

NORTH YORKSHIRE COUNTY COUNCIL

PENSION FUND COMMITTEE

15 SEPTEMBER 2016

PERFORMANCE OF THE FUND'S PORTFOLIO FOR THE QUARTER
ENDING 30 JUNE 2016

Report of the Treasurer

1.0 PURPOSE OF REPORT

- 1.1 To report the investment performance of the overall Fund, and of the individual Fund Managers, for the Quarter to 30 June 2016.

2.0 PERFORMANCE REPORT

- 2.1 The Fund Analysis & Performance Report (**Appendix 1**) produced by BNY Mellon Asset Servicing (MAS) provides a performance analysis of the North Yorkshire Pension Fund for the quarter ending 30 June 2016.
- 2.2 The report highlights the performance of the total Fund by asset class against the customised Fund benchmark. It also includes an analysis of the performance of each manager against their specific benchmark and a comparison of performance levels over time.

3.0 PERFORMANCE OF THE FUND

- 3.1 The absolute overall return for the quarter (+4.7%) was below the customised benchmark for the Fund (+5.7%) by 1.0%.
- 3.2 The 12 month absolute rolling return was +7.3%, 2.3% below the customised benchmark of +9.6%.
- 3.3 Absolute and relative returns over the rolling years to each of the last four quarter ends were as follows.

Year End	Absolute %	Relative %
30 June 2016	+7.3	-2.3
31 March 2016	+0.4	-0.7
31 December 2015	+6.2	+1.8
30 September 2015	+5.7	+0.8

- 3.4 The performance of the various managers against their benchmarks for the Quarter ended 30 June 2016 is detailed on **page 8** of the MAS report and in **Section 4** below. This performance is measured on a time-weighted basis and expressed as a +/- variation to their benchmark.

- 3.5 The Appendices used in this report have been designed to present a fuller picture of recent investment performance.

Appendix 2 Fund Manager Performance over the three years to 30 June 2016 in absolute percentage terms from a starting point of “100”

Appendix 3 Solvency graph – this shows the key Asset, Liability and Deficit figures in a simple graphical format

Appendix 4 Solvency position (in % and £ terms) since the 2004 Triennial Valuation; this Appendix also shows in absolute terms the +/- in the value of assets and liabilities of the Fund

- 3.6 The separate reports of the Investment Adviser and Investment Consultant explain developments in the financial markets and in NYPF's investments, and also look ahead over the short, medium and longer term.

4.0 FUND MANAGER PERFORMANCE

- 4.1 In monetary terms, the absolute return of +4.7% in the Quarter increased the invested value of the Fund by £130m. This Quarter 2 managers/funds outperformed their respective benchmarks, one matched their benchmark and 9 underperformed against their respective benchmarks. At the end of the June 2016 quarter the value of the Fund was £178m above the value at the end of June 2015, an increase of 7.5%.

Overseas Equities

- 4.2 Fidelity produced a relative return in the quarter that matched the benchmark return of +7.4%. Relative performance over the year to June 2016 was -1.8% against the benchmark of 10.5%. Over the last 5 years the manager has exceeded the benchmark by +0.6% p.a. (gross of fees).

Global Equities

- 4.3 The Global Alpha fund managed by Baillie Gifford returned -1.8% for the quarter against a benchmark return of +8.8%. Relative performance over the longer term was -1.8% over 1 year and +1.8% p.a. over 5 years. Since inception in 2006, the Fund has outperformed the FTSE All World by 1.9% p.a.

The LTGG fund, also managed by Baillie Gifford produced a return for the quarter of +7.4% against a benchmark return of +8.8%. LTGG is a relatively concentrated fund and short term volatility is to be expected. Relative performance over the longer term was -0.7% over 1 year and +3.3% p.a. over 5 years.

The recently invested Global equity funds Veritas and Dodge & Cox returned +6.1% and +8.7% respectively against the MSCI All Country World benchmark of +8.8%. Both managers invest on a global unconstrained basis so this benchmark is for performance measurement purposes only. Since inception in April 2015 Veritas returned +6.9% and Dodge & Cox -2.5% against the benchmark return of -4%.

UK Equities

- 4.4 **Standard Life** produced an absolute return of -6.3% for the quarter. This represents an underperformance against a benchmark return of -3.4%. Relative performance for the year was a disappointing -8.3% against the benchmark of -5.8%. Relative annualised performance over the longer term was -1.5% pa over five years.

Fixed Income

- 4.5 **ECM** produced 0.8% relative against cash (+0.1%) for the quarter and also 0.8% relative for the year. Annualised performance for the 5 years to June 2016 was +1.9% relative against a benchmark of +0.5%.
- 4.6 The investment in Gilts with **M&G** slightly underperformed against the liability matching benchmark of +13.1% for the quarter to March 2016 by -0.2%. Performance for the year was +1.3% above the benchmark return of 21.1%, and annualised performance since inception in 2010 was +0.8% pa above the benchmark of +10.9%.

Property

- 4.7 The investments with **Hermes, L&G and Threadneedle** produced -0.1%, -3.9% and -5.4% respectively in relative terms, against the property index for each manager in the quarter to June 2016.
- 4.8 Over the year to June 2016 **Hermes** outperformed against the benchmark, returning in absolute terms +10.8% against a benchmark of 8.9%. **L&G and Threadneedle** underperformed returning +2.5% and +2.9% respectively in absolute terms against the benchmark of +7.2%.

Diversified Growth Funds

- 4.9 The Investment with the **Standard Life Global Absolute Return Strategy (GARS)** Fund produced a relative under-performance for the quarter of -1.2% against a cash benchmark of +0.1%. The **Newton Investments Real Return Fund** produced a relative over-performance for the quarter of 4.1% against the same cash benchmark.
- 4.10 Over the period since inception in March 2013, in absolute terms, **Standard Life** returned +2.3% pa against cash of +0.5% and a performance target of +5.5% and **Newton** +3.9% pa against cash of +0.5% and a performance target of +4.5%.

5.0 RISK INDICATORS

- 5.1 The Report (pages 10 and 11) includes three long-term risk indicators.
- 5.2 The Fund's annualised **Standard Deviation**, which is a reflection of volatility, was 7.5% for the rolling three year period to June 2016, 0.8% above the benchmark.

- 5.3 The **Sharpe Ratio** is a measure of how well the return compensates an investor relative to the risk taken. A higher Sharpe Ratio reflects a better return for a given level of risk or lower risk for a given level of return. The ratio for the Fund for the rolling three year period to June 2016 is +0.1% above the benchmark.
- 5.4 The **Tracking Error** figure reflects how closely a fund manager's actual return follows their respective benchmark. As at June 2016 the figure was 2.4%.
- 5.5 The **Information Ratio** is a measure of excess returns in relation to the benchmark and the consistency of those returns. A high IR could be derived from a high portfolio return, a low benchmark return and a low tracking error. For the period up to June 2016 the ratio for the Fund was +0.6%.

6.0 SOLVENCY

- 6.1 The **solvency position** is presented in **Appendices 3 and 4**. As at 31 June 2016 the estimated solvency was 81%. This is a 9% increase from the solvency figure as at 31 March 2016 and is also an increase of 8% from the 2013 Actuarial Valuation figure.
- 6.2 This increase in solvency is due primarily to changes in the assumptions used. In previous quarters liabilities have been valued on a Gilts basis as this was the approach used at the 2013 Triennial Valuation. For the June quarter, the provisional 2016 Triennial Valuation assumptions have been used which include the discount factor based on the Fund's assets rather than on Gilts.

7.0 REBALANCING

- 7.1 As discussed at the PFC meeting on 7 July 2016, an opportunity arose in the quarter ending 30 June 2016 to purchase additional units in the Threadneedle Property Fund. In total an additional £65m was invested with Threadneedle in the quarter increasing the investment in the TPEN fund to £145m. £25m of this was disinvested from Standard Life and the remaining £40m used up the Funds accumulated cash surplus, supplemented by a short term borrowing arrangement. This arrangement will need to be addressed by a small disinvestment (approximately £15m) from one of the Funds investment managers in September. Officers will discuss the most appropriate approach with the Fund's Investment Consultant and will update Members at the meeting.

8.0 PROXY VOTING

- 8.1 The report from PIRC is available on request summarising the proxy voting activity in the period April 2016 to June 2016. This report covers the votes cast on behalf of NYPF at all relevant company AGMs in the period and includes an analysis of voting recommendations at selected meetings and responses to company engagement.

9.0 RECOMMENDATION

9.1 Members are asked to note the investment performance of the Fund for the Quarter ending 30 June 2016.

GARY FIELDING
Treasurer
Central Services
County Hall
Northallerton

6 September 2016



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North Yorkshire Pension Fund

3 Months Ending 30 June 2016

Fund Analysis & Performance Report





Fund Analysis			
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Executive Summary

Market Review

Market Briefing - Quarter Ended 30 June 2016

Market Summary

During the 2nd quarter of 2016, returns were primarily positive with the only exception being Property, FTSE 250 and FTSE Small Cap. Fixed Income market alongside cash achieved positive returns.

UK Equities

In Quarter Two 2016 the FTSE 100 was the best performing index with a return of 6.5%, followed by the FTSE 350 with a return of 4.9%. The FTSE 250 was the weakest performing sector with a return of -2.9%. Over the one year period ending 30th June 2016, The FTSE 100 was the best performing index with a return of 3.8%, followed by the FTSE 350 with a return of 2.3%. The FTSE 250 was the weakest performing sector with a return of -4.6%.

Oil and Gas was the best performing industry sector with a return of 24.1% for the quarter. The weakest performing sector was Consumer Services with a return of -7.5%. Over the one year period returns ranged from 24.5% for Consumer Goods to -15.6% for Financials. Utilities was the second best performing sector with a return of 20.3%.

Overseas Equities

Most Overseas Equity markets achieved positive returns with the exception of Italy.

Within Europe, Norway was the best performing country with a return of 10.3%. This was followed by Belgium with a return of 9.5%. The weakest performing country was Ireland with a return of -7.4%. Over the one year period, Belgium was the strongest performing country with a return of 22.1%, and Greece the weakest with a return of -57.4%.

Outside the Europe, Brazil was the best performing country with a return of 23.0%. Brazil was followed by Canada with a return of 10.5%. Mexico was the weakest performing country with a return of 0.5%.



Market Review

UK Bonds

For UK-Bonds the second quarter returns were positive for all the sectors. UK-Gilts outperformed Non-Gilts with a return of 6.2% compared to 4.2%. Within Gilts, Long-dated Gilts was the strongest performing sector with a return of 11.8%. Short-dated Gilts was the weakest performing sector with a return of 1.1%.

Over the one year period ending 30th June 2016, UK-Gilts was the best performing sector with a return of 13.5% compared to the return of 8.9% for Non-Gilts. Within Gilts, Long-dated Gilts provided the strongest performance with a return of 24.1%, whilst the weakest came from Short-dated Gilts with 3.3%.

Overseas Bonds

The second quarter saw positive returns for Overseas Bonds. Within Europe, Denmark was the best performing country with a return of 9.0%. Italy was the weakest performing country with a return of 5.3%. Outside Europe, Japan was the best performing country with a return of 21.4%. Australia was the weakest performing country outside Europe with a return of 7.7%.

Over the twelve month period, most European Bonds saw positive returns. Belgium provided the strongest performance with a return of 29.7%, followed by Denmark with a return of 29.3%. Outside Europe, the best performance came from the Japan with a return of 54.3%. The weakest performing country was Canada with a return of 19.0%.

UK Index-Linked Gilts

UK Index Linked-Gilts achieved a positive return of 9.8% for the second quarter of 2016. Within this sector, Long-dated Index-Linked Gilts provided the strongest performance with a return of 13.4%, whereas the weakest performance was provided by Short-dated Index-Linked Gilts with return of 1.4%.

Over the one year period to 30th June 2016, on an overall basis UK Index-Linked Gilts achieved a return of 14.8%. Over the same period, Long-dated Index-Linked Gilts was the strongest performing sector with a return of 20.7%, whereas Short-dated Index Linked Gilts showed the weakest performance, returning 1.9%.

UK Cash and Property

Property recorded a negative return of -0.2% for the quarter. The overall return for the one year period ending 30th June 2016 was 5.4%. Cash achieved a return of 0.1% over the quarter and 0.4% over the last twelve months.



Fund Performance, Risk and Allocation Highlights

During the second quarter of 2016, the fund returned 4.68% versus its benchmark of 5.71%, thereby underperforming by 1.03%. In terms of longer period performance, the fund has outperformed over 3 years by 1.55% p.a.

At asset class level, Alternative is the best performing sector which outperformed its benchmark by 1.00%. Property however underperformed the benchmark by 3.84%.

Over the quarter, three accounts outperformed their benchmarks. The best performance (excluding the Cash Account) was shown by Newton Diversified Manager which outperformed its benchmark by 4.06%.

For asset allocation the fund is closely matched to the benchmark with the largest variances being in UK Equities and Alternatives where the fund is 4.01% and 1.78% underweight respectively.

Fund Allocation



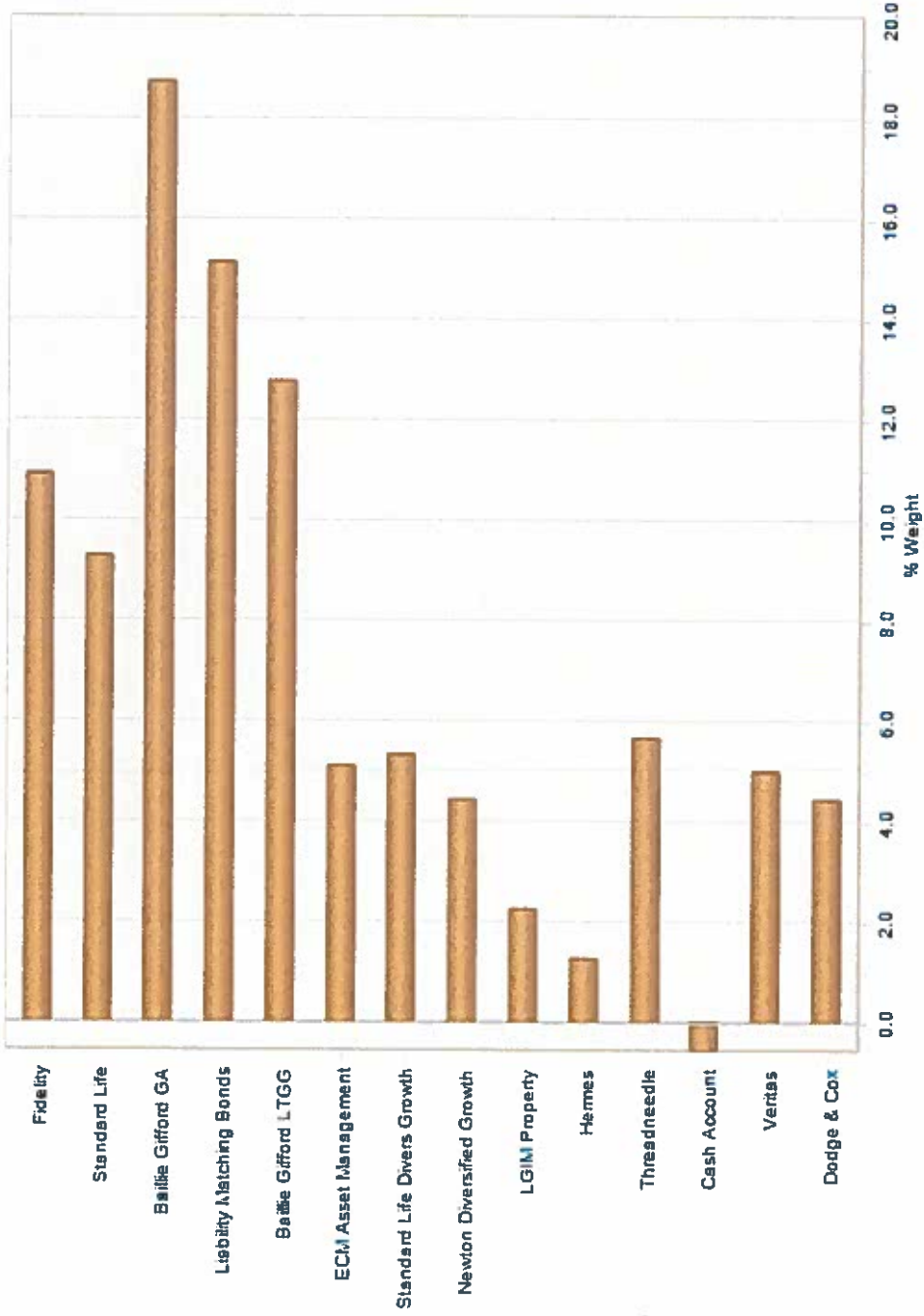
North Yorkshire County Council - 3 Months Ending 30 June 2016



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Fund Allocation - Managers

Manager Allocation - 3 Months Ending 30 June 2016



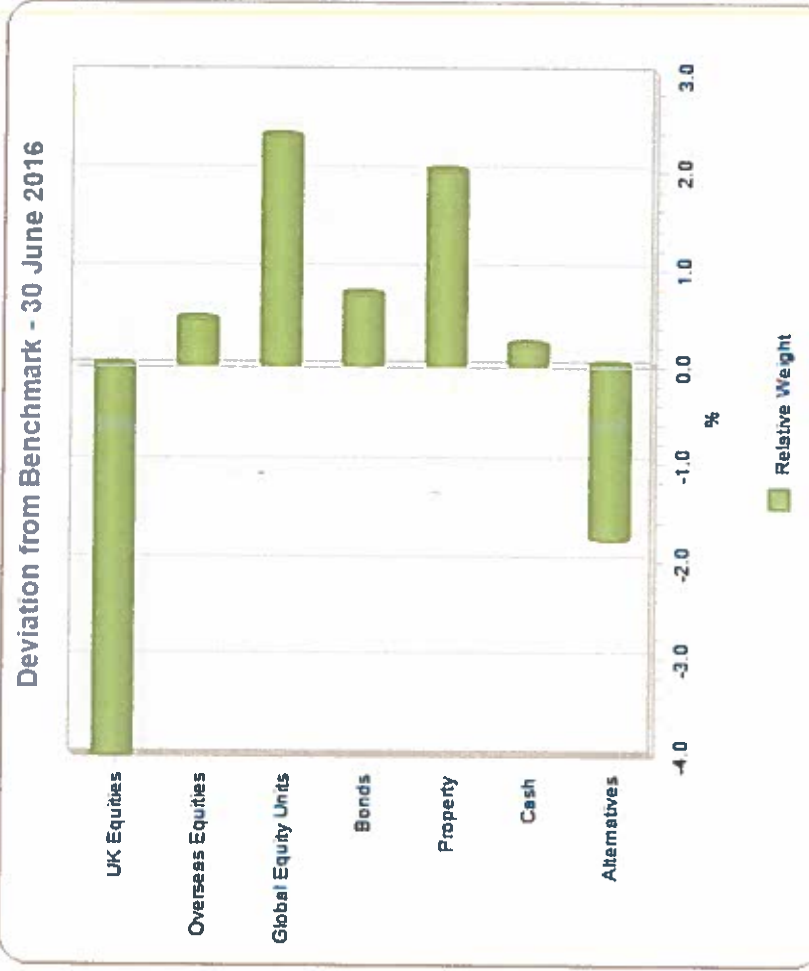
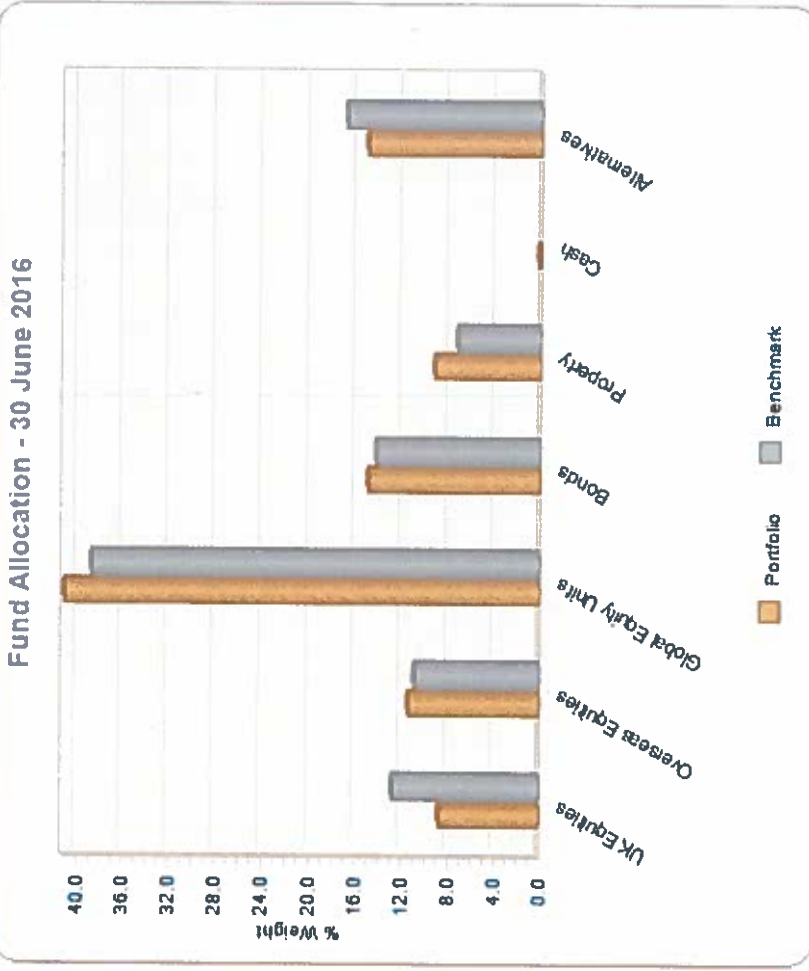
Manager	Weight (%)
Fidelity	10.95
Standard Life	9.32
Baillie Gifford GA	18.73
Liability Matching Bonds	15.16
Baillie Gifford LTGG	12.77
ECM Asset Management	5.12
Standard Life Divers Growth	5.33
Newton Diversified Growth	4.47
LGIM Property	2.26
Hermes	1.26
Threadneedle	5.68
Cash Account	-0.54
Veritas	5.01
Dodge & Cox	4.47

North Yorkshire County Council - 3 Months Ending 30 June 2016

Fund Allocation - Relative Analysis



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	UK Equities	Overseas Equities	Global Equity Units	Bonds	Property	Cash	Alternatives
Portfolio	8.59	11.27	40.97	14.83	9.21	0.21	14.92
Benchmark	12.60	10.80	38.60	14.10	7.20	0.21	16.70
Relative Weight	-4.01	0.47	2.37	0.73	2.01	0.00	-1.78



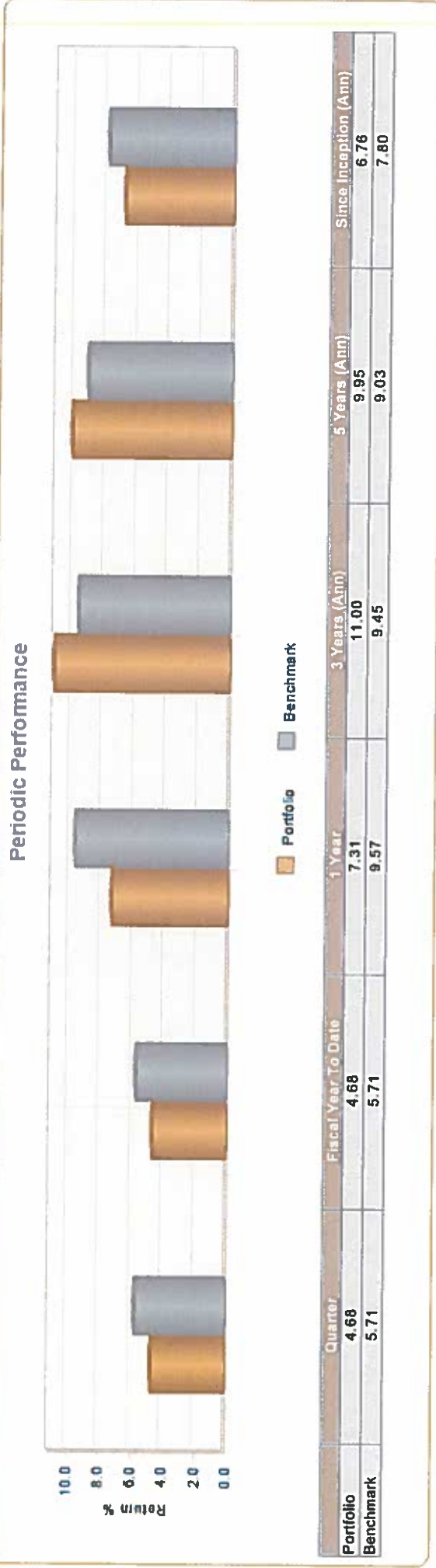
Fund Performance

North Yorkshire County Council - 3 Months Ending 30 June 2016

Fund Performance - Summary



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Inception Date: 31 Jan 2002

Ann = Annualised

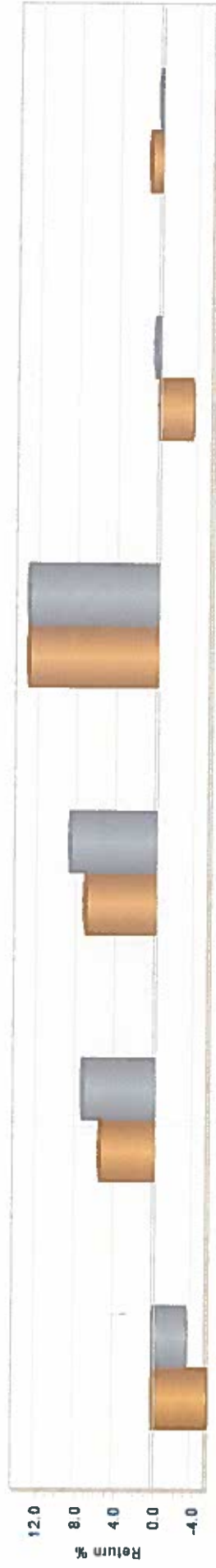
North Yorkshire County Council - 3 Months Ending 30 June 2016

Fund Performance - Segment Analysis



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Segment Performance - 3 Months Ending 30 June 2016



Portfolio Benchmark

	UK Equities	Overseas Equities	Global Equity Units	Bonds	Property	Alternatives
Portfolio	-5.45	5.61	7.21	12.99	-3.30	1.13
Benchmark	-3.45	7.42	8.79	13.13	0.54	0.13

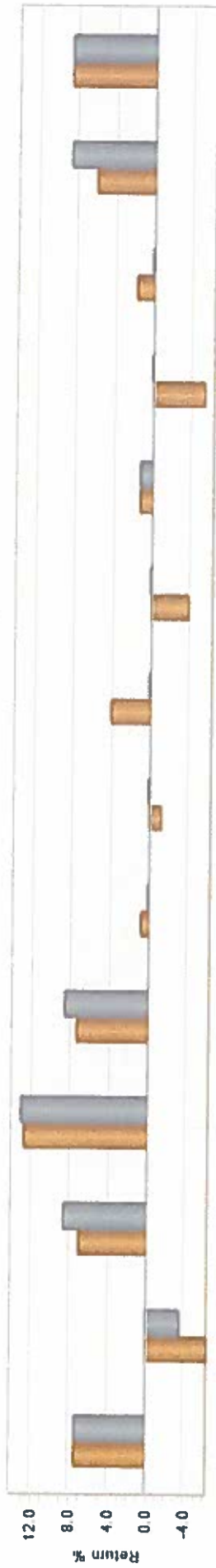
North Yorkshire County Council - 3 Months Ending 30 June 2016

Fund Performance - Manager Overview



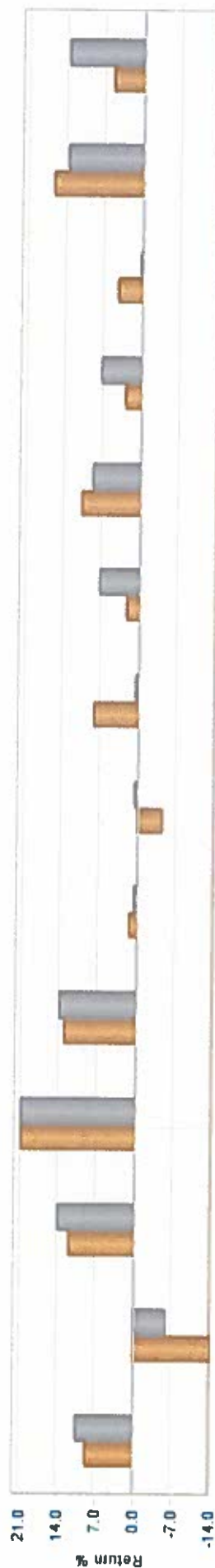
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Manager Performance - 3 Months Ending 30 June 2016



Portfolio Benchmark

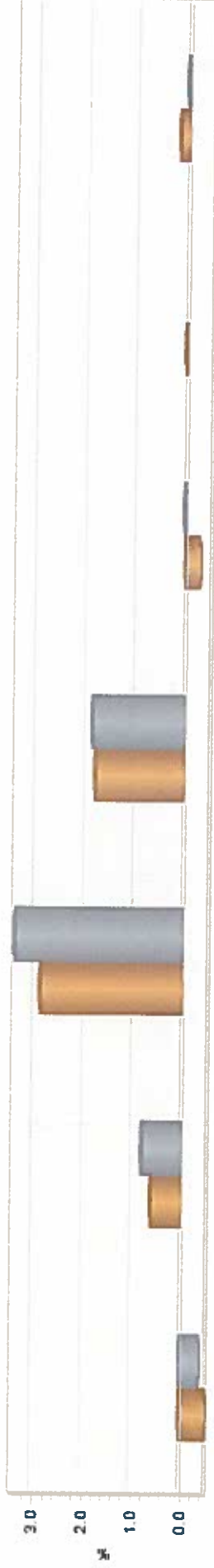
Manager Performance - 1 Year Ending 30 June 2016



Portfolio Benchmark

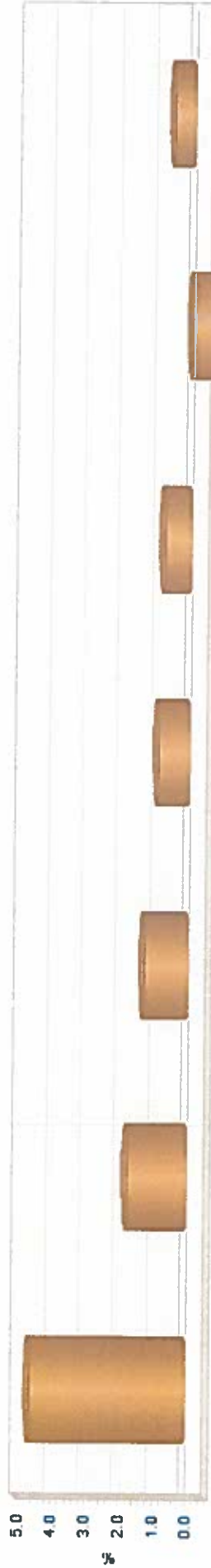


Source of Contribution - Quarter to 30 June 2016



	UK Equities	Overseas Equities	Global Equity Units	Bonds	Property	Cash	Alternatives
Portfolio	-0.52	0.62	2.88	1.79	-0.28	0.02	0.18
Benchmark	-0.40	0.80	3.39	1.86	0.02	0.02	0.02

Top 5 Manager Contribution - Quarter to 30 June 2016



	Total Consolidation	M&G	Baillie Gifford GA	Baillie Gifford LTGG	Fidelity	Standard Life	Remaining Managers
Portfolio	4.68	1.79	1.29	0.91	0.78	-0.68	0.58



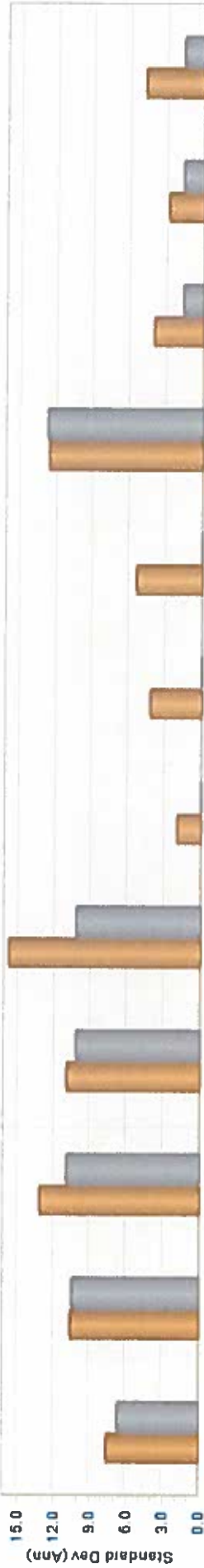
North Yorkshire County Council - 3 Months Ending 30 June 2016

Risk Profile - Historic Risk



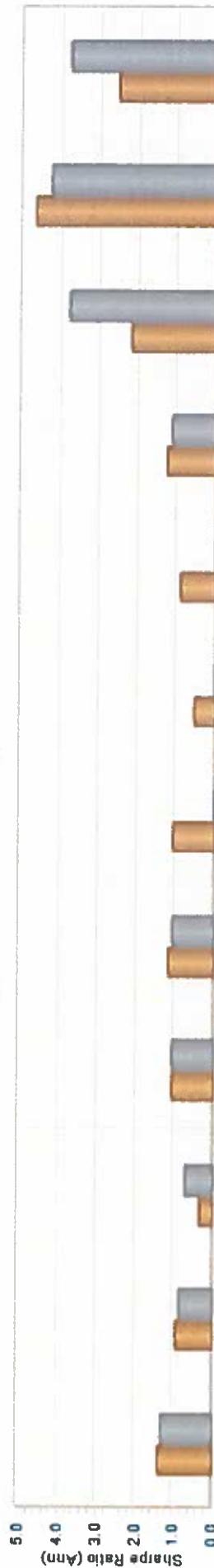
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Standard Deviation - 3 Years (Ann) to 30 June 2016



Portfolio Benchmark

Sharpe Ratio - 3 Years (Ann) to 30 June 2016



Portfolio Benchmark

Ann = Annualised



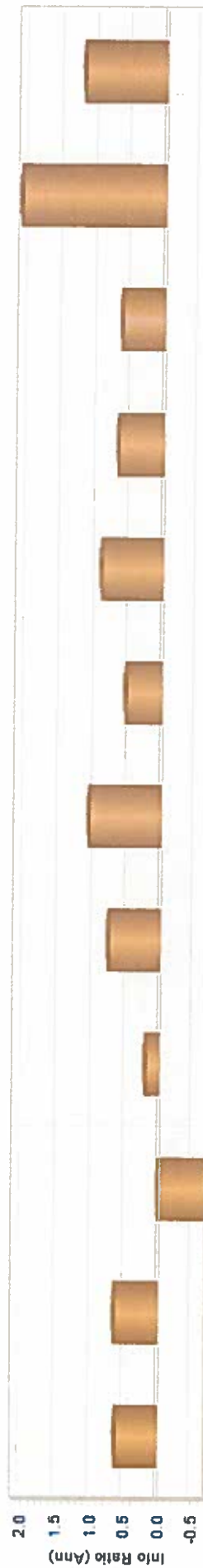
Tracking Error - 3 Years (Ann) to 30 June 2016



Portfolio

Portfolio	Total Consolidation	Fidelity	Standard Life	Baillie Gifford GA	Baillie Gifford LTGG	ECM/Asset Management	Standard Life Divers Growth	Newton Diversified	M&G	LGIM Property	Hermes	Threadneedle
	2.41	1.35	4.22	4.38	10.29	1.98	4.14	5.30	1.28	3.96	3.18	4.86

Information Ratio - 3 Years (Ann) to 30 June 2016



Portfolio

Portfolio	Total Consolidation	Fidelity	Standard Life	Baillie Gifford GA	Baillie Gifford LTGG	ECM/Asset Management	Standard Life Divers Growth	Newton Diversified	M&G	LGIM Property	Hermes	Threadneedle
	0.61	0.64	-0.72	0.21	0.75	1.07	0.52	0.89	0.67	0.63	2.10	1.19

Ann = Annualised

North Yorkshire County Council - 3 Months Ending 30 June 2016

Risk Profile - Consistency Analysis



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Manager	Active Number of Months	Number of Positive Months	Consistency Rate (%)	Benchmark Consistency (%)	Outperformance (%)
Total Consolidation	174	112	64	67	55
Fidelity	92	58	63	49	54
Standard Life	117	64	55	38	54
Baillie Gifford GA	117	72	62	43	55
Amundi	125	73	58		
Baillie Gifford LTGG	118	70	59	42	53
ECM Asset Management	132	87	66	55	61
Standard Life Divers Growth	40	25	63	100	60
Newton Diversified Growth	40	22	55	100	55
M&G	55	31	56	62	55
LGIM Property	43	39	91	86	60
Hermes	52	40	77	82	56
Threadneedle	49	45	92	85	71
Veritas	15	8	53	60	53
Dodge & Cox	15	8	53	60	27



North Yorkshire County Council - 3 Months Ending 30 June 2016

Fund Profile - Movement of Funds



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Manager Name	Market Value 31-Mar-2016 (000's)	Net Contributions (000's)	Income (000's)	Gain/Loss (000's)	Market Value 30-Jun-2016 (000's)	% Change
Total Consolidation	2,418,431.80	16,401.00	6,957.87	106,992.02	2,548,782.70	5.39
Total Consolidation	2,418,431.80	16,401.00	6,957.87	106,992.02	2,548,782.70	5.39
Fidelity	259,850.22	0.00	2,464.40	16,774.23	279,088.86	7.40
Standard Life	279,633.91	-25,000.00	3,159.88	-20,164.20	237,629.60	-15.02
Baillie Gifford GA	445,906.15	0.00	0.00	31,388.16	477,294.31	7.04
Baillie Gifford LTGG	303,055.10	0.00	0.00	22,414.37	325,469.47	7.40
ECM Asset Management	129,394.54	0.00	0.00	1,141.73	130,536.27	0.88
Standard Life Divers Growth	137,312.27	0.00	0.00	-1,483.72	135,828.55	-1.08
Newton Diversified Growth	109,409.53	0.00	0.00	4,576.74	113,986.27	4.18
M&G	342,475.30	-159.99	908.52	43,290.61	386,514.44	12.86
LGIM Property	60,028.86	0.00	0.00	-2,305.12	57,723.74	-3.84
Hermes	32,112.83	-349.02	349.02	64.14	32,176.97	0.20
Threadneedle	84,911.03	65,000.00	0.00	-5,149.23	144,761.80	70.49
Cash Account	9,135.07	-23,089.97	76.04	-1.86	-13,880.72	-251.95
Ventias	120,396.65	0.00	0.00	7,315.90	127,712.55	6.08
Dodge & Cox	104,729.56	0.00	0.00	9,130.27	113,859.83	8.72



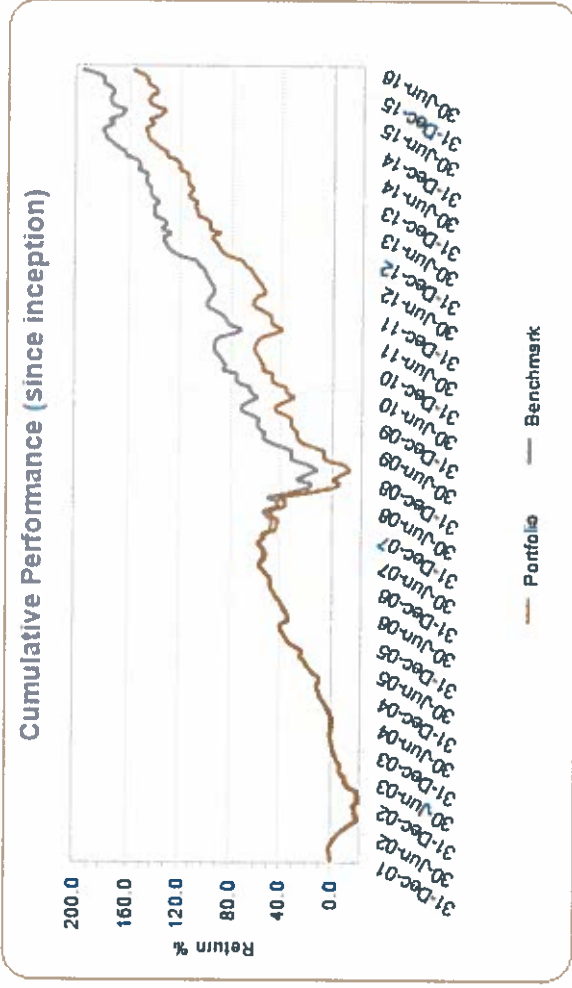
Manager Analysis

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Total Consolidation



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Inception Date: 31 Jan 2002

Portfolio Size and Mandate	
Portfolio Size (GBP)	2,548,782,696
Portfolio Mandate	Total Plan

Allocation - 30 June 2016						
Portfolio Benchmark	UK Equities	Overseas Equities	Global Equity	Bonds	Property	Cash
	12.60	10.80	38.60	14.83	9.21	0.21
	8.59	11.27	40.97	14.10	7.20	14.92
						16.70

Periodic Performance

	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	4.7	4.7	7.3	11.0	10.0	6.8
Benchmark	5.7	5.7	9.6	9.5	9.0	7.8

Risk Profile - 3 Years (Ann) to 30 June 2016

	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	7.5	1.4	2.4	0.6
Benchmark	6.7	1.3		

Summary - 3 Months Ending 30 June 2016

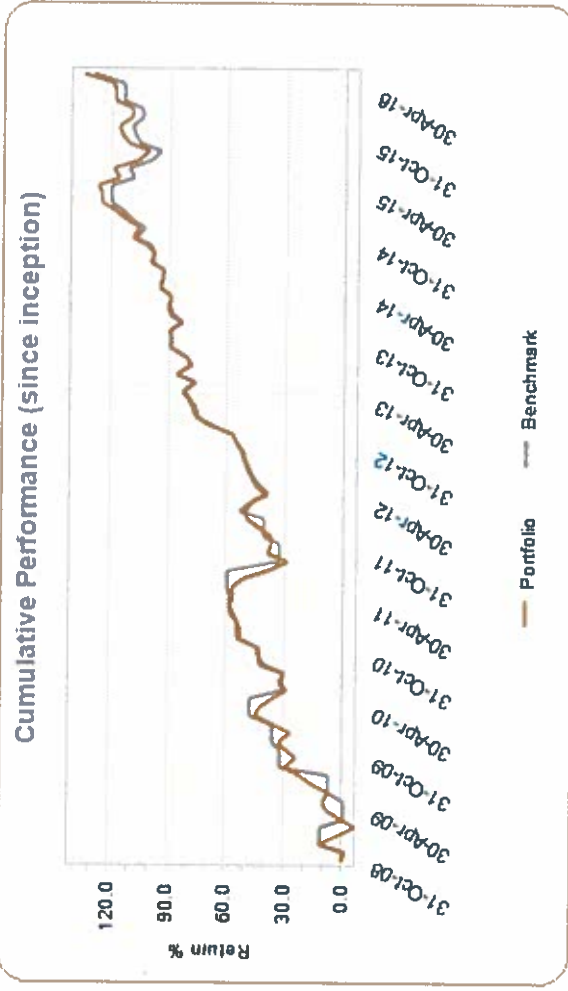
The fund's relative performance of the Quarter and 1 Year was -1.0% and -2.3% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Fidelity



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Inception Date: 30 Nov 2008

Portfolio Size and Mandate	
Portfolio Size (GBP)	279,088,858
Portfolio Mandate	Global Equities

Allocation - 30 June 2016	
UK Equities	0.00
Overseas Equities	98.99
Cash	1.01
Portfolio Benchmark	100.00

Periodic Performance						
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	7.4	7.4	8.7	10.1	8.3	11.8
Benchmark	7.4	7.4	10.5	9.2	7.7	11.5

Risk Profile - 3 Years (Ann) to 30 June 2016			
	Standard Deviation	Sharpe Ratio	Information Ratio
Portfolio	10.5	0.9	0.6
Benchmark	10.5	0.8	1.4

Summary - 3 Months Ending 30 June 2016

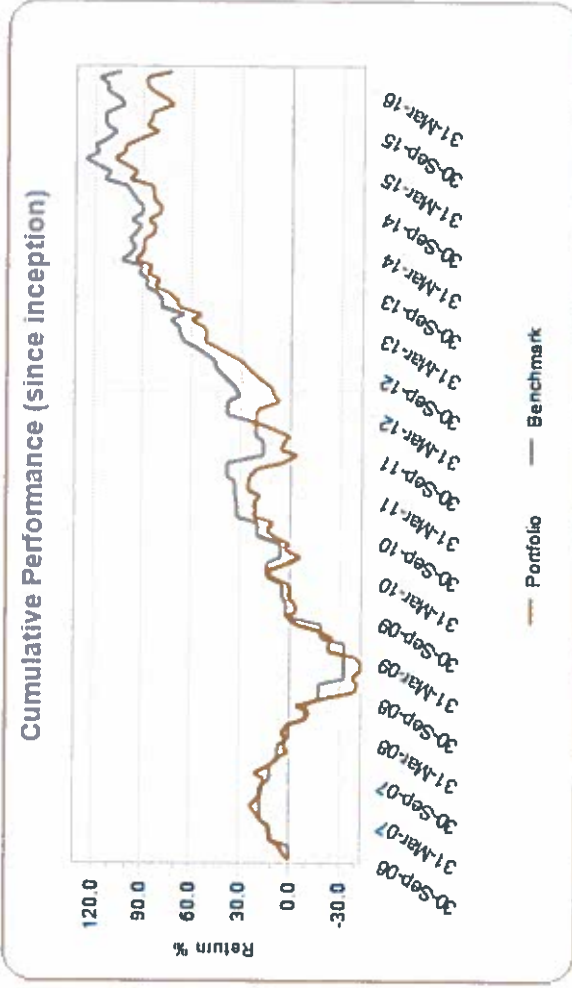
The manager's relative performance of the Quarter and 1 Year was 0.0% and -1.8% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Standard Life



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Inception Date: 31 Oct 2006

Portfolio Size and Mandate	
Portfolio Size (GBP)	237,629,599
Portfolio Mandate	UK Equities

Allocation - 30 June 2016	
UK Equities	92.13
Overseas Equities	4.57
Cash	3.30
Portfolio Benchmark	100.00

Periodic Performance

	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	-6.3	-6.3	-14.1	4.0	6.8	5.8
Benchmark	-3.4	-3.4	-5.8	7.6	8.3	7.6

Risk Profile - 3 Years (Ann) to 30 June 2016

	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	13.2	0.3	4.2	-0.7
Benchmark	10.9	0.7		

Summary - 3 Months Ending 30 June 2016

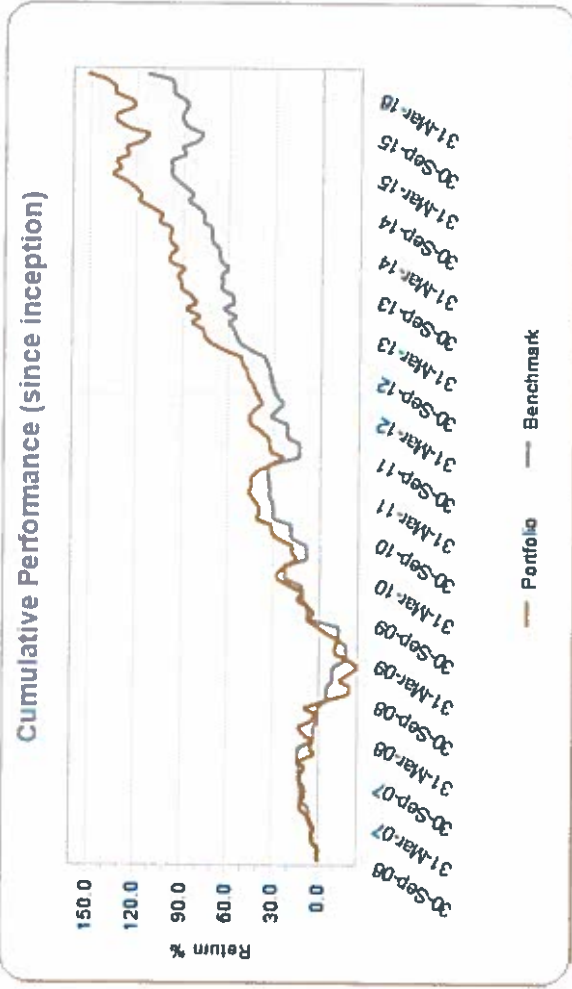
The manager's relative performance of the Quarter and 1 Year was -2.9% and -8.3% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Baillie Gifford GA



BNY MELLON
ASSET SERVICING



Inception Date: 31 Oct 2006

Portfolio Size and Mandate	
Portfolio Size (GBP)	Portfolio Mandate
477,294,308	Global Equities

Allocation - 30 June 2016	
Global Equity Units	Cash
100.00	0.00
Benchmark	Benchmark
100.00	100.00

Periodic Performance

	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	7.0	7.0	12.2	12.2	11.7	10.0
Benchmark	8.8	8.8	14.0	11.3	9.9	8.1

Risk Profile - 3 Years (Ann) to 30 June 2016

	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	11.0	1.1	4.4	0.2
Benchmark	10.2	1.1		

Summary - 3 Months Ending 30 June 2016

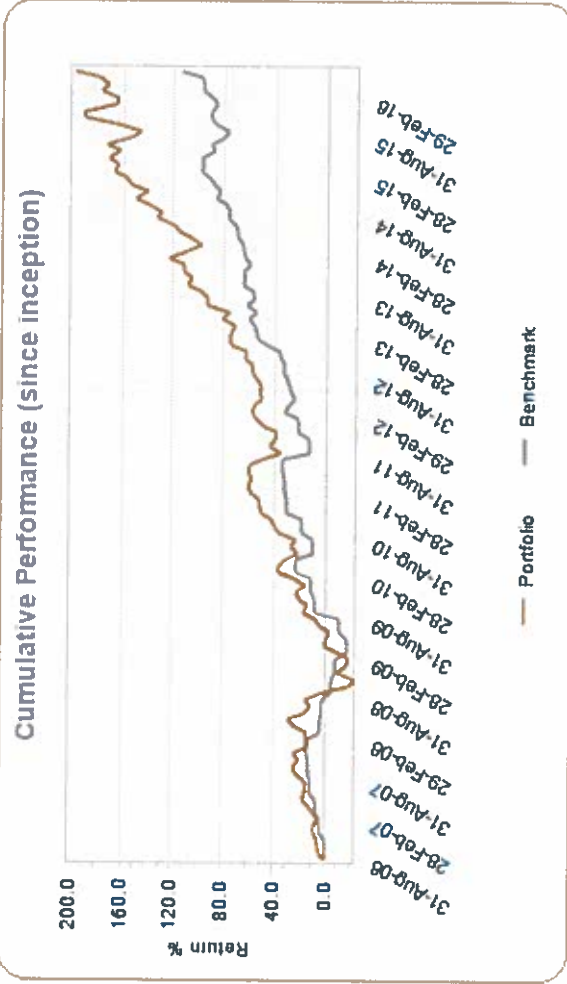
The manager's relative performance of the Quarter and 1 Year was -1.8% and -1.8% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Baillie Gifford LTGG



BNY MELLON
ASSET SERVICING



Inception Date: 30 Sep 2006

Portfolio Size and Mandate	
Portfolio Size (GBP)	325,469,467
Portfolio Mandate	Global Equities

Allocation - 30 June 2016	
Portfolio	100.00
Benchmark	100.00

Periodic Performance

	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	7.4	7.4	13.3	19.2	13.2	11.8
Benchmark	8.8	8.8	14.0	11.3	9.9	

Risk Profile - 3 Years (Ann) to 30 June 2016

	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	15.7	1.2	10.3	0.7
Benchmark	10.2	1.1		

Summary - 3 Months Ending 30 June 2016

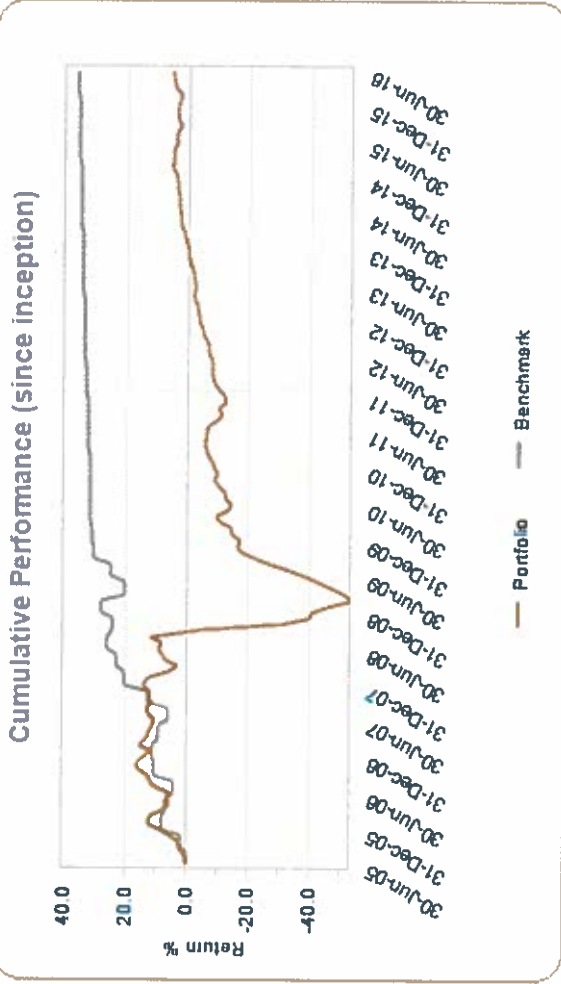
The manager's relative performance of the Quarter and 1 Year was -1.4% and -0.7% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - ECM Asset Management



BNY MELLON
ASSET SERVICING



Portfolio Size and Mandate	
Portfolio Size (GBP)	130,536,275
Portfolio Mandate	Alternatives

Allocation - 30 June 2016	
Portfolio	100.00
Benchmark	100.00

Inception Date: 31 Jul 2005

Periodic Performance						
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	5 Years (Ann)	Since Inception
Portfolio	0.9	0.9	1.3	2.6	2.4	0.5
Benchmark	0.1	0.1	0.5	0.5	0.5	2.8

Risk Profile - 3 Years (Ann) to 30 June 2016			
	Standard Deviation	Sharpe Ratio	Information Ratio
Portfolio	2.0	1.1	1.1
Benchmark	0.0	0.0	2.0

Summary - 3 Months Ending 30 June 2016

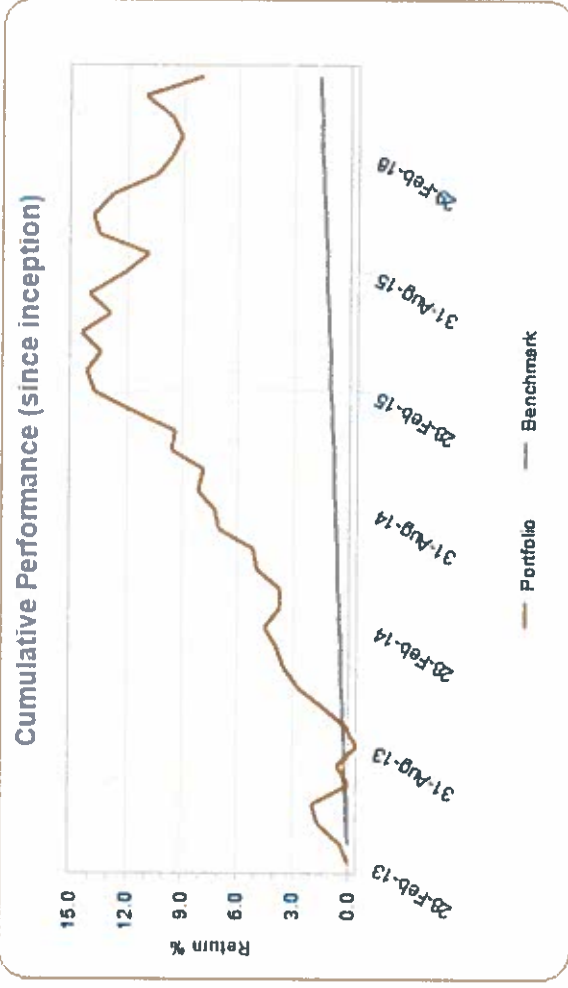
The manager's relative performance of the Quarter and 1 Year was 0.8% and 0.8% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Standard Life Divers Growth



BNY MELLON
ASSET SERVICING



Inception Date: 31 Mar 2013

Portfolio Size and Mandate	Portfolio Mandate
Portfolio Size (GBP) 135,828,552	Diversified Growth

Allocation - 30 June 2016	Alternatives
Portfolio	100.00
Benchmark	100.00

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	-1.1	-1.1	-4.5	2.6	2.3
Benchmark	0.1	0.1	0.5	0.5	0.5

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	4.1	0.5	4.1	0.5
Benchmark	0.0	0.0		

Summary - 3 Months Ending 30 June 2016

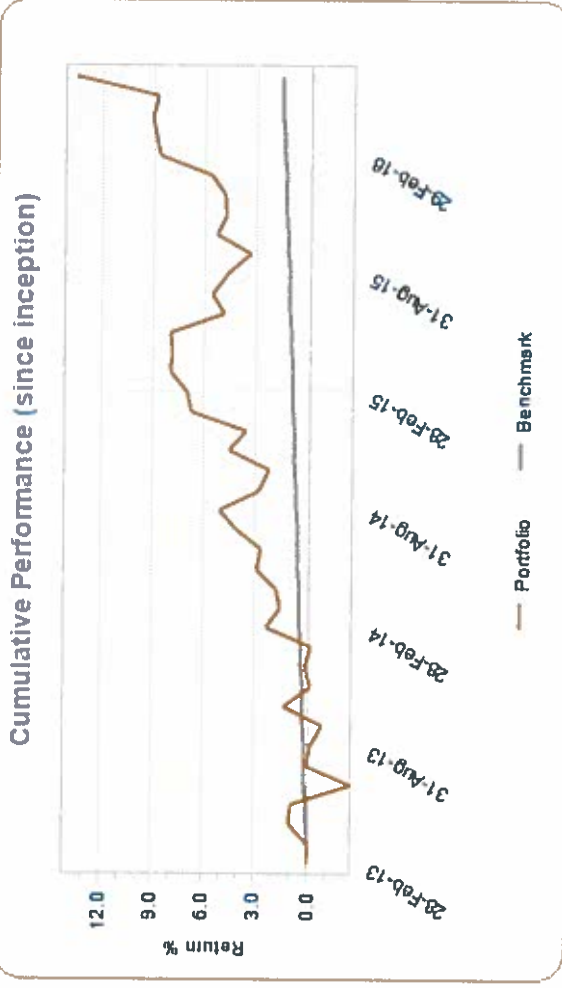
The manager's relative performance of the Quarter and 1 Year was -1.2% and -5.0% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Newton Diversified Growth



BNY MELLON
ASSET SERVICING



Inception Date: 31 Mar 2013

Portfolio Size and Mandate	
Portfolio Size (GBP)	113,986,271
Portfolio Mandate	Diversified Growth

Allocation - 30 June 2016	
Portfolio Benchmark	100.00
Alternatives	100.00

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	4.2	4.2	8.1	5.2	3.9
Benchmark	0.1	0.1	0.5	0.5	0.5

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	5.3	0.9	5.3	0.9
Benchmark	0.0	0.0		

Summary - 3 Months Ending 30 June 2016

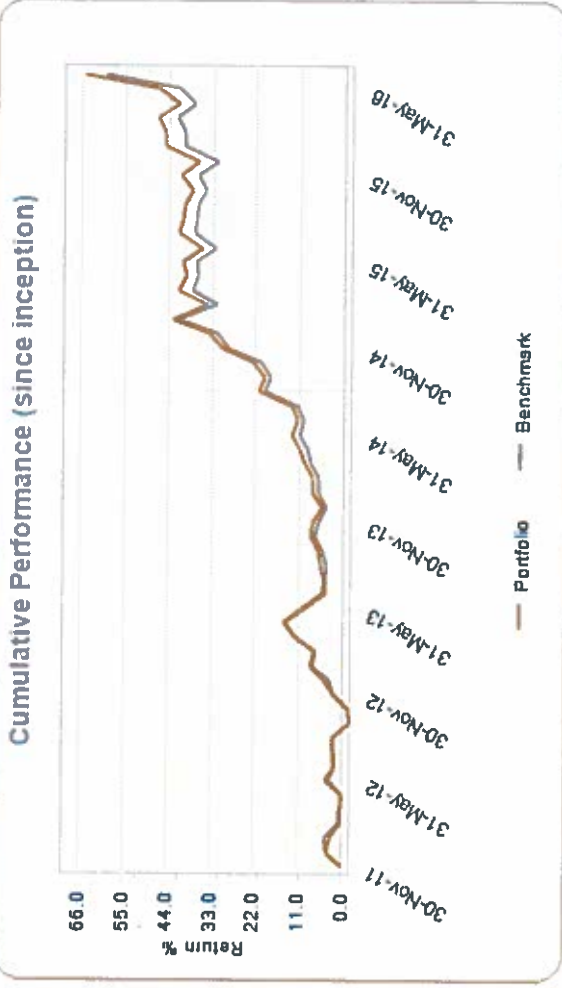
The manager's relative performance of the Quarter and 1 Year was 4.1% and 7.6% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - M&G



BNY MELLON
ASSET SERVICING



Portfolio Size and Mandate	
Portfolio Size (GBP)	386,514,443
Portfolio Mandate	Global Bonds

Allocation - 30 June 2016	
Bonds	97.81
Cash	2.19
Portfolio Benchmark	100.00

Inception Date: 31 Dec 2011

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	12.9	12.9	22.4	16.4	11.7
Benchmark	13.1	13.1	21.1	15.4	10.9

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	12.6	1.2	1.3	0.7
Benchmark	12.8	1.2		

Summary - 3 Months Ending 30 June 2016

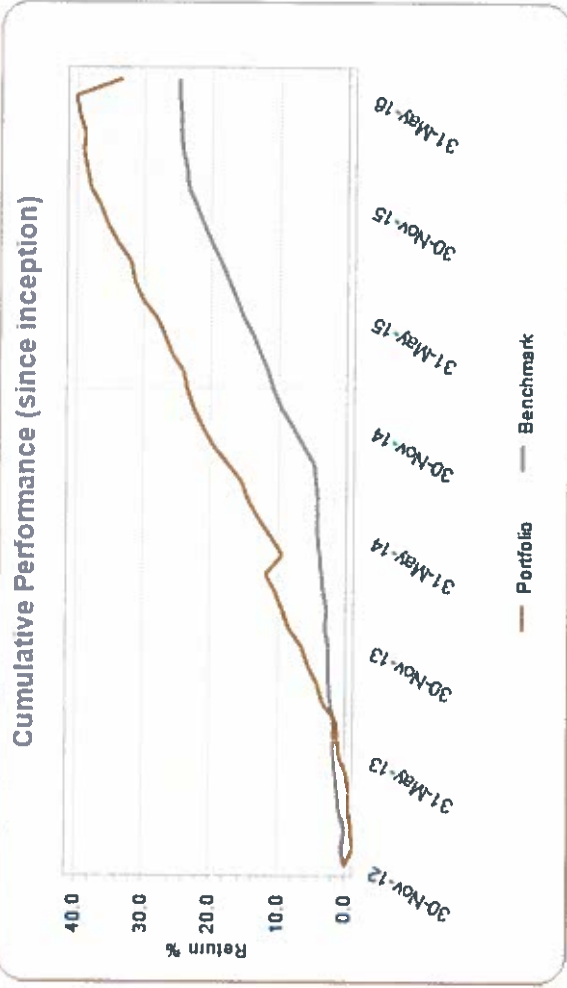
The manager's relative performance of the Quarter and 1 Year was -0.2% and 1.3% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - LGIM Property



BNY MELLON
ASSET SERVICING



Inception Date: 31 Dec 2012

Portfolio Size and Mandate	
Portfolio Size (GBP)	57,723,743
Portfolio Mandate	Property

Allocation - 30 June 2016	
Portfolio	100.00
Benchmark	100.00

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	-3.8	-3.8	2.5	9.7	8.4
Benchmark	0.1	0.1	7.2	7.1	6.4

Risk Profile - 3 Years (Ann) to 30 June 2016			
	Standard Deviation	Sharpe Ratio	Information Ratio
Portfolio	4.0	2.2	0.6
Benchmark	1.7	3.8	

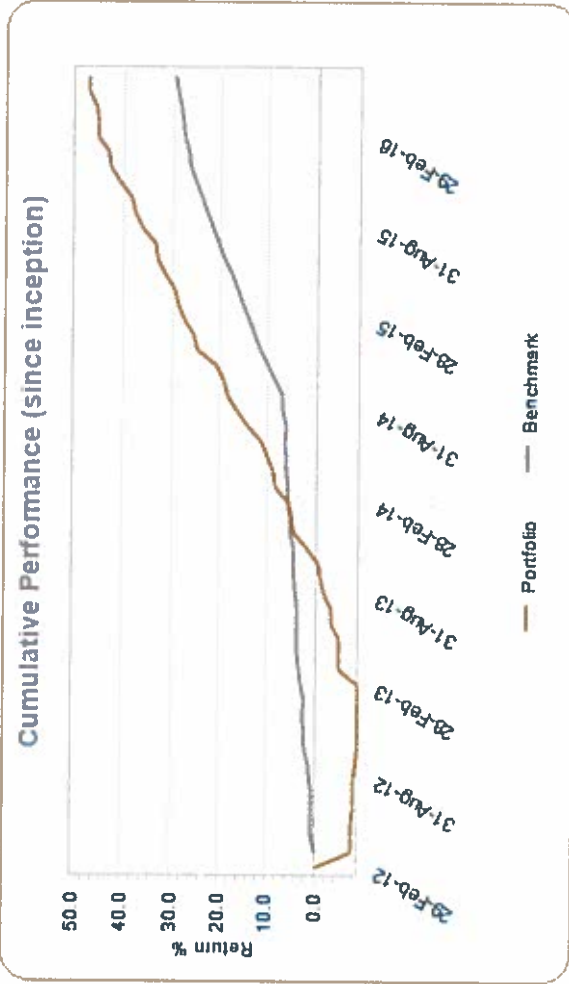
Summary - 3 Months Ending 30 June 2016
The manager's relative performance of the Quarter and 1 year was -3.9% and -4.7% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Hermes



BNY MELLON
ASSET SERVICING



Inception Date: 31 Mar 2012

Portfolio Size and Mandate	
Portfolio Size (GBP)	32,176,971
Portfolio Mandate	Property

Allocation - 30 June 2016	
Portfolio	Property
Benchmark	100.00
	100.00

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	1.3	1.3	10.8	15.0	9.3
Benchmark	1.4	1.4	8.9	7.7	6.3

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	2.9	4.7	3.2	2.1
Benchmark	1.6	4.3		

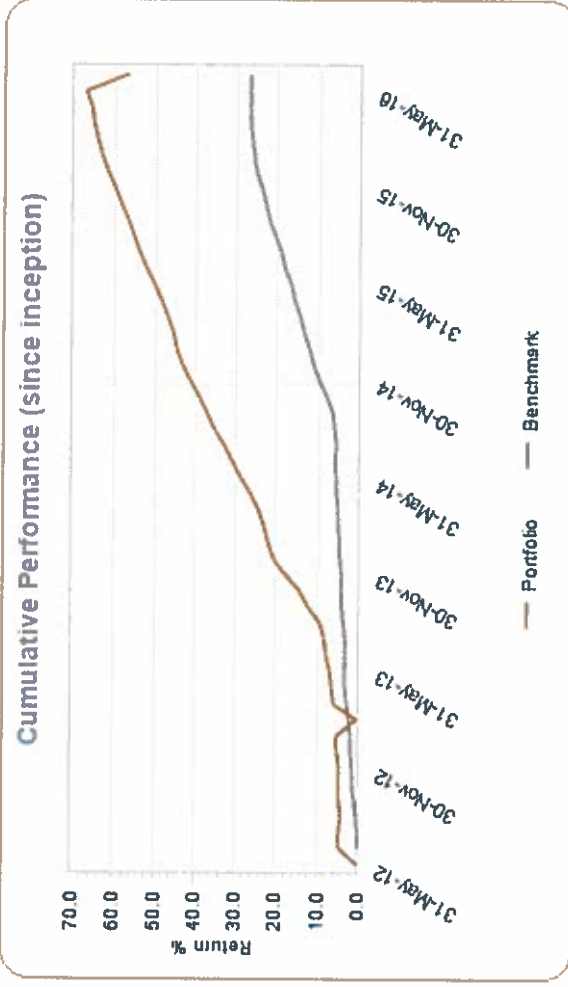
Summary - 3 Months Ending 30 June 2016
The manager's relative performance of the Quarter and 1 Year was -0.1% and 1.9% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Threadneedle



BNY MELLON
ASSET SERVICING



Inception Date: 30 Jun 2012

Portfolio Size and Mandate	
Portfolio Size (GBP)	144,761,798
Portfolio Mandate	Property

Allocation - 30 June 2016	
Portfolio	Property 100.00
Benchmark	Cash 0.00

Periodic Performance					
	Quarter	Fiscal Year To Date	1 Year	3 Years (Ann)	Since Inception (Ann)
Portfolio	-5.3	-5.3	2.9	13.3	11.6
Benchmark	0.1	0.1	7.2	7.1	6.1

Summary - 3 Months Ending 30 June 2016

The manager's relative performance of the Quarter and 1 Year was -5.4% and -4.3% respectively.

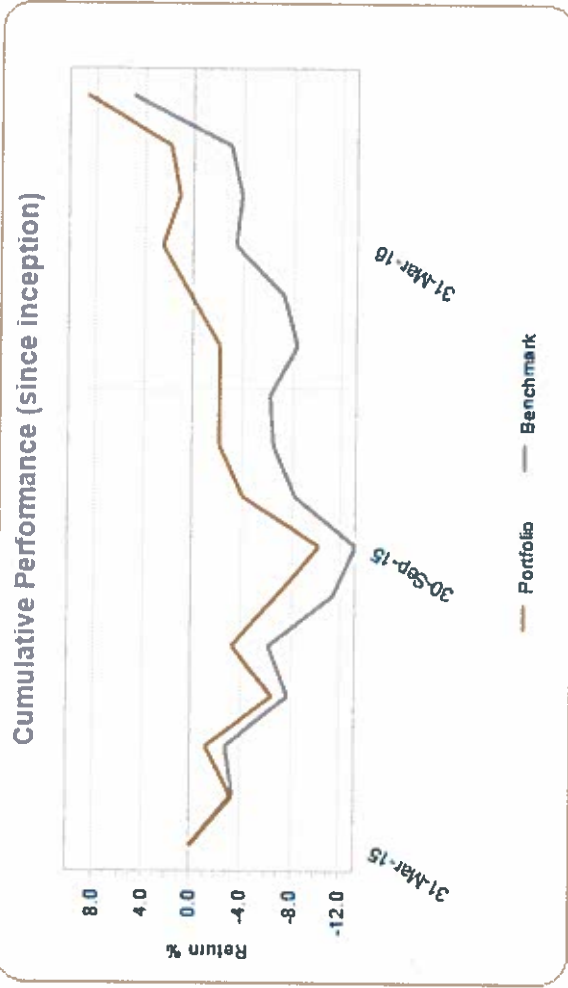
Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio	4.8	2.6	4.9	1.2
Benchmark	1.7	3.8		

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Veritas



BNY MELLON
ASSET SERVICING



Inception Date: 30 Apr 2015

Portfolio Size and Mandate	
Portfolio Size (GBP)	127,712,547
Portfolio Mandate	Global Equities

Allocation - 30 June 2016	
Portfolio Benchmark	Global Equity Units
	100.00
	100.00

Periodic Performance				
	Quarter	Fiscal Year To Date	1 Year	Since Inception (Ann)
Portfolio	6.1	6.1	16.3	6.9
Benchmark	8.8	8.8	13.9	4.0

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio				
Benchmark				

Summary - 3 Months Ending 30 June 2016

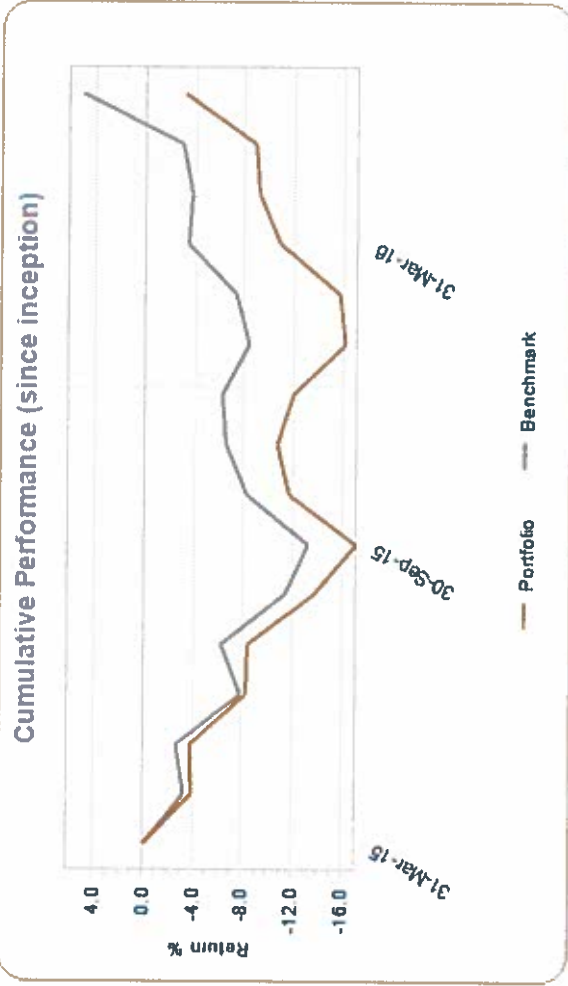
The manager's relative performance of the Quarter and 1 Year was -2.7% and 2.4% respectively.

North Yorkshire County Council - 3 Months Ending 30 June 2016

Manager Analysis - Dodge & Cox



BNY MELLON
ASSET SERVICING



Inception Date: 30 Apr 2015

Portfolio Size and Mandate	
Portfolio Size (GBP)	113,859,827
Portfolio Mandate	Global Equities

Allocation - 30 June 2016	
Portfolio	100.00
Benchmark	100.00

Periodic Performance				
	Quarter	Fiscal Year To Date	1 Year	Since Inception (Ann)
Portfolio	8.7	8.7	5.6	-2.5
Benchmark	8.8	8.8	13.9	4.0

Risk Profile - 3 Years (Ann) to 30 June 2016				
	Standard Deviation	Sharpe Ratio	Tracking Error	Information Ratio
Portfolio				
Benchmark				

Summary - 3 Months Ending 30 June 2016

The manager's relative performance of the Quarter and 1 Year was -0.1% and -8.3% respectively.



Appendix



Risk

Standard Deviation - Standard Deviation measures the variability (or volatility) of a fund's return over a specified time period.

Tracking Error - Tracking Error measures the variability of a fund's returns relative to its benchmark over a time period.

Information Ratio - Information Ratio is a measure of performance adjusted for the level of (active) risk.

Sharpe Ratio - Sharpe Ratio relates a portfolio's reward (determined as the portfolio's return minus risk free return) to the portfolio's variability (as measured by its standard deviation).

Active Number of months - Number of complete months of performance

Number of Positive Months - number of complete months the portfolio has produced a positive return

Consistency Rate (%) - Number of Positive Months/Active Number of Months

Benchmark Consistency (%) - Number of Positive Benchmark Months/Active Number of Months

Outperformance (%) - Percentage of months the portfolio has outperformed the benchmark

Attribution

Allocation Effect - Measures the impact of decisions to allocate assets differently from the benchmark.

Selection Effect - Measures the impact of decisions of selecting securities different from those held in the benchmark.

Currency Effect - Measures the impact of deviating from the benchmark currency position.

Management Effect - Measures the combined impact of allocation, selection and currency effects. At the total level, this represents the fund's relative performance against the benchmark.

Interaction Effect - Measures the combined impact of an investment manager's selection and allocation decisions within a segment.



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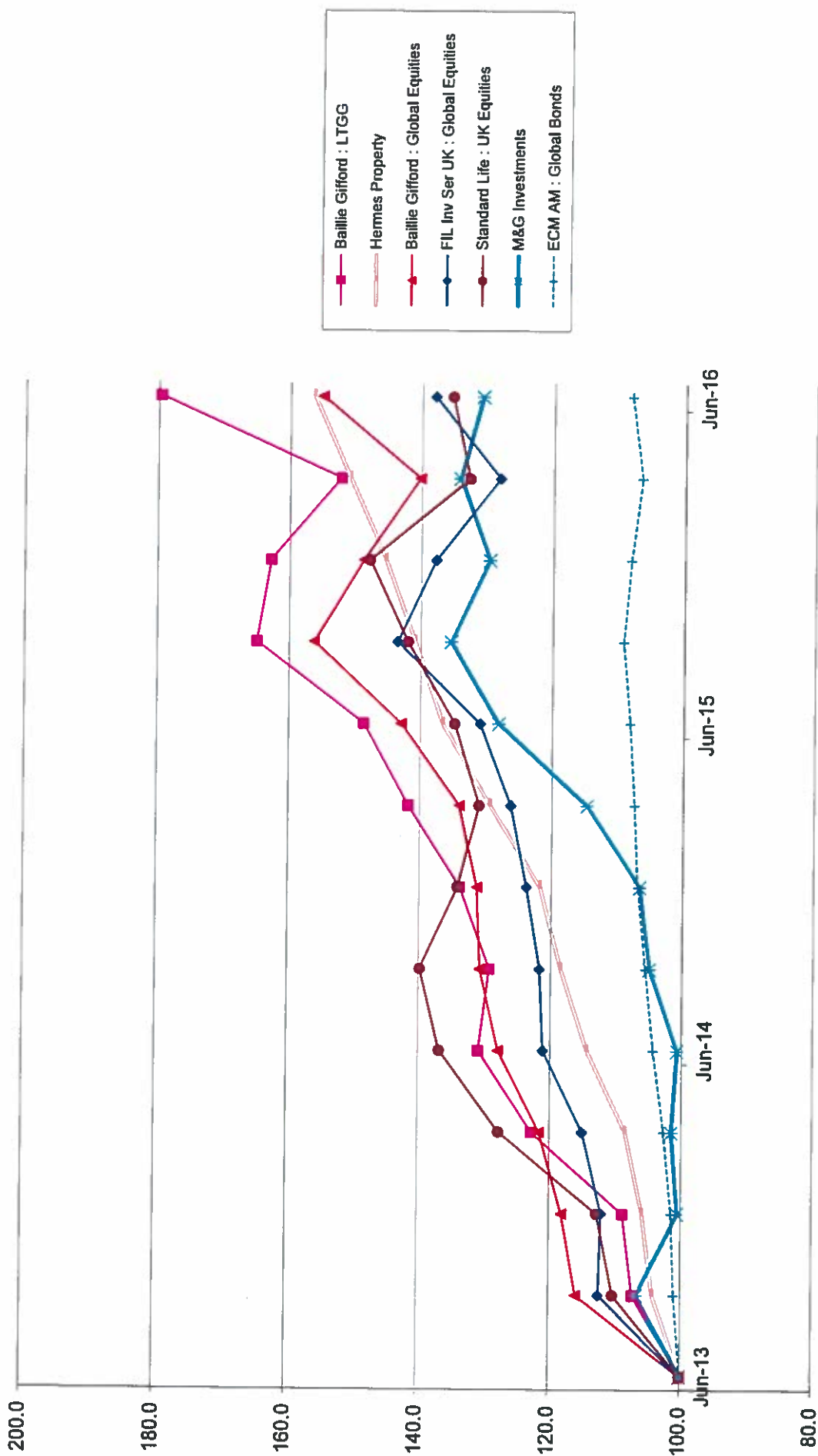
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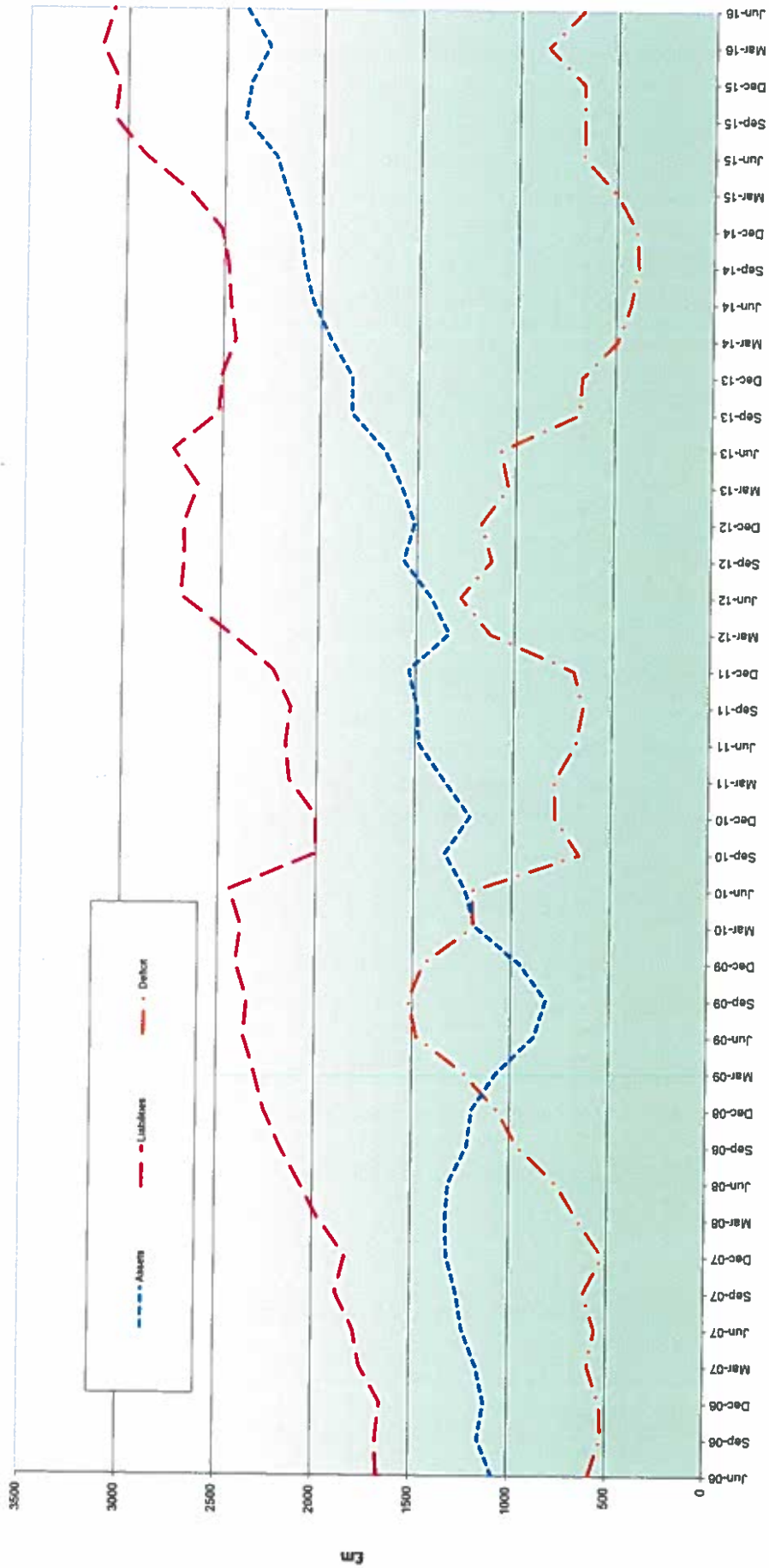
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Investment Manager Performance - cumulative absolute performance 3 years to June 2016



North Yorkshire Pension Fund Assets, Liabilities and Deficit



Actuarial Model of Quarterly Solvency Position

Date	Solvency	Deficit £(M)	Fund Value £(M)	FTSE 100
March 31, 2001	78%	197	725	6,634
June 30 2001	82%	182	740	6,643
September 30 2001	71%	265	650	4,803
December 31, 2001	74%	245	702	5,217
March 31 2002	75%	245	732	5,272
June 30 2002	60%	450	670	4,656
September 30 2002	58%	435	574	3,722
December 31, 2002	58%	435	597	3,940
March 31, 2003	58%	478	584	3,813
June 30 2003	61%	423	662	4,031
September 30 2003	63%	409	895	4,091
December 31, 2003	65%	403	747	4,277
March 31, 2004	58%	524	782	4,289
June 30 2004	61%	498	778	4,484
September 30 2004	60%	524	799	4,571
December 31, 2004	62%	533	854	4,814
March 31, 2005	61%	563	879	4,884
June 30 2005	61%	532	924	5,113
September 30 2005	65%	542	1005	5,478
December 31, 2005	66%	585	1075	5,619
March 31 2006	66%	523	1150	5,965
June 30 2006	68%	531	1121	5,833
September 30 2006	66%	585	1163	5,961
December 31 2006	66%	581	1233	6,221
March 31, 2007	67%	619	1289	6,308
June 30 2007	72%	522	1318	6,609
September 30 2007	67%	648	1322	6,467
December 31, 2007	63%	763	1310	6,457
March 31, 2008	58%	958	1217	5,702
June 30 2008	53%	1064	1195	5,625
September 30 2008	47%	1235	1074	4,902
December 31, 2008	37%	1481	885	4,434
March 31 2009	39%	1522	827	3,920
June 30 2009	40%	1447	872	4,248
September 30 2009	50%	1198	1187	5,134
December 31, 2009	51%	1204	1239	5,413
March 31, 2010	61%	628	1345	5,880
June 30 2010	61%	785	1219	4,917
September 30 2010	63%	791	1354	5,549
December 31, 2010	69%	681	1483	5,900
March 31 2011	70%	648	1483	5,900
June 30 2011	69%	695	1538	6,348
September 30 2011	54%	1123	1335	5,129
December 31, 2011	53%	1277	1430	5,572
March 31 2012	58%	1121	1571	5,788
June 30 2012	58%	1178	1571	5,571
September 30 2012	80%	1040	1584	5,742
December 31, 2012	61%	1079	1672	5,898
March 31, 2013	73%	879	1838	6,472
June 30 2013	78%	519	1840	6,215
September 30 2013	80%	490	1949	6,462
December 31, 2013	83%	427	2040	6,749
March 31 2014	84%	389	2089	6,998
June 30 2014	84%	397	2117	6,744
September 30 2014	81%	500	2179	6,623
December 31, 2014	77%	671	2238	6,566
March 31 2015	78%	669	2389	6,773
June 30 2015	78%	674	2371	6,682
September 30 2015	73%	857	2277	6,242
December 31, 2015	78%	682	2394	6,242
March 31, 2016	72%	923	2418	6,178
June 30 2016	81%	588	2549	6,504

Terminal valuation results highlighted in grey

Movement in Assets and Liabilities

