09%	0.01%	0.97%	1.57%	14.63%	14.15%				1.0	5.0 5.0			
Financials	0.00%	0.06%	-0.05%	4.99%	4.63%	12.77%	13.02%					5.0	12 9		
Information Technology	0.23%	0.08%	0.15%	12.91%	12.52%	21.23%	20.82%		<b>F 0 —</b>				12.8		
Telecommunication Services	-0.03%	-0.03%	0.00%	-5.60%	-4.68%	2.64%	2.56%	Telecomm. Utilities	-5.6 -5.6 -5.9 -5.9						
Utilities	0.00%	-0.01%	0.01%	-5.94%	-5.72%	3.29%	3.26%		-5.9		0.0				
Real Estate	0.00%	0.00%				3.06%	3.97%	Real Estate			0.0				
Cash	0.00%	0.00%				-									
Portfolio	-0.05% =	-0.10%	+ 0.05%	3.85%	3.90%	99.91%	100.00%	-10.0	-5.0	(	).0	5.0	10.0	15.0	
Method Effect				-0.01%	0.13%				line 500						
Combined Performance				3.84%	4.03%			S&P 50	00						
					En	nding Septem	ber 30, 2016						Incept	tion	
		3 Mo (%)	Rank YTD (%)	Fisca Rank YTE (%	) Rank	1 Yr (%) Rank	3 Yrs (%) Rank	5 Yrs (%) Rank	7 Yrs (%) F	Rank	10 Yrs (%)	Rank	Return (%)	Since	
Rhumbline 500		3.8	83 7.8	80 15.3	3 85	15.3 85	11.1 74	16.3 87	13.2	74	7.3	21	7.6	Apr-9	
S&P 500		3.9	61 7.8	40 15.4	4 42	15.4 42	11.2 46	16.4 32	13.2	50	7.2	83	7.5	Apr-9	
	2015	Darek 20		dar Year Perf			•	•	2009	3 Dec.	20	07	200(	6 <sub>D</sub>	

	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank	2010 (%)	Rank	2009 (%)	Rank	2008 (%)	Rank	2007 (%)	Rank	2006 (%)	Rank
Rhumbline 500	1.3	74	13.7	1	32.3	94	15.9	88	2.1	74	15.1	20	26.4	76	-36.6	22	5.6	30	15.9	30
S&P 500	1.4	66	13.7	30	32.4	45	16.0	57	2.1	69	15.1	33	26.5	75	-37.0	86	5.5	70	15.8	72

# \$37.7 Million and 7.0% of Fund

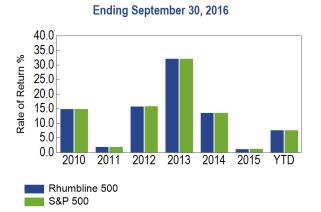
#### **Characteristics**

#### **Annualized Excess Performance**



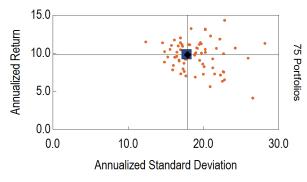
Quarterly Outperformance Quarterly Underperformance Annualized Excess Performance

**Return Summary** 



Top Holdings	
SPDR S&P MIDCAP 400 ETF TST.	1.3%
IDEXX LABORATORIES	0.7%
WHITEWAVE FOODS	0.6%
INGREDION	0.6%
DUKE REALTY	0.6%
RESMED	0.6%
SYNOPSYS	0.6%
CDK GLOBAL	0.6%
ALEXANDRIA RLST.EQTIES.	0.6%
ANSYS	0.5%

#### Annualized Return vs. Annualized Standard Deviation 18 Years 4 Months Ending September 30, 2016



- Rhumbline 400
- S&P 400 MidCap

• eA US Mid Cap Equity Gross

ondracteristics	Portfolio	S&P 400 MidCap
Number of Holdings	400	400
Weighted Avg. Market Cap. (\$B)	5.01	4.85
Median Market Cap. (\$B)	3.51	3.48
Price To Earnings	24.30	23.24
Price To Book	3.54	3.20
Price To Sales	2.84	2.64
Return on Equity (%)	14.90	13.74
Yield (%)	1.64	1.64
Beta (holdings; domestic)	1.10	1.10
R-Squared INDUSTRY SECTOR DISTRIBUTION (% Equity)	1.00	1.00
Energy	3.77	3.82
Materials	7.17	7.24
Industrials	14.02	14.18
Consumer Discretionary	11.55	11.64
Consumer Staples	4.21	4.25
Health Care	8.07	8.15
Financials	14.90	15.06
Information Technology	17.78	18.07
Telecommunication Services	0.17	0.17
Utilities	5.40	5.55
Real Estate	11.70	11.87
HISTORICAL GROWTH MEASURES		
Dividends/Share-5 Yrs.	8.65	12.27
Book Value Growth-5 Yrs.	5.88	6.07
EPS Growth 1 Yr (\$ Wtd. Median)	13.14	17.24
EPS Growth 5 Yrs (\$ Wtd. Median)	10.20	11.25
Sales/Growth-1 Yr	6.73	6.01
Sales/Growth-5 Yrs.	7.51	7.35
COMPANY SIZE DISTRIBUTION		
Weighted Ave. Market Cap. (\$B)	5.01	4.85
Median Market Cap. (\$B)	3.51	3.48
Large Cap. (%)	0.00	0.00
Medium/Large Cap. (%)	0.00	0.00
Medium Cap. (%)	14.20	13.05
Medium/Small Cap. (%)	73.46	74.35
Small Cap. (%)	12.34	12.58

# \$37.7 Million and 7.0% of Fund

	Rhum	bline 400 Perf	ormance Attrib	ution vs. S&P	400 MidCap			See	or Deturne	(0/) 1/2 69	D 400 ME	
		Attribution	Effects	Retu	irns	Ending Sect	or Weights	Sec	or Returns	5 (%) VS 30	xP 400 WI	ucap
	Total	Selection	Allocation									
	Effects	Effect	Effect	Portfolio	Benchmark	Portfolio	Benchmark	Energy			6.0 6.0	
Energy	0.00%	0.00%	0.00%	6.00%	6.00%	3.77%	3.82%	Materials			5.4 5.7	
Materials	-0.03%	-0.02%	-0.01%	5.43%	5.67%	7.17%	7.24%	Industrials			6	.8
Industrials	0.03%	0.03%	0.00%	6.78%	6.58%	14.02%	14.18%	Cons. Disc.			2.7 2.6	.0
Consumer Discretionary	0.00%	0.00%	0.00%	2.65%	2.64%	11.55%	11.64%		-37		2.6	
Consumer Staples	0.00%	0.00%	0.00%	-3.74%	-3.68%	4.21%	4.25%	Cons. Staples	-3.7 -3.7		E 4	
Health Care	0.00%	0.00%	0.00%	5.08%	5.08%	8.07%	8.15%	Health Care			5.1 5.1	
Financials	0.00%	0.00%	0.00%	2.63%	2.65%	14.90%	15.06%	Financials			2.6 2.6	
Information Technology	0.00%	0.00%	0.00%	10.03%	10.04%	17.78%	18.07%	Info. Tech.			2.0	10
Telecommunication Services	0.00%	0.00%	0.00%	-7.85%	-7.85%	0.17%	0.17%	Telecomm.	-7.9 -7.9			TU
Utilities	0.00%	-0.03%	0.03%	-4.96%	-4.50%	5.40%	5.55%	Utilities	-5.0 -4.5			
Real Estate	0.00%	0.00%				11.70%	11.87%	Real Estate		0.0		
Cash	0.00%	0.00%				0.00%	0.00%					
Portfolio	0.00% =	-0.02%	+ 0.02%	4.24%	4.24%	98.73%	100.00%	-10.0	-5.0	0.0	5.0	10.0
Method Effect				-0.12%	-0.10%			-10.0	-0.0	0.0	0.0	10.0
Combined Performance				4.13%	4.14%			Rhumblir S&P 400				

Energy aterials ustrials S. Disc. Staples h Care ancials . Tech. comm. Jtilities Estate	-3.7 -3.7 -7.9 -7.9 -5.0 -4.5	0.0	6.0 6.0 5.4 5.7 2.6 5.1 2.6 5.1 2.6	.8 6 10.0	
-10.0	-5.0 ine 400	0.0	5.0	10.0	15.0
	0 MidCap				

		Ending September 30, 2016														Incept	tion	
	<sup>3 Мо</sup> (%) F	lank	YTD (%) F	Rank	Fiscal YTD F (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank	7 Yrs (%)	Rank	10 Yrs (%)	Rank	Return (%)	Since
Rhumbline 400	4.1	99	12.3	67	15.3	66	15.3	66	9.3	56	16.4	83	13.9	82	9.1	40	9.9	Jun-98
S&P 400 MidCap	4.1	70	12.4	36	15.3	37	15.3	37	9.4	44	16.5	45	14.0	65	9.1	48	9.8	Jun-98

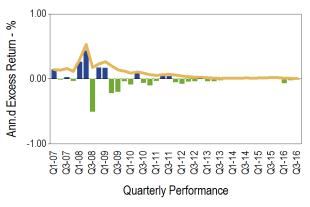
# Calendar Year Performance Results Ending September 30, 2016

	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank	2010 (%)	Rank	2009 (%)	Rank	2008 (%)	Rank	2007 (%)	Rank	2006 (%)	Rank
Rhumbline 400	-2.1	24	9.8	76	33.4	85	17.5	72	-1.7	83	26.6	66	37.4	50	-35.9	1	8.0	47	10.2	99
S&P 400 MidCap	-2.2	52	9.8	77	33.5	57	17.9	49	-1.7	99	26.6	14	37.4	57	-36.2	55	8.0	80	10.3	86

# \$21.4 Million and 4.0% of Fund

#### **Characteristics**

#### **Annualized Excess Performance**





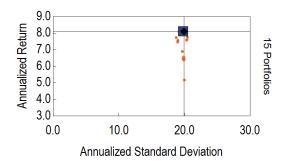


#### S&P 600 SmallCap

### **Top Holdings**

PIEDMONT NATGS.	0.7%
TAKE TWO INTACT.SFTW.	0.6%
PDC ENERGY	0.6%
R R DONNELLEY & SONS	0.5%
B & G FOODS	0.5%
BLACKBAUD	0.5%
MEDIDATA SOLUTIONS	0.5%
ALLETE	0.4%
US SILICA HOLDINGS	0.4%
LITTELFUSE	0.4%

Annualized Return vs. Annualized Standard Deviation 9 Years 9 Months Ending September 30, 2016



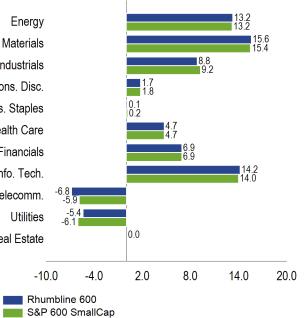
- Rhumbline 600
- S&P 600 SmallCap ٠
- eA US Passive Small Cap Equity Gross ٠

Characteristics	5	
	Portfolio	S&P 600 SmallCap
Number of Holdings	603	601
Weighted Avg. Market Cap. (\$B)	1.72	1.65
Median Market Cap. (\$B)	1.02	1.02
Price To Earnings	26.51	24.40
Price To Book	3.23	2.74
Price To Sales	2.47	2.29
Return on Equity (%)	12.23	10.90
Yield (%)	1.38	1.33
Beta (holdings; domestic)	1.17	1.17
R-Squared	1.00	1.00
INDUSTRY SECTOR DISTRIBUTION (% E	Equity)	
Energy	3.24	3.25
Materials	5.73	5.79
Industrials	18.15	18.18
Consumer Discretionary	13.38	13.46
Consumer Staples	2.99	3.02
Health Care	12.35	12.36
Financials	16.30	16.33
Information Technology	16.26	16.3 <i>1</i>
Telecommunication Services	1.00	1.01
Utilities	3.38	3.39
Real Estate	6.88	6.90
HISTORICAL GROWTH MEASURES		
Dividends/Share-5 Yrs.	4.43	11.45
Book Value Growth-5 Yrs.	7.00	6.38
EPS Growth 1 Yr (\$ Wtd. Median)	15.06	21.37
EPS Growth 5 Yrs (\$ Wtd. Median)	6.72	8.06
Sales/Growth-1 Yr	9.49	9.52
Sales/Growth-5 Yrs.	8.87	8.63
COMPANY SIZE DISTRIBUTION		
Weighted Ave. Market Cap. (\$B)	1.72	1.6
Median Market Cap. (\$B)	1.02	1.02
Large Cap. (%)	0.00	0.00
Medium/Large Cap. (%)	0.00	0.00
Medium Cap. (%)	0.34	0.00
Medium/Small Cap. (%)	13.21	13.23
Small Cap. (%)	86.44	86.74
······································		

\$21.4 Million and 4.0% of Fund

	Rhu	mbline 600 Pe	rformance Attr	ibution vs. S&I	P 600 SmallCap	)		S	ecto
		Attribut	ion Effects	Re	eturns	Ending Se	ector Weights		
	Total Effects	Selection Effect	Allocation Effect	Portfolio	Benchmark	Portfolio	Benchmark		
Energy	0.00%	0.00%	0.00%	13.24%	13.15%	3.24%	3.25%	Materials	
Materials	0.00%	0.01%	-0.01%	15.56%	15.45%	5.73%	5.79%	Industrials	
Industrials	-0.08%	-0.07%	-0.01%	8.81%	9.20%	18.15%	18.18%	Cons. Disc.	
Consumer Discretionary	0.01%	0.00%	0.01%	1.74%	1.76%	13.38%	13.46%		
Consumer Staples	0.00%	0.00%	0.00%	0.11%	0.15%	2.99%	3.02%	Cons. Staples	
Health Care	0.00%	0.00%	0.00%	4.70%	4.69%	12.35%	12.36%	Health Care	
Financials	0.00%	0.00%	0.00%	6.88%	6.89%	16.30%	16.33%	Financials	
Information Technology	0.03%	0.03%	0.00%	14.16%	13.96%	16.26%	16.31%		
Telecommunication Services	-0.02%	-0.01%	-0.01%	-6.84%	-5.87%	1.00%	1.01%	Info. Tech. Telecomm.	-6.8
Utilities	0.11%	0.03%	0.08%	-5.39%	-6.05%	3.38%	3.39%		-
Real Estate	0.00%	0.00%				6.88%	6.90%	Utilities	-6
Cash	0.00%	0.00%				0.00%	0.00%	Real Estate	
Portfolio	0.04%	= -0.02%	+ 0.06%	7.13%	7.09%	99.66%	100.00%		
Method Effect				0.06%	0.11%			-10	0
Combined Performance				7.19%	7.20%			-10	
								Rhu	mhlir

#### Sector Returns (%) vs S&P 600 SmallCap



### Ending September 30, 2016

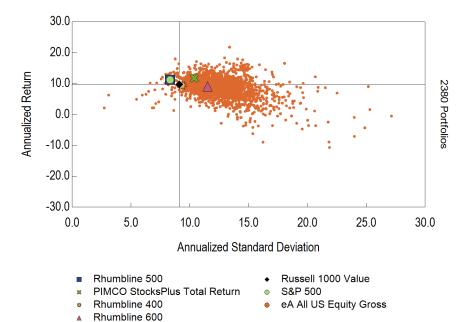
### Inception

	3 Mo (%)	Rank	YTD (%)	Rank	Fiscal YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank	7 Yrs (%)	Rank	10 Yrs (%)	Rank	Return (%)	Since
Rhumbline 600	7.2	93	13.8	26	18.0	26	18.0	26	9.1	1	17.8	12	14.6	11			8.1	Jan-07
S&P 600 SmallCap	7.2	92	13.9	13	18.1	15	18.1	15	9.0	1	17.9	4	14.6	4	8.7	14	8.1	Jan-07

### Calendar Year Performance Results Ending September 30, 2016

	YTD (%)	Rank	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank	2010 (%)	Rank
Rhumbline 600	13.8	26	-1.9	21	5.8	13	41.2	38	16.2	80	1.1	1	26.2	69
S&P 600 SmallCap	13.9	13	-2.0	22	5.8	13	41.3	38	16.3	79	1.0	1	26.3	67

**Total Equity Portfolios** 

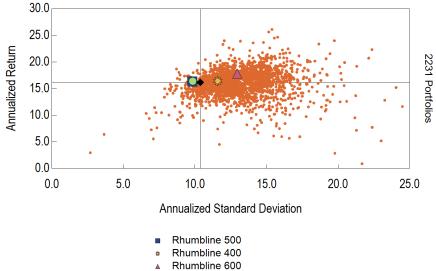


#### Annualized Return vs. Annualized Standard Deviation 3 Years Ending September 30, 2016

# Risk vs. Return for 3 Years Ending September 30, 2016

Rank within eA US Passive S&P 500 Equity Gross	Annualized Return	Standard Deviation
Rhumbline 500	11.1%	8.3%
PIMCO StocksPlus Total Return	11.7%	10.4%
Rhumbline 400	9.3%	9.3%
Rhumbline 600	9.1%	11.5%
S&P 500	11.2%	8.3%
Median for this Universe	11.2%	10.7%

#### Annualized Return vs. Annualized Standard Deviation 5 Years Ending September 30, 2016



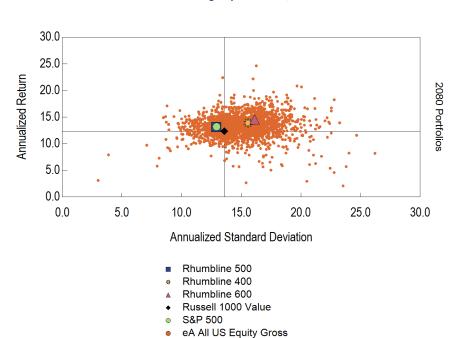
Russell 1000 Value

- S&P 500
- eA All US Equity Gross

# Risk vs. Return for 5 Years Ending September 30, 2016

Rank within eA US Passive S&P 500 Equity Gross	Annualized Return	Standard Deviation
Rhumbline 500	16.3%	9.8%
Rhumbline 400	16.4%	11.6%
Rhumbline 600	17.8%	13.0%
S&P 500	16.4%	9.8%
Median for this Universe	16.4%	11.0%

**Total Equity Portfolios** 

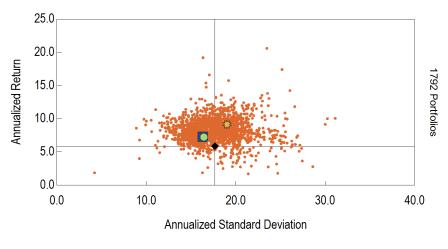


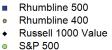
#### Annualized Return vs. Annualized Standard Deviation 7 Years Ending September 30, 2016

# Risk vs. Return for 7 Years Ending September 30, 2016

Rank within eA All US Equity Gross	Annualized Return	Standard Deviation
Rhumbline 500	13.2%	12.9%
Rhumbline 400	13.9%	15.6%
Rhumbline 600	14.6%	16.1%
S&P 500	13.2%	12.9%
Median for this Universe	13.3%	14.6%



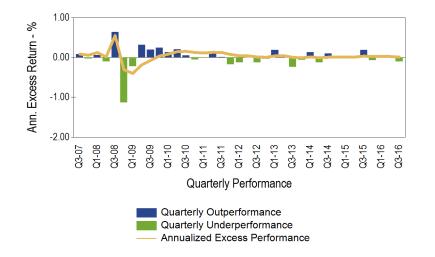




#### eA All US Equity Gross

### Risk vs. Return for 10 Years Ending September 30, 2016

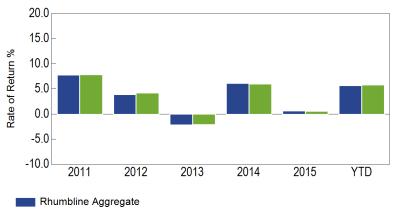
Rank within eA All US Equity Gross	Annualized Return	Standard Deviation
Rhumbline 500	7.3%	16.3%
Rhumbline 400	9.1%	19.0%
Rhumbline 600		
S&P 500	7.2%	16.4%
Median for this Universe	8.0%	17.1%



#### Annualized Excess Performance



Ending September 30, 2016



Barclays Aggregate

Portfolio Characteristics	Rhumbline	Barclays Aggregate
Eff Duration (Yrs.)	5.4	5.5
Wtd Avg. Yield (%)	3.0	2.0
Wtd Avg. Coupon (%)	3.3	3.1
Maturity	1.8	7.8
Quality	AA	AA1\AA2
Sector	Rhumbline	BC Aggregate
Corporate	24.2 %	26.0 %
Government	36.4	36.3
Mortgage	25.3	29.8
Foreign	5.2	0.0
Other/Cash**	8.9	7.9
Quality	Rhumbline	BC Aggregate
Govt/Agency	9.5 %	0.0 %
AAA	57.2	70.5
AA	10.5	4.9
A	11.4	10.8
BBB	10.0	13.8
BB	0.6	0.0
Less than BB	0.1	0.0
Not Rated	0.7	0.0
Other ** Includes ABS	-	0.0

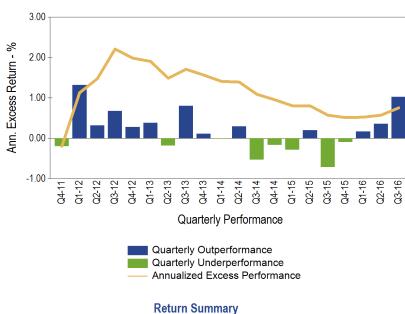
		Ending September 30, 2016														Inception		
	3 Mo (%)	Rank	YTD (%)	Rank	Fiscal YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank	7 Yrs (%)	Rank	10 Yrs (%)	Rank	Return (%)	Since
Rhumbline Aggregate	0.4	81	5.7	76	5.0	82	5.0	82	4.1	80	3.0	91	4.1	86			4.9	Jul-07
Barclays Aggregate	0.5	73	5.8	72	5.2	76	5.2	76	4.0	81	3.1	90	4.1	87	4.8	89	4.9	Jul-07

# Calendar Year Performance Results Ending September 30, 2016

	YTD (%)	Rank	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank
Rhumbline Aggregate	5.7	76	0.7	68	6.1	46	-2.1	85	3.9	94	7.7	50
Barclays Aggregate	5.8	72	0.6	75	6.0	52	-2.0	82	4.2	90	7.8	46

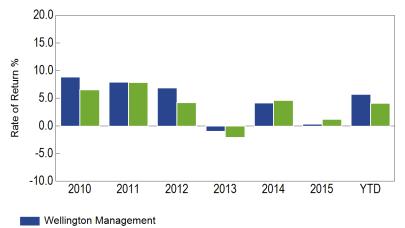
# Wellington Management

# \$108.2 Million and 20.1% of Fund



#### Annualized Excess Performance

Ending September 30, 2016



Wellington Benchmark

Portfolio Characteristics	Wellington Mgmt.	Barclays Int. Aggregate
Eff Duration (Yrs.)	3.5	3.3
Spread Duration	5.3	4.1
Effective Convexity	-0.4	-0.2
Option Adjusted Spread	120.0	38.0
Yield to Worst	3.0	1.7
Years to Worst	7.3	4.4
Average Quality	Aa3	Aa1
		Barclays Int.
Sector	Wellington Mgmt.	Aggregate
Cash & Cash Equivalents	-13.8 %	0.2 %
Government	0.6	38.4
Credit	22.8	25.7
High Yield	7.5	0.0
Emerging Market Debt	-2.2	0.2
Developed Non US	1.9	0.0
Asset Backed Securities	13.0	0.6
Mortgage Backed	57.6	32.9
Commercial Mortgage	10.4	2.0
Other	0.4	0.1
Cash Offset for Futures	1.9	0.0
Quality	Wellington Mgmt.	Barclays Int. Aggregate

Quality	Wellington Mgmt.	Aggregate
Cash	-14.5 %	0.2 %
Aaa	75.6	76.9
Aa	3.1	5.0
A	12.3	10.4
Ваа	9.6	7.5
Ва	8.8	0.0
В	-0.7	0.0
Below B	2.3	0.0
Cash Offset for Futures	1.9	0.0
Not Rated	1.5	0.0

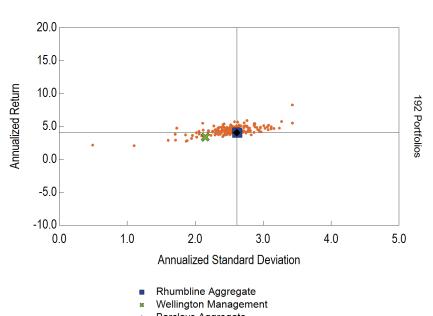
# Wellington Management

# \$108.2 Million and 20.1% of Fund

		Ending September 30, 2016														Inception		
	3 Mo (%)	Rank	YTD (%)	Rank	Fiscal YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	5 Yrs (%)	Rank	7 Yrs (%)	Rank	10 Yrs (%)	Rank	Return (%)	Since
Wellington Management	1.3	21	5.7	68	5.1	67	5.1	67	3.4	80	3.4	68	4.9	43	5.1	49	5.7	Oct-93
Wellington Benchmark	0.3	91	4.1	92	3.6	92	3.6	92	3.3	85	2.6	93	4.4	66	4.7	69	5.7	Oct-93

# Calendar Year Performance Results Ending September 30, 2016

	YTD (%)	Rank	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank	2010 (%)	Rank	2009 (%)	Rank	2008 (%)	Rank	2007 (%)	Rank
Wellington Management	5.7	68	0.3	42	4.2	82	-1.0	35	6.9	56	7.9	13	8.8	30	14.6	42	-3.3	51	6.3	33
Wellington Benchmark	4.1	92	1.2	12	4.6	76	-2.0	76	4.2	86	7.8	17	6.5	81	5.9	92	5.2	10	7.0	15



### Annualized Return vs. Annualized Standard Deviation 3 Years Ending September 30, 2016

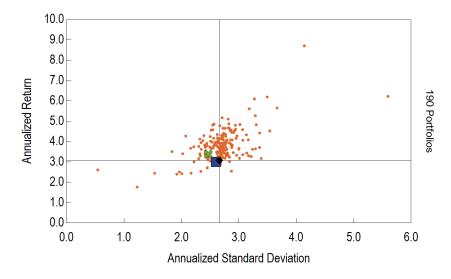
Barclays Aggregate •

eA US Core Fixed Inc Gross

## Risk vs. Return for 3 Years Ending September 30, 2016

Rank within eA US Core Fixed Inc Gross	Annualized Return	Standard Deviation
Rhumbline Aggregate	4.1%	2.8%
Wellington Management	3.4%	2.1%
Barclays Aggregate	4.0%	2.7%
Median for this Universe	4.4%	2.5%

#### Annualized Return vs. Annualized Standard Deviation 5 Years Ending September 30, 2016



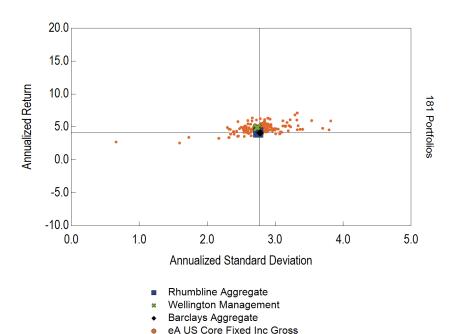
Rhumbline Aggregate 

- Wellington Management 88
- Barclays Aggregate ٠
- eA US Core Fixed Inc Gross •

## Risk vs. Return for 5 Years Ending September 30, 2016

Rank within eA US Core Fixed Inc Gross	Annualized Return	Standard Deviation
Rhumbline Aggregate	3.0%	2.7%
Wellington Management	3.4%	2.5%
Barclays Aggregate	3.1%	2.7%
Median for this Universe	3.8%	2.7%

**Total Fixed Income Portfolios** 

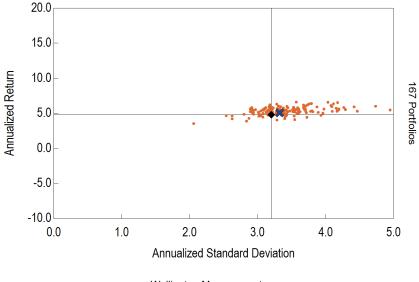


#### Annualized Return vs. Annualized Standard Deviation 7 Years Ending September 30, 2016

## Risk vs. Return for 7 Years Ending September 30, 2016

Rank within eA US Core Fixed Inc Gross	Annualized Return	Standard Deviation
Rhumbline Aggregate	4.1%	3.0%
Wellington Management	4.9%	2.8%
Barclays Aggregate	4.1%	3.0%
Median for this Universe	4.7%	2.8%

## Annualized Return vs. Annualized Standard Deviation 10 Years Ending September 30, 2016



# Wellington Management Barclays Aggregate

eA US Core Fixed Inc Gross

## Risk vs. Return for 10 Years Ending September 30, 2016

Rank within eA US Core Fixed Inc Gross	Annualized Return	Standard Deviation
Rhumbline Aggregate		
Wellington Management	5.1%	3.6%
Barclays Aggregate	4.8%	3.2%
Median for this Universe	5.3%	3.3%

Due to partial quarter investment data, InvestorForce analytics will become available beginning Q4 2016.

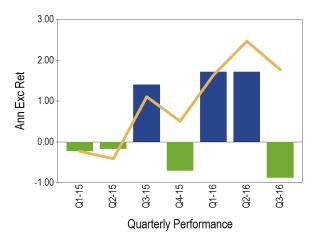
## **Dimensional Fund Advisors**

## \$29.0 Million and 5.4% of Fund

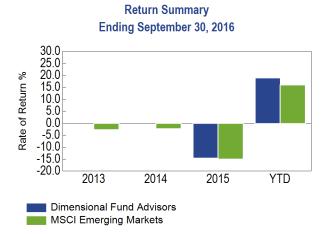
#### Characteristics

	3.1%		Portfolio	MSCI Emerging Markets Gross
		Number of Holdings	4,299	833
	1.5%	Weighted Avg. Market Cap. (\$B)	27.49	53.04
	1.3%	Median Market Cap. (\$B)	0.46	4.73
	1.0%	Price To Earnings	19.77	19.08
		Price To Book	2.99	2.85
	0.9%	Price To Sales	2.21	2.30
	0.8%	Return on Equity (%)	15.40	16.94
		Yield (%)	2.62	2.51
	0.6%	Beta (holdings; domestic)	1.11	1.07
	0.6%	R-Squared		1.00
	0.6%	INDUSTRY SECTOR DISTRIBUTION (%	Equity)	
	0.6%	Energy	5.91	7.27
	0.5%	Materials	9.78	6.39
		Industrials	9.86	5.90
		Consumer Discretionary	11.79	10.61
		Consumer Staples	8.48	7.88
		Health Care	3.72	2.56
d Deviation		Financials	19.79	23.72
0, 2016		Information Technology	18.29	23.90
, 2010		Telecommunication Services	4.43	6.13
		Utilities	4.03	2.95
		Real Estate	3.70	2.69
	N	HISTORICAL GROWTH MEASURES		
	282 Portfolios	Dividends/Share-5 Yrs.	3.90	11.68
••	Por	Book Value Growth-5 Yrs.	10.09	12.88
	tfoli	EPS Growth 1 Yr (\$ Wtd. Median)	9.70	13.98
	so	EPS Growth 5 Yrs (\$ Wtd. Median)	7.69	9.24
		Sales/Growth-1 Yr	9.56	11.47
05.0 00		Sales/Growth-5 Yrs.	10.66	14.03
25.0 30	0.0	COMPANY SIZE DISTRIBUTION		
on		Weighted Ave. Market Cap. (\$B)	27.49	53.04
		Median Market Cap. (\$B)	0.46	4.73
		Large Cap. (%)	46.49	73.84
		Medium Cap. (%)	22.32	20.88
		Small Cap. (%)	31.20	5.29

#### **Annualized Excess Performance**



Quarterly Outperformance Quarterly Underperformance Annualized Excess Performance



#### Annualized Return vs. Annualized Standard Deviation 1 Year 11 Months Ending September 30, 2016

**Top Holdings** 

SAMSUNG ELECTRONICS TENCENT HOLDINGS

TAIWAN SEMICON.MNFG. CHINA CON.BANK 'H'

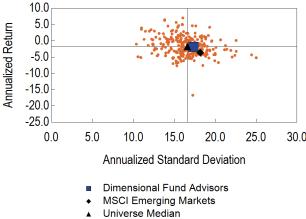
HON HAI PRECN.IND.

NASPERS

**TAIWAN SEMICON.SPN.ADR 1:5** 

CHINA MOBILE SPN.ADR 1:5 INDL.& COML.BK.OF CHINA 'H'

**ITAU UNIBANCO HOLDING PN** 

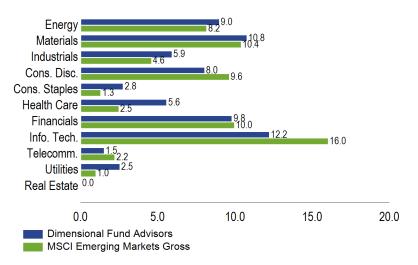


• eA Emg Mkts Equity Gross

\$29.0 Million and 5.4% of Fund

International Equity Performance Attribution													
	Versus MSCI Emerging Markets Gross - Quarter Ending September 30, 2016												
	Retur	ns and En	ding Weight	Attribution Effects									
	Manager	Index	Manager	Index	Selection	Allocation	Currency	Total					
	Return	Return	Weight	Weight	Effect	Effect	Effect	Effects					
Totals													
Americas	5.7%	5.4%	16.2%	13.0%	0.0%	0.2%	0.0%	0.2%					
Europe	8.5%	7.1%	3.7%	5.5%	0.1%	-0.1%	0.0%	-0.1%					
Asia/Pacific	9.2%	10.6%	70.3%	71.4%	-1.1%	0.0%	0.1%	-1.0%					
Other	5.0%	5.2%	9.8%	10.2%	0.0%	0.0%	0.0%	0.0%					
Total	8.2%	9.1%	100.0%	100.0%	-1.0%	0.1%	0.1%	-0.9%					

Sector Returns (%) vs MSCI Emerging Markets Gross

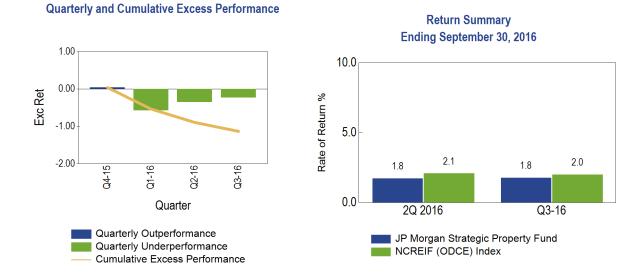


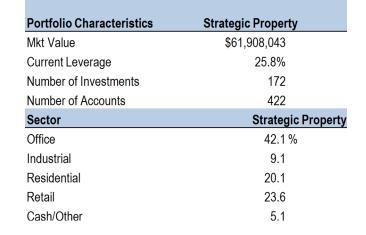
		Ending September 30, 2016												Inception				
	3 Mo (%)	Rank	YTD (%)	Rank	Fiscal YTD (%)	Rank	1 Yr (%)	Rank	3 Yrs (%)	Rank	<sup>5 Yrs</sup> (%)	Rank	7 Yrs (%) R	lank	10 Yrs (%)	Rank	Return (%)	Since
Dimensional Fund Advisors	8.1	65	18.9	23	18.9	44	18.9	44									-1.8	Nov-14
MSCI Emerging Markets	9.0	47	16.0	47	16.8	59	16.8	59	-0.6	81	3.0	88	2.3	87	3.9	83	-3.6	Nov-14

## Calendar Year Performance Results Ending September 30, 2016

	YTD (%)	Rank	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank
Dimensional Fund Advisors	18.9	23	-14.4	66				
MSCI Emerging Markets	16.0	47	-14.9	70	-2.2	74	-2.6	80

\*The manager weights for DFA are on a 1-month lag.





	Ending September 30, 2016													Inception				
	<sup>3 Mo</sup> (%) Ra	ank	YTD (%)	Rank	Fiscal YTD R (%)	Rank	1 Yr (%) F	Rank	3 Yrs (%) F	Rank	5 Yrs (%)	Rank	7 Yrs (%) F	Rank	10 Yrs (%)	Rank	Return (%)	Since
JP Morgan Strategic Property Fund	1.8		5.3		8.9		8.9										9.7	Aug-15
NCREIF (ODCE) Index	2.0		6.5		10.1		10.1		12.4		12.4		12.4		6.0		10.8	Aug-15

## Calendar Year Performance Results Ending September 30, 2016

	3 Mo (%)	Rank	2015 (%)	Rank	2014 (%)	Rank	2013 (%)	Rank	2012 (%)	Rank	2011 (%)	Rank	2010 (%)	Rank
JP Morgan Strategic Property Fund	1.8													
NCREIF (ODCE) Index	2.1		15.0		12.5		14.0		10.9		16.0		16.4	

#### **PIMCO StockPlus Total Return**

The Fund seeks to exceed the total return of the S&P 500 Index by investing under normal circumstances in S&P 500 Index derivatives, backed by a portfolio of Fixed Income Instruments. Fixed Income Instruments include bonds, debt securities and other similar instruments issued by various U.S. and non-U.S. public- or private-sector entities. The Fund may invest in common stocks, options, futures, options on futures and swaps. The Fund normally uses S&P 500 Index derivatives instead of S&P 500 Index stocks to attempt to equal or exceed the daily performance of the S&P 500 Index. The Fund typically will seek to gain long exposure to its benchmark index in an amount, under normal circumstances, approximately equal to the Fund's net assets. The value of S&P 500 Index derivatives should closely track changes in the value of the S&P 500 Index. However, S&P 500 Index derivatives may be purchased with a small fraction of the assets that would be needed to purchase the equity securities directly, so that the remainder of the assets may be invested in Fixed Income Instruments. Pacific Investment Management Company LLC (PIMCO) actively manages the Fixed Income Instruments held by the Fund with a view toward enhancing the Fund's total return, subject to an overall portfolio duration which normally varies from (negative) 3 years to positive 8 years based on PIMCO's forecast for interest rates. Duration is a measure used to determine the sensitivity of a security's price to changes in interest rates. The longer a security's duration, the more sensitive it will be to changes in interest rates. The S&P 500 Index stocks even when the S&P 500 Index is declining. Though the Fund does not normally invest directly in S&P 500 Index securities, when S&P 500 Index derivatives appear to be overvalued relative to the S&P 500 Index, the Fund may invest all of its assets in a basket of S&P 500 Index stocks. The Fund also may invest in exchange-traded funds based on the S&P 500 Index, such as Standard & Poor's Depositary Receipts.

#### RhumbLine Advisers S&P 500 Index

RhumbLine initially managed the portfolio construction process by screening the stocks and eliminating those which do not have an acceptable quality rating by Value Line or Standard & Poor's, as well as companies not domestically domiciled. The screening excludes approximately 70 securities from the High Grade Index. This version of the Index was converted to a fully-replicating Index Fund in the 1stquarter of 2000.

To minimize tracking error, RhumbLine frequently rebalances the portfolio. There are three events which will trigger rebalancing. These events are:

Cash accumulates to 1% of the assets Changes in the benchmark securities or restricted list Major market changes

This policy results in portfolio rebalancing as often as each week, and no less often than each quarter. Each time this "micro-rebalancing" occurs, a list of required buys and sells, with acceptable alternative trades is produced which will bring the portfolio back into compliance with the S&P 500 Index. Typically, these trades represent less than 10% of the individual names in the portfolio, with less than 5% of the available assets. Historically, turnover has averaged less than 6%. In addition to frequent portfolio rebalancing, daily industry-sector weighting reports are reviewed to assure the portfolio is replicating risk and return characteristics of the S&P 500 Index.

#### RhumbLine Advisers S&P 400 Mid Cap Index

The portfolio for the Rhumbline S&P 400 Mid-Cap Index Fund has a construction and management process similar to that of the S&P 500 Index Fund. The methodology is a combination of a replication and stratification sampling process. The portfolio will hold approximately 375 issues. About 95% of the index, or 320 of the largest stocks in the index, are held in replicating weights. The remaining 5% are sampled; approximately 54 out of 80 stocks are held at weights of 0.10%. The sampled stocks are chosen so that industry weights of the index match industry weights of the portfolio.

### RhumbLine Advisers S&P 600 Small Cap Index

The portfolio for the Rhumbline S&P 600 Small-Cap Index Fund has a construction and management process similar to that of the S&P 500 Index Fund. The fund consists of 600 small-cap stocks trading in the U.S with a market capitalization range between \$250 million to \$900 million. This represents approximately 3% of the domestic equity universe. The Fund has an annual turnover rate of 8 - 10%.

#### RhumbLine Advisers Barclays U.S. Aggregate Index

The RhumbLine investment team utilizes fixed income investment modeling technology to build and maintain the Core Bond Pooled Index Fund. As the objective of the Fund is to track the risk and return characteristics of the Barclays U.S. Aggregate Bond Index, all investment decisions are made with that as the primary goal. The benchmark has more than 6,000 fixed income instruments to select from so their process incorporates both optimization and stratified sampling in managing the Fund. Other analytical tools are utilized to evaluate fundamental credit research, market analysis of supply and demand and security structure analysis.

#### Wellington Management Company

Wellington Management Company manages a Barclays U.S. Intermediate Aggregate-based fixed income portfolio with an added High Yield component that is authroized to invest up to 20% in High Yield securities for the Miami Beach Employees' Retirement Plan. The objective of the portfolio strategy is to exceed the return of the Barclays U.S. Aggregate Total Bond Index through investments in intermediate and longer maturity, investment grade fixed income securities plus a High Yield component. Average maturity of the bond portfolios is typically between 8 and 12 years. Average duration ranges from 4 to 6 years, depending on the firm's interest rate outlook.

Intermediate Aggregate Bond portfolios typically emphasize corporate and mortgage securities over government and agency securities. The actual weighting of corporate and mortgage securities is a function of yield spreads and the firm's market outlook. Portfolio yield tends to be slightly higher than the Barclays U.S. Intermediate Aggregate Bond Index, while quality is typically slightly lower due to the emphasis on corporate issues.

The maturity/duration strategy decision is based on both macroeconomic data and bond market indicators. Changes in portfolio strategy normally occur slowly, rather than in sudden, large shifts. Wellington's strategic approach is somewhat contrarian; they tend to gradually increase portfolio duration as rates rise and vice versa.

Bond sector strategies focus on relative value and yield spreads across security types and among quality, issuer and industry sectors. Analysis of historical yield spreads is also used in establishing the sector strategy. Additionally, quality yield spreads are monitored for swap opportunities. The Bond strategy is supported by two groups within the company which supply fundamental and valuation information on two of the major domestic market sectors. These groups are the Mortgage Backed Strategy Group, and the Credit Screening Group.

#### Wellington Management Company (continued)

Wellington's corporate bond research effort is distinctive in that it focuses on avoiding down-gradings as well as on evaluating default risk. The fixed income research effort results in a Bond Universe of issuers pre-approved for purchase. Only securities issued by companies on the Bond Universe list may be included in the portfolio. The Investment Grade Bond Universe includes approximately 350 corporate debt issuers selected out of 700 investment grade bond issuers who have at least \$50 million of public debt outstanding.

#### **Dimensional Fund Advisors Emerging Markets Core**

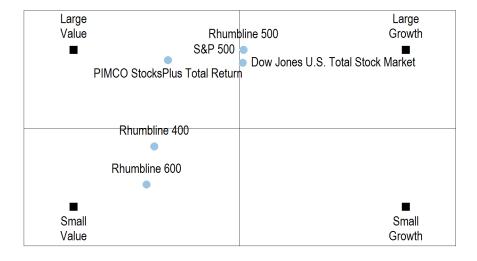
The Emerging Markets Core Equity Portfolio is a no-load mutual fund designed to achieve long-term capital appreciation. The Portfolio seeks to purchase a broad and diverse group of securities with an increased exposure to securities of small cap issuers and securities that it considers to be value securities. In assessing value, Dimensional may consider factors such as the issuer's securities having a high book value in relation to their market value, as well as price to cash flow or price to earnings ratios. The criteria for assessing value are subject to change from time to time. The Portfolio invests in securities associated with a diverse group of countries, which may include both emerging and frontier markets, that Dimensional has designated as approved markets.

#### JPMorgan Strategic Property Fund

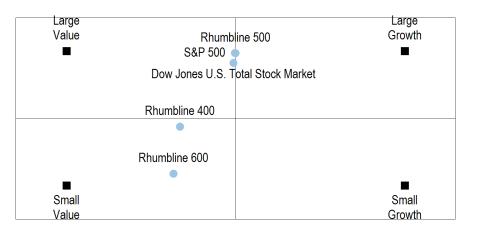
The Strategic Property Fund investment philosophy is based on the belief that consistently excellent investment results can be achieved by investing in a diversified portfolio of dominant, high-quality assets while maintaining a low risk profile across the portfolio. The Fund's research-based portfolio construction process leverages the information advantage created by in-depth real estate expertise and firm-wide research capabilities.

The Fund invests in high-quality stabilized office, retail, residential and industrial assets with dominant competitive characteristics in primary markets with attractive demographics throughout the United States. Properties are well-leased generating significant operating cash flow and a high income return. The Fund does not invest in higher risk sectors such as hospitality, assisted living, self-storage, etc. New development is minimal. When presented with the right opportunity, the Fund will selectively capitalize on development opportunities in order to enter or extend the Fund's presence in key markets with high quality assets but not exceed the Fund's maximum new development guideline of 5%. The Fund seeks to outperform the NCREIF Fund Index – Open End Diversified Core Equity Index ("NFI-ODCE" or "ODCE") through asset, geographic and sector selection and active asset management.

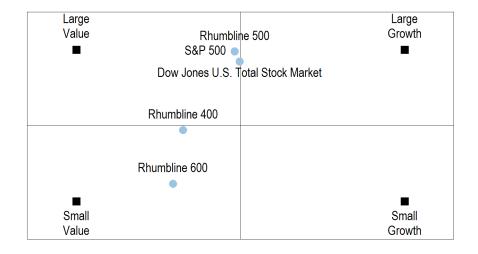
## U.S. Effective Style Map 3 Years Ending September 30, 2016



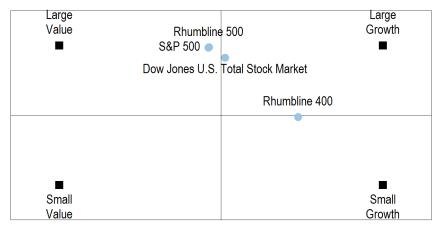
## U.S. Effective Style Map 7 Years Ending September 30, 2016



### U.S. Effective Style Map 5 Years Ending September 30, 2016



### U.S. Effective Style Map 10 Years Ending September 30, 2016



	Domestic Equity	Rhumbline 500	Rhumbline 400	Rhumbline 600	Russell 1000	Russell 3000
Market Value (Mil)	224.11	101.77	37.73	21.39		
Number Of Holdings	1507	505	400	603	994	2955
Characteristics						
Wtg. Avg. Market Cap. (Bil)	86.68	134.82	5.01	1.72	121.39	112.31
Median Market Cap (Bil)	3.11	19.11	3.51	1.02	8.07	1.45
P/E Ratio	23.84	23.16	24.30	26.51	22.88	22.87
Yield	1.91	2.12	1.64	1.38	2.05	1.98
EPS Growth - 5 Yrs.	9.90	9.16	12.69	9.24	9.32	9.34
Price to Book	4.23	4.75	3.54	3.23	4.42	3.83
Beta (holdings; domestic)	1.03	0.97	1.10	1.17	0.99	1.01
Sector Distribution						
Energy	5.91	7.26	3.77	3.24	7.02	6.73
Materials	4.28	2.90	7.17	5.73	3.22	3.33
Industrials	11.86	9.73	14.02	18.15	9.94	10.26
Consumer Discretionary	12.41	12.53	11.55	13.38	12.79	12.77
Consumer Staples	7.64	9.88	4.21	2.99	9.25	8.78
Health Care	12.79	14.63	8.07	12.35	14.15	14.15
Financials	13.74	12.77	14.90	16.30	13.02	13.38
Information Technology	19.76	21.23	17.78	16.26	20.82	20.61
Telecommunication Services	1.84	2.64	0.17	1.00	2.56	2.42
Utilities	3.79	3.29	5.40	3.38	3.26	3.30
Real Estate	5.59	3.06	11.70	6.88	3.97	4.27

Annualized Returns	Sep-16	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Annualized Returns	Sep-16	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Total Fund	3.6%	8.3%	11.3%	6.9%	10.7%	6.3%	Fixed Income	1.0%	5.7%	5.1%	3.6%	3.3%	
Fund Benchmark	<u>3.2%</u>	<u>7.5%</u>	<u>10.6%</u>	<u>6.3%</u>	<u>10.4%</u>	<u>6.1%</u>	Barclays Aggregate	<u>0.5%</u>	<u>5.8%</u>	<u>5.2%</u>	<u>4.0%</u>	<u>3.1%</u>	<u>4.8%</u>
Over/Under	0.5%	0.8%	0.7%	0.6%	0.3%	0.2%	Over/Under	0.5%	-0.1%	-0.1%	-0.4%	0.2%	
Universe Median	3.3%	6.8%	9.8%	6.4%	9.5%	5.7%	Universe Median	0.7%	5.8%	5.4%	4.1%	3.8%	5.1%
Points in Universe	430	429	426	392	354	307	Points in Universe	1449	1448	1448	1421	1362	1057
Universe Quartile Ranking							Universe Quartile Ranking						

Annualized Returns	Sep-16	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs	Annualized Returns	Sep-16	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Domestic Equity	4.4%	9.6%	16.5%	11.0%	16.7%		International Equity	8.0%	11.9%	11.9%	0.1%	6.0%	
<u>S&amp;P 500</u>	<u>3.9%</u>	<u>7.8%</u>	<u>15.4%</u>	<u>11.2%</u>	<u>16.4%</u>	<u>7.2%</u>	MSCI EAFE Gross	<u>6.5%</u>	<u>2.2%</u>	<u>7.1%</u>	<u>0.9%</u>	<u>7.9%</u>	<u>2.3%</u>
Over/Under	0.6%	1.7%	1.0%	-0.2%	0.3%		Over/Under	1.5%	9.7%	4.9%	-0.9%	-1.9%	
								0 -0/	<b>•</b> • • • •	• • • •	• • • • •	o =0/	<b>0 -</b> 0/
Universe Median	5.1%	7.8%	13.2%	9.2%	16.2%	8.0%	Universe Median	6.7%	3.4%	8.4%	2.6%	9.5%	3.5%
Points in Universe	2464	2461	2461	2380	2231	1792	Points in Universe	329	329	329	319	292	212
Universe Quartile Ranking							Universe Quartile Ranking						

# Calculated vs. Manager Produced Performance

September 30, 2016

	As Calcula <u>By Millim</u>		As Calculated <u>By Manager</u>	Index <u>Returns</u>	<u>Milliman vs.</u> <u>Manager</u>	
Equity Portfolios						
Pimco StockPlus Total Return	4.6	%	4.6 %	3.9 %	-0.0 %	
Rhumbline Advisors - S&P 500	3.8		3.9	3.9	-0.0	
Rhumbline Advisors - S&P 400	4.1		4.1	4.1	0.0	
Rhumbline Advisors - S&P 600	7.2		7.2	7.2	0.0	
Fixed Income Portfolios						
Rhumbline Advisors - Barclays U.S. Aggregate	0.4		0.4	0.5	-0.0	
Wellington Management	1.3		1.3	0.3	0.0	
International Equity Portfolios						
Dimensional Fund Advisors	8.1		8.1	9.0	0.0	
Wellington International Quality Growth	N/A		N/A	6.1	N/A	
Real Estate Portfolios						
JP Morgan Strategic Property Fund	1.8		2.1	2.1	-0.3	

\*Performance difference for the JP Morgan Strategic Property Fund is due to 2nd quarter fees being accounted for in the 3rd quarter of 2016.

**Coupon**- Bond instruments typically pay interest in the form of semi-annual coupon payments. If the annual coupon payment value is divided by the par value of the bond, the coupon rate is derived.

**Duration**- The bond portfolio duration most commonly referred to is the Macaulay duration. This is a weighted average maturity, expressed in years. All coupon and principal payments are weighted by the present value term for the expected time of payment.

**Investment Gain/Loss**- The difference in the total dollar value of the portfolio over the past quarter. Changes impacting the dollar value of the portfolio include realized and unrealized capital gains and all cash flows. Cash flows, either contributions or withdrawals, which are made by the plan sponsor are excluded from this calculation.

Income Yield- As referred to in this report, the income yield is calculated on common stock holdings, and is the ratio of the last twelve months dividend payments as a percentage of the most recent quarter-ending stock market value.

Market Capitalization- A security's quarter-ending market value or closing price times the number of common stock shares outstanding.

**Maturity**- The maturity for an individual bond is calculated as the number of years till principal payment. For a portfolio of bonds, the maturity is a weighted average maturity, where the weighting factors are the individual security's percentage of total portfolio market capitalization.

Percentile- For a range of investment manager performance results, from highest to lowest, a percentile is the performance range spanning one percent of the total range.

**Price/Book Value**- For an individual common stock, this is the stock's price divided by book value per share. Book value per share is the company's common stockholder's equity divided by the number of common shares outstanding.

Price/Earnings Ratio- The ratio of a common stock's price divided by earnings per share. The ratio is used as a valuation technique employed by investment managers.

Net Contributions- The sum of contributions to and withdrawals from a portfolio, exclusive of regular interest and dividend payments, and miscellaneous expenses.

**Portfolio Beta**- A common stock's beta, market risk, is the sensitivity of the stock's price in relation to a 1% change in the price of the market benchmark, the S&P 500. A portfolio beta simply weights the individual issues by their percentage of total portfolio market capitalization.

Return on Equity- For a common stock, this is the annual net, after-tax earnings divided by total common stockholder's equity.

**Risk/Reward (Sharpe) Ratio**- This is the difference in a portfolio's annualized return, for the past five years, and the annualized return for 90-day Treasury Bills, divided by the annualized standard deviation for the same time period. The statistic is a risk-adjusted return. The higher the value the better.

Standard Deviation- The degree of variability of a time series, such as quarterly returns, relative to the average. Standard deviation measures the volatility of the time series.