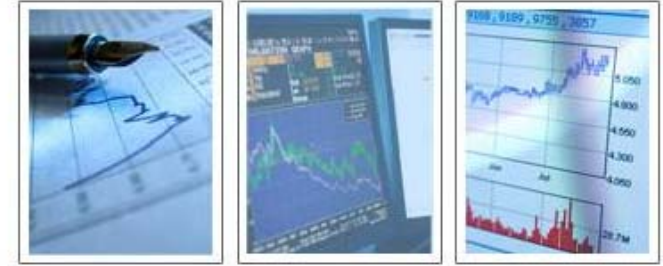


P O R T F O L I O  
E V A L U A T I O N  
L I M I T E D



Specialists in Investment Risk and Return Evaluation

Quarterly Risk and Return Analysis

Leicestershire County Council Pension Fund

Period ending 31st March 2019

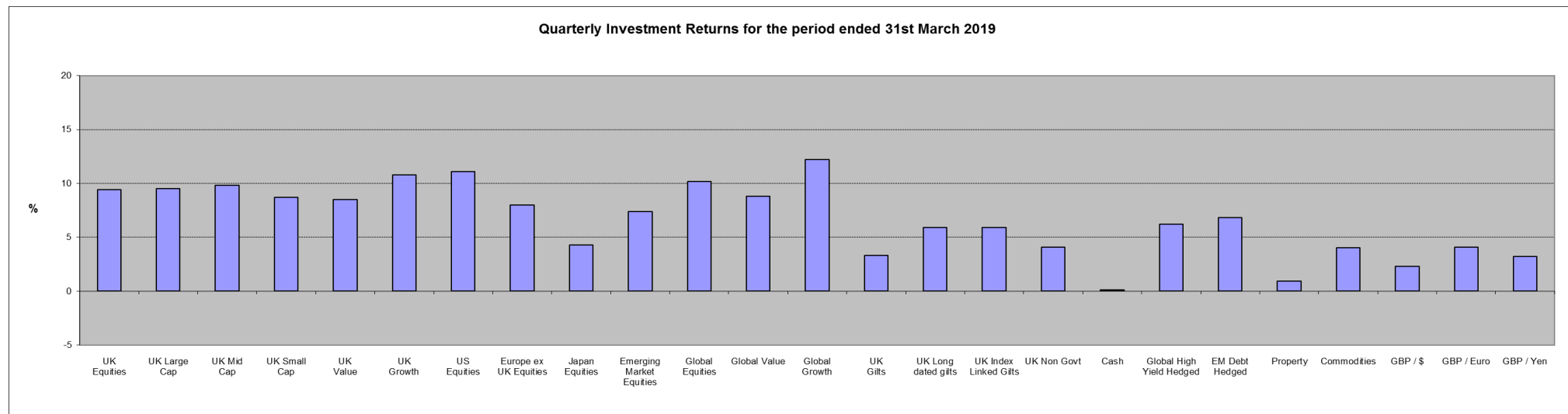


## Portfolio Evaluation Ltd Market Commentary Q1 2019 (Sterling)

After a disappointing quarter and year ended December 2018 most markets bounced back in the quarter ended March 31 2019 to an extent that left the losses posted in 2018 largely recovered.

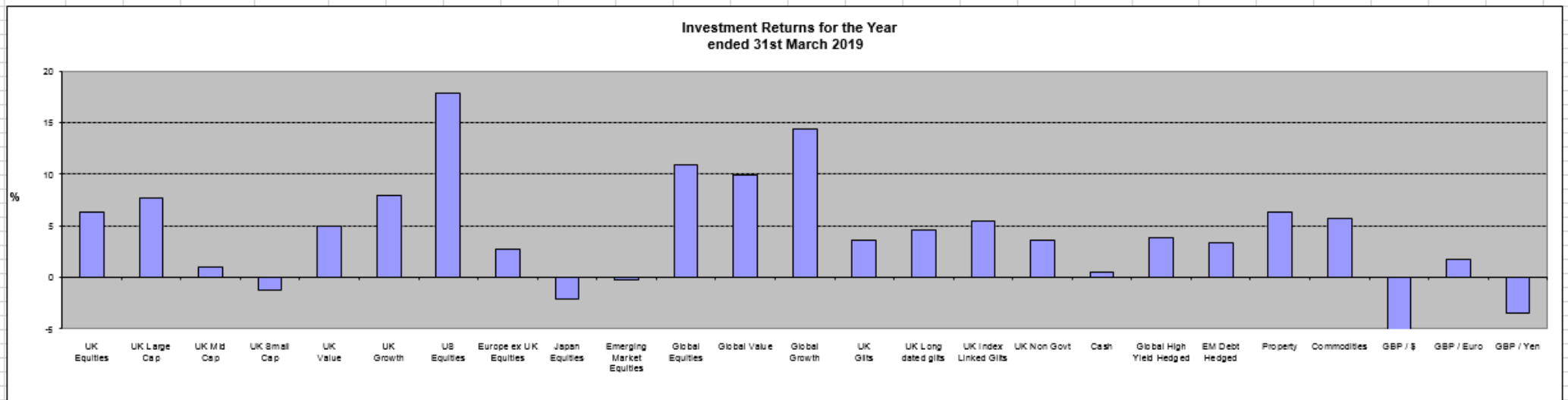
The last quarter of 2018 saw markets fall due largely to increase uncertainty caused by a number of factors including central banks discussing raising rates and / or easing quantitative easing, slower global economic growth (of particular note was China) which some saw as being a precursor to a potential recession, trade war issues (US and China), increased market volatility, and some geopolitical concerns. The first quarter of 2019 saw many of these concerns reduce as the US authorities reduced the likelihood of short term interest rate hikes, the Chinese have undertaken measures to reduce the decline in economic growth due to monetary tightening, there have been positive steps gained in global trade discussions and inflation seems muted in developed markets. The response to this has been a rise global markets.

Looking forwards market commentators continue to expect lower global economic growth and corporate earnings growth with the Eurozone looking particularly vulnerable. Many investors seem to expect growth to continue into 2020 and potentially to 2021 as the outlook for a recession gets moved back due partly positive central bank actions and benign inflation. However despite this quarter many market commentators are discussing more defensive strategies going forwards, and many are also viewing emerging markets positively.





Within the UK the obsession and lack of resolution with Brexit has continued through the quarter. This continues to lower the economic growth outlook and reduce the willingness of both companies and investment managers to invest in the UK. The 'high street' sector continues to struggle with high costs and lower revenues whilst business is still reviewing how to proceed in the future. Despite posting significant equity market gains the concerns about the future outlook helps to explain the relatively lack lustre performance of UK stockmarkets when compared to many others. The more positive global outlook this quarter saw growth outperform value however the market return was very sector specific led by Technology, Basic Materials and Consumer Goods (except for Autos). Given market events over the last 12 months UK equities have shown mixed results over time, however Technology Healthcare, Basic Materials and Oil & Gas sectors have been strong performers whilst Financials, Industrials, Consumer Goods and Consumer Services have dragged.



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Market volatility has continued to increase as a result of the outlook and in particular the risk levels between asset classes has also increased as diversification benefits reduce. Many commentators expect this to continue throughout 2019.

**For further information**

If you would like further information about the topics contained in this newsletter or would like to discuss your investment performance requirements please contact Nick Kent or Deborah Barlow Tel: +44 (0)1937 841434 (e-mail: [nick.kent@portfolioevaluation.net](mailto:nick.kent@portfolioevaluation.net)) or visit our website at [www.portfolioevaluation.net](http://www.portfolioevaluation.net). Please note that all numbers, comments and ideas contained in this document are for information purposes only and as such are not investment advice in any form. Please remember that past performance is not a guide to future performance.

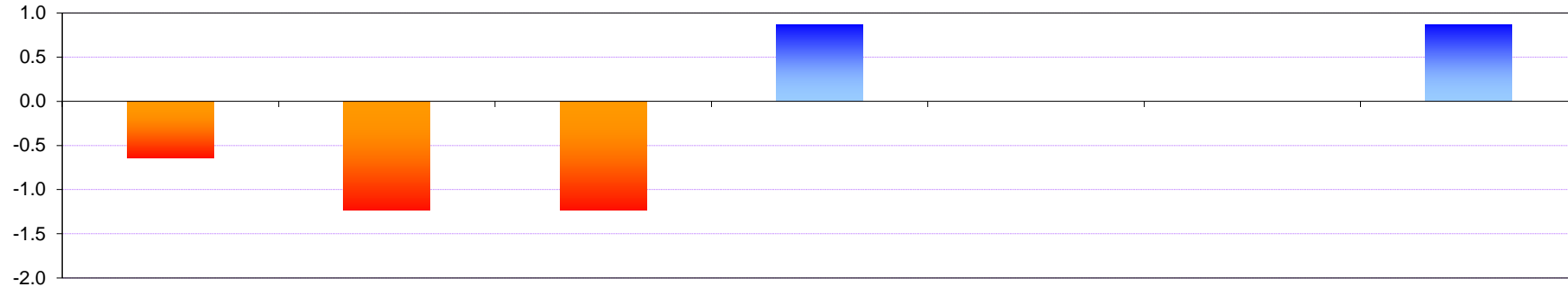
## Total Fund Overview

### Leicestershire County Council Pension Fund

#### Report Period: Quarter Ending March 2019



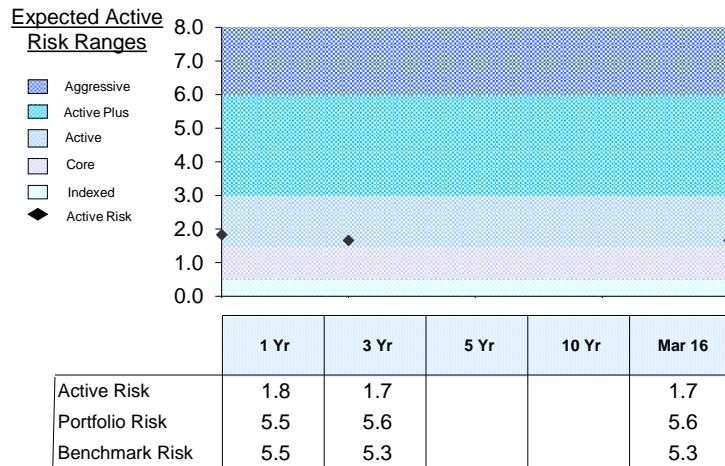
#### Excess Return Analysis (%)



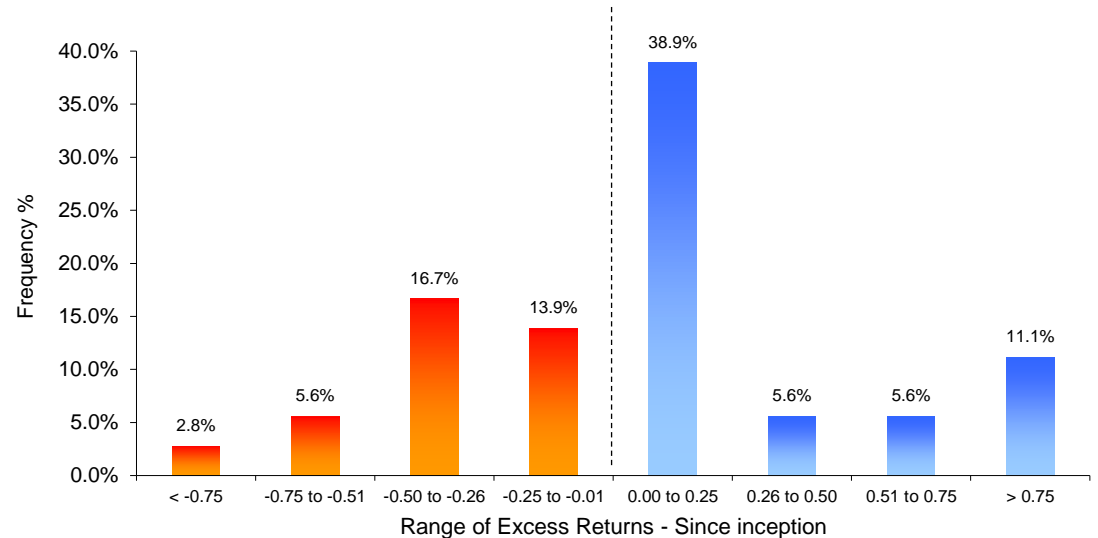
	QTR	YTD	1 Yr	3 Yr	5 Yr	10Yr	Since Mar 16 (p.a.)
Excess Return	-0.6	-1.2	-1.2	0.9			0.9
Portfolio Return	5.0	5.2	5.2	10.4			10.4
Benchmark Return	5.7	6.4	6.4	9.5			9.5

All returns for periods in excess of 1 year are annualised. The portfolio return is net.

#### Ex-Post Active Risk Analysis (%)



#### Excess Return Consistency Analysis

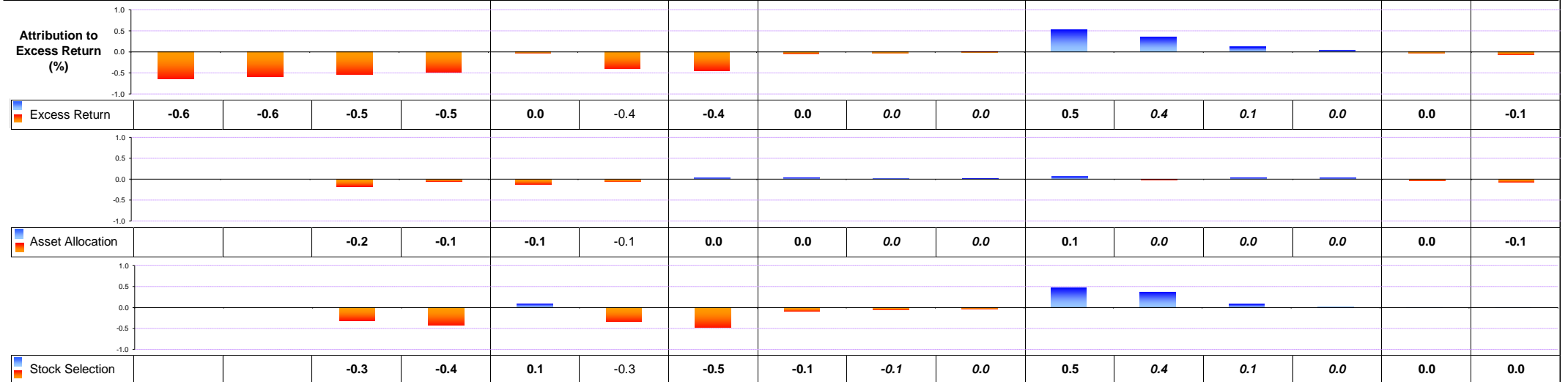
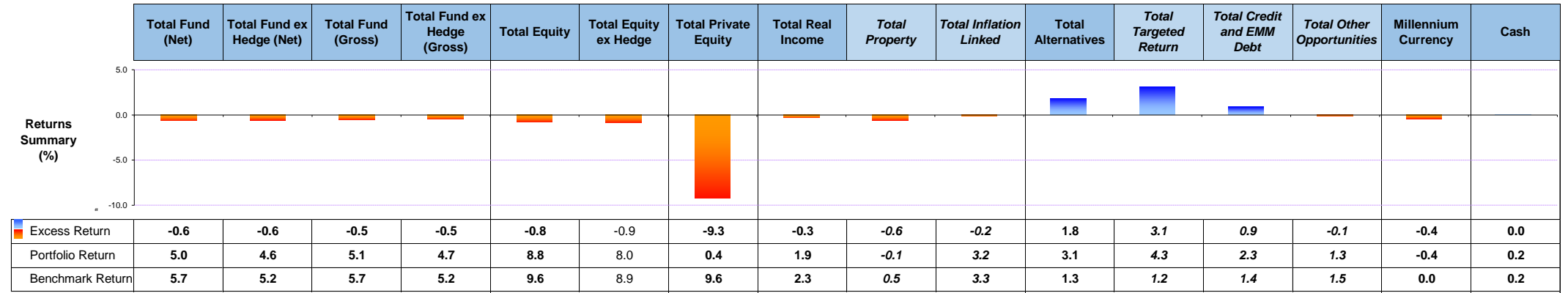


**Ex-Post Active Risk** measures the volatility of the actual excess returns achieved by the Portfolio/Fund.  
**Excess Return Consistency Analysis** measures the frequency of the Portfolio/Fund's outperformance (Blue) and underperformance (Red) versus its benchmark, calculated using monthly (or quarterly if indicated) returns since inception.

**Attribution to Total Fund Excess Return Analysis  
Leicestershire County Council Pension Fund  
for Quarter Ended 31st March 2019**



Market Value: 4.3bn



The **Returns Summary** details the Portfolio, Benchmark and Excess Returns. The Excess Returns are plotted. The **Asset Allocation Summary** details the weights held by the portfolio and benchmark in each asset class/manager. The green plots are the over/underweight exposures of the Fund (v Fund benchmark) at the beginning and end of the period. The **Attribution to Excess Return**, identifies how each asset class/manager has contributed to the overall excess return of the Total Fund. It is broken down into **Asset Allocation** (how successful the decision to over/underweight each asset class was) and then into **Stock Selection** (how well each manager/s decisions have performed). The **Asset Allocation** plus the **Stock Selection** excess returns are all additive and equal the **Total Excess Return** of the Fund.

**Attribution to Total Fund Excess Return Analysis  
Leicestershire County Council Pension Fund  
for Year Ended 31st March 2019**

Market Value: 4.3bn

	Total Fund (Net)	Total Fund ex Hedge (Net)	Total Fund (Gross)	Total Fund ex Hedge (Gross)	Total Equity	Total Equity ex Hedge	Total Private Equity	Total Real Income	Total Property	Total Inflation Linked	Total Alternatives	Total Targeted Return	Total Credit and EMM Debt	Total Other Opportunities	Millennium Currency	Cash
<b>Returns Summary (%)</b>																
Excess Return	-1.2	-1.4	-0.8	-1.0	-0.3	-0.9	9.1	1.3	-0.7	2.7	-4.4	-7.4	-2.0	-0.1	-0.4	0.1
Portfolio Return	5.2	5.2	5.6	5.6	6.9	6.8	19.9	6.6	4.9	7.6	0.5	-2.7	3.2	5.7	-0.4	0.8
Benchmark Return	6.4	6.6	6.4	6.6	7.2	7.7	10.7	5.3	5.6	4.9	4.9	4.7	5.2	5.9	0.0	0.7
<b>Asset Allocation Summary (%)</b>																
Portfolio Start	100.0	99.0	100.0	99.0	47.1	46.1	3.7	23.5	9.1	14.4	24.0	12.7	8.1	3.1	0.0	1.7
Portfolio End	100.0	98.9	100.0	98.9	45.1	44.1	4.7	24.8	9.3	15.6	24.7	12.4	8.9	3.4	0.0	0.7
Benchmark Start	100.0	100.0	100.0	100.0	46.0	46.0	4.0	24.5	10.0	14.5	25.5	13.0	10.0	2.5	0.0	0.0
Benchmark End	100.0	100.0	100.0	100.0	44.0	44.0	4.0	26.5	10.0	16.5	25.5	11.4	10.0	4.1	0.0	0.0
<b>Attribution to Excess Return (%)</b>																
Excess Return	-1.2	-1.4	-0.8	-1.0	-0.4	-0.4	0.3	0.4	-0.1	0.4	-1.1	-1.0	-0.2	0.1	0.0	-0.1
<b>Asset Allocation</b>			-0.2	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1
<b>Stock Selection</b>			-0.6	-0.8	-0.3	-0.4	0.3	0.3	0.0	0.4	-1.1	-0.9	-0.2	0.0	0.0	0.0



**Total Fund Reconciliation**  
**Leicestershire County Council Pension Fund**  
**for Quarter Ended 31st March 2019**

Market Value: 4.3bn

	31st Dec 2018			31st Mar 2019		
	Market Val (£000s)	Exposure (%)	Net Exp (%)	Market Val (£000s)	Exposure (%)	Net Exp (%)
<b>Total Equity Fund</b>	<b>1,778,358</b>	<b>43.7</b>	<b>-2.3</b>	<b>1,937,446</b>	<b>45.1</b>	<b>1.1</b>
<b>Total Equity Fund ex Hedge</b>	<b>1,749,958</b>	<b>43.0</b>	<b>-3.0</b>	<b>1,892,238</b>	<b>44.1</b>	<b>0.1</b>
<b>L&amp;G Total Passive Equity Fund</b>	<b>1,263,920</b>	<b>31.0</b>	<b>-2.8</b>	<b>1,377,120</b>	<b>32.1</b>	<b>0.1</b>
L&G UK Equity Fund	286,255	7.0	-0.5	313,559	7.3	0.3
L&G North American Equity Fund	480,382	11.8	-1.4	532,467	12.4	-0.6
L&G Japanese Equity Fund	102,951	2.5	-0.3	108,134	2.5	0.0
L&G European Equity Fund	212,984	5.2	-0.5	229,201	5.3	0.3
L&G Pacific Ex Japan Equity Fund	105,392	2.6	-0.2	113,030	2.6	0.1
L&G Emerging Markets Equity Fund	75,956	1.9	0.0	80,730	1.9	-0.1
LGPS Global Active Equity Fund	0	0.0	0.0	333,186	7.8	-0.2
Kleinwort Benson Global Equity Fund	184,618	4.5	-0.1	0	0.0	0.0
Kempen Global Equity Fund	132,405	3.3	-0.1	0	0.0	0.0
Delaware Emerging Markets Equity Fund	169,014	4.2	0.0	181,932	4.2	0.2
Kames Currency Hedge Fund	28,400	0.7	0.7	45,208	1.1	1.1
<b>Total Private Equity Fund</b>	<b>203,004</b>	<b>5.0</b>	<b>1.0</b>	<b>203,403</b>	<b>4.7</b>	<b>0.7</b>
<b>Total Real Income Fund</b>	<b>1,046,325</b>	<b>25.7</b>	<b>1.2</b>	<b>1,066,200</b>	<b>24.8</b>	<b>-1.7</b>
<b>Total Property Fund</b>	<b>398,913</b>	<b>9.8</b>	<b>-0.2</b>	<b>397,995</b>	<b>9.3</b>	<b>-0.7</b>
Colliers Pooled Property	30,171	0.7	0.0	30,177	0.7	-0.1
Colliers Direct Property Fund	101,520	2.5	-0.1	99,755	2.3	-0.4
Aviva Property Fund	202,973	5.0	-0.1	204,266	4.8	-0.2
Kames Capital Property Fund	27,837	0.7	0.0	27,593	0.6	0.0
Kames Capital II Property Fund	36,411	0.9	0.0	36,205	0.8	0.0
<b>Total Inflation-Linked Fund</b>	<b>647,413</b>	<b>15.9</b>	<b>1.4</b>	<b>668,205</b>	<b>15.6</b>	<b>-0.9</b>
Kames Capital Index-Linked Fund	302,100	7.4	-0.1	317,139	7.4	-0.1
IFM Global Infrastructure Fund	73,424	1.8	0.1	73,944	1.7	0.2
KKR Global Infrastructure Fund	46,060	1.1	0.1	45,876	1.1	-0.4
JPMorgan Infrastructure Fund	95,692	2.4	0.1	92,937	2.2	-0.8
Stafford Timberland Fund	130,138	3.2	1.2	138,309	3.2	0.2
<b>Total Alternatives Fund</b>	<b>997,957</b>	<b>24.5</b>	<b>-1.0</b>	<b>1,059,296</b>	<b>24.7</b>	<b>-0.8</b>
<b>Total Targeted Return Fund</b>	<b>479,304</b>	<b>11.8</b>	<b>-1.2</b>	<b>531,163</b>	<b>12.4</b>	<b>1.0</b>
Aspect Capital Partners Fund	120,469	3.0	-0.3	129,437	3.0	-0.4
Ruffer Fund	244,912	6.0	-0.6	253,704	5.9	1.9
Pictet Fund	113,532	2.8	-0.3	147,662	3.4	-0.6
EnTrustPermal Fund	392	0.0	0.0	359	0.0	0.0
<b>Total Credit and EMM Debt Fund</b>	<b>380,050</b>	<b>9.3</b>	<b>-0.7</b>	<b>383,436</b>	<b>8.9</b>	<b>-1.1</b>
Ashmore Emerging Markets Debt Fund	107,319	2.6	0.1	110,684	2.6	0.1
JPMorgan Global Credit Fund	26,271	0.6	-0.1	27,355	0.6	0.1
Partners Group Private Debt Fund	246,459	6.1	-0.7	245,396	5.7	-1.3
<b>Total Other Opportunities Fund</b>	<b>138,603</b>	<b>3.4</b>	<b>0.9</b>	<b>144,698</b>	<b>3.4</b>	<b>-0.7</b>
M&G DOF Fund	72,774	1.8	0.5	74,425	1.7	-0.4
Christofferson Robb & Company Fund	48,639	1.2	0.3	48,878	1.1	0.1
Infracapital Infrastructure Fund	13,410	0.3	0.1	13,552	0.3	-0.2
Aberdeen Standard Private Equity Fund	3,781	0.1	0.0	7,842	0.2	-0.3
<b>Millennium Currency Fund</b>	<b>-1,247</b>	<b>0.0</b>	<b>0.0</b>	<b>-426</b>	<b>0.0</b>	<b>0.0</b>
<b>Cash Fund</b>	<b>47,221</b>	<b>1.2</b>	<b>1.2</b>	<b>27,941</b>	<b>0.7</b>	<b>0.7</b>
<b>Leicestershire County Council Pension Fund ex Hedge</b>	<b>4,043,219</b>	<b>99.3</b>	<b>-0.7</b>	<b>4,248,653</b>	<b>98.9</b>	<b>100.0</b>
<b>Leicestershire County Council Pension Fund</b>	<b>4,071,619</b>	<b>100.0</b>	<b>0.0</b>	<b>4,293,861</b>	<b>100.0</b>	<b>100.0</b>