

# Agenda

## PENSION FUND COMMITTEE

**Date:** Friday 26 July 2019  
**Time:** 11.00 am  
**Venue:** Large Dining Room, Judges Lodgings,  
Aylesbury

<b>Agenda Item</b>	<b>Page No</b>
<b>5 ANNUAL ACCOUNTS AUDIT</b> Item to follow	<b>3 - 50</b>

If you would like to attend a meeting, but need extra help to do so, for example because of a disability, please contact us as early as possible, so that we can try to put the right support in place.

*For further information please contact: Anne-Marie Kenward on 01296 387006, email: [kicollier@buckscc.gov.uk](mailto:kicollier@buckscc.gov.uk)*

### **Members**

Mr J Chilver (C)  
Mr R Bagge  
Mr T Butcher  
Mr C Harriss  
Mr N Hussain  
Mr D Martin (VC)  
Mr M Barber, Thames Valley Police  
Mr J Gladwin, District Council representative  
Mr N Miles, Milton Keynes Council



# Pension Fund Committee

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<b>Title:</b>	Pension Fund Accounts for the Year Ended 31 March 2019
<b>Date:</b>	Friday 26 July 2019
<b>Author:</b>	Head of Finance - Pensions, Investments and Projects
<b>Contact officer:</b>	Julie Edwards, Pensions & Investments Manager 01296 383910
<b>Local members affected:</b>	N/A

*For press enquiries concerning this report, please contact the media office on 01296 382444*

## Summary

To present Grant Thornton's draft report on any significant findings from its audit of the Pension Fund Accounts.

## Recommendation

**That the Committee considers its response to the matters raised by Grant Thornton in their Audit Findings Report 2018/19 and notes the Statement of Accounts for the Pension Fund for the financial year ended 31 March 2019.**

### Resource implications

- 1 There are none arising directly from this report.

### Other implications / issues

- 2 The Pension Fund's Unaudited Statement of Accounts were presented to the Pension Fund Committee at its meeting on 30 May 2019 and the Regulatory and Audit Committee, as part of the Council's overall unaudited Statement of Accounts, on 21 May 2019. At that stage, the audit of the accounts had not commenced.
- 3 Subject to the satisfactory resolution of the normal audit processes, we anticipate that Grant Thornton will provide **an unqualified opinion** on the Pension Fund's financial statements. The Accounts are attached as Appendix 1, the changes since the draft document was presented to this Committee are highlighted in the

document. Representatives from Grant Thornton will provide an update on their findings at the meeting as detailed in the draft Audit Findings Report, see Appendix 2.

- 4 Note 18 – Actuarial Present Value of Promised Retirement Benefits has been updated to reflect the increased present value of defined benefit obligation and past service costs arising from the revised actuarial estimate to reflect the McCloud judgment. The Court of Appeal has ruled that there was age discrimination in the judges and firefighters pension schemes where transitional protections were given to scheme members. The Government applied to the Supreme Court for back to tribunal for remedy.

**Feedback from consultation, Local Area Forums and Local Member views (if relevant)**

Not applicable

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**Background Papers**

None.

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# Buckinghamshire County Council Pension Fund

## Statement of Accounts

For the year ended 31 March 2019

## Pension Fund Accounts

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## Pension Fund Account for the Year Ended 31 March 2019

The Pension Fund Accounts contain two core statements, the Pension Fund Account and the Net Assets Statement. Each of the statements is accompanied by supplementary notes providing additional detail to the figures presented.

31 March 2018 £000	Pension Fund Account	Note	31 March 2019 £000
	<b>Dealings with Members, Employers and Others directly Involved in the Fund</b>		
	<b>Income</b>		
(134,066)	Contributions	3	(137,260)
(16,504)	Transfers in from other pension funds	4	(11,349)
(110)	Other income		(163)
<b>(150,680)</b>			<b>(148,772)</b>
	<b>Benefits</b>	5	
85,504	Pensions		90,860
22,700	Commutation of pensions and lump sums		21,210
	<b>Payments to and on Account of Leavers</b>	6	
556	Refunds of contributions		804
14,113	Transfers out to other pension funds		11,736
<b>122,873</b>			<b>124,610</b>
<b>(27,807)</b>	<b>Net Additions from Dealings with Members</b>		<b>(24,162)</b>
<b>19,239</b>	<b>Management expenses</b>	7	<b>16,237</b>
<b>(8,568)</b>	<b>Net (Additions)/Withdrawals including Fund Management Expenses</b>		<b>(7,925)</b>
	<b>Returns on Investments</b>		
(45,448)	Investment income	8	(47,693)
(73,103)	Profits and losses on disposal of investments and changes in the market value of investments	9	(129,727)
554	Taxes on income	16	471
<b>(117,997)</b>	<b>Net Returns on Investments</b>		<b>(176,949)</b>
<b>(126,565)</b>	<b>Net (Increase)/Decrease in the Net Assets Available for Benefits During the Year</b>		<b>(184,874)</b>

## Pension Fund Accounts

### Net Assets Statement

31 March 2018 £000	Net Assets Statement	Note	31 March 2019 £000
	<b>Investments</b>		
840	Long term investments		840
883,946	Equities - quoted		573,933
352,726	Bonds		428,687
1,239,939	Pooled investment vehicles		1,690,849
204,534	Unit trusts - property		214,243
121,408	Cash deposits		80,693
102	Derivative contracts		(34)
9,504	Investment income		10,489
<b>2,812,999</b>	<b>Net Investments</b>	11	<b>2,999,700</b>
<b>14,293</b>	Current assets	15	<b>21,694</b>
<b>(5,143)</b>	Current liabilities	15	<b>(14,370)</b>
<b>2,822,149</b>	<b>Net Assets of the Fund Available to Fund Benefits at 31 March</b>		<b>3,007,024</b>

Note: The Fund's financial statements do not take account of liabilities to pay pensions and other benefits after the period end. The actuarial present value of promised retirement benefits is disclosed at Note 18.

### 1 Description of the Fund

Buckinghamshire County Council Pension Fund (the Fund) is part of the Local Government Pension Scheme (LGPS) and is administered by Buckinghamshire County Council. Organisations participating in the Fund include the County Council, Milton Keynes Council, the district and parish Councils of Buckinghamshire, Thames Valley Police, Buckinghamshire Fire and Rescue Service, and other scheduled and admitted bodies. These are listed in Note 21 to these Financial Statements. Teachers, fire fighters and police officers, for whom separate pension schemes apply, are excluded from the Pension Fund.

The purpose of the Pension Fund is to provide defined benefits for employees and their widows, widowers and children, based on pay and past service. The scheme is a career average scheme, whereby members accrue benefits based on their pensionable pay in that year at an accrual rate of 1/49<sup>th</sup>. Employee contribution bands range from 5.5% to 12.5% of pensionable pay. In April 2014 a 50/50 option was introduced which means members can pay half their contribution rate and build up half the pension benefit whilst retaining full value of other scheme benefits such as death in service lump sum and ill health cover. Accrued pension is revised annually in line with the Consumer Prices Index. Prior to 1 April 2014, pension benefits under the LGPS were based on final pensionable pay and length of pensionable service. More details of benefits provided under the scheme are available on the Council's pension website.

<https://www.buckscc.gov.uk/services/council-and-democracy/local-government-pension-scheme/scheme-members>

The Fund is governed by the Public Service Pensions Act 2013. The fund is administered in accordance with the following secondary legislation:

- the Local Government Pension Scheme Regulations 2013 (as amended)
- the Local Government Pensions Scheme (Transitional Provisions, Savings and Amendment) Regulations 2014 (as amended)
- the Local Government Pension Scheme (Management and Investment of Funds) Regulations 2016.



In 2015 the government announced that they wanted the 91 Local Government Pension Scheme funds to pool their investments into larger pools in order to achieve savings in investment management costs. Brunel Pension Partnership Ltd was formed to implement the investment strategies for ten Funds. The founding Funds include The Environment Agency Pension Fund, and the Local Government Funds of Avon, Buckinghamshire, Cornwall, Devon, Dorset, Gloucestershire, Oxfordshire, Somerset and Wiltshire. The company Brunel Pension Partnership Ltd was formed on 14 October 2016. By 31 December 2018 the collective assets of the pool were circa £30 billion.

The objective of pooling assets is to achieve savings over the longer term from both lower investment management costs and more effective management of the investment assets. The pool will look to deliver the savings based upon the collective buying power the collaboration initiative will produce. Local accountability will be maintained as each individual fund will remain responsible for strategic decisions including asset allocation. The pooling of assets will only affect the implementation of the investment strategy in terms of manager appointments. The transition of assets began in July 2018 and by 2021 for the majority of the assets will have transitioned, although illiquid alternative assets such as private equity may need a longer transition timetable. More information and updates can be found on the Brunel Pension Partnership website at: [www.brunelpensionpartnership.org](http://www.brunelpensionpartnership.org)

The following summarises the membership of the Fund:

<b>31 March 2018</b>	<b>Membership of the Fund</b>	<b>31 March 2019</b>
24,042	Contributors	24,141
18,548	Pensioners	19,411
27,313	Deferred pensioners	28,991
<b>69,903</b>	<b>Total Membership of the Fund</b>	<b>72,543</b>

### Investment Strategy Statement

The Local Government Pension Scheme (Management and Investment of Funds) Regulations 2016 require administering authorities to formulate and to publish a statement of its investment strategy, in accordance with guidance issued from time to time by the Secretary of State. The Investment Strategy Statement can be viewed on the Council's website.

[https://www.buckscc.gov.uk/media/4508836/bccpf\\_iss\\_may2017.pdf](https://www.buckscc.gov.uk/media/4508836/bccpf_iss_may2017.pdf)

### Further Information

The County Council publishes a separate Annual Report on the Pension Fund, which gives more detailed information, a copy can be viewed on the Council's pension website.

<http://www.buckscc.gov.uk/services/council-and-democracy/local-government-pension-scheme/investment/pension-fund-annual-reports/>

### Basis of Preparation

The accounts summarise the Fund's transactions for the 2018/19 financial year and its position at year end as at 31 March 2019. The accounts have been prepared in accordance with the Code of Practice on Local Authority Accounting (the Code), which is based on International Financial Reporting Standards (IFRS), as amended for the UK public sector.

The accounts summarise the transactions of the Fund and report on the net assets available to pay pension benefits. The accounts do not take account of obligations to pay pensions and benefits which fall due after the end of the financial year. The actuarial present value of promised retirement benefits is disclosed at Note 18 of these accounts.

## Pension Fund Accounts

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The Pension Fund is administered by Buckinghamshire County Council, but the Fund balances are not included in Buckinghamshire County Council's Consolidated Balance Sheet.

## 2. Accounting Policies and Critical Judgements in Applying Accounting Policies

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### Accounting Policies

#### Accruals of Income and Expenditure

The financial statements are prepared on an accruals basis, unless otherwise stated. That is, income and expenditure are recognised as they are earned or incurred, not as they are received or paid.

Contributions, benefits and investment income are included on an accruals basis. All settlements for buying and selling investments are accrued on the day of trading. Interest on deposits is accrued if not received by the end of the financial year. Investment management expenses are accounted for on an accruals basis. Administrative expenses are accounted for on an accruals basis, staff costs are paid by Buckinghamshire County Council then recharged to the Pension Fund at the year end and group transfers to and from the Fund are accounted for on an accruals basis unless it is too early in the negotiations for an estimate of the value to be available. Where income and expenditure has been recognised but cash has not been received or paid, a debtor or creditor for the relevant amount is recorded in the Net Assets Statement. Some additional payments are made to beneficiaries on behalf of certain employers. These payments are subsequently reimbursed by those employers. The figures contained in the accounts are shown exclusive of both payments and reimbursements.

Employers' augmentation contributions and pension strain contributions are accounted for in the period in which the liability arises. Individual transfers in / out are accounted for when received / paid, which is normally when the member liability is accepted or discharged.

#### Investment Income

Interest income is recognised in the fund account as it accrues, using the effective interest rate of the financial instrument as at the date of acquisition or origination. Income includes the amortisation of any discount or premium, transaction costs (where material) or other differences between the initial carrying amount of the instrument and its amount at maturity calculated on an effective interest rate basis. **Investment** income is recognised on the date the shares are quoted ex-dividend. Any amount not received by the end of the reporting period is disclosed in the net assets statement as **investment income**. Distributions from pooled funds are recognised at the date of issue. Any amount not received by the end of the reporting period is disclosed in the net assets statement as a current financial asset. Changes in the net market value of investments are recognised as income and comprise all realised and unrealised profits / losses during the year.

#### Benefits Payable

Pensions and lump sum benefits payable include all amounts known to be due as at the end of the financial year. Any amounts due but unpaid are disclosed in the net assets statement as current liabilities.

#### Management Expenses

All management expenses are accounted for on an accruals basis. Fees of the external investment managers and custodian are agreed in the respective mandates governing their appointments. These are based on the market value of the investments under their management and therefore increase or reduce as the value of these investments change.

In addition, the Fund has negotiated with the following managers that an element of their fee be performance related:

- Global Thematic Partners – global equities
- Investec Asset Management – global equities
- Mirabaud – UK equities

- Royal London Asset Management – bonds
- Schroders – global equities
- Standard Life – UK equities

### **Financial Instruments**

Financial Instruments that are “held for trading” are classified as financial assets and liabilities at fair value through profit or loss when the financial instrument is:

- Acquired or incurred principally for the purpose of selling or repurchasing it in the near term, or
- Part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit taking, or
- A derivative.

Financial assets and liabilities at fair value through profit or loss are initially recognised at fair value excluding transaction costs and carried at fair value without any deduction for transaction costs that would be incurred on sale or disposal.

Financial instruments have been classified as Loans and Receivables when they have fixed or determinable payments and are not quoted in an active market. Loans and receivables are initially recognised at Fair Value and carried at historic cost as they are all short term.

The value of market quoted investments is determined by the bid market price ruling on the final day of the accounting period. Fixed interest securities are recorded at net market value based on their current yields. Pooled investments in property funds, equity funds, fixed interest funds, private equity funds and hedge fund of funds are valued by the fund manager in accordance with industry guidelines. Note 12 includes commentary on the valuation methods that the Fund’s fund managers use.

### **Foreign Currency Transactions**

Foreign currency transactions are translated into sterling at the exchange rate ruling at the date of transaction. End of year spot market exchange rates are used to value cash balances held in foreign currency bank accounts, market values of overseas investments and purchases and sales outstanding at the end of the reporting period.

### **Derivatives**

The Fund uses derivative financial instruments to manage its exposure to certain risks arising from its investment activities. The Fund does not hold derivatives for speculative purposes. Currently the Fund only holds forward currency contracts. The future value of the forward currency contracts is based on market forward exchange rates at the year end date and determined as the gain or loss that would arise if the outstanding contract were matched at the year end with an equal and opposite contract.

### **Cash and Cash Equivalents**

Cash comprises cash in hand and demand deposits. Cash equivalents are short term, highly liquid investments that are readily convertible to known amounts of cash and that are subject to minimal risk of changes in value.

### **Contingent Assets & Liabilities and Commitments**

Contingent liabilities are disclosed by way of a note when there is a possible obligation which may require a payment or a transfer of economic benefits. The timing of the economic transfer and the level of certainty attaching to the event are such that it would be inappropriate to make a provision.

Contingent assets are disclosed by way of a note where inflow or a receipt or an economic benefit is possible and whose existence will be confirmed only by the occurrence or non-occurrence of one or more future events not wholly within the control of the Pension Fund.

## Pension Fund Accounts

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Commitments are disclosed by way of a note when there is a contractual commitment which may require a payment. The timing of the payment is such that it would be inappropriate to make a provision. Commitments are accounted for at the best estimate of the obligation.

### Critical Judgements in Applying Accounting Policies

#### Pension Fund Liability

The Fund liability is calculated every three years by the appointed actuary, with annual updates in the intervening years. The last such valuation took place as at 31 March 2016, the funding level of the Fund as a whole increased from 82% to 87% between 31 March 2013 and 31 March 2016. The next valuation will take place as at 31 March 2019. The Fund's actuary undertook an interim valuation as at 31 March 2018 which showed that the funding level had increased to 95% and the average required employer contribution would be 21.3% of payroll assuming the deficit is to be paid by 2032. The estimated funding position is based on market movements since 31 March 2016 rather than being a full valuation with updated member data. Following the 31 March 2019 triennial valuation, an updated funding level will be available later this year.

#### Assumptions Made About the Future and Other Major Sources of Estimation Uncertainty

The preparation of financial statements requires management to make judgements, estimates and assumptions that affect the amounts reported for assets and liabilities at the year end date and the amounts reported for assets and liabilities at the year end date and the amounts reported for the revenues and expenses during the year. Estimates and assumptions are made taking into account historical experience, current trends and other relevant factors. However, the nature of estimation means that the actual outcomes could differ from the assumptions and estimates.

The items in the net assets statement at 31 March 2019 for which there is a significant risk of material adjustment in the forthcoming financial year are as follows.

Item	Uncertainties	Effect if actual results differ from assumptions
<b>Actuarial present value of promised retirement benefits (Note 18)</b>	Estimation of the net liability to pay pensions depends on a number of complex judgements relating to the discount rate used, the rate at which salaries are projected to increase, changes in retirement ages, mortality rates and expected returns on pension fund assets. A firm of consulting actuaries is engaged to provide the fund with expert advice about the assumptions to be applied.	The effects on the net pension liability of changes in individual assumptions can be measured. For instance: a 0.1% increase in the discount rate assumption would result in a decrease in the pension liability of £93m a 0.1% increase in assumed earnings inflation would increase the value of liabilities by approximately £8m a one-year increase in assumed life expectancy would increase the liability by approximately £170m.
<b>Private equity fund of funds (Note 12)</b>	Private equity investments are valued at fair value in accordance with <i>International Private Equity and Venture Capital Valuation Guidelines</i> (2012). These investments are not publicly listed and as such there is a degree of estimation involved in the valuation.	Private equity investments are valued at £146m in the financial statements. There is a risk that this investment may be under or overstated in the accounts by £22m.

### Events After The Reporting Date

Since 31 March 2019, there has been some volatility in the financial markets, there would be an impact on the market value of the fund's investments were they to be valued as at the date these accounts were authorised. These changes are deemed to be non-adjusting post balance sheet events. There have been no events since 31 March 2019, and up to the date when these accounts were authorised, which require any adjustments to these accounts.

### Accounting Standards that have been issued but not yet adopted

The Code of Practice on Local Authority Accounting in the United Kingdom (the Code) requires the disclosure of information relating to the expected impact of an accounting change that will be required by a new standard that has been issued but not yet adopted. Potentially relevant standards include annual improvements to IFRS standards 2014-2016, IFRIC 22 foreign currency transactions and advance considerations and amendments to IFRS9 financial instruments: prepayment features with negative compensation.

## 3. Contributions

Contributions relating to wages and salaries paid up to 31 March 2019 have been included in these accounts, there were no augmented employers' contributions received during 2017/18 or 2018/19.

<b>Restated 2017/18 £000</b>	<b>Contributions by Category</b>	<b>2018/19 £000</b>
	<b>Employers' Contributions</b>	
(83,561)	Normal Contributions	(87,302)
(21,056)	Deficit Recovery Contributions	(19,829)
<u>(104,617)</u>	<b>Total Employers' Contributions</b>	<u>(107,131)</u>
<u>(29,449)</u>	<b>Members' Contributions</b>	<u>(30,129)</u>
<u>(134,066)</u>	<b>Total Contributions</b>	<u>(137,260)</u>

The 2017/18 employers' contributions by category have been restated to correct the allocation of the administering authority's normal and deficit contributions.

<b>Original 2017/18 £000</b>	<b>Contributions by Category</b>
	<b>Employers' Contributions</b>
(91,568)	Normal Contributions
(13,049)	Deficit Recovery Contributions
<u>(104,617)</u>	<b>Total Employers' Contributions</b>
<u>(29,449)</u>	<b>Members' Contributions</b>
<u>(134,066)</u>	<b>Total Contributions</b>

<b>2017/18 £000</b>	<b>Contributions by Authority</b>	<b>2018/19 £000</b>
(40,298)	Administering authority	(40,308)
(88,050)	Scheduled bodies	(92,413)
(5,718)	Admitted bodies	(4,539)
<u>(134,066)</u>	<b>Total Contributions</b>	<u>(137,260)</u>

## Pension Fund Accounts

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### 4. Transfer Values

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2017/18 £000	Transfers in from other pension funds	2018/19 £000
(4,427)	Group transfers	(2,159)
(12,077)	Individual transfers	(9,190)
<b>(16,504)</b>	<b>Total Transfers in from other pension funds</b>	<b>(11,349)</b>

The individual transfer values relate to transfers, which have been received during the financial year i.e. included on a cash basis. On 31 March 2019 there were two outstanding transfer values receivable greater than £50k, for which £196k had not been received. (On 31 March 2018 there were no outstanding transfer values receivable greater than £50k.)

On 31 March 2019 there was one group transfer to the Fund being negotiated with other Funds (3 on the 31 March 2018), the value of the transfers to the Fund is being negotiated between the Funds' actuaries. The income due to the Fund for the transfers has not been accrued since negotiations are at too early a stage for an estimate of the value to be available.

### 5. Benefits

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Benefits include all valid benefit claims notified during the financial year.

2017/18 £000	Benefits Payable by Category	2018/19 £000
85,504	Pensions	90,860
19,951	Commutations of pensions and lump sum retirement benefits	19,321
2,749	Lump sum death benefits	1,889
<b>108,204</b>	<b>Total Benefits</b>	<b>112,070</b>

2017/18 £000	Benefits Payable by Authority	2018/19 £000
37,825	Administering authority	40,227
62,049	Scheduled bodies	63,044
8,330	Admitted bodies	8,799
<b>108,204</b>	<b>Total Benefits</b>	<b>112,070</b>

### 6. Payments to and on Account of Leavers

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2017/18 £000	Payments to and on Account of Leavers	2018/19 £000
439	Refunds to members leaving service	761
117	Payments for members joining the state scheme	43
942	Group transfers to other pension funds	0
13,171	Individual transfers to other pension funds	11,736
<b>14,669</b>	<b>Total Payments to and on Account of Leavers</b>	<b>12,540</b>

The individual transfer values relate to transfers, which have been paid during the financial year i.e. included on a cash basis. On 31 March 2019 there were four outstanding individual transfer values payable greater than £50k, for which £528k had not been paid. On 31 March 2018 there were 4 outstanding individual transfer values payable greater than £50k, for which £439k had not been paid.

On 31 March 2019 there was one group transfer from the Fund being negotiated with other Funds (one on the 31 March 2018); the value of the transfers from the Fund is being negotiated between the Funds' actuaries. The expenditure in respect of the transfer has not been accrued since negotiations are at too early a stage for an estimate of the value to be available.

## 7. Management Expenses

2017/18	Management Expenses	2018/19
£000		£000
1,840	Administrative costs	2,177
16,623	Investment management expenses	13,501
776	Oversight and governance costs	559
<b>19,239</b>	<b>Total Management Expenses</b>	<b>16,237</b>

The analysis of the cost of managing the Pension Fund during the period has been prepared in accordance with CIPFA guidance. Management expenses have been categorised as administrative costs, investment management expenses and oversight / governance costs. Included in the oversight and governance costs are the external audit fees, £19k in 2018/19 (£25k in 2017/18). Administrative costs increased in 2018/19 due to appointing an external provider to undertake a reconciliation of the Fund's records to HMRC's Guaranteed Minimum Pension records.

Management fees for pooled funds and transaction costs have been included in the investment management expenses. The investment management expenses include £3.03m (£0.775m in the 2017/18 financial year) in respect of performance related fees payable to the fund's investment managers. It also includes £2.621m in respect of transaction costs (£1.697m in the 2017/18 financial year).

## 8. Investment Income

2017/18	Investment Income	2018/19
£000		£000
(23,781)	Dividends from equities	(23,026)
(13,510)	Income from bonds	(14,315)
(804)	Income from pooled investments	(162)
(6,767)	Income from property unit trusts	(7,420)
(201)	Interest on cash deposits	(903)
(385)	Other	(1,867)
<b>(45,448)</b>	<b>Total Investment Income</b>	<b>(47,693)</b>

## 9. Investments

All investments are valued on a fair value basis and where there is an active market the bid price is the appropriate quoted market price. The investment accounting information from 13 December 2017 is provided by State Street when they became the Fund's custodian, BNY Mellon provided the investment accounting information to 12

## Pension Fund Accounts

December 2017. Realised profit of £324m and unrealised loss of £195m are combined to report an increase in the market value of investments of £129m.

Investments (All values are shown £000)	Value at 31 March 2018 £000	Reclassification of Assets £000	Purchases at Cost £000	Sales Proceeds £000	Realised Profit / (Loss) £000	Unrealised Profit / (Loss) £000	Value at 31 March 2019 £000
Long term investments	840	-	-	-	-	-	840
Equities - quoted	883,946	-	458,840	(822,441)	79,231	(25,643)	573,933
Bonds	352,726	-	194,371	(123,385)	2,349	2,626	428,687
Pooled investment vehicles	1,239,939	-	1,308,442	(922,451)	238,483	(173,564)	1,690,849
Unit trusts - property funds	204,534	-	26,351	(18,923)	4,227	(1,946)	214,243
Derivative contracts	102	-	485	(463)	(22)	(136)	(34)
Cash deposits	121,408	-	-	(44,837)	-	4,122	80,693
	<b>2,803,495</b>	<b>-</b>	<b>1,988,489</b>	<b>(1,932,500)</b>	<b>324,268</b>	<b>(194,541)</b>	<b>2,989,211</b>
Investment income due	9,504						10,489
	<b>2,812,999</b>						<b>2,999,700</b>

During 2017/18 realised profit of £169.689m and unrealised loss of £96.586m combined to report an increase in the market value of investments of £73.103m.

Investments (All values are shown £000)	Value at 31 March 2017 £000	Reclassification of Assets £000	Purchases at Cost £000	Sales Proceeds £000	Realised Profit / (Loss) £000	Unrealised Profit / (Loss) £000	Value at 31 March 2018 £000
Long term investments	0	0	840	0	0	0	840
Equities - quoted	852,632	(214)	672,947	(643,674)	89,550	(87,295)	883,946
Bonds	339,005	0	163,024	(141,800)	3,808	(11,311)	352,726
Pooled investment vehicles	1,204,325	214	180,998	(212,055)	75,522	(9,065)	1,239,939
Unit Trusts - property funds	183,581	-	12,682	(2,826)	201	10,896	204,534
Derivative contracts	385	-	866	(1,473)	608	(284)	102
Cash deposits	87,736	-	-	33,199	-	473	121,408
	<b>2,667,664</b>	<b>-</b>	<b>1,031,357</b>	<b>(968,629)</b>	<b>169,689</b>	<b>(96,586)</b>	<b>2,803,495</b>
Investment income due	7,848						9,504
	<b>2,675,512</b>						<b>2,812,999</b>

Pooled investment vehicles are funds where the Pension Fund is not the named owner of specific investments such as shares or bonds, but owns a proportion of a pooled fund. The Code requires that pooled investments are analysed between unit trusts, unitised insurance policies and other managed funds. The pooled investment vehicles in the tables above are other managed funds. These funds include the following types of investments:

- Equities
- Fixed interest securities
- Index linked securities
- Hedge fund of funds
- Diversified growth funds
- Private equity fund of funds



The change in the fair value of investments during the year comprises all increases and decreases in the fair value of investments held at any time during the year, including profits and losses realised on sales of investments during the year. The Fund's investments in derivatives are not material and therefore further disclosures are not included in the accounts. Indirect costs are incurred through the bid-offer spread on investments within pooled investments.

The Fund does not participate directly in a stock lending programme.

On 31 March 2019 assets which exceed 5% of the total value of the net assets of the Fund are a £226.4m, 7.5%, investment in Legal & General's All Stocks Index-Linked Gilt Fund (£214.5m as at 31 March 2018) and a £767.1m, 25.5%, investment in Brunel Pension Partnership Passive Developed Global Equities portfolio (£0.0m as at 31 March 2018).

IFRS accounting requires that the Fund discloses information on fair value hedges, cash flow hedges and hedges of net investments in foreign operations. The Fund has exposure to hedges through its investments in a hedge fund of funds pooled investment vehicle, and so the hedge disclosure is not applicable to this type of investment.

## 10. Investment Management Arrangements

Aviva Investors sold its Real Estate Multi Manager (REMM) business to LaSalle Investment Management on 6 November 2018. Fund manager fees have been calculated according to the specific mandate and the associated contract agreement as shown in the following table:

Fund Manager / Mandate		Proportion of Fund			
		31 March 2018		31 March 2019	
		£000	%	£000	%
<b>Investments managed by Brunel Pension Partnership Ltd</b>					
Global Passive Equities		0	0	767,145	26
Infrastructure		0	0	5,883	0
Private Equity		0	0	1,565	0
<b>Investments managed by the Fund</b>					
La Salle / Aviva Investors	Property	211,284	8	221,066	7
BlackRock	Cash / inflation plus	134,944	5	139,122	5
Blackstone Alternative Asset Management	Hedge fund of funds	134,050	5	156,310	5
Global Thematic Partners	Less constrained global equities	197,393	7	0	0
Investec Asset Management	Less constrained global equities	232,988	8	258,633	9
Legal & General Investment Management	Passive index-tracker	786,732	28	444,420	15
Mirabaud Investment Management Limited	UK equities	151,172	5	218	0
Pantheon Private Equity	Private equity	135,818	5	119,040	4
Partners Group	Private equity	29,761	1	24,867	1
Royal London Asset Management	Core plus bonds	378,462	14	464,444	15
Schroders	Less constrained global equities	209,705	7	219,222	7
Aberdeen Standard Investments	Less constrained UK equities	119,862	4	121,985	4
Total		2,722,739	97	2,945,392	98

## Pension Fund Accounts

### 11. Analysis of the Value of Investments

31 March 2018	Analysis of the Value of Investments	31 March 2019
£000		£000
840	<b>Long Term Investments</b>	840
	<b>Bonds</b>	
	<b>Fixed Interest Securities</b>	
319	Overseas public sector	0
213,922	UK other	279,600
78,448	Overseas other	86,759
<b>292,689</b>	<b>Total Fixed Interest Securities</b>	<b>366,359</b>
	<b>Index-Linked Securities</b>	
50,934	UK Index-linked securities public sector	51,742
9,103	UK Index-linked securities other	10,586
<b>60,037</b>	<b>Total Index-Linked Securities</b>	<b>62,328</b>
<b>352,726</b>	<b>Total Bonds</b>	<b>428,687</b>
	<b>Equities</b>	
301,919	UK quoted	144,069
582,027	Overseas quoted	429,864
<b>883,946</b>	<b>Total Equities</b>	<b>573,933</b>
	<b>Pooled Investment Vehicles</b>	
10,735	UK Equities	0
358,218	UK Bonds	379,310
436,412	Overseas Equities	864,319
134,940	Overseas Diversified Growth Fund	139,122
134,050	Overseas Hedge Fund of Funds	156,310
0	Overseas Infrastructure	5,883
165,584	Overseas Private Equity	145,909
<b>1,239,939</b>	<b>Total Pooled Investment vehicles</b>	<b>1,690,849</b>
	<b>Other</b>	
204,534	Unit Trusts - property funds	214,243
102	Derivatives	(34)
121,408	Cash deposits – sterling and foreign cash	80,693
9,504	Investment Income	10,489
<b>335,548</b>	<b>Total Other</b>	<b>305,391</b>
<b>2,812,999</b>	<b>Total Value of Investments</b>	<b>2,999,700</b>

## 12. Financial Instruments

The Net Assets of the Fund disclosed in the Net Assets Statement are made up of the following categories of financial instruments:

31 March 2018			31 March 2019		
Fair value through profit and loss £000	Loans And Receivables £000	Financial Liabilities At amortised cost £000	Fair value through profit and loss £000	Loans And Receivables £000	Financial Liabilities At amortised cost £000
<b>Financial Assets</b>					
840	-	-	840	-	-
883,946	-	-	573,933	-	-
352,726	-	-	428,687	-	-
1,239,939	-	-	1,690,849	-	-
204,534	-	-	214,243	-	-
102	-	-	-	-	-
9,504	-	-	10,489	-	-
-	127,559	-	-	80,693	-
-	6,371	-	-	11,585	-
<b>2,691,591</b>	<b>133,930</b>	<b>-</b>	<b>2,919,041</b>	<b>92,278</b>	<b>-</b>
<b>Financial Liabilities</b>					
-	-	-	(34)	-	-
-	-	(4,190)	-	-	(13,367)
-	-	<b>(4,190)</b>	-	-	<b>(13,367)</b>
<b>2,691,591</b>	<b>133,930</b>	<b>(4,190)</b>	<b>2,919,007</b>	<b>92,278</b>	<b>(13,367)</b>
<b>2,821,331</b>			<b>2,997,918</b>		

Reconciliation to Net Investments in the Net Assets Statement	£000
Net Investments	3,007,024
Less contributions due current assets	(10,109)
Add HMRC current liabilities	1,003
Valuation of Financial Instruments carried at fair value	2,997,918

The net gains and losses on financial instruments are shown in the table below.

31 March 2018 £000		31 March 2019 £000
<b>Financial Assets</b>		
121,320	Fair value through profit and loss	175,424
1,770	Loans and receivables	2,227
-	Financial liabilities measured at amortised cost	-
<b>Financial Liabilities</b>		
-	Fair value through profit and loss	-
(238)	Loans and receivables	(9,177)

## Pension Fund Accounts

- Financial liabilities measured at amortised cost	-
<b>122,852 Total</b>	<b>168,474</b>

The code requires that for each class of financial assets and financial liabilities an authority shall disclose the fair value of that class of assets and liabilities in a way that permits it to be compared with its carrying amount. As all investments are disclosed at fair value, carrying value and fair value are therefore the same.

### Valuation of Financial Instruments Carried at Fair Value

The valuation of financial instruments has been classified into three levels, according to the quality and reliability of information used to determine fair values.

**Level 1:** Financial instruments where the fair values are derived from unadjusted quoted prices in active markets for identical assets or liabilities, quoted equities are classified as level 1. Listed investments are shown at bid prices. The bid value of the investment is based on the bid market quotation of the relevant stock exchange.

**Level 2:** Financial instruments where quoted market prices are not available; for example, where an instrument is traded in a market that is not considered to be active, or where valuation techniques are used to determine fair value and where these techniques use inputs that are based significantly on observable market data. Fixed interest securities are traded in an active market and evaluated prices sourced from a valid pricing vendor.

**Level 3:** Financial instruments at level 3 are those where at least one input that could have a significant effect on the instrument's valuation is not based on observable market data. Such instruments would include unquoted equity investments and hedge fund of funds, which are valued using various valuation techniques that require significant judgement in determining appropriate assumptions. The values of the investment in private equity are based on valuations provided by the general partners to the private equity fund of funds in which the Fund has invested. These valuations are prepared in accordance with the International Private Equity and Venture Capital Valuation Guidelines, which follow the valuation principles of IFRS. Valuations are audited annually as at 31 December, and the valuations as at 31 March reflect cash flow transactions since 31 December.

The values of the hedge fund of funds are based on the net asset value provided by the fund manager. Assurances over the valuation are gained from the independent audit of the value.

The following table analyses financial instruments, measured at fair value at the end of the reporting period, by the level in the fair value hierarchy into which the fair value measurement is categorised:

Value at 31 March 2019	Quoted Market Price	Using Observable Inputs	With Significant Unobservable Outputs	Total
	Level 1 £000	Level 2 £000	Level 3 £000	
Long term investments	-	-	840	840
Equities - quoted	573,933	-	-	573,933
Bonds	-	428,687	-	428,687
Pooled investment vehicles	-	1,539,057	151,792	1,690,849
Property – unit trusts	-	214,243	-	214,243
Derivatives	-	(34)	-	(34)
<b>Total</b>	<b>573,933</b>	<b>2,181,953</b>	<b>152,632</b>	<b>2,908,518</b>

Cash is not included in the analysis of assets held at fair value since it is held at amortised cost, not fair value.

Reconciliation to Net Investments in the Net Assets Statement	£000
Net Investments	2,999,700
Less Cash deposits	(80,693)
Less investment income	(10,489)
Valuation of Financial Instruments carried at fair value	2,908,518

Value at 31 March 2018	Quoted Market Price	Using Observable Inputs	With Significant Unobservable Outputs	Total
	Level 1 £000	Level 2 £000	Level 3 £000	£000
Long term investments	-	-	840	840
Equities - quoted	883,946	-	-	883,946
Bonds	-	352,726	-	352,726
Pooled investment vehicles	-	1,074,355	165,584	1,239,939
Property – unit trusts	-	204,534	-	204,534
Derivatives	-	102	-	102
<b>Total</b>	<b>883,946</b>	<b>1,631,717</b>	<b>166,424</b>	<b>2,682,087</b>

### Sensitivity Analysis of Assets Valued at Level 3

Having analysed historical data and current market trends, the Fund has determined that the valuation methods described above are likely to be accurate within the following ranges, and has set out below the potential impact on the closing value of investments held at 31 March 2019 and 31 March 2018.

	Assessed valuation range (+/-)	Value at 31 March 2019 £000	Value on increase £000	Value on decrease £000
Pooled investment vehicles - infrastructure	15%	5,883	6,765	5,001
Pooled investment vehicles – private equity	15%	145,909	167,795	124,023
<b>Total</b>		<b>151,792</b>	<b>174,560</b>	<b>129,024</b>

	Assessed valuation range (+/-)	Value at 31 March 2018 £000	Value on increase £000	Value on decrease £000
Pooled investment vehicles – private equity	15%	165,584	190,422	140,746
<b>Total</b>		<b>165,584</b>	<b>190,422</b>	<b>140,746</b>

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### Reconciliation of Fair Value Measurements Within Level 3

	Value at 31 March 2018 £000	Purchases £000	Sales £000	Realised profit/(loss) £000	Unrealised profit/loss £000	Value at 31 March 2019 £000
Pooled investment vehicles – private equity	165,584	8,853	(37,552)	31,745	(22,721)	145,909
Pooled investment vehicles – infrastructure	0	6,154	0	0	(271)	5,883
<b>Total</b>	<b>165,584</b>	<b>15,007</b>	<b>(37,552)</b>	<b>31,745</b>	<b>(22,992)</b>	<b>151,792</b>

	Value at 31 March 2017 £000	Purchases £000	Sales £000	Realised profit/(loss) £000	Unrealised profit/loss £000	Value at 31 March 2018 £000
Pooled investment vehicles – private equity	207,316	11,987	(66,599)	(5,785)	18,665	165,584
<b>Total</b>	<b>207,316</b>	<b>11,987</b>	<b>(66,599)</b>	<b>(5,785)</b>	<b>18,665</b>	<b>165,584</b>

The Fund's fund managers provided the following commentary on the valuation methods they use:

#### Blackstone – Fund of Hedge Funds

Blackstone's direct securities and derivative investments made through Blackstone's fund of hedge fund vehicles, such as Securities, Options, Futures are valued using prices quoted on the relevant exchanges. Forward currency contracts are valued at the current forward market prices obtained from brokers. Total return swaps are valued using the last reported public closing price of the underlying index.

#### Partners Group – Private Equity

Partners Group performs independent valuations of its underlying investments through a fair market valuation process, which is in accordance with International Financial Reporting Standards (IFRS) and United States Generally Accepted Accounting Principles (US GAAP).

Partners Group gathers the valuation-relevant information by systematically screening a broad set of sources for valuation-relevant information about portfolio companies which are held directly or indirectly by Partners Group's programs and mandates. This includes information supplied by the firm's due diligence and monitoring professionals, underlying fund managers and information published in industry journals and/or other publications.

#### LGIM – Passive Tracker Fund

The method used to value units is the same at every valuation date throughout the year. All holdings of the appropriate Pooled Fund Sections are valued at the close of business valuation point using a recognised pricing service. These values are then adjusted to allow for outstanding dividends, tax payable or recoverable and any relevant expenses (this creates the "Mid Value").

#### La Salle – Property Fund

La Salle rely on the NAV provided by each fund manager, computed in accordance with appropriate local standards, incorporating independent valuations conducted from suitably qualified external providers. These external NAVs are subject to review by La Salle's Real Estate Multi Manager (REMM) team.

### **Pantheon – Private Equity**

Investments are valued using the most relevant of methods listed below:

- Cost/recent round of financing/price of recent investment where recent transactions may be the most reflective of fair value.
- Comparable Private Company Transactions used for companies with low enterprise value or low EBITDA which means it is not appropriate to use earnings multiples of similar publicly listed companies.
- Earnings/Earnings Multiples /Performance Multiples valuations involve applying a multiple, appropriate to the company being valued, to the earnings of a company. The valuation is described as a function of two variables, price and earnings (The most widely used of the valuation methodologies, especially for buyout or other businesses that have comparable characteristics to companies in the public markets).
- Underlying value of Net Assets.
- Discounted Cash flows (DCF) where there are predictable cash flows visible over a given time horizon.
- Industry Benchmarks are normally based on the assumption that investors are willing to pay for market share, and that profitability of the business in the does not vary greatly.
- Unrestricted Publicly traded securities are valued at the closing public market price on the valuation date.

These methods are consistently applied across all investment types.

### **BlackRock Institutional Jersey Dynamic Diversified Growth Fund**

The above Fund is a sub-fund of the BlackRock Institutional Jersey Funds umbrella which reports under UK SORP and is not exchange-traded. The price is determined daily by the Funds Administrator and will be representative of the Fund's net asset value ("NAV") at each dealing point subject to any spreads applied, where appropriate. The Fund is not subject to any redemption notice periods and can be redeemed at each dealing point, currently on a daily basis.

## **13. Additional Financial Risk Management Disclosures**

The Fund's primary long term risk is that the Fund's assets will fall short of its liabilities (i.e. promised benefits payable to members). Therefore the aim of investment risk management is to minimise the risk of an overall reduction in the value of the Fund and to maximise the opportunity for gains across the whole fund portfolio. The Fund achieves this through asset diversification to reduce exposure to market risk (price risk, currency risk and interest rate risk) and credit risk to an acceptable level. In addition, the Fund manages its liquidity risk to ensure that there is sufficient liquidity to meet the Fund's forecast cash flows. The Pension Fund Committee manages these investment risks as part of its overall Fund risk management programme.

Responsibility for the Fund's risk management strategy rests with the Pension Fund Committee. The Pension Fund Risk Assessment analyses the risks faced by the Council's pensions operations, it is reviewed regularly by the Pension Fund Committee to reflect changes in activity and in market conditions. The analysis below is designed to meet the disclosure requirements of IFRS 7.

### **Market Risk**

Market risk represents the risk that the fair value of a financial instrument will fluctuate because of changes in market prices of equities, commodities, interest rates, foreign exchange rates and credit spreads. This could be as a result of changes in market price, interest rates or currencies. The objective of the Fund's Investment strategy is to manage and control market risk exposure within acceptable parameters, while optimising the return.

In general excessive volatility in market risk is managed through diversification across asset class, investment manager, country, industry sector and individual securities. Each manager is expected to maintain a diversified portfolio within their allocation.

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### Market Price Risk

Market price risk represents the risk that the value of a financial instrument will fluctuate as a result of changes in market prices (other than those arising from interest rate risk or foreign exchange risk), whether those changes are caused by factors specific to the individual instrument or its issuer or factors affecting the market in general.

By diversifying investments across asset classes and managers, the Fund aims to reduce the exposure to price risk. Diversification of asset classes seeks to reduce correlation of price movements, whilst the appointment of specialist managers enables the Fund to gain from their investment expertise.

### Market Price - Sensitivity Analysis

Whilst the value of the Fund's assets is sensitive to changes in market conditions and the Fund's assets are diversified across fund managers and asset classes to mitigate the risks. The Fund's liability to pay future benefits is equally sensitive, particularly to interest rate changes. In consultation with Mercer, the Fund's investment consultant, the Fund has determined that the following movements in market price risk are reasonably possible for 2019/20. Assuming that all other variables in particular foreign exchange rates and interest rates, if the market price of the Fund's investments does increase/decrease in line with the table below, the change in the market price of net assets available to pay benefits would be as follows.

<b>Asset Type</b>	<b>31 March 2019 £000</b>	<b>Percentage Change %</b>	<b>Value on increase £000</b>	<b>Value on decrease £000</b>
Long term investments	840	20.0	1,008	672
Equities – quoted	573,933	20.0	688,720	459,146
Bonds	428,687	4.2	446,621	410,753
Pooled investment vehicles	1,690,849	17.0	1,940,104	1,441,594
Property - unit trusts	214,243	14.8	245,951	182,535
Derivative contracts	(34)	12.2	(30)	(38)
Cash deposits	80,693	1.0	81,500	79,886
Investment income due	10,489	20.0	12,587	8,391
<b>Total</b>	<b>2,999,700</b>		<b>3,416,461</b>	<b>2,582,939</b>

Following analysis of historical data and expected investment return movement during the financial year, applying a 13.4% movement in market price risk which is reasonably possible for the 2017/18 reporting period, if the market price of the Fund's investments does increase/decrease in line with the table below, the change in the market price of net assets available to pay benefits would be as follows.

<b>Asset Type</b>	<b>31 March 2018 £000</b>	<b>Percentage Change %</b>	<b>Value on increase £000</b>	<b>Value on decrease £000</b>
Long term investments	840	13.4	953	727
Equities – quoted	883,946	13.4	1,002,395	765,497
Bonds	352,726	13.4	399,991	305,461
Pooled investment vehicles	1,239,939	13.4	1,406,091	1,073,787
Property - unit trusts	204,534	13.4	231,942	177,126
Derivative contracts	102	13.4	116	88
Cash deposits	121,408	13.4	137,677	105,139
Investment income due	9,504	13.4	10,778	8,230
<b>Total</b>	<b>2,812,999</b>		<b>3,189,943</b>	<b>2,436,055</b>



**Interest Rate Risk**

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates.

**Interest Rate – Sensitivity Analysis**

The Pension Fund recognises that interest rates vary and can impact income to the fund and the fair value of the assets, both of which affect the value of the net assets available to pay benefits. The sensitivity of the Fund's investments to changes in interest rates has been analysed by showing the impact of a 1% change, long term average interest rates are expected to move less than 1% from one year to the next. The exposure to interest rate risk for 31 March 2018 has been restated to show the impact of a 1% change on the asset values. This analysis assumes that all other variables, in particular foreign currency exchange rates, remain constant.

<b>31 March 2019</b>	<b>Asset Value</b>	<b>Impact of 1% increase</b>	<b>Impact of 1% decrease</b>
	<b>£000</b>	<b>£000</b>	<b>£000</b>
<b>Exposure to interest rate risk</b>			
Cash and cash equivalents	90,575	90,575	90,575
Fixed interest bonds	366,359	370,023	362,695
Variable rate bonds	62,328	62,328	62,328
<b>Total</b>	<b>519,262</b>	<b>522,926</b>	<b>515,598</b>

<b>Restated 31 March 2018</b>	<b>Asset Value</b>	<b>Impact of 1% increase</b>	<b>Impact of 1% decrease</b>
	<b>£000</b>	<b>£000</b>	<b>£000</b>
<b>Exposure to interest rate risk</b>			
Cash and cash equivalents	124,881	124,881	124,881
Fixed interest bonds	292,689	295,616	289,762
Variable rate bonds	60,037	60,037	60,037
<b>Total</b>	<b>477,607</b>	<b>480,534</b>	<b>474,680</b>

<b>Asset Type</b>	<b>Value</b>	<b>Change for the year in net assets available to pay benefits</b>	
		<b>1%</b>	<b>-1%</b>
	<b>£000</b>	<b>£000</b>	<b>£000</b>
<b>Audited Accounts as at 31 March 2018</b>			
Cash deposits	121,408	-	-
Cash balances (not forming part of the investment assets)	3,473	-	-
Bonds	292,689	2,927	(2,927)
<b>Total</b>	<b>417,570</b>	<b>2,927</b>	<b>(2,927)</b>

The exposure to interest rate risk for 31 March 2018 has been restated to show the impact of a 1% change on the interest receivable.

<b>2018/19</b>	<b>Interest receivable</b>	<b>Impact of 1% increase</b>	<b>Impact of 1% decrease</b>
	<b>£000</b>	<b>£000</b>	<b>£000</b>
<b>Exposure to interest rate risk</b>			
Cash and cash equivalents	903	912	894
Fixed interest bonds	8,721	8,721	8,721
Variable rate bonds	5,595	5,651	5,539
<b>Total</b>	<b>15,219</b>	<b>15,284</b>	<b>15,154</b>

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Restated 2017/18	Interest receivable	Impact of 1% increase	Impact of 1% decrease
	£000	£000	£000
<b>Exposure to interest rate risk</b>			
Cash and cash equivalents	201	203	199
Fixed interest bonds	8,230	8,230	8,230
Variable rate bonds	5,280	5,333	5,227
<b>Total</b>	<b>13,711</b>	<b>13,766</b>	<b>13,656</b>

Income Source	Value	Change for the year on income values	
		1%	-1%
	£000	£000	£000
<b>Audited accounts as at 31 March 2018</b>			
Cash deposits / cash and cash equivalents	201	20	(20)
Bonds	8,230	-	-
<b>Total</b>	<b>8,431</b>	<b>20</b>	<b>(20)</b>

Changes in interest rates do not impact on the value of cash / cash equivalent balances but they will affect the interest income received on those balances. Changes to both the fair value of assets and the income received from investments impact on the net assets available to pay benefits.

### Currency Risk

Currency risk represents the risk that the fair value of financial instruments will fluctuate because of changes in foreign exchange rates. The Fund is exposed to currency risk on financial instruments that are denominated in any currency other than sterling. When sterling depreciates the sterling value of foreign currency denominated investments will rise and when sterling appreciates the sterling value of foreign currency denominated investments will fall. Over the long term the differences in currencies are likely to balance out and the Fund has chosen not to hedge its currencies, with the exception of the European element of the La Salle property mandate.

### Currency Risk – Sensitivity Analysis

The sensitivity of the Fund's investments to changes in foreign currency rates have been analysed using a 9.36% movement in exchange rates in either direction for 31 March 2019. This analysis assumes that all variables, in particular interest rates, remain constant. Based on the composition of the Fund's currency exposure a 9.36% fluctuation in the currency is considered reasonable. A 9.36% weakening or strengthening of Sterling against the various currencies at 31 March 2019 would have increased or decreased the net assets by the amount shown below.

Currency Exposure by Asset Type	31 March 2019	Value on increase	Value on decrease
	£000	£000	£000
		+9.36%	-9.36%
Equities – quoted	439,638	480,788	398,488
Pooled investment vehicles	151,787	165,994	137,580
Property - unit trusts	163	178	148
Cash deposits	40,181	43,942	36,420
<b>Total</b>	<b>631,769</b>	<b>690,902</b>	<b>572,636</b>

The sensitivity of the Fund's investments to changes in foreign currency rates have been analysed using a 9.79% movement in exchange rates in either direction for 31 March 2018. This analysis assumes that all variables, in particular interest rates, remain constant. Based on the composition of the Fund's currency exposure a 9.79%

fluctuation in the currency is considered reasonable. A 9.79% weakening or strengthening of Sterling against the various currencies at 31 March 2018 would have increased or decreased the net assets by the amount shown below.

Currency Exposure by Asset Type	31 March 2018	Value on increase	Value on decrease
	£000	£000	£000
		<b>+9.79%</b>	<b>-9.79%</b>
Equities – quoted	540,358	593,259	487,457
Bonds	7,020	7,707	6,333
Pooled investment vehicles	167,712	184,131	151,293
Property - unit trusts	580	637	523
Cash deposits	98,247	107,865	88,629
<b>Total</b>	<b>813,917</b>	<b>893,599</b>	<b>734,235</b>

One important point to note is that currency movements are not independent of each other. If sterling strengthened generally it may rise against all the above currencies producing losses across all the currencies.

### Currency Exposure by Significant Currency

The Fund's most significant currency exposures are to US Dollars and EUROS, using data on currency risk of 9.40% for the US Dollar and 7.99% for the EURO. Weakening or strengthening of Sterling against US Dollars and EUROS at 31 March 2019 would have increased or decreased the net assets by the amounts shown in the following table.

Asset Type	31 March 2019	Percentage Change	Value on increase	Value on decrease
	£000	%	£000	£000
US Dollars	388,278	9.40	424,776	351,780
EUROS	113,438	7.99	122,502	104,374
<b>Total</b>	<b>501,716</b>		<b>547,278</b>	<b>456,154</b>

Weakening or strengthening of Sterling against US Dollars and EUROS at 31 March 2018 would have increased or decreased the net assets by the amounts shown in the following table.

Asset Type	31 March 2018	Percentage Change	Value on increase	Value on decrease
	£000	%	£000	£000
US Dollars	483,474	9.71	530,419	436,529
EUROS	179,210	9.23	195,751	162,669
<b>Total</b>	<b>662,684</b>		<b>726,170</b>	<b>599,198</b>

### Credit Risk

Credit risk represents the risk that the counterparty to a transaction or financial instrument will fail to discharge an obligation and cause the Fund to incur a financial loss. The market value of investments generally reflects an assessment of credit in their pricing and consequently the risk of loss is implicitly provided for in the carrying value of the Fund's financial assets and liabilities. In essence the Fund's entire investment portfolio is exposed to some sort of credit risk. The Fund is exposed to credit risk through its investment managers, custodian and its daily treasury management activities. Credit risk is minimised through the careful selection and monitoring of financial institutions and counterparties. Contractual credit risk is represented by the net payment or receipt that remains outstanding.

## Pension Fund Accounts

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A source of credit risk is the cash balances held internally or by managers. The Pension Fund's bank account is held at Lloyds, which holds an "A" long term credit rating. The management of the cash held in this account is managed by the Council's Treasury Management Team in line with the Council's Treasury Management Strategy which sets out the permitted counterparties and limits. The value of the Fund invested by the Treasury Management Team at 31 March 2019 was £0.691m in an instant access Lloyds account. (On 31 March 2018 £1.186m was invested in an instant access Lloyds account.) Cash held by investment managers is invested with the global custodian, State Street, in a diversified money market fund rated AAAM.

### Liquidity Risk

Liquidity risk represents the risk that the Fund will not be able to meet its financial obligations as they fall due. The main liabilities of the Fund relate to the benefits payable which fall due over a long period of time. The investment strategy reflects this and sets out the strategic asset allocation of the Fund. Liquidity risk is mitigated by investing a proportion of the Fund in actively traded instruments in particular equities and fixed income investments. The Fund maintains a cash balance to meet operational requirements.

The Fund defines liquid assets as assets that can be converted to cash within three months. Illiquid assets are those assets which will take longer to convert in to cash. The following table summarises the Fund's illiquid assets by fund manager.

<b>31 March 2018</b>		<b>31 March 2019</b>
<b>£000</b>		<b>£000</b>
211,284	Aviva	0
134,050	Blackstone	156,310
0	Brunel Infrastructure	5,883
0	Brunel Private Equity	1,565
0	La Salle	221,066
135,818	Pantheon Private Equity	119,040
29,761	Partners Group	24,867
567	Hg Capital	588
<b>511,480</b>		<b>529,319</b>

## 14. Related Parties

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The Buckinghamshire County Council Pension Fund is administered by Buckinghamshire County Council and therefore there is a strong relationship between the Council and the Pension Fund.

The County Council was reimbursed £2.2m (£2.1m in the 2017/18 year) for oversight & governance costs and administration costs incurred by the County Council on behalf of the Pension Fund. The County Council is also the single largest employer of members of the Pension Fund and contributed £40.3m to the Fund in 2018/19 (£40.3m in the 2017/18 year).

The Pension Fund's surplus cash held for day to day cash flow purposes is invested on the money markets by the Buckinghamshire County Council's treasury management team, through a service level agreement. During the year to 31 March 2019, the Fund had an average investment balance of £7.7m (£7.2m in the 2017/18 year), earning interest of £55k (£30k in the 2017/18 year).

Membership of the Local Government Pension Scheme (LGPS) for Councillors closed to new members on 31 March 2014, councillors who were active members ceased to be a member at the next end of term of office. There is one member of the Pension Fund Committee who is a deferred member of the Fund. There are no members of the Pension Fund Committee who are pensioner members of the Fund on 31 March 2019 (on 31 March 2018 no

pensioner or deferred members). The Director of Finance and Procurement (s151 Officer), holds a key position in the financial management of the Fund and is an active member. He is an employee of Buckinghamshire County Council for whom a portion of his costs of employment are re-charged to the Fund. Disclosure of his pay costs can be found within the officer remuneration note in the main Buckinghamshire County Council accounts.

The Pension Fund has transactions with Brunel Pension Partnership Ltd (BPP Ltd) (Company number 10429110) which was formed on 14 October 2016 and will oversee the investment of pension fund assets for ten Funds. The founding Funds include The Environment Agency Pension Fund, and the Local Government Funds of Avon, Buckinghamshire, Cornwall, Devon, Dorset, Gloucestershire, Oxfordshire, Somerset and Wiltshire. Each of the 10 organisations, including Buckinghamshire County Council own 10% of BPP Ltd. During the year to 31 March 2019 BPP Ltd provided services costing £835k (£840k in the year to 31 March 2018).

**15. Current Assets and Liabilities**

<b>31 March 2018</b>	<b>Current Assets and Liabilities</b>	<b>31 March 2019</b>
<b>£000</b>		<b>£000</b>
	<b>Current Assets</b>	
7,922	Contributions due from employers 31 March	10,109
3,473	Cash balances (not forming part of the investment assets)	9,882
2,898	Other current assets	1,703
<b>14,293</b>	<b>Total Current Assets</b>	<b>21,694</b>
	<b>Current Liabilities</b>	
(2,091)	Management charges	(1,170)
(953)	HM Revenue and Customs	(1,003)
(511)	Unpaid benefits	(692)
(1,588)	Other current liabilities	(11,505)
<b>(5,143)</b>	<b>Total Current Liabilities</b>	<b>(14,370)</b>
<b>9,150</b>	<b>Net Current Assets</b>	<b>7,324</b>

**16. Taxes on Income**

<b>2017/18</b>	<b>Taxes on Income</b>	<b>2018/19</b>
<b>£000</b>		<b>£000</b>
-	Withholding tax - fixed interest securities	-
554	Withholding tax - equities	471
<b>554</b>	<b>Total Taxes on Income</b>	<b>471</b>

The Fund retains the following taxation status:

- VAT input tax is recoverable on all fund activities by virtue of Buckinghamshire County Council being the administering authority.
- The fund is an exempt approved fund under the Finance Act 2004 and is therefore not liable to UK income tax or capital gains tax.
- Income earned from investments overseas in certain countries is subject to withholding tax, unless an exemption is available.

### 17. Actuarial Position of the Fund

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In accordance with Regulation 62 of the Local Government Pension Scheme Regulations 2013 (as amended), the Fund's actuary, Barnett Waddingham LLP, undertakes a funding valuation every three years to review the financial position of the Fund and to set appropriate contribution rates for each employer in the Fund for the forthcoming triennial period. The last such valuation took place as at 31 March 2016. The next valuation will take place as at 31 March 2019.

On 31 March 2016, the market value of the assets held were £2,221.253m, sufficient to cover 87% of the accrued liabilities assessed on an ongoing basis. All employers are projected to be fully funded after an average recovery period of 16 years. The primary rate of contribution is the employers' share of the cost of benefits accruing in each of the three years beginning 1 April 2017 and is 15.1% of payroll. In addition each employer pays a secondary contribution rate based on their particular circumstances, the secondary contribution rate across the whole Fund averages 6.2% in 2017/18, 6.3% in 2018/19 and 6.4% in 2019/20.

The results of the valuation are that the past service funding level of the Fund as a whole has increased from 82% to 87% between 31 March 2013 and 31 March 2016. The improvement of the funding position since the previous valuation is mainly due to good investment returns and employer contributions.

The main assumptions used in the valuation were:

#### Future assumed returns

▪ Investment return - gilts	2.4%	per annum
▪ Investment return - other bonds	3.3%	per annum
▪ Investment return - cash / temporary investments	1.8%	per annum
▪ Investment return - equities	7.4%	per annum
▪ Investment return - property	5.9%	per annum
▪ Investment return - absolute return fund (LIBOR+)	5.8%	per annum
▪ Investment return - expense allowance	-0.2%	per annum

#### Financial assumptions

▪ Discount rate	5.4%	per annum
▪ Pension increases	2.4%	per annum
▪ Short term pay increases	in line with CPI from 31 March 2016 to 31 March 2020	
▪ Long term pay increases	3.9%	per annum

The demographic assumptions are the same as those used by the Government Actuary's Department when LGPS reforms were designed and are based on analysis of incidence of death, retirement and withdrawal for Local Authority Funds.

The Fund's actuary undertook an interim valuation as at 31 March 2019 which showed that the funding level had increased to 95% and the average required employer contribution would be 21.3% of payroll assuming the deficit is to be paid by 2032. The estimated funding position is based on market movements since 31 March 2016 rather than being a full valuation with updated member data. Following the 31 March 2019 triennial valuation, an updated funding level will be available later this year.

## 18. Actuarial Present Value of Promised Retirement Benefits

International Financial Reporting Standards (IFRS) requires the disclosure of the actuarial present value of promised retirement benefits. The Fund's Actuary has prepared a report which rolls forward the value of the Employers' liabilities calculated for the Triennial valuation as at 31 March 2016. On an IAS 19 basis the Actuary estimates that the net liability as at 31 March 2019 is £1,792m (31 March 2018 £1,794m), but figures calculated on an IAS 19 basis are not relevant for calculations undertaken for funding purposes or for other statutory purposes undertaken under UK pensions legislation. The Fund accounts do not take account of liabilities to pay pensions and other benefits in the future.

For the Triennial Valuation the actuary asks the question – what is the value of the assets required based on existing investment strategy to be sufficient to meet future liabilities? For IAS 19 valuations, however, the actuary asks the question – how much would need to be borrowed on the corporate bond market to meet future liabilities?

The expected returns on the assets actually held will be different from borrowing costs, and so different amounts are required. This manifests itself in different discount rates being used in each type of valuation, and so different values are placed on the same liabilities.

<b>31 March 2018</b>		<b>31 March 2019</b>
<b>£000</b>		<b>£000</b>
4,605,799	Present value of funded obligation	4,791,251
(2,812,158)	Fair value of scheme assets	(2,998,856)
<b>1,793,641</b>	<b>Net Liability</b>	<b>1,792,395</b>

The Present Value of Funded Obligation consists of £4,628m (£4,470m at 31 March 2018) in respect of Vested Obligation and £163m (£136m at 31 March 2018) in respect of Non-Vested Obligation. Vested benefits are the benefits that employees have a right to receive even if they do not render services to the employer. In other words, the employees will receive their vested benefits even if they stop working for the employer. Thus, non-vested benefits are the benefits an employee can receive in the future if he or she continues providing services to the employer. The liabilities above are calculated on an IAS19 basis and therefore differ from the results of the triennial funding valuation (see Note 17) because IAS19 stipulates a discount rate rather than a rate that reflects market rates. The main assumptions used were:

<b>31 March 2018</b>		<b>31 March 2019</b>
3.3%	RPI increases	3.4%
2.3%	CPI increases	2.4%
3.8%	Salary increases	3.9%
2.3%	Pension increases	2.4%
2.6%	Discount rate	2.4%

These assumptions are set with reference to market conditions at 31 March. The Actuary's estimate of the duration of the Fund's past service liabilities is 20 years. An estimate of the Fund's future cashflows is made using notional cashflows based on the estimated duration above. These estimated cashflows are then used to derive a Single Equivalent Discount Rate (SEDR). The discount rate derived is such that the net present value of the notional cashflows, discounted at this single rate, equates to the net present value of the cashflows, discounted using the annualised Merrill Lynch AA rated corporate bond yield curve (where the spot curve is assumed to be flat beyond the 30 year point). This is consistent with the approach used at the previous accounting date.

Similarly to the approach used to derive the discount rate, the Retail Prices Index (RPI) increase assumption is set using a Single Equivalent Inflation Rate (SEIR) approach, using the notional cashflows described above. The single

## Pension Fund Accounts

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inflation rate derived is that which gives the same net present value of the cashflows, discounted using the annualised Merrill Lynch AA rated corporate bond yield curve, as applying the BoE implied inflation curve. As above, the Merrill Lynch AA rated corporate bond yield spot curve is assumed to be flat beyond the 30 year point and the BoE implied inflation spot curve is assumed to be flat beyond the 40 year point. This is consistent with the approach used at the previous accounting date. As future pension increases are expected to be based on CPI rather than RPI, the Actuary has made a further assumption about CPI which is that it will be 1.0% below RPI i.e. 2.4%.

Salaries are assumed to increase at 1.5% above CPI in addition to a promotional scale. However, the Actuary has allowed for a short term overlay from 31 March 2016 to 31 March 2020 for salaries to rise in line with CPI. **The liabilities include an allowance for the Court of Appeal judgement in relation to the McCloud & Sargeant cases which related to age discrimination within the Judicial & Fire Pension schemes respectively.**

### Demographic/Statistical assumptions

The actuary has adopted a set of demographic assumptions that are consistent with those used for the most recent Fund valuation, which was carried out as at 31 March 2016. The post retirement mortality tables adopted are the S2PA tables with a multiplier of 85%. These base tables are then projected using the CMI 2015 Model, allowing for a long-term rate of improvement of 1.5% p.a. The assumed life expectations from age 65 are:

Life expectancy from age 65 (years)	31 March 2018	31 March 2019
<b>Retiring today</b>		
Males	24.0	22.9
Females	26.1	24.8
<b>Retiring in 20 years</b>		
Males	26.2	24.6
Females	28.4	26.6

The actuary also assumed that:

- Members will exchange half of their commutable pension for cash at retirement;
- Members will retire at one retirement age for all tranches of benefit, which will be the pension weighted average tranche retirement age; and
- The proportion of the membership that had taken up the 50:50 option at the previous valuation date will remain the same.

## 19. Contingent Liabilities and Contractual Commitments

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Outstanding contractual commitments at 31 March 2019 relate to outstanding call payments due on unquoted limited partnership funds held in the private equity, resources, global real estate and infrastructure parts of the portfolio. The amounts "called" by the funds are irregular in both size and timing over several years from the date of each original commitment. The undrawn amount, the outstanding commitment, for each of these contracts is shown in the table below:

### Outstanding Capital Commitments

	31 March 2018	31 March 2019
	£000	£000
Brunel Infrastructure	0	68,846
Brunel Private Equity	0	73,570
Pantheon Asia Fund V LP	1,466	715
Pantheon Asia Fund VI LP	8,352	6,369
Pantheon USA Fund VII Limited	1,148	1,244
Pantheon USA Fund VIII Feeder LP	6,024	5,803
Pantheon Global Secondary Fund IV Feeder LP	3,572	3,465

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Partners Group Global Resources 2009, LP	3,020	3,271
Pantheon Europe Fund V "A" LP	999	982
Pantheon Europe Fund VI LP	4,721	3,578
Partners Group Global Real Estate 2008 SICAR	1,754	1,722
Partners Group Global Infrastructure 2009 SICAR	2,764	2,715
	<b>33,820</b>	<b>172,280</b>

On 31 March 2019 there was one group transfer to the Fund being negotiated with other Funds (3 on the 31 March 2018), the value of the transfers to the Fund is being negotiated between the Funds' actuaries. The income due to the Fund for the transfers has not been accrued since negotiations are at too early a stage for an estimate of the value to be available. On 31 March 2019 there was one group transfer from the Fund being negotiated with other Funds (one on the 31 March 2018), the value of the transfers from the Fund is being negotiated between the Funds' actuaries. The expenditure in respect of the transfers has not been accrued since negotiations are at too early a stage for an estimate of the value to be available.

## 20. Additional Voluntary Contributions (AVCs)

AVC providers secure additional benefits on a money purchase basis for those members electing to pay additional voluntary contributions. The AVC providers to the Fund are Prudential and Scottish Widows, Scottish Widows replaced Clerical Medical on 7 May 2017. Prudential invests in several funds including with profits accumulation, deposit and discretionary funds. Scottish Widows invests in a range of funds to suit Scheme members' changing lifestyles. These amounts are not included in the Pension Fund Net Assets Statement in accordance with regulation 5(2)c of the Pension Scheme (Management and Investment of Funds) Regulations 1998 (SI 1998 No 1831).

2017/18	Prudential	2018/19
£000		£000
4,035	Value of AVC fund at beginning of year	3,869
91	Correction opening value	860
570	Employees' contributions and transfers in	543
242	Investment income	79
(1,069)	Benefits paid and transfers out	(611)
<b>3,869</b>	<b>Value of AVC fund at year end</b>	<b>4,740</b>

07.05.2017 - 31.03.2018	Scottish Widows	2018/19
£000		£000
3,378	Value of AVC fund at beginning of year	3,321
0	Correction opening value	(437)
141	Employees' contributions	119
400	Investment income	(46)
(598)	Benefits paid and transfers out	(119)
<b>3,321</b>	<b>Value of AVC fund</b>	<b>2,838</b>

### 21. List of Scheduled and Admitted Bodies

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#### Scheduled Bodies

Buckinghamshire County Council	Princes Risborough Town Council
Buckinghamshire Fire and Rescue Service	Shenley Brook End and Tattenhoe Parish Council
Thames Valley Police	Shenley Church End Parish Council
Aylesbury Vale District Council	Stantonbury Parish Council
Chiltern District Council	Stony Stratford Town Council
Milton Keynes Council	Taplow Parish Council
South Bucks District Council	Waddesdon Parish Council
Wycombe District Council	Wendover Parish Council
	West Bletchley Town Council
Amersham Town Council	West Wycombe Parish Council
Aston Clinton Parish Council	Weston Turville Parish Council
Aylesbury Town Council	Winslow Town Council
Beaconsfield Town Council	Woburn Sands Town Council
Bletchley & Fenny Stratford Town Council	Wolverton & Greenleys Town Council
Bradwell Parish Council	Wooburn & Bourne End Parish Council
Broughton & Milton Keynes Parish Council	Woughton Community Council
Buckingham Town Council	
Burnham Parish Council	Alfriston School
Campbell Park Parish Council	Amersham School
Chalfont St Giles Parish Council	Aspire Schools
Chalfont St Peter Parish Council	Aylesbury College
Chepping Wycombe Parish Council	Aylesbury Grammar School
Chesham Bois Parish Council	Aylesbury High School
Chesham Town Council	Aylesbury Vale Academy
Chiltern Crematorium	Beaconsfield High School
Chilterns Conservation Board	Bedgrove Infant School
Coldharbour Parish Council	Bedgrove Junior School
Coleshill Parish Council	Beechview Academy
Gerrards Cross Parish Council	Bourne End Academy
Great Missenden Parish Council	Bourton Meadow Academy
Hambleden Parish Council	Bridge Academy
Hazlemere Parish Council	Brill CofE Combined School
Iver Parish Council	Brookmead School
Ivinghoe Parish Council	Brooksward School
Kents Hill & Monkston Parish Council	Brushwood Junior School
Lacey Green Parish Council	Buckinghamshire New University
Lane End Parish Council	Buckinghamshire University Technical College
Little Marlow Parish Council	Burnham Grammar School
Longwick-cum-Ilmer Parish Council	Bushfield School
Marlow Town Council	Castlefield School
Mentmore Parish Council	Chalfonts Community College
New Bradwell Parish Council	Chalfont St Peter CE Academy
Newport Pagnell Town Council	Chalfont Valley E-Act Academy
Newton Longville Parish Council	Charles Warren Academy
Olney Town Council	Chepping View Primary Academy
PCC for Thames Valley	Chesham Bois CofE Combined School
Penn Parish Council	Chesham Grammar School
Piddington & Wheeler End Parish Council	Chestnuts Academy

Chiltern Hills Academy	Oakgrove School
Chiltern Way Academy	Olney Infant School
Cottesloe School	Olney Middle Academy
Danesfield School	Orchard Academy
Denbigh School	Ousedale School
Denham Green E-Act Academy	Overstone Combined School
Dorney School	Oxford Diocesan Bucks School Trust (MAT)
Dr Challoner's Grammar School	Oxley Park Academy
Dr Challoner's High School	Padbury CofE School
E-Act Burnham Park Academy	Portfields Combined School
EMLC Academy Trust	Princes Risborough Primary School
Fairfields Primary School	Princes Risborough School
George Grenville Academy	Rickley Park Primary School
Germander Park School	Royal Grammar School
Gerrards Cross CoE School	Royal Latin School
Glastonbury Thorn First School	St John's CofE Combined School
Great Horwood CofE Combined School	St Nicolas' CE Combined School Taplow
Great Kimble CoE School	St Paul's RC School
Great Kingshill CoE Combined School	Seer Green CofE School
Great Marlow School	Shenley Brook End School
Great Missenden CoE Combined School	Shepherdswell School
Green Park School	Sir Henry Floyd Grammar School
Green Ridge Academy	Sir Herbert Leon Academy
Hamilton Academy	Sir Thomas Fremantle Academy
Heronsgate School	Sir William Borlase's Grammar School
Heronshaw School	Sir William Ramsay School
Holmer Green Senior School	Southwood Middle School
Ickford School	Stanton School
Inspiring Futures Through Learning	Stantonbury Campus
Ivingswood Academy	Stephenson Academy
John Colet School	The Beaconsfield School
John Hampden Grammar School	The Bridge Academy
Jubilee Wood Primary School	The Hazeley Academy
Kents Hill Park School	The Highcrest Academy
Kents Hill School	The Misbourne School
Khalsa Secondary Academy	The Premier Academy
Kingsbridge Education Trust (MAT)	The Radcliffe School
Knowles Primary School	Thomas Harding Junior School
Lace Hill Academy	Two Mile Ash School
Lent Rise Combined School	Waddesdon CoE School
Longwick CofE Combined School	Walton High
Lord Grey Academy	Water Hall Primary School
Loudwater Combined School	Waterside Combined School
Loughton School	Whitehouse Primary School
Middleton Primary School	Wooburn Green Primary Academy
Milton Keynes Academy	Wycombe High School
Milton Keynes College	Wyvern School
Milton Keynes Development Partnership	
Milton Keynes Education Trust	<b>Election Fees:</b>
Monkston Primary Academy	Aylesbury Vale Local
New Bradwell School	South Bucks Local
New Chapter Primary School	

### Admitted Bodies

Acorn Childcare  
Action for Children  
Action for Children (Children's Centres)  
Adventure Learning Foundation (BCC)  
Ambassador Theatre Group  
Ashridge Security Management  
Aspens Services Ltd  
Avalon Cleaning Services (Langland School)  
Buckinghamshire Music Trust  
Bucks Association of Local Councils  
Bucks County Museum Trust  
Busy Bee Cleaning Services Ltd (WDC)  
C-SALT (Woughton Leisure Centre)  
Capita (WDC)  
Caterlink Ltd (Buckingham Primary)  
Caterlink Ltd (Chiltern Hills Academy)  
Chartwells Ltd (Oakgrove School)  
Chiltern Rangers CIC  
Cleantec Services Limited (MK Academy)  
Cleantec Services Limited (Oakgrove School)  
Connexions Buckinghamshire  
Cucina Restaurants Ltd (Denbigh School)  
Cucina Restaurants Ltd (Walton High)  
Derwent Facilities Management Ltd  
Excelcare  
Fujitsu Services Limited  
Hayward Services Ltd (Downley School)  
Hayward Services Ltd (John Colet)  
Heritage Care  
Hightown Housing Association Ltd  
Innovate Ltd  
Kids Play Ltd  
Manpower Direct Ltd  
Mears Group plc  
Mercury Infrastructure Limited  
NSL Services Group  
Nurture Landscapes (MKC)  
Oxfordshire Health NHS Foundation Trust  
Paradigm Housing Association  
Places for People Leisure (Newport Pagnell TC)  
Places for People Leisure (WDC)  
Police Superintendents Association Limited  
Red Kite Community Housing Ltd  
Ridge Crest Cleaning Ltd (Shenley Brook End)  
Ridge Crest Cleaning Ltd (Walton High)  
Ringway Infrastructure Services  
Ringway Jacobs  
Serco (MKC)  
Serco (MKC Recreation & Maintenance)  
Sports Leisure Management  
Spurgeons  
The Fremantle Trust  
Vale of Aylesbury Housing Trust  
Wolverton & Watling Way Pools Trust  
Wycombe Heritage and Arts Trust

# The Audit Findings for Buckinghamshire Pension Fund

Year ended 31 March 2019

July 2019



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## Appendices

- A. Action plan
- B. Follow up of prior year recommendations
- C. Audit adjustments

The contents of this report relate only to those matters which came to our attention during the conduct of our normal audit procedures which are designed for the purpose of expressing our opinion on the financial statements. Our audit is not designed to test all internal controls or identify all areas of control weakness. However, where, as part of our testing, we identify control weaknesses, we will report these to you. In consequence, our work cannot be relied upon to disclose all defalcations or other irregularities, or to include all possible improvements in internal control that a more extensive special examination might identify. This report has been prepared solely for your benefit and should not be quoted in whole or in part without our prior written consent. We do not accept any responsibility for any loss occasioned to any third party acting, or refraining from acting on the basis of the content of this report, as this report was not prepared for, nor intended for, any other purpose.

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## Headlines

This table summarises the key findings and other matters arising from the statutory audit of Buckinghamshire Pension Fund ('the Pension Fund') and the preparation of the Pension Fund's financial statements for the year ended 31 March 2019 for those charged with governance.

<p><b>Financial Statements</b></p>	<p>Under International Standards of Audit (UK) (ISAs) and the National Audit Office (NAO) Code of Audit Practice ('the Code'), we are required to report whether, in our opinion, the Pension Fund's financial statements:</p> <ul style="list-style-type: none"> <li>• give a true and fair view of the financial position of the Pension Fund and its income and expenditure for the year; and</li> <li>• have been properly prepared in accordance with the CIPFA/LASAAC code of practice on local authority accounting and prepared in accordance with the Local Audit and Accountability Act 2014.</li> </ul>	<p>We planned to complete our audit by 31 July 2019, but this may not prove to be possible. There are several reasons for this, which are as follows:</p> <ul style="list-style-type: none"> <li>• The 'Significant findings – other issues' section of this report sets out the additional work we have had to perform in respect of the McCloud court case. The work on this matter has impacted on the progress of a number of areas of the audit, due to the additional time commitment required. This matter was outside the control of the Pension Fund and the court case was only finalised in June, after the accounts had been submitted for audit</li> <li>• The additional work arising from this specialist pensions work has increased our total workload. We have sought to avoid this impacting on the quality of the audit by retaining our use of specialist public sector audit individuals, rather than expanding the team to use non-specialists. Whilst we have sought to contain and absorb the additional work as much as possible, we also want to avoid untenable pressures on our auditors as well as your finance team</li> <li>• Responses to audit queries have, on some occasions, been too slow to arrive and in some instances supporting listings have not agreed to the amounts per the financial statements. Leave within the pension fund team during the audit visit has also slowed progress.</li> </ul> <p>Our current findings are summarised on pages 4 to 8. We have currently identified no adjustments to the financial statements that affect the Pension Fund's reported financial position. Audit adjustments are detailed in Appendix C. We have also raised recommendations for management in Appendix A and detailed the follow up to our prior year recommendation in Appendix B. We will need to provide you with an updated version of this document when our audit is substantially complete. We will provide the Pension Fund with a draft audit report opinion in this updated version.</p> <p>There are currently no matters of which we are aware that would require modification of our audit opinion or material changes to the financial statements, subject to the following outstanding matters;</p> <ul style="list-style-type: none"> <li>- completion of our review of the updated actuarial disclosures;</li> <li>- completion of testing of level 3 investments;</li> <li>- receipt of the management representation letter;</li> <li>- evaluating the existence of any subsequent events up to the date of our opinion;</li> <li>- review of the Pension Fund Annual Report; and</li> <li>- review of the final set of financial statements.</li> </ul>
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# Summary

## Overview of the scope of our audit

This Audit Findings Report presents the observations arising from the audit that are significant to the responsibility of those charged with governance to oversee the financial reporting process, as required by International Standard on Auditing (UK) 260 and the Code of Audit Practice ('the Code'). Its contents have been discussed with management.

As auditor we are responsible for performing the audit, in accordance with International Standards on Auditing (UK) and the Code, which is directed towards forming and expressing an opinion on the financial statements that have been prepared by management with the oversight of those charged with governance. The audit of the financial statements does not relieve management or those charged with governance of their responsibilities for the preparation of the financial statements.

## Audit approach

Our audit approach was based on a thorough understanding of the Pension Fund's business and is risk based, and in particular included:

- An evaluation of the Pension Fund's internal controls environment, including its IT systems and controls;
- Controls testing of the Pension Fund's member data system; and
- Substantive testing of significant transactions and material account balances, including the procedures outlined in this report in relation to the key audit risks

We have not had to alter or change our audit plan, as communicated to you in March 2019, other than to identify an additional risk in relation to the transfer of assets to the Brunel Pension Partnership during the year. Further details can be found on page 5.

## Conclusion

Our audit of your financial statements is in progress. This report contains all our findings to date which we need to report to you. We will need to provide you with an updated version of this document when our audit is substantially complete. We do not anticipate issuing our audit opinion before 31 July 2019.

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## Our approach to materiality

The concept of materiality is fundamental to the preparation of the financial statements and the audit process and applies not only to the monetary misstatements but also to disclosure requirements and adherence to acceptable accounting practice and applicable law.

Materiality calculations since those communicated in our Audit Plan have been updated to reflect the increase in value of the net assets of the Pension Fund since 31 March 2018 and the updated materiality amounts are stated right.

	Amount (£m)
Materiality for the financial statements	30.1
Performance materiality	22.6
Trivial matters	1.5



# Significant findings – audit risks

	Risks identified in our Audit Plan	Auditor commentary
	<p>1 <b>The revenue cycle includes fraudulent transactions (rebutted)</b></p>	<p>As communicated in our Audit Plan, we have rebutted this risk. We have made no changes to this assessment.</p>
	<p>2 <b>Management override of controls</b></p>	<p>We have:</p> <ul style="list-style-type: none"> <li>evaluated the design effectiveness of management controls over journals</li> <li>analysed the journals listing and determined the criteria for selecting high risk unusual journals</li> <li>tested unusual journals recorded during the year and after the draft accounts stage for appropriateness and corroboration</li> <li>gained an understanding of the accounting estimates and critical judgements applied made by management and consider their reasonableness with regard to corroborative evidence</li> <li>evaluated the rationale for any changes in accounting policies, estimates or significant unusual transactions</li> </ul> <p>We raised one recommendation in relation to journals authorisation and further details can be found in Appendix A. Other than this recommendation, our audit work has not identified any issues in respect of management override of controls.</p>
41	<p>3 <b>Valuation of Level 3 investments</b></p>	<p>We have:</p> <ul style="list-style-type: none"> <li>evaluated management's processes for valuing Level 3 investments</li> <li>reviewed the nature and basis of estimated values and considered what assurance management has over the year end valuations provided for these types of investments; to ensure that the requirements of the Code are met</li> <li>for a sample of investments, tested the valuation by obtaining and reviewing the audited accounts, (where available) at the latest date for individual investments and agreed these to the fund manager reports at that date. We reconciled those values to the values at 31 March 2019 with reference to known movements in the intervening period</li> </ul> <p><b>Subject to completion of our testing as set out on page 3</b>, our audit work has not identified any issues in respect of the valuation of Level 3 investments.</p>
	<p>4 <b>Transfer of assets to Brunel Pension Partnership (BPP)</b> The Fund transferred £767.1m to BPP during the year. As a numerically significant and unusual transaction, there is a risk that the transfer of assets is made incompletely or inaccurately.</p>	<p>We have:</p> <ul style="list-style-type: none"> <li>evaluated management's processes for transferring assets to BPP</li> <li>tested the reconciliation used by management to confirm that the assets were transferred completely and accurately</li> </ul> <p>Our audit work has not identified any issues in respect of the transfer of assets to BPP.</p>

# Significant findings - Going concern

## Our responsibility

As auditors, we are required to “obtain sufficient appropriate audit evidence about the appropriateness of management's use of the going concern assumption in the preparation and presentation of the financial statements and to conclude whether there is a material uncertainty about the entity's ability to continue as a going concern” (ISA (UK) 570).

## Going concern commentary

### Management's assessment process

### Auditor commentary

- Management have concluded that the use of the going concern basis is appropriate for the Pension Fund and that they have not identified events or conditions that, individually or collectively, may cast significant doubt on the Pension Fund's ability to continue as a going concern
- Management have supported their assessment by reference to the Pension Fund engaging in new business relationships, such as the ongoing agreements with Brunel Pension Partnership.

### Work performed

### Auditor commentary



- We considered the appropriateness of management's use of the going concern basis in preparing the financial statements
- We assessed whether there were any events or conditions present that may cast significant doubt on the Pension Fund's ability to continue as a going concern
- We evaluated the adequacy of disclosures in the financial statements relating to going concern.

### Concluding comments





### Auditor commentary

- We have not identified any reasons to modify our audit opinion as a result of our procedures over going concern.

## Significant findings – key judgements and estimates

	Summary of management's policy	Audit Comments	Assessment
<b>Level 3 investments</b>	The Pension Fund has investments in private equity and infrastructure that in total are valued in the net assets statement as at 31 March 2019 at £152.8m. These investments are not traded on an open exchange/market and the valuation of the investment is highly subjective due to a lack of observable inputs. In order to determine the value, management use fund managers to determine valuations using recognised techniques for the particular investment type (private equity and infrastructure). The value of the investment has decreased by £13.6m in 2018/19, due mainly to transfer of assets to BPP and calls and distributions on these investments during the year.	<p>Our assessment of the estimate comprised:</p> <ul style="list-style-type: none"> <li>Evaluating the audit opinion relating to the funds within which the investments are held</li> <li>Testing the key assumptions used to determine the estimate</li> <li>The appropriateness of the underlying information and techniques used to determine the estimate</li> <li>Adequacy of disclosure of the estimate in the financial statements</li> </ul> <p>We are still completing our work in this area.</p>	 <b>TBC</b>
<b>Level 2 investments</b>	The Pension Fund have investments in a range of bonds, pooled investment vehicles and property unit trusts that in total are valued in the net assets statement as at 31 March 2019 at £2,181.8m. The investments are not traded on an open exchange/market and the valuation of the investment is subjective. In order to determine the value, management use fund managers to determine valuations using recognised pricing techniques (such as for the equities and bonds held within pooled investment vehicles) and where appropriate use qualified external providers (for property unit trusts). The value of the investment has increased by £550.1m in 2018/19, predominantly due to the transfer of assets to BPP, where the assets are predominantly held as pooled investment vehicles.	<p>Our assessment of the estimate comprised:</p> <ul style="list-style-type: none"> <li>The controls employed by the fund managers engaged by management to determine the valuation of these investments</li> <li>Agreeing investment unit prices or valuations to reports from the custodian and fund managers</li> <li>The appropriateness of the underlying information and techniques used to determine the estimate</li> <li>Adequacy of disclosure of the estimate in the financial statements</li> </ul>	 <b>Green</b>

### Assessment

-  We disagree with the estimation process or judgements that underpin the estimate and consider the estimate to be potentially materially misstated
-  We consider the estimate is unlikely to be materially misstated however management's estimation process contains assumptions we consider optimistic
-  We consider the estimate is unlikely to be materially misstated however management's estimation process contains assumptions we consider cautious
-  We consider management's process and key assumptions to be reasonable

## Significant findings – other issues

Issue	Commentary	Auditor view
<p><b>Potential impact of the McCloud judgement</b></p> <p>The Court of Appeal has ruled that there was age discrimination in the judges and firefighters pension schemes where transitional protections were given to scheme members.</p> <p>The Government applied to the Supreme Court for permission to appeal this ruling, but this permission to appeal was unsuccessful. The case will now be remitted back to employment tribunal for remedy.</p> <p>The legal ruling around age discrimination (McCloud - Court of Appeal) has implications not just for pension funds but also for other pension schemes where they have implemented transitional arrangements on changing benefits.</p>	<p>Discussion is ongoing in the sector regarding the potential impact of the ruling on the financial statements of Local Government bodies.</p> <p>The Pension Fund has obtained an estimate from its actuary of the potential impact of the McCloud ruling. The actuary's estimate was of a possible increase in each of pension liabilities and past service costs of £38.8m.</p> <p>Management's view is that the impact of this change is material. The Pension Fund has now received the updated IAS 26 Report from its actuary and is incorporating the revised actuarial valuation into its 2018-19 financial statements.</p>	<p>We are currently finalising our procedures to assess the approach used by the Pension Fund's actuary and the assumptions used and <b>we will conclude in our updated report on the reasonableness of the approach taken to arrive at this estimate on completion of our work in this area.</b></p> <p>Given the change in liability resulting from the McCloud judgement management has agreed to process the adjustments of £38.8m based on the updated IAS 26 report. We consider this an appropriate adjustment to the Pension Fund's financial statements.</p> <p>We have included this as an adjusted item at Appendix C.</p>

## Other communication requirements

We set out below details of other matters which we, as auditors, are required by auditing standards and the Code to communicate to those charged with governance.

Issue	Commentary
① <b>Matters in relation to fraud</b>	<ul style="list-style-type: none"> <li>We have previously discussed the risk of fraud with the Regulatory and Audit Committee. We have not been made aware of any other incidents in the period and no other issues have been identified during the course of our audit procedures.</li> </ul>
② <b>Matters in relation to related parties</b>	<ul style="list-style-type: none"> <li>We are not aware of any related parties or related party transactions which have not been disclosed.</li> </ul>
③ <b>Matters in relation to laws and regulations</b>	<ul style="list-style-type: none"> <li>You have not made us aware of any significant incidences of non-compliance with relevant laws and regulations and we have not identified any incidences from our audit work.</li> </ul>
④ <b>Written representations</b>	<ul style="list-style-type: none"> <li>A letter of representation has been requested from the Pension Fund, which is included in the Regulatory and Audit Committee papers.</li> </ul>
⑤ <b>Confirmation requests from third parties</b>	<ul style="list-style-type: none"> <li>We requested from management permission to send confirmation requests to the Pension Fund's custodian, fund managers and bank. This permission was granted and the requests were sent. All of these requests were returned with positive confirmation.</li> </ul>
⑥ <b>Disclosures</b>	<ul style="list-style-type: none"> <li>Our review found no material omissions in the financial statements.</li> </ul>
⑦ <b>Matters on which we report by exception</b>	<ul style="list-style-type: none"> <li>We are required to give a separate opinion for the Pension Fund Annual Report on whether the financial statements included therein are consistent with the audited financial statements. <b>We are currently reviewing the Annual Report and will issue our 'consistency' opinion on the Pension Fund Annual Report on completing this work.</b> As such, we have not given this separate opinion at this time and are unable to certify completion of the audit of the Pension Fund administering authority until this work has been completed.</li> </ul>

## Independence, ethics and fees

We confirm that there are no significant facts or matters that impact on our independence as auditors that we are required or wish to draw to your attention. We have complied with the Financial Reporting Council's Ethical Standard and confirm that we, as a firm, and each covered person, are independent and are able to express an objective opinion on the financial statements

We confirm that we have implemented policies and procedures to meet the requirements of the Financial Reporting Council's Ethical Standard and we as a firm, and each covered person, confirm that we are independent and are able to express an objective opinion on the financial statements.

Further, we have complied with the requirements of the National Audit Office's Auditor Guidance Note 01 issued in December 2017 which sets out supplementary guidance on ethical requirements for auditors of local public bodies.

### Audit and Non-audit related services

For the purposes of our audit we have made enquiries of all Grant Thornton UK LLP teams providing services to the Pension Fund. The following non-audit services were identified, as well as the threats to our independence and safeguards that have been applied to mitigate these threats.

	Fees £	Threats identified	Safeguards
<b>Non-audit related</b>			
IAS 19 procedures for other bodies admitted to the pension fund	TBC	Self interest	Fees are insignificant when compared to the audit fee.

### Audit Fees

We confirm below our final fees charged for the audit and confirm there were no fees for the provision of non-audit services. The fees reconcile to the financial statements.

	Proposed fee	Final fee
<b>Pension Fund Audit</b>	£19,275	TBC
<b>Total audit fees (excluding VAT)</b>	<b>£19,275</b>	<b>TBC</b>

# Action plan

We have currently identified two recommendations for the Pension Fund as a result of issues identified during the course of our audit. We have agreed our recommendations with management and we will report on progress on these recommendations during the course of the 2019/20 audit. The matters reported here are limited to those deficiencies that we have identified during the course of our audit and that we have concluded are of sufficient importance to merit being reported to you in accordance with auditing standards.

	Assessment	Issue and risk	Recommendations
1	●	<ul style="list-style-type: none"> <li>Our journals testing identified a number of journals that did not contain any evidence of authorisation before posting. It is our understanding of the Pension Fund's policy that journals of those types should be subject to separate authorisation but that as a result of the lower volume of transactions and fewer members of staff who can post journal entries as compared to the County Council, this policy is not always followed in practice.</li> </ul>	<ul style="list-style-type: none"> <li>Journals for the Pension Fund should be authorised in accordance with the relevant internal policy or that policy amended for the purposes of the Pension Fund.</li> </ul> <p><b>Management response</b></p> <ul style="list-style-type: none"> <li>TBC</li> </ul>
2	●	<ul style="list-style-type: none"> <li>As part of our testing of investments we considered management's quarterly reconciliation of investment valuations and noted that a number of differences had been identified that were not followed up with the custodian until year end. It would be more efficient for these differences to be followed up at the time they arise so that any corrections can be made promptly.</li> </ul>	<ul style="list-style-type: none"> <li>Any differences identified from the custodian's quarterly reconciliation should be followed up in a more timely way.</li> </ul> <p><b>Management response</b></p> <ul style="list-style-type: none"> <li>TBC</li> </ul>

## Controls

- High – Significant effect on control system
- Medium – Effect on control system
- Low – Best practice

## Follow up of prior year recommendations

We identified the following issue in the audit of the Pension Fund's 2017/18 financial statements, which resulted in one recommendation being reported in our 2017/18 Audit Findings report. We have followed up on the implementation of our recommendations as outlined below.

	Assessment	Issue and risk previously communicated	Update on actions taken to address the issue
<p>1</p> <p>48</p>	<p>✓/X</p>	<p>In 2016/17 we reported that: The reconciliation of monthly returns for scheme contributions from scheduled and admitted bodies was not maintained on a regular basis during the year and a number of significant reconciling differences were not followed up and resolved. If this reconciliation is not kept up to date, then there is a risk that any misstatements of contributions recorded on the general ledger could go unidentified.</p> <p>In 2017/18 we reported that: The scheme contributions reconciliation has been maintained to a higher standard over 2017/18 and did not contain material reconciling differences as it did in the prior year. However, we noted from our testing of scheme contributions number of minor reconciling differences on the contributions for many of the scheduled and admitted bodies. This indicates that there remains further scope for management to improve the accuracy of the contributions reconciliation.</p>	<p>Our testing of the 2018-19 reconciliation determined that there were no material reconciling differences, however, the differences identified were still numerically significant. These differences represented three employers who were not included in the reconciliation, but which were included in the financial statements. There were also a number of insignificant differences noted in relation to several other employers. Whilst the accuracy and completeness of the reconciliation has been improved since this issue was first identified, we consider that there remains a need to improve further these aspects of the reconciliation.</p>

### Assessment

- ✓ Action completed
- X Not yet addressed



# Audit adjustments

We are required to report all non-trivial misstatements to those charged with governance, whether or not the accounts have been adjusted by management.

## Impact of adjusted misstatements

All adjusted misstatements are set out in detail below along with the impact on the Pension Fund's reported financial position for the year ending 31 March 2019. **Subject to completion of our testing as set out on page 3**, our audit work has not identified any adjusted or unadjusted misstatements to report to you.

## Disclosure changes

The table below provides details of disclosure changes identified during the audit which have been made in the final set of financial statements.

Disclosure	Detail	Impact
Note 18 – Actuarial Present Value of Promised Retirement Benefits	Management have updated this disclosure to reflect the increased present value of defined benefit obligation and past service costs arising from the revised actuarial estimate to reflect the McCloud judgment, as detailed on page 8.	This present value of the defined benefit obligation as at 31 March 2019 has increased from £4,752.4m to £4,791.3m.
		The past service costs for the year to 31 March 2019 have increased from £1.9m to £40.7m.

