North Carolina Supplemental Retirement Plans

WELLINGTON MANAGEMENT®

Quality Value

13 February 2014

Matthew G. Baker Senior Vice President

Wellington Management Company LLP

Elizabeth O'Hara, CFA Vice President

Wellington Management Company LLP



Agenda

Section One	Wellington Management Company LLP Update
Section Two	Quality Value Portfolio Review
Section Three	Appendix A – Quality Value
Section Four	Appendix B – Opportunistic Growth
Section Five	Appendix C – Global Opportunities



Our distinctive strengths

WELLINGTON MANAGEMENT®

A singular focus on investment management

Comprehensive capabilities

Rigorous proprietary research

Open, collaborative culture

Long-term perspective of a partnership structure

A commitment to bringing the right resources to each client



Our mission is simple: We seek to exceed the investment objectives and service expectations of our clients worldwide.

Wellington Management today

WELLINGTON MANAGEMENT

Diversified asset base

US\$834 billion in client assets under management

43% equity, 41% fixed income, 16% multi-strategy – including 6% in alternatives across all asset classes

Global resources

2,000+ employees

564 investment professionals

11 offices with investment and relationship personnel in key financial centers

Globally integrated research since 1972

Upcoming partner withdrawals

Matt Megargel (Equity Portfolio Manager) - 30 June 2014

Andrew Leeming (Equity Portfolio Manager) - 30 June 2014



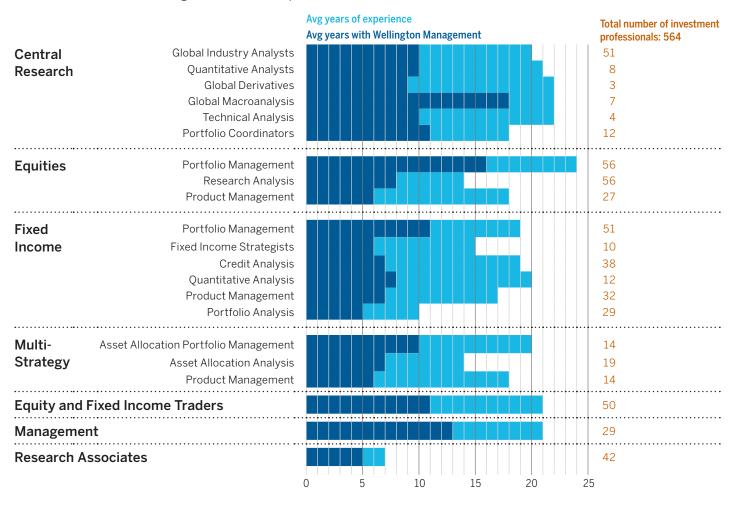
We serve as a trusted adviser and strategic partner to investors worldwide.

As of 31 December 2013

Investors draw on rigorous, proprietary research

Depth, experience, and continuity create interpretation advantage

We conduct research through fundamental, quantitative, macro, and technical lenses



As of 31 December 2013

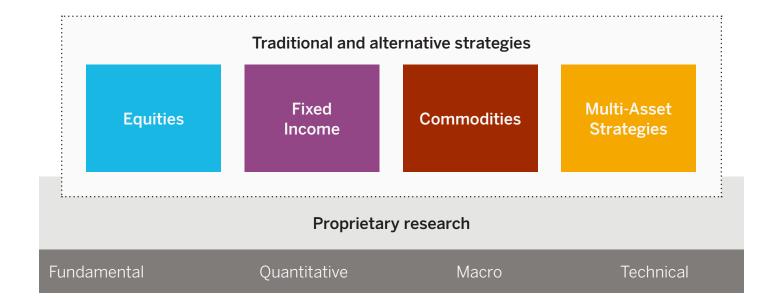
WELLINGTON MANAGEMENT®



Comprehensive capabilities

Across traditional and alternative strategies

We combine stability with agility, global reach with local depth, and broad multi-asset skill with deep specialization to craft the best solutions for clients

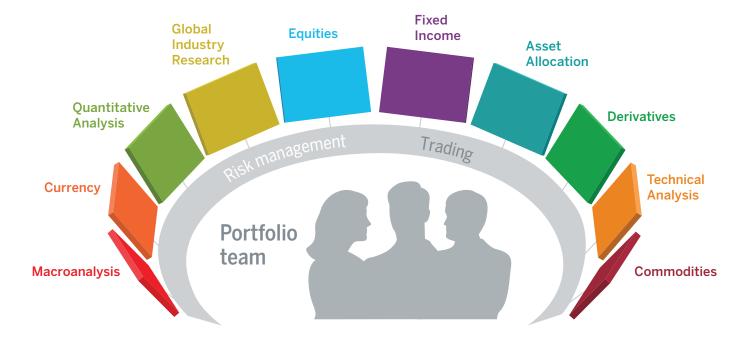




Open, collaborative culture shapes investment process

Investors draw on marketplace of ideas to build portfolios

We believe the best investment thinking is forged by the free exchange of ideas among a broadly diverse group of professionals



Forum for Global Collaboration

Daily Morning Meetings
Future Themes research
Regional strategy meetings
Weekly industry reviews

Lessons Learned sessions
Investor Launch Pad online research exchange
Company management meetings
Investor road trips



12-Mar-09	North Carolina retained Wellington Management Company, LLP to manage a portion of its DC assets in an Opportunistic Growth Portfolio
30-Jun-10	North Carolina retained Wellington Management Company, LLP to manage a portion of its DC assets in a Quality Value Portfolio
31-Jul-10	North Carolina retained Wellington Management Company, LLP to manage a portion of its DC assets in a Global Opportunities Portfolio
21 Dec 12	Maykat Values

31-Dec-13 Market Values

	\$4,420.1 million
DB Portfolios Total	3,530.1
DC Portfolios Total	890.0
Global Opportunities	332.6
Quality Value	283.0
Opportunistic Growth	\$274.3 million



Quality ValueInvestment team and resources



Matthew G. Baker Senior Vice President

Equity Portfolio Manager University of Pennsylvania (Wharton) 2000, MBA 17 years of professional experience 10 years with Wellington Management



Edward P. Bousa, CFA Senior Vice President

Equity Portfolio Manager/Analyst
Harvard Business School
1984, MBA
32 years of professional experience
14 years with Wellington Management



Donald J. Kilbride Senior Vice President

Equity Portfolio Manager/Analyst
University of North Carolina
1991, MBA
25 years of professional experience
12 years with Wellington Management



Peter C. Fisher
Vice President

Equity Research Analyst
University of Chicago
2000, MBA
19 years of professional experience
9 years with Wellington Management



Nataliya Kofman Vice President

Equity Research Analyst
Harvard Business School
2006, MBA
14 years of professional experience
8 years with Wellington Management

Quality Value

Investment team and resources (continued)



Mark E. Vincent Vice President

Equity Research Analyst Cornell University

2008, MBA

11 years of professional experience6 years with Wellington Management



Ellen Chae Vice President

Investment Director

Northwestern (Kellogg)

1997, MBA

18 years of professional experience 2 years with Wellington Management

51 Global Industry Analysts



Fundamental Research

20 years average professional experience 10 years average with Wellington Management



Quality Value

Firmwide resources leveraged by the team

Quality Value PortfolioMatthew Baker

Consumer Staples, Retail, Banks

Don Kilbride

Health Care

Edward Bousa

Diversified Financials, Utilities

Nataliya Kofman

Industrials, Semiconductors, Automobiles, Insurance

Mark Vincent

Info Tech, Telecom Svcs, Media

Peter Fisher

Energy, Materials, Consumer Durables **Global Equity Traders**

21 members

Macroanalysts

7 members

Fixed Income Credit Analysts

38 members

Global Industry Analysts

51 members

Other Value team members

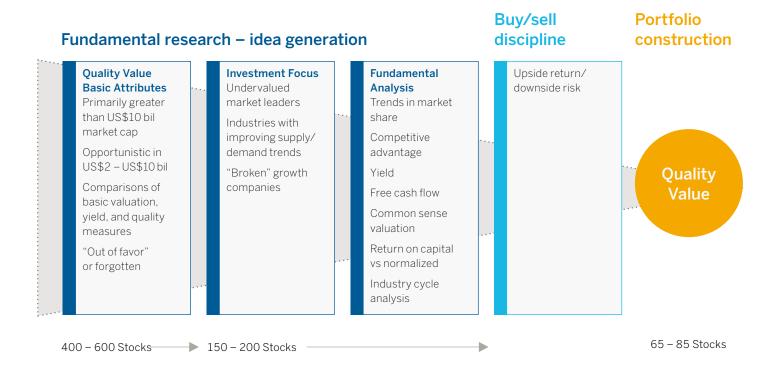
22 members

31 December 2013

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Quality Value

Investment process summary



The above characteristics are sought during the portfolio management process. Actual experience may not reflect all of these characteristics, or may be outside of stated ranges.

North Carolina DC Quality Value

Investment returns (US\$) through 31 December 2013

	Annualized Returns			
	4Q13	1 yr	3 yrs	Since Inception ¹
Quality Value (Gross of fees)	9.4	28.7	14.0	18.6
Quality Value (Net of fees)	9.3	28.3	13.6	18.2
Russell 1000 Value	10.0	32.5	16.1	20.2
	YTD	2012	2011	
Quality Value (Gross of fees)	28.7	14.9	0.1	
Quality Value (Net of fees)	28.3	14.6	-0.2	
Russell 1000 Value	32.5	17.5	0.4	

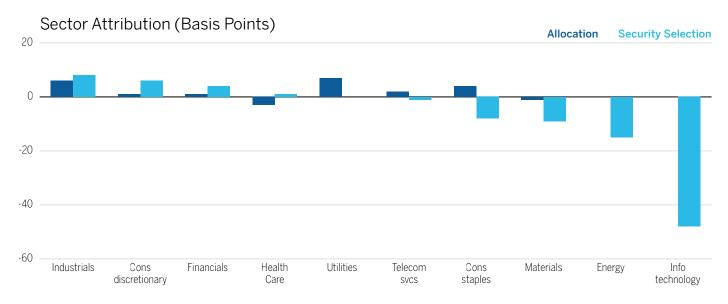
¹Inception date of the Portfolio is 30 June 2010. | Returns for periods less than one year are not annualized.



North Carolina DC Quality Value

Performance review: 4Q2013

Portfolio: 9.4%; Russell 1000 Value Index: 10.0%



Top Relative Contributors

Company	Sector	Relative Impact	End Weight
Textron	Industrials	17 bps	1.0%
CVS Caremark	Cons staples	17	2.0
Ameriprise Financial	Financials	16	1.2
Cardinal Health	Health Care	15	1.1
Berkshire Hathaway ¹	Financials	13	0.0

Top Relative Detractors

Company	Sector	Relative Impact	End Weight
Rayonier	Financials	-23 bps	0.4%
Public Storage	Financials	-15	0.9
EMC	Info technology	-15	1.2
Suncor Energy	Energy	-13	0.0
Goldcorp	Materials	-12	0.4

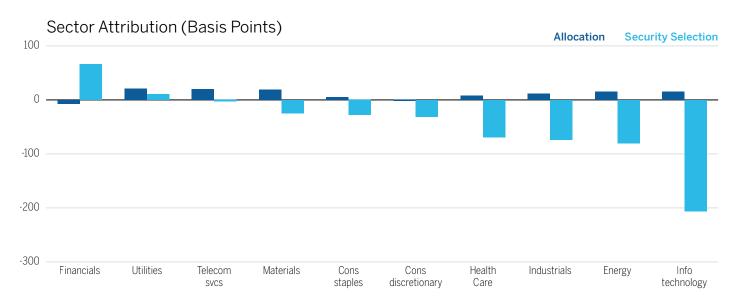
¹Represents stocks that were not held in the portfolio.



North Carolina DC Quality Value

Performance review: 2013

Portfolio: 28.7%; Russell 1000 Value Index: 32.5%



Top Relative Contributors

Company	Sector	Relative Impact	End Weight
Ameriprise Financial	Financials	52 bps	1.2%
Principal Financial Group	Financials	39	0.9
Cardinal Health	Health Care	25	1.1
Newmont Mining ¹	Materials	25	0.0
AT&T	Telecom svcs	21	0.0

Top Relative Detractors

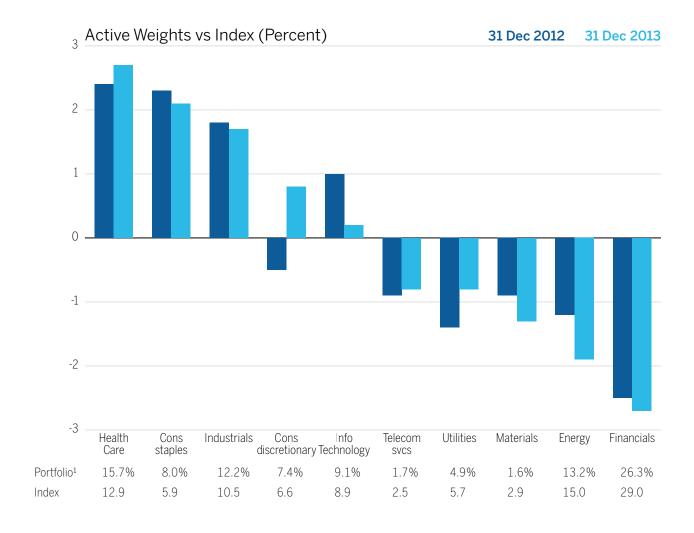
Company	Sector	Relative Impact	End Weight	
Apple ¹	Info technology	-36 bps	0.0%	
Rayonier	Financials	-36	0.4	
Barrick Gold	Materials	-34	0.0	
Northeast Utilities	Utilities	-32	1.6	
EnCana	Energy	-32	0.0	

¹Represents stocks that were not held in the Portfolio.



North Carolina DC Quality Value

Portfolio positioning as of 31 December 2013



¹End Weights as of 31 December 2013. | Russell 1000 Value Index

North Carolina DC Quality Value

Top ten holdings as of 31 December 2013

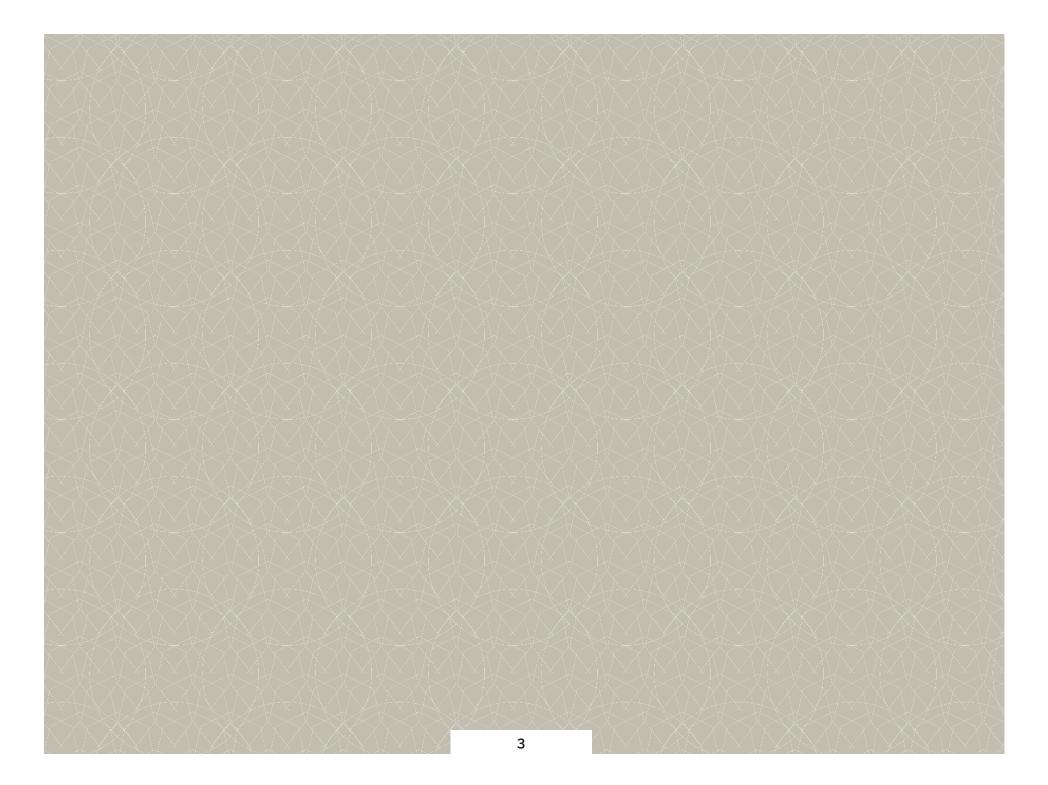
Company	Industry	% of equities	% of Russell 1000 Value Index
ExxonMobil	Energy	4.5	4.8
Wells Fargo	Banks	3.6	2.4
Merck	Pharma, biotech & life sci	3.5	1.6
JPMorgan Chase	Diversified financials	3.3	2.4
Chevron	Energy	2.8	2.6
Pfizer	Pharma, biotech & life sci	2.5	2.2
General Electric	Capital goods	2.5	3.1
Johnson & Johnson	Pharma, biotech & life sci	2.2	2.4
Bank of America	Diversified financials	2.2	1.8
CVS Caremark	Food & Staples Retailing	2.0	0.8
Total of top ten		29.1	24.1

Total number of equity names: 82

North Carolina DC Quality Value

Portfolio characteristics as of 31 December 2013

	Quality Value	Russell 1000 Value Index
Size		
Asset-weighted market cap	US\$117.3 bil	US\$112.9 bil
Median market cap	US\$46.2 bil	US\$6.5 bil
Over US\$10 billion	94%	84%
US\$2 – US\$10 billion	6%	15%
Under US\$2 billion	0%	0%
Valuation		
Projected EPS growth (3 – 5 yrs)	8.5%	8.5%
Projected P/E	13.7x	14.1x
Price/Book	2.2x	1.8x
Yield	2.5%	2.2%
Risk		
Historical beta (3-yr)	0.94	
Historical R ² (3-yr)	0.99	
Historical tracking risk (3-yr)	1.57%	
Turnover (T-12)	41%	



¹Units of cross-sectional standard deviation | Sources: Factset, Barra | Factors are defined in the Barra risk models as identifiable sources of risk that can represent important drivers of both risk and return in equity markets. The active exposures in the table are presented relative to the Russell 1000 Value Index. | Information shown is for a representative account which was selected by the firm because it was deemed to best represent this investment approach. As the designated representative account may change over time, different accounts may be reflected for the time period shown. Each client account is individually managed; actual holdings will vary for each client and there is no guarantee that a particular client's account will have the same characteristics as described above. Representative account information is supplemental to the GIPS* compliant presentation for the Quality Value Composite which is provided in the attachment.

Quality Value

Historical active factor exposures

Quality Value vs Russell 1000 Value Index Barra – active exposure Barra US Long-Term Model (USE3L) US dollar

	31 Dec 2009 ¹	31 Dec 2010 ¹	30 Dec 2011 ¹	31 Dec 2012 ¹	30 Sep 2013 ¹
Size	0.31	0.34	0.34	0.24	0.25
Growth	0.09	0.13	0.19	0.09	0.04
Yield	0.13	0.05	0.06	0.13	0.10
Momentum	-0.05	-0.01	0.01	-0.03	-0.05
Volatility	-0.27	-0.13	-0.15	-0.22	-0.20
Earnings variation	-0.17	-0.14	-0.23	-0.24	-0.23
Value	-0.27	-0.26	-0.20	-0.22	-0.23
Trading activity	-0.32	-0.23	-0.19	-0.28	-0.29
Leverage	-0.30	-0.29	-0.29	-0.24	-0.23

Barra – factor returns Barra US Long-Term Model (USE3L) US dollar

	31 Dec 2009 ¹	31 Dec 2010 ¹	30 Dec 2011 ¹	31 Dec 2012 ¹	30 Sep 2013 ¹
Size	-4.58	-4.70	-1.26	1.31	-1.43
Growth	4.78	0.31	-0.38	-1.85	-0.08
Yield	-1.01	1.48	-0.34	-2.93	-0.13
Momentum	-20.03	1.46	3.42	-0.03	0.18
Volatility	10.32	2.90	-4.15	1.55	4.49
Earnings variation	1.24	0.36	-0.87	1.98	-0.79
Value	0.41	1.57	-1.91	0.99	0.84
Trading activity	4.12	0.75	-2.19	0.63	1.97
Leverage	0.20	1.28	-0.27	3.15	-1.06



Large Cap Value (Representative Account)

Emphasis on safety & quality

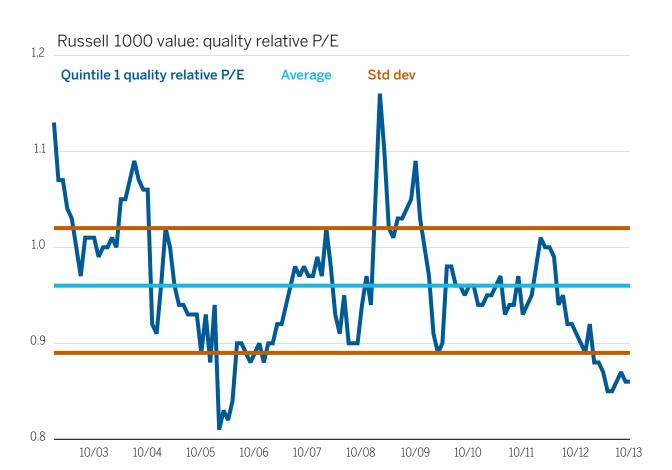
Quality value – safety & quality exposure over time relative to the R1000V



Source: Factset | Quality is the average of high ROIC, low balance sheet leverage, and stable EPS growth. Safety is defined as the average of low price volatility, low earnings volatility, and low balance sheet leverage.

Quality Value

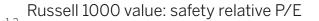
Quality undervalued vs ten-year average



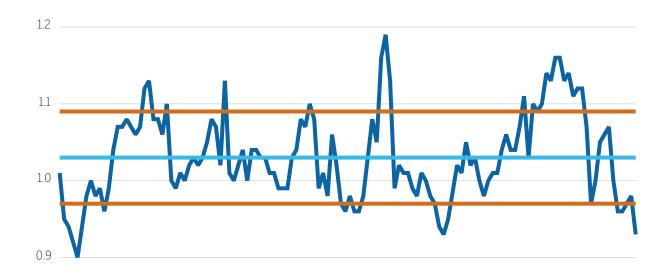
Source: Factset | Quality is the average of high ROIC, low balance sheet leverage, and stable EPS growth.

Quality Value

Safety undervalued vs ten-year average









Source: Factset | Safety is defined as the average of low price volatility, low earnings volatility, and low balance sheet leverage.





Opportunistic Growth

Investment Objective and Approach

Investment objective

Seeks to consistently outperform the growth indexes and, longer term, the broader market

Investment approach

Bottom-up stock selection based on rigorous fundamental research and access to corporate decision makers

We create a portfolio based on three principles

- Sustainable growth focus
- Indentifiable competitive barriers to entry
- Superior business models

North Carolina DC Opportunistic Growth

Investment Returns (US\$) Through 31 December 2013

Opportunistic Growth (Gross of fees)	4Q13 9.8	Annualized Returns		
		1 yr 37.5	3 yrs 15.2	Since Inception ¹ 24.4
Russell 3000 Growth	10.2	34.2	16.5	24.2
	2013	2012	2011	2010
Opportunistic Growth (Gross of fees)	37.5	21.9	-8.7	22.0
Opportunistic Growth (Net of fees)	37.1	21.5	-9.1	21.6
Russell 3000 Growth	34.2	15.2	2.2	17.6

¹Inception date of the Portfolio is 12 March 2009 | Returns for periods less than one year are not annualized





Global Opportunities

Investment objective and distinguishing characteristics

Investment objective

Seeks to outperform the MSCI All Country World Index consistently over rolling 3-year periods

Distinguishing characteristics

Experienced team and broad research resources

- Developed and emerging markets experience
- Industry, macro, and fixed income specialists

Return on capital approach

- Underestimated improvement and/or sustainability of returns
- Emphasis on assets and management (cash generation, capital allocation)
- Macro dynamics: industry structure, change (cyclical, secular)

Balanced portfolio construction across a broad universe

Diverse holdings and economic exposures

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North Carolina DC Global Opportunities

Investment returns (US\$) through 31 December 2013

	4Q13	Annualized returns (%)		
		1 yr	3 yrs	Since Inception ¹
Global Opportunities (Gross of fees)	9.5	34.6	14.8	18.0
Global Opportunities (Net of fees)	9.4	34.0	14.2	17.4
MSCI All Country World	7.4	23.4	10.3	13.6
	2013	2012	2011	
Global Opportunities (Gross of fees)	34.6	21.6	-7.6	
Global Opportunities (Net of fees)	34.0	21.0	-8.0	
MSCI All Country World	23.4	16.8	-6.9	

¹Inception date is 31 July 2010 | Performance returns for periods one year or less are not annualized.

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