# Wiltshire Pension Fund

The Fund is administered by Wiltshire Council for local authorities within Wiltshire and other local government associated organisations. It meets the cost of pension benefits due to current and former employees of these organisations. The current membership as at 31 March 2018 included 21,781 active members, 16,273 pensioners and 29,253 deferred members.

# Responsibility for the Report

# Wiltshire Council

The Council has to arrange for the proper administration of the Wiltshire Pension Fund. In particular, it needs to ensure an economic, efficient and effective use of resources in carrying out this administration and that the Fund's investments are safeguarded.

The Council has delegated this responsibility to the Wiltshire Pension Fund Committee. It also, however, has to ensure that one of its officers has responsibility for the financial aspects of that administration, this being the Associate Director of Finance.

# Wiltshire Pension Fund Committee

There are seven elected members of the Committee, comprising five Wiltshire Councillors and two Swindon Borough Council members. In addition, there are two representatives of the admitted bodies and two observers representing staff interests. Details of the membership of the Committee in 2017/2018 are shown in the Wiltshire Pension Fund Annual Report.

Included amongst the powers delegated by the Council to the Committee are requirements to:

- arrange and keep under review the investments of the Fund through one or more properly authorised investment managers, and to
- appoint investment managers and external advisers as necessary to support the work of the Committee.

# Local Pensions Board

The Local Pension Board was established in April 2015 to assist the Administering Authority in securing compliance with the scheme regulations and the effective and efficient governance and administration of the Fund. It is made up of 3 scheme members' representatives and 3 scheme employers' representatives along with a non-voting independent chairman. The LPB has an oversight function to ensure the Fund is compliant with the Pensions Regulator.

The Fund will liaise closely with the Local Pension Board, so they can fulfil their duties providing support and advice to the Administering Authority.

# Chief Finance Officer

The Chief Finance Officer is responsible for preparing the financial statements of the Wiltshire Pension Fund, which must show the financial position of the Fund at the accounting date and its income and expenditure for the year.

In preparing the statements, suitable accounting policies must be selected and applied consistently and judgements and estimates made where necessary that are reasonable and prudent and comply with the appropriate accounting Code of Practice.

Proper accounting records must be maintained and kept up to date and all reasonable steps must be taken to prevent and detect fraud and other irregularities. An anti-fraud and corruption and whistle blowing policy has been implemented for the Fund.



# Actuarial Statement

This statement has been prepared in accordance with Regulation 57(1)(d) of the Local Government Pension Scheme Regulations 2013. It has been prepared at the request of the Administering Authority of the Fund for the purpose of complying with the aforementioned regulation.

# **Description of Funding Policy**

The funding policy is set out in the Administering Authority's Funding Strategy Statement (FSS), dated September 2016. In summary, the key funding principles are as follows:

- to ensure the long-term solvency of the Fund using a prudent long-term view. This will ensure that sufficient funds are available to meet all members'/dependants' benefits as they fall due for payment;
- to ensure that employer contribution rates are reasonably stable where appropriate;
- to minimise the long-term cash contributions which employers need to pay to the Fund by recognising the link between assets and liabilities and adopting an investment strategy which balances risk and return (this will also minimise the costs to be borne by Council Tax payers);
- to reflect the different characteristics of different employers in determining contribution rates. This involves the Fund having a clear and transparent funding strategy to demonstrate how each employer can best meet its own liabilities over future years; and
- to use reasonable measures to reduce the risk to other employers and ultimately to the Council Tax payer from an employer defaulting on its pension obligations.

The FSS sets out how the Administering Authority seeks to balance the conflicting aims of securing the solvency of the Fund and keeping employer contributions stable.

# Funding Position as at the last formal valuation

The most recent actuarial valuation carried out under Regulation 62 of the Local Government Pension Scheme Regulations 2013 was as at 31 March 2016. This valuation revealed that the Fund's assets, which at 31 March 2016 were valued at £1,831 million, were sufficient to meet 82% of the liabilities (i.e. the present value of promised retirement benefits) accrued up to that date. The resulting deficit at the 2016 valuation was £415 million.

Each employer had contribution requirements set at the valuation, with the aim of achieving full funding within a time horizon and probability measure as per the FSS. Individual employers' contributions for the period 1 April 2017 to 31 March 2020 were set in accordance with the Fund's funding policy as set out in its FSS.

# Principal Actuarial Assumptions and Method used to value the liabilities

Full details of the methods and assumptions used are described in the 2016 valuation report.

# Method

The liabilities were assessed using an accrued benefits method which takes into account pensionable membership up to the valuation date, and makes an allowance for expected future salary growth to retirement or expected earlier date of leaving pensionable membership.



# Assumptions

A market-related approach was taken to valuing the liabilities, for consistency with the valuation of the Fund assets at their market value.

The key financial assumptions adopted for the 2016 valuation were as follows:

Financial Assumptions	31 March 2016		
Discount rate	4.0%		
Salary increase assumption Benefit increase assumption (CPI)	2.4% 2.1%		
I (- )			

The key demographic assumption was the allowance made for longevity. The life expectancy assumptions are based on the Fund's VitaCurves with improvements in line with the CMI 2013 model, assuming the current rate of improvements has reached a peak and will converge to long term rate of 1.25% p.a. Based on these assumptions, the average future life expectancies at age 65 are as follows:

	Males	Females
Current Pensioners	22.5 years	24.9 years
Future Pensioners*	24.1 years	26.7 years

\*Aged 45 at the 2016 Valuation

Copies of the 2016 valuation report and Funding Strategy Statement are available on request from Wiltshire Council, the administering authority to the Fund.

# Experience over the period since 31 March 2016

Since the last formal valuation, real bond yields have fallen placing a higher value on the liabilities and there have been strong asset returns, particularly during 2016/17. Both events are of broadly similar magnitude with regards to the impact on the funding position.

The next actuarial valuation will be carried out as at 31 March 2019. The Funding Strategy Statement will also be reviewed at that time.

# Audit

KPMG LLP act as the external auditor of the Council, and therefore the pension fund.



#### **Investment Management Policy**

Overall responsibility for investment policy lies with the Wiltshire Pension Fund Committee, which reports directly to Wiltshire Council.

The Investment Strategy is revised annually by the Fund.

The current strategy has the dual aim of increasing returns and reducing risk by increasing diversification and alternative approaches. Details of the strategy are provided in the Investment Strategy Statement (ISS) which can be supplied upon request or viewed at www.wiltshirepensionfund.org.uk.

The full list of managers as at 31 March 2018 were:

Company	Mandate	Share of
		Fund
Baillie Gifford	Global Equity	15.0%
CBRE Global Multi Manager	Property	13.0%
Loomis Sayles	Fixed Income	10.5%
Barings Asset Management	Absolute Return Fund	10.0%
Legal & General	Passive UK Equity	7.5%
Legal & General	Global Equities	5.0%
Legal & General	Government Bonds	10.0%
Legal & General	Fundamental Equities	12.5%
Investec Asset Management	Emerging Market Multi Asset	10.0%
Partners Group	Infrastructure	5.0%
M&G Investment Management	UK Companies Financing Fund	1.5%

The value of assets under management at 31 March 2018 was £2,382.2 million, broken down by managers as follows:

	31-Mar-18	31-Mar-17
Legal & General	£876.3 million	£808.8 million
Baillie Gifford	£372.5 million	£356.1 million
CBRE Global Multi Manager	£314.7 million	£291.7 million
Loomis Sayles	£276.1 million	£231.3 million
Investec Asset Management	£252.4 million	£232.6 million
Barings Asset Management	£242.2 million	£210.7 million
Partners Group	£35.7 million	£37.1 million
M&G Investment Management	£2.1 million	£5.8 million
Cash held at custodian	£9.4 million	
Long-term investment - Brunel Pension Partnership	£0.8 million	
Total	£2,382.2 million	£2,174.1 million



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2010			% of
		£ million	
Geographical analysis	United Kingdom	762.7	32.0
	North America	212.3	8.9
	Europe	78.6	3.3
	Asia, ex Japan	5.9	0.2
	Other - Overseas	102.2	4.3
	Other - Pooled Funds	1,220.5	51.3
		2,382.2	100.0
Sector analysis	Long term assets	0.8	0.0
	Equities	1,251.6	52.6
	Fixed interest bonds	276.1	11.6
	Cash	29.1	1.2
	Property	281.4	11.8
	Emerging Market	252.4	10.6
	Infrastructure	35.7	1.5
	Index linked bonds	255.1	10.7
		2,382.2	100.0

Comparative figures for 2016/2017 are shown below.

2017

		% of
	£ million	Fund total
Geographical analysis United Kingdom	714.5	32.9
North America	223.6	10.3
Europe	78.3	3.6
Asia, ex Japan	6.4	0.3
Other - Overseas	78.0	3.6
Other - Pooled Funds	1073.3	49.4
	2,174.1	100.0
Sector analysis Equities	1,266.8	58.3
Fixed interest bonds	231.3	10.6
Cash	20.0	0.9
Property	262.8	12.1
Emerging Market	232.6	10.7
Infrastructure	35.7	1.6
Index linked bonds	124.9	5.7
	2,174.1	100.0

Safe custody of all investments is the responsibility of State Street and some legacy assets with BNY Mellon and as such, they are registered in the name of, and are held by, its nominee companies or, alternatively, by overseas agents.



# Wiltshire Council 101 The Wiltshire Pension Fund

Fund Account For the year ended 31 March	Notes	2017/2018	2016/2017
		£000	£000
Contributions and benefits			
Contributions receivable	5	100,221	95,901
Individual transfers		3,798	3,604
		104,019	99,505
Benefits payable	6	(83,315)	(78,814)
Payments to and on account of leavers	7	(4,003)	(4,808)
	•	(87,318)	(83,622)
Management Expenses	8&12	(9,081)	(11,181)
		7,620	4,702
Returns on investments			
Investment income	9	11,701	10,076
Change in market value of investments	11	191,688	334,031
Net returns on investments		203,389	344,107
Net Increase in the fund during the year		211,009	348,809
Opening Net Assets of the Fund		2,187,470	1,838,661
Closing Net Assets of the Fund		2,398,479	2,187,470



# The Wiltshire Pension Fund

Net Asset Statement At 31 March	Notes	31 March 2018	31 March 2017
		£000	£000
LONG TERM INVESTMENTS			
Brunel Pension Partnership		840	0
INVESTMENT ASSETS	11		
Equities		388,220	372,221
Pooled investment vehicles		1,682,650	1,519,157
Property		281,427	262,758
Cash held on deposit		28,614	19,799
Other investment balances		473	170
		2,382,224	2,174,105
INVESTMENT LIABILITIES	11		
Total net investments		2,382,224	2,174,105
		2,002,221	
Current assets	13	19,767	17,047
Current liabilities	14	(3,512)	(3,682)
Net assets of the Fund at 31 March		2,398,479	2,187,470

The accounts summarise the transactions of the Fund and deal with the net assets at the disposal of Wiltshire Council. They do not take account of obligations to pay pensions and benefits which fall due after the end of the Fund year. The actuarial position of the Fund, which does take account of such obligations, is dealt with in the actuarial statements and these accounts should be read in conjunction with these.



# Related notes form an integral part of these financial statements

#### 1. Basis of Preparation

The accounts have been prepared in accordance with the current Code of Practice on Local Authority Accounting in the United Kingdom which is based upon International Financial Reporting Standards (IFRS), as amended for the UK public sector.

IAS26 requires the actuarial present value of promised benefits to be disclosed. A separate report has been prepared by Hymans Robertson and is enclosed below after note 19.

The accounts have been prepared on an accruals basis except where otherwise stated, i.e. income and expenditure is accounted for as it is earned or incurred, rather than as it is received and paid.

#### 2. Accounting Policies

The principal accounting policies of the Fund are as follows:

#### Contributions

Contributions are received from employer bodies in respect of their own and their pensionable employees' contributions. Employers' contributions (for both Normal and Deficit Funding) are prescribed in the Actuary's Rates and Adjustment Certificate following the review of the Fund's assets and liabilities during the triennial valuation. The Employees' contributions are included at the rates prescribed by the Local Government Pension Scheme Regulations.

Employer augmentation contributions are accounted for in accordance with the agreement under which they are being paid.

#### Benefits and Refund of Contributions

The benefits payable and refunds of contributions have been brought into account on the basis of all valid claims approved during the year.

#### Transfers to and from Other Schemes

No account is taken of liabilities to pay pensions and other benefits after the year end. Transfer values, which are those sums paid to, or received from, other pension schemes relating to previous periods of employment, have been brought into account on a cash basis.

#### Investment Income

Dividends, interest and coupon receipts have been accounted for on an accruals basis. Income on pooled investments is accumulated and reflected in the valuation of units.



#### Valuation of Investments

Investments are shown in the accounts at market value, determined on the following basis:

#### (i) **Quoted securities**

Quoted Securities have been valued at 31 March 2018 by the Fund's custodian using the bid price where a quotation was available on a recognised stock exchange or unlisted securities market.

#### (ii) Unquoted securities

Unquoted securities have been valued according to the latest trades, professional valuation, asset values or other appropriate financial information.

#### (iii) Pooled investment vehicles

Pooled investments are stated at bid price for funds with bid/offer spreads, or single price/net asset value where there are no bid/offer spreads, as provided by the investment manager.

#### (iv) Fixed Interest Stocks

Segregated fixed interest stocks are valued on a clean basis. Accrued income is accounted for within investment income.

#### (v) **Derivative Contracts**

Derivatives are stated at market value. Exchange traded derivatives are stated at market values determined using quoted prices. For exchange traded derivative contracts which are assets, market value is based on quoted bid prices. For exchange traded derivative contracts which are liabilities, market value is based on quoted offer prices.

Over the Counter (OTC) derivatives are stated at market value using pricing models and relevant market data as at the year-end date.

Forward foreign exchange contracts are valued by determining the gain or loss that would arise from closing out the contract at the reporting date by entering into an equal and opposite contract at that date.

All gains and losses arising on derivative contracts are reported within 'Change in Market Value'.

Reported changes in the market value of investments over the year of account include realised gains or losses arising upon the disposal of investments during the year.

#### Foreign Currency Translation

All investments held in foreign currencies are shown at market value translated into sterling using the WM 4PM rate on 31 March 2018.

Foreign currency transactions are accounted for on the basis of the equivalent sterling value of the underlying transactions, by applying the relevant exchange rate ruling at the time. Where overseas securities are acquired with currency either previously purchased directly or accruing from the sale of securities, the sterling book cost of the new security will be based on the exchange rate ruling at the time of the purchase of that security. Any profit or loss arising on currency transactions either realised or unrealised, will be reflected in the Net Asset Statement.



#### Management Expenses

The Fund discloses its management expenses in accordance with the CIPFA guidance Accounting for Local Government Pension Scheme Management Costs.

Investment management expenses are based on the quarter end market value of the investments held. The fees paid are determined by the agreed fee scales for each individual manager.

Where a management fee notification has not been received by the time of preparing the accounts, an estimate based upon the market value of the mandate is used for inclusion in the Fund account.

#### Acquisition Costs of Investments

Transaction costs are charged as part of investment management expenses. These include costs charged directly to the fund such as fees, commissions, stamp duty and other fees.

#### Administration Expenses

A proportion of the relevant officers' salaries, salary on-costs and general overheads, have been charged to the Fund on the basis of time spent on Fund administration.

#### Taxation

The Fund is a registered pension scheme for tax purposes and as such is not liable for UK income tax on investment income, nor capital gains tax. As Wiltshire Council is the administering authority, VAT input tax is recoverable on all expenditure.

Income earned from investments in stocks and securities in the USA is exempt from US tax and is not subject to withholding tax. Most tax deducted from income on European investments is also recoverable.

#### Additional Voluntary Contributions (AVCs)

The accounts of the Fund in accordance with regulation 5 (2) (C) of the Pension Scheme (Management and Investment of Funds) Regulations 1998 do not include transactions in respect of AVCs. These are money purchase arrangements made by individual Fund members under the umbrella of the Local Government Pension Scheme, to enhance pension benefits.



# 3. Critical Judgement in Applying Accounting Policies

#### Pension Fund Liability

The Pension Fund liability is calculated every three years by the appointed actuary, with annual updates in the intervening years. The methodology used is in line with accepted guidelines and in accordance with IAS19. Assumptions underpinning the valuations are agreed with the actuary and are summarised in the actuarial position statement. This estimate is subject to significant variances based on changes to the underlying assumptions.

#### 4. Assumptions made about the Future and Other Major Sources of Estimation Uncertainty

The Statements of Accounts contains estimated figures that are based on assumptions made by the Council about the future or that are otherwise uncertain. Estimates are made considering historical experience, current trends and other relevant factors. However, because balances cannot be determined with certainty, actual results could be materially different from the assumptions and estimates.

The items in the net asset statement at 31 March 2018 for which there is significant risk of material adjustment in the forthcoming financial year are as follows:

Item	Uncertainties	Effect if actual results differ from assumptions
Debtors	At 31 March 2018, the fund had a balance of £19.8m for debtors (£1.9m relate to a long-term debtor). A review of significant balances suggested that no impairment is currently necessary. However, in the current economic climate, it is not certain that all debts will be paid.	If collection rates deteriorate it may be necessary for an allowance to be included in the accounts for doubtful debts.

#### 5. Contributions Receivable

	2017/2018 £000	2016/2017 £000
Employer		
- Normal	65,373	61,280
- Augmentation	1,976	1,401
- Deficit Funding*	12,812	14,064
Members		
- Normal	19,846	18,959
- Additional Contributions	214	197
	100,221	95,901
Analysis of contributions receivable		
	2017/2018	2016/2017
	£000£	£000
Contributions from employees		
(Including Additional Contributions)		
- Wiltshire Council	7,565	7,063
- Other scheduled bodies	11,582	11,123
Admitted bodies	914	970
	20,061	19,156
Contributions from employers		
(Including Augmentations)		
- Wiltshire Council	29,737	30,194
- Other scheduled bodies	43,461	40,188
- Admitted bodies	6,962	6,363
	80,160	76,745
Total contributions receivable	100,221	95,901



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\* Deficit funding contributions are being paid by the employer for the three years commencing from 1 April 2017 with a minimum specified in the Rates and Adjustment Certificate dated 31 March 2017 in order to improve the Fund's funding position. The recovery period at the last valuation over which the deficit funding is recovered is mainly 20 years for scheduled bodies and 14 years or the length of the employer's contract (whichever is the shorter) for admitted bodies.

#### 6. Benefits payable

	2017/2018	2016/2017
	£000	£000
Pensions	68,166	65,540
Commutation and lump sum retirement benefits	13,412	11,141
Lump sum death benefits	1,737	2,133
	83,315	78,814
Analysis of benefits payable	2017/2018	2016/2017
	£000	£000
Pensions payable		
- Wiltshire Council	35,825	34,940
- Other scheduled bodies	25,578	24,200
- Admitted bodies	6,763	6,400
	68,166	65,540
Retirement and Death grants payable		
- Wiltshire Council	5,830	5,651
- Other scheduled bodies	7,751	6,186
- Admitted bodies	1,568	1,437
	15,149	13,274
Total benefits payable	83,315	78,814

# 7. Payments to and on account of leavers

	2017/2018 £000	2016/2017 £000
Individual transfer out to other schemes Bulk transfer out to other schemes	3,690 0	4,394
Refunds to members leaving service	259	269 142
State Scheme Premiums	54	143
	4,003	4,808

#### 8. Management Expenses

	2017/2018 £000	
Administration costs Investment Management expenses Oversight & Governance	2,773 6,173 135	
	9,081	11,181

The Fund has applied CIPFA's guidance Accounting for Local Government Pension Scheme Management Costs.

The guidance requires the reporting of external investment management fees that are deducted from asset values (rather than invoiced and paid directly). These are now shown gross. Wherever possible, these figures are based on actual costs disclosed by the manager; where actual costs were not



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available, best estimates have been made using other available information. It is important to note that this is a change in reporting only and does not represent an actual increase in costs, nor a decrease in Fund's resources available to pay pension benefits.

Investment Management expenses includes £1.6m of performance-related fees paid to the fund's investment managers (2016/2017: £2.3m).

# 9. Investment Income

	2017/2018	2016/2017
	£000	£000
Quoted securities		
- UK equities	146	545
- Overseas equities	1,099	999
Pooled Investment Vehicles		
- Overseas equities	62	0
- UK property	8,944	8,616
- Global property	89	0
- Infrastructure	1,226	0
Cash held on deposit		
- Sterling Cash	50	77
- Overseas Cash	85	-161
	11,701	10,076

#### 10. Stock Lending

The Council participates in a securities lending programme administered by State Street. Securities in the beneficial ownership of the Council to a value of  $\pounds$ 52.1 million (2.2% of the total) were on loan at 31 March 2018. Collateral for these securities is held in a pooled form, the Wiltshire Pension Fund's share (0.019%) representing a value of  $\pounds$ 55.9million (107.28%). Income earned from this programme amounted to  $\pounds$ 0.306 million in the year.

WPF Securities on loan	52.1	77.8
(percentage of total)	2.19%	3.58%
WPF Collateral share of pool	0.02%	0.01%
Value of WPF pooled share	55.9	84.9
Percentage of securities on loan	107.3%	109.1%
Income earned in year	0.306	0.367



# Reconciliation of investments held at beginning and end of year

	Value at 01 April 2017	Purchases at cost & derivative payments	Sales Proceeds and derivative receipts	Change in Market Value	Value at 31 March 2018
	£000	£000	£000	£000	£000
Long term investments - Brunel Pension Partnership Equities Pooled funds:	0 372,221	840 32,081	0 (110,464)	0 94,382	840 388,220
- Other - Property Derivative assets	1,519,157 262,758	437,221 45,107	(360,730) (37,085)	87,002 10,647	1,682,650 281,427
	2,154,136	515,249	(508,279)	192,031	2,353,137
Cash deposits Other Investment Balances	19,799 170			(349) 6	28,614 473
	2,174,105		-	191,688	2,382,224
	Value at 01 April	Purchases at cost &	Sales Proceeds	Change	Value at
	2016	derivative payments	and derivative	in Market Value	31 March 2017
	2016 £000		and	Market	
Equities Pooled funds:		payments	and derivative receipts	Market Value	2017
Pooled funds: - Other	<b>£000</b> 320,848 1,252,637	payments £000 39,154 459,029	and derivative receipts £000 (84,266) (486,619)	Market Value £000 96,485 294,110	<b>2017</b> <b>£000</b> 372,221 1,519,157
Pooled funds:	<b>£000</b> 320,848	payments £000 39,154	and derivative receipts £000 (84,266)	Market Value £000 96,485	<b>2017</b> £000 372,221
Pooled funds: - Other - Property Derivative assets	<b>£000</b> 320,848 1,252,637 230,505 1,246	<b>payments</b> <b>£000</b> 39,154 459,029 63,985 163,377	and derivative receipts £000 (84,266) (486,619) (30,907) (117,950)	Market Value £000 96,485 294,110 (825) (46,673)	<b>2017</b> <b>£000</b> 372,221 1,519,157 262,758 0
Pooled funds: - Other - Property Derivative assets	<b>£000</b> 320,848 1,252,637 230,505	<b>£000</b> 39,154 459,029 63,985	and derivative receipts £000 (84,266) (486,619) (30,907)	Market Value £000 96,485 294,110 (825)	<b>2017</b> <b>£000</b> 372,221 1,519,157 262,758

The PRAG guidance, Accounting for Derivatives in Pension Schemes, recommends that derivatives are set out separately in the investment reconciliation table for reasons of clarity and are reconciled on a 'net' basis as opposed to 'gross' as reported in the Net Assets Statement.

Transaction costs have been debited through the Fund Account and have been disclosed as part of the Investment Management Expenses. Costs are also borne by the Fund in relation to transactions in pooled investment vehicles.



# Details of investments held at year end

LONG TERM ASSETS Brunel Pension Partnership	840	0
INVESTMENT ASSETS		
Equities		
- UK equities	24,939	23,851
- Overseas equities	363,281	348,370
	388,220	372,221
Pooled Investment Vehicles		
- UK equities	171,423	285,230
- Overseas equities	691,999	609,342
- Overseas fixed income	276,116	231,301
- UK index linked Government bonds	255,092	124,948
- Property	281,427	262,758
- Emerging Market Debt	100,946	93,038
- Emerging Market Equities	151,419	139,557
- Infrastructure	35,655	35,741
	1,964,077	1,781,915
Cash held on deposit		
- Sterling Cash	14,966	17,561
- Overseas Cash	13,648	2,238
	28,614	19,799
Other Investment Balances		
- Outstanding dividend entitlements	304	4
- Recoverable tax	169	166
	473	170
INVESTMENT LIABILITIES		
Total of investments held	2,382,224	2,174,105
NET CURRENT ASSETS & LIABILITIES	40 707	47.047
Current Assets	19,767	17,047
Current Liabilities	(3,512)	(3,682)
Total net current assets	16,255	13,365
	2,398,479	2,187,470



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#### **Objectives and Policies**

The Wiltshire Pension Fund Committee have authorised the use of derivatives by their investment managers as part of the investment strategy for the Fund.

The main objective for the use of key classes of derivatives and the policies followed during the year are summarised as follows:

**Options** – The Fund allows its managers to invest in options as part of their portfolio construction to assist them in achieving performance targets. These options are limited to 'Over-the-Counter' contracts purchased on major exchanges and must not exceed specified limits. Option exposures are limited and hedged through the use of futures.

*Futures* – The Fund allows a number of its managers to invest in futures, within specified exposure limits, as part of their overall portfolio construction to assist them in achieving performance targets.

*Forward foreign exchange* – In order to maintain an appropriate diversification of investments within the Fund and take advantage of overseas investment returns a proportion of the investment portfolio is invested overseas.

The Fund did not have any derivative contracts outstanding at the year end.

#### **Financial Instruments**

#### **Classification of financial instruments**

The accounting policies describe how different asset classes of financial instruments are measured, and how income and expenses, including fair value gains and losses are recognised. The following table analyses the carrying amounts of financial assets and liabilities by category and net asset statement heading. No financial assets were reclassified during the accounting period.

#### As at 31 March 2018

	Designated as Fair value through Profit and Loss	Loans and Receivables	Financial liabilities at amortised cost
	£000	£000	£000
Long Term Investments Brunel Pension Partnership	840	0	0
<b>Financial assets</b> Equities Pooled investment vehicles Property Cash held on deposit Other Investment balances Debtors	386,131 1,682,651 281,427 0 473 0 2,350,682	2,089 0 36,324 0 12,057 50,470	0 0 0 0 0 0
Financial Liabilties Creditors	0 0 2,351,522	(3,512) (3,512) 46,958	0 0 0



Financial

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#### As at 31 March 2017

Designated as Fair value through Profit and Loss	Loans and Receivables	Financial liabilities at amortised cost
£000	£000	£000
367,664	4,557	0
1,519,157	0	0
262,758	0	0
0	25,468	0
170	0	0
0	11,378	0
2,149,749	41,403	0
0	(3,682)	0
0	(3,682)	0
2,149,749	37,721	0
	value through Profit and Loss £000 367,664 1,519,157 262,758 0 170 0 2,149,749 0 0	value through Profit and Loss         Loans and Receivables           £000         £000           367,664         4,557           1,519,157         0           262,758         0           0         25,468           170         0           0         11,378           2,149,749         41,403           0         (3,682)           0         (3,682)

#### Net gains/(losses) on financial instruments

	2018 <b>£000</b>	2017 <b>£000</b>
<b>Financial assets</b> Fair value through profit and loss Loans and receivables	191,688 (334)	327,104 (9,079)
Financial liabilities		
Total	191,354	318,025

#### **Financial Risk Disclosure**

As an LGPS Pension Fund, the Fund's objective is to achieve a relatively stable "real" return above the rate of inflation over the long term. In order to achieve this objective, the Fund holds financial instruments such as securities (equities, bonds), property, pooled funds (collective investment schemes) and cash and cash equivalents. The Fund's activities expose it to a variety of financial risks including Market Risk, Credit Risk and Liquidity Risk.

All the Fund's investments are managed by appointed Investment Managers. All investments are held by State Street who act as custodian on behalf of the Fund. Each investment manager is required to invest the assets managed by them in accordance with the terms of a written investment mandate or pooled fund prospectus.

The Wiltshire Pension Fund Committee has determined that these managers are appropriate for the Fund and are in accordance with its investment strategy. The Committee obtains regular reports from each investment manager and its Investment Consultant on the nature of investments made and associated risks.

The analysis below is designed to meet the disclosure requirements of IFRS 7.

#### a) Market Risk

Market risk represents the risk that the fair value of a financial instrument will fluctuate because of changes in market prices. This could be as a result of changes in market price, interest rates or currencies. The objective of the Funds 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 and investment manager. Each manager is also expected to maintain a diversified portfolio within their allocation.



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# 1) 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

The sensitivity of the Fund's investments to changes in market prices has been analysed using the volatility of returns experienced by asset classes. The volatility data has been provided by the Fund's Investment Advisor (Mercers) and is broadly consistent with a one-standard deviation movement. The volatility is measured by the (annualised) estimated standard deviation of the returns of the assets relative to the liability returns. Such a measure is appropriate for measuring "typical" variations in the relative values of the assets and liabilities over short time periods. It is not appropriate for assessing longer term strategic issues. The analysis assumes that all other variables, in particular, interest rates and foreign exchange rates, remain constant.

Movements in market prices would have increased or decreased the net assets valued at 31 March 2018 and 2017 by the amounts shown below.

As at 31 March 2018	Value	Volatility	Increase	Decrease
	£000	of return	£000	£000
Baillie Gifford - Global Equity	372,482	17.90%	66,674	(66,674)
CBRE Global Multi Manager - Property	314,744	14.10%	44,379	(44,379)
Legal & General - Equity	171,423	15.60%	26,742	(26,742)
Legal & General - Gilts	255,092	9.60%	24,489	(24,489)
Legal & General - Global Equity	125,349	15.60%	19,554	(19,554)
Legal & General - Rafi Equity	324,477	15.60%	50,618	(50,618)
Barings - Dynamic Assets Allocation	242,173	10.20%	24,702	(24,702)
Partners Group - Infrastructure	35,655	14.30%	5,099	(5,099)
Investec - Emerging Markets	252,365	18.60%	46,940	(46,940)
Loomis Sayles - Multi Asset Credit	115,238	4.70%	5,416	(5,416)
Loomis Sayles - Absolute Return Bond Fund	160,878	4.70%	7,561	(7,561)
M&G - Financing Fund	2,089	0.00%	0	0
Cash held at custodian	9,419	0.00%	0	0
Long-term investment - Brunel Pension Partnersł	840	0.00%	0	0
-	2,382,224	-	322,174	(322,174)

As at 31 March 2017	Value	Volatility	Increase	Decrease
	£000 (	of return	£000	£000
Baillie Gifford - Global Equity	356,091	17.30%	61,604	(61,604)
CBRE - Property	291,670	14.50%	42,292	(42,292)
Legal & General - Equity	285,230	17.00%	48,489	(48,489)
Legal & General - Gilts	124,949	8.80%	10,996	(10,996)
Legal & General - Global Equity	96,098	17.00%	16,337	(16,337)
Legal & General - Fundamentals	302,496	17.00%	51,424	(51,424)
Barings - Dynamic Assets Allocation	210,749	11.90%	25,079	(25,079)
Partners Group - Infrastructure	37,111	15.00%	5,567	(5,567)
Investec - Emerging Markets	232,595	20.10%	46,752	(46,752)
Loomis Sayles - Multi Asset Credit	92,798	6.00%	5,568	(5,568)
Loomis Sayles - Absolute Return Bond Fund	138,504	6.00%	8,310	(8,310)
M&G - Financing Fund	5,807	0.00%	0	0
Berenberg Bank - Dynamic Currency Fund	7	0.00%	0	0
	2,174,105	-	322,418	(322,418)



#### 2) 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.

The Fund's exposure to interest rate movements from its investments in cash & cash equivalents, fixed interest and loans at 31 March 2018 and 2017 are provided below.

	31 March 2018
	£000
Cash held on deposit	28,614
Fixed Interest Securities	276,116
Loans	2,089
	306.819

	31 March 2017
	£000
Cash held on deposit	19,799
Fixed Interest Securities	231,301
Loans	4,557
	255,657

# Interest Rate – Sensitivity Analysis

The Pension Fund recognises that interest rates vary and can impact on the fair value of the assets. The sensitivity of the Fund's investments to changes in interest rates has been analysed by showing the effect of a 100 basis point (1%) change in interest rates. This analysis assumes that all other variables, in particular foreign currency rates, remain constant.

	Value	Change in ne	et assets
As at 31 March 2018	£000	£000 +100 BP	£000 -100 BP
Cash held on deposit	28,614	286	(286)
Fixed Interest Securities	276,116	(9,149)	9,149
Loans	2,089	0	0
	306,819	(8,863)	8,863

	Value	Change in net assets	
As at 31 March 2017	£000	£000 +100 BP	£000 -100 BP
Cash held on deposit	19,799	198	(198)
Fixed Interest Securities	231,301	(6,676)	6,676
Loans	4,557	0	0
	255,657	(6,478)	6,478



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A 1% increase in interest rates will reduce the fair value of the relevant net assets and vice versa. The loans identified are part of the M&G Financing Fund. Borrowers pay a fixed annual interest rate agreed at the outset.

# 3) 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 a 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.

The tables below show approximate exposures to each of the three major foreign currencies based on manager benchmarks and target allocations. This is based on the two global equity managers Baillie Gifford and Legal & General.

<b>2018</b>	US Dollar	Euro	Yen
Benchmark Weights	12.21%	2.79%	0.00%
Net Currency Exposure	£'000	£'000	£'000
	290,850	66,428	0
<b>2017</b>	US Dollar	Euro	Yen
Benchmark Weights	12.85%	3.04%	0.02%
Net Currency Exposure	£'000	£'000	£'000
	279,400	66,015	530

# Currency Risk – Sensitivity Analysis

The sensitivity of the Fund's investments to changes in foreign currency rates has been analysed using a 10% movement in exchange rates in either direction. This analysis assumes that all variables, in particular interest rates, remain constant.

A 10% strengthening or weakening of Sterling against the various currencies at 31 March 2018 and 31 March 2017 would have increased or decreased the net assets by the amount shown below.

2018	Assets Held at Fair Value	+10%	net assets -10%
	£000	£000	£000
US Dollar	290,850	29,085	(29,085)
Euro	66,428	6,643	(6,643)
Yen	0	0	0
Net Currency Exposure	357,278	35,728	(35,728)
2017	Assets Held at Fair Value	Change in net asse +10% -1(	
	£000	£000	£000
US Dollar	279,400	27,940	(27,940)
Euro	66,015	6,602	(6,602)
Yen	530	53	(53)
Net Currency Exposure	345,945	34,595	(34,595)



The Fund does hedge 50% of its overseas equity holdings therefore only a proportion of the gains/losses would be experienced. 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.

#### b) Credit Risk

Credit risk represents the risk that the counterparty to the financial instrument will fail to meet their obligations and the Fund will incur a financial loss.

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 counterparties.

A securities lending programme is run by the Fund's custodian, State Street, who manage and monitor the counterparty risk, collateral risk and the overall lending programme. The minimum level of collateral for securities on loan is 102%, however more collateral may be required depending upon the type of transaction. This level is assessed daily to ensure it takes account of market movements. The current collateral Wiltshire Pension Fund accepts is AAA rated supranational debt, AA rated debt and FTSE 350 Equity DBV. Securities lending is capped by investment regulations and statutory limits are in place to ensure that no more than 35% of eligible assets can be on loan at any one time.

Another source of credit risk is the cash balances held internally or by managers. The Pension Fund's bank account is held at HSBC, which holds a AA- long term fitch credit rating and it maintains its status as a well capitalised and strong financial institution. The management of the cash held in this account is managed by the Council's Treasury Management Team in line with the Fund's Treasury Management Strategy which sets out the permitted counterparties and limits. Cash held by investment managers is invested with the custodian in a diversified money market fund rated AAAm.

The Fund's exposure to credit risk at 31 March 2018 and 2017 is the carrying amount of the financial assets.

£000
276,116
28,614
473
19,767
324,970

	£000
Global Fixed interest pooled	231,301
Cash held on deposit	19,799
Other investment balances	170
Current assets	17,047
	268,317



2017

# c) 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 set 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 following tables analyse the Fund's financial liabilities as at 31 March 2018 and 2017, grouped into relevant maturity dates.

2018	Carrying Amount £000	Less than 12 months £000	Greater than 12 months £000
Accounts Payable	107	107	0
Benefits Payable	539	539	0
Sundry Creditors	2,866	2,866	0
	3,512	3,512	0

2017	Carrying Amount £000	Less than 12 months £000	Greater than 12 months £000
Accounts Payable	143	143	0
Benefits Payable	493	493	0
Sundry Creditors	3,046	3,046	0
	3,682	3,682	0

# Fair Value Hierarchy

The Fund measures fair values using the following fair value hierarchy that reflects the significance of the inputs used in making the measurements:

- Level 1: Unadjusted quoted prices in an active market for identical assets or liabilities that the Fund can access at the measurement date.
- Level 2: Inputs other than quoted prices under Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: Unobservable inputs for the asset or liability used to measure fair value that rely on the Funds own assumptions concerning the assumptions that market participants would use in pricing an asset or liability.

The tables below analyse financial instruments, measured at fair value at the end of the reporting period 31 March 2018 and 31 March 2017, by the level in the fair value hierarchy into which the fair value measurement is categorised. This has been produced from analysis provided by our custodian State Street.



2018	£000 Level 1	£000 Level 2	£000 Level 3	£000 Total
Brunel Pension Partnership	840	0	0	840
Equities Pooled Funds:	384,770	0	3,450	388,220
- Other	0	1,646,995	35,655	1,682,650
- Property	0	111,402	170,025	281,427
Derivative assets				
	385,610	1,758,397	209,130	2,353,137
Cash Deposits	28,614	0	0	28,614
Other Investment balances	473	0	0	473
	414,697	1,758,397	209,130	2,382,224

2017	£000 Level 1	£000 Level 2	£000 Level 3	£000 Total
Equities	365,698	0	6,523	372,222
Pooled Funds:				
- Other	0	1,483,417	35,740	1,519,157
- Property	0	106,923	155,835	262,758
Derivative assets				
_	365,698	1,590,340	198,098	2,154,136
Cash Deposits	19,799	0	0	19,799
Other Investment balances	170	0	0	170
-	385,667	1,590,340	198,098	2,174,105

During 2017/18 there were no transfers between level 1 and 2 of the fair value hierarchy.

The following tables present the movement in level 3 instruments for the year end 31 March 2018 and 31 March 2017.

<b>2018</b> Opening balance	<b>£000</b> 198,098
Total gains/losses	10,373
Purchases	42,242
Sales	-41,583
Transfer out of Level 3	0
Closing balance	209,130

<b>2017</b> Opening balance	<b>£000</b> 148,223
Total gains/losses	2,618
Purchases	70,693
Sales	(23,436)
Transfer out of Level 3	0
Closing balance	198,098



# Sensitivity of assets valued at level 3

	Assessed Valuation range (+/-)	Value at 31 March 2018 £'000	Value on increase £'000	Value on decrease £'000
Pooled Property	14.10%	171,386	195,551	147,221
M&G Financing Fund	0.00%	2,089	2,089	2,089
Infrastructure	14.30%	35,655	40,754	30,556
		209,130	238,394	179,866

# The following investments represent more than 5% of the net assets of the scheme:

	31 March 2018	
Security	Market value £m	% of total market value
Legal & General - Rafi Equity	324.5	13.6
Investec - Emerging Markets	252.4	10.6
Barings - Dynamic Asset Allocation Fund	242.2	10.2
Legal & General Equity Index Fund	171.4	7.2
Loomis Sayles Alpha Bond Fund	160.9	6.8
LSAA 2068 Index Linked Gilts	127.9	5.4
LUAB 2062 Index Linked Gilts	127.2	5.3
Legal & General World Equity Index	125.4	5.3
	1531.9	64.4

# 12 Investment management expenses

	2017/2018 £000	2016/2017 £000
Management & Investment Admin Fees Custody & Performance Measurement	6,074 99	9,047 70
	6,173	9,117



#### 13 Current assets

	31 March 2018	31 March 2017
	£000	£000
Contributions due from other authorities and bodies		
- Employees	1,570	1,536
- Employers	5,590	5,199
Debtors (Magistrates)	1,930	2,895
Other	2,967	1,748
Cash balances	7,710	5,669
	19,767	17,047
Less:		
Long term debtors (Magistrates)	1,930	2,895
Net Current Assets	17,837	14,152

Contributions due at the year-end have been paid to the Fund subsequent to the year end in accordance with the Rates & Adjustment Certificate.

On 8 April 2011 Wiltshire Pension Fund received confirmation from the Government Actuary's Department that they agreed to make a payment to the Fund to cover the liabilities in respect of the Magistrates Courts. In the past active members employed by the Magistrates Courts were transferred out of the LGPS but pensioners/deferred members remained in. The payment would be in 10 instalments over the next 10 years. The total amount of the remaining debt is £2.895m, of this the following year's instalment (£0.965m) is classified as a debt repayable in one year, and the remaining balance £1.930m is a long-term debtor.

#### 14 Current Liabilities

	31 March 2018 £000	31 March 2017 £000
Managers / Custody fees HMRC Other	1,646 722 1,144	1,510 717 1,455
	3,512	3,682

#### 15. Additional Voluntary Contributions (AVCs)

AVC contributions are not included in the Fund's financial statements as they do not come under the requirements of Regulation 4(1)(b) of the Pension Scheme (Management and Investment of Funds) Regulations 2016 regarding regulation 69(1)(a) of the Local Government Pension Scheme Regulations 2013.

Fund members paid contributions totalling  $\pounds 0.773$  million ( $\pounds 0.782$ million in 2016/2017) into their AVC funds during the year. At the year end, the value of funds invested on behalf of Fund members totalled  $\pounds 4.422$  million ( $\pounds 4.529$  million in 2016/2017), made up as follows:



	£ million
Equitable Life Assurance Society	
- With Profits Fund	0.471
- Unit Linked Managed Fund	0.145
- Building Society Fund	0.000
Clerical Medical Funds	0.000
- With Profits Fund	0.178
- Unit Linked Managed Fund	0.900
NPI Funds	0.000
- Managed Fund	0.012
- With Profits Fund	0.097
- Global Care Unit Linked Fund	0.062
- Cash Deposit Fund	0.024
Prudential	0.000
<ul> <li>With Profits Cash Accumulation Fund</li> </ul>	0.893
- Deposit Fund	0.444
- Diversified Growth Fund	0.422
- Equity Passive	0.059
- Long Term Growth Fund	0.340
- Pre-Retirement Fund	0.187
- Property Fund	0.188
	4.422

#### 16. Employer Related Assets

There are no employer related assets within the Fund.

#### 17. Related Party Transactions

The Wiltshire Pension Fund is administered by Wiltshire Council. Consequently, there is a strong relationship between the Council and the Pension Fund.

The Council incurred costs of £1.472m (2016/2017: £1.430m) in relation to the administration of the Fund and was subsequently reimbursed by the Fund for these expenses. The Council is also the single largest employer of members of the Pension Fund and contributed £30m to the Fund in 2017/2018 (2016/2017: £30m). A balance of £0.9m was owed by the Pension Fund to the Council at year end.

Part of the pension fund cash holdings are invested on the money markets by the treasury management operations of Wiltshire Council, through a service level agreement. During the year to 31 March 2018, the fund had an average investment balance of £7.6m (31 March 2017: £5.6m), earning interest of £21k (2016/2017: £21k) in these funds.

Brunel Pension Partnership Limited (BPP Ltd.) was formed on the 14<sup>th</sup> October 2016 and will oversee the investment of pension fund assets for Wiltshire, Avon, Buckinghamshire, Cornwall, Devon, Dorset, Environment Agency, Gloucestershire, Oxfordshire and Somerset Funds.

Each of the 10 local authorities, including Wiltshire Pension Fund own 10% of BPP Ltd. In 2017/18 the Pension Fund paid BPP £840,000 (2016/17 nil).

#### Governance

There are five members of the Pension Fund Committee that are active members of the Pension Fund, two of these individuals are the employer bodies representatives. Councillor Roy White is also a pensioner member of the Pension Fund.

#### 18. Guaranteed Minimum Pension

The Guaranteed Minimum Pension (GMP) Reconciliation project has been split into a number stages for Local Government Pension Schemes (LGPS). The Fund has nearly completed Stage 2,



# Statement of Accounts 2017/2018

entitled "Review data inconsistencies, raise with HMRC & agree outcome" with more than 85% of the work completed. With HMRC extending the GMP reconciliation project with them to December 2018 the Fund is on track to complete this work.

GMP elements of member's LGPS pension whose State Pension Age (SPA) is prior to 06/04/2016 are not increased by the Fund for Pre 1988 GMP (in respect of the period 06/04/1978 to 05/04/1988). But for Post 1988 element (in respect of the period 06/04/1988 to 05/04/1997) it is increased by a maximum of 3%. The Government increase the State Pension for the member fully on the Pre 1988 GMP element and for Post 1988 GMP element it is only increased if CPI is above 3%.

The effect of LGPS pensions not showing the correct amount of GMP for its members would mean that their pension would be increased by more than it should be. Stage 3 entitled "Rectification" whereby LGPS pensions will be amended with the reconciled Stage 2 GMP information will take place following completion of Stage 2.

Although these overpayments are costs to the Fund they have been included as expenditure in previous pension fund accounts, therefore no restatement is necessary.

The Government has announced that future GMP increases will be met in full by the Fund where a member's SPA falls between 06/04/2016 and 05/04/2021. We await further confirmation from the Government detailing how GMPs will be increased for those member's whose SPA is after 05/04/2021.

# **19. Contingent Liabilities and Contractual Commitments**

Outstanding capital commitments (investments) at 31 March 2018 totalled Euro 15.2m and USD 42.5m; representing GBP 43.59m.

These commitments relate to outstanding call payments due on unquoted limited partnership funds held in the infrastructure part of the portfolio. The amounts 'called' are irregular in both size and timing from the original commitment.



# Wiltshire Council 123 Actuarial Statement in respect of IAS26 as at 31.03.2018

# Introduction

CIPFA's Code of Practice on Local Authority Accounting 2017/18 requires Administering Authorities of LGPS funds that prepare pension fund accounts to disclose what IAS26 refers to as the actuarial present value of promised retirement benefits. I have been instructed by the Administering Authority to provide the necessary information for the Wiltshire Pension Fund ("the Fund").

The actuarial present value of promised retirement benefits is to be calculated similarly to the Defined Benefit Obligation under IAS19. There are three options for its disclosure in the pension fund accounts:

- showing the figure in the Net Assets Statement, in which case it requires the statement to disclose the resulting surplus or deficit;
- as a note to the accounts; or
- by reference to this information in an accompanying actuarial report.

If an actuarial valuation has not been prepared at the date of the financial statements, IAS26 requires the most recent valuation to be used as a base and the date of the valuation disclosed. The valuation should be carried out using assumptions in line with IAS19 and not the Fund's funding assumptions.

# Present value of Promised Retirement Benefits

£m	Year ended	
	31 March 2018	31 March 2017
Active members	1,469	1,349
Deferred pensioners	848	853
Pensioners	1,116	1,163
Total	3,433	3,365

The promised retirement benefits at 31 March 2018 have been projected using a roll forward approximation from the latest formal funding valuation as at 31 March 2016. The approximation involved in the roll forward model means that the split of benefits between the three classes of member may not be reliable. However, I am satisfied that the total figure is a reasonable estimate of the actuarial present value of benefit promises.

The above figures include both vested and non-vested benefits, although the latter is assumed to have a negligible value. Further, I have not made any allowance for unfunded benefits.

It should be noted the above figures are appropriate for the Administering Authority only for preparation of the pension fund accounts. They should not be used for any other purpose (i.e. comparing against liability measures on a funding basis or a cessation basis).

# Assumptions

The assumptions used are those adopted for the Administering Authority's IAS19 report and are different as at 31 March 2018 and 31 March 2017. I estimate that the impact of the change in financial assumptions to 31 March 2018 is to decrease the actuarial present value by £67m. There is no impact from any change in the demographic and longevity assumptions because they are identical to the previous period.



#### **Financial assumptions**

Year ended (%p.a.)	31 Mar 2018	31 Mar 2017
Pension Increase Rate	2.4%	2.4%
Salary Increase Rate	2.7%	2.7%
Discount Rate	2.6%	2.5%

#### Longevity assumption

Life expectancy is based on the Fund's VitaCurves with improvements in line with the CMI 2013 model, assuming the current rate of improvements has reached a peak and will converge to a long-term rate of 1.25% p.a. Based on these assumptions, the average future life expectancies at age 65 are summarised below:

	Males	Females
Current Pensioners	22.5 years	24.9 years
Future Pensioners*	24.1 years	26.7 years

\*Future pensioners (assumed to be aged 45 at the latest formal valuation)

Please note that the longevity assumptions have not changed since the previous IAS26 disclosure for the Fund.

#### **Commutation assumptions**

An allowance is included for future retirements to elect to take 50% of the maximum additional tax-free cash up to HMRC limits for pre-April 2008 service and 75% of the maximum tax-free cash for post-April 2008 service.

# Sensitivity Analysis

CIPFA guidance requires the disclosure of the sensitivity of the results to the methods and assumptions used. The sensitivities regarding the principal assumptions used to measure the liabilities are set out below:

Sensitivity to the assumptions for the year ended 31 March 2018	Approximate % Increase to liabilities	Approximate monetary amount (£m)
0.5% p.a. increase in the Pension Increase Rate	8%	284
0.5% p.a. increase in Salary Increase Rate	1%	46
0.5% decrease in Real Discount Rate	10%	349

The principal demographic assumption is the longevity assumption. For sensitivity purposes, I estimate that a 1 year increase in life expectancy would approximately increase the liabilities by around 3-5%.



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This paper accompanies my covering report titled 'Actuarial Valuation as at 31 March 2018 for accounting purposes'. The covering report identifies the appropriate reliance and limitations for the use of the figures in this paper, together with further details regarding the professional requirements and assumptions.

Prepared by:-

Barry Dodds FFA

27 April 2018

For and on behalf of Hymans Robertson LLP



#### Schedule of Employer Bodies

#### Scheduled/Resolution bodies

Wiltshire Council Swindon Borough Council Wiltshire & Swindon Fire Authority Wiltshire Police PCC & CC Alderbury Parish Council Amesbury Parish Council Blunsdon Parish Council Bradford-on-Avon Town Council Calne Town Council Central Swindon North Parish Council Central Swindon South Parish Council Chippenham Town Council Corsham Town Council Cricklade Town Council Devizes Town Council Durrington Town Council Haydon Wick Parish Council Highworth Town Council Ludgershall Town Council Idminster Parish Council Malmesbury Town Council Marlborough Town Council Melksham Town Council Melksham Without Parish Council Mere Parish Council Purton Parish Council Redlvnch Royal Wootton Bassett Town Council Salisbury City Council St Andrews Parish Council Steeple Ashton Parish Council Stratton St Margaret Parish Council Trowbridge Town Council Wanborough Town Council Warminster Town Council Westbury Town Council Wilton Town Council Wroughton Parish Council Acorn Academy All Saints (Netheravon) Academy Athelston Trust (Bradon Forest) Athelston Trust (Malmesbury Academy) ATOM Bishop Wordsworth Academy Blue kite Academy Bybrook Valley Academy Christian Malford Academy **Churchfield Academy** Colebrook Infants Academy Commonweal Academy Corsham Primary Academy Corsham Secondary Academy inc Corsham Regis Dauntseys Academy Devizes Academy Diocese of Bristol Academy Trust Diocese of Salisbury Academy Trust Dorcan Technology Academy Eastrop Infants Academy **Education Fellowship** Excalibur Academy Goddards Park Academy Gorse Hill Academy Hardenhuish School Ltd Hazelwood Academy

Highworth Warneford Academy Holy Cross Ctholic Primary Holy Family Academy Holy Rood PrimaryAcademy Holy Trinity Calne Academy Holy Trinity Devizes Academy John Bentley Academy John of Gaunt Academy King William Academy Kingsdown Academy Lavington Academy Lethbridge Academy Lydiard Academy Magna Learning Partnership Malmesbury Primary Academy Millbrook Academy Morgan Vale Academy New College Oasis Community Learning Peatmoor Primary Academy Pewsey Primary Academy Pewsey Vale Academy **Pickwick Academy Trust** Queens Crescent Academy Reach South Academy Trust Rowde Academy Royal Wootton Bassett School Salisbury 6th Form Academy Salisbury Plain MAT Sarum Academy Sevenfields Academy Shaw Ridge Academy Sheldon Academy Somerset Road Academy South Wilts Grammar School South Wilts UTC Southbroom Infants Academy Southfield Junior Academy St Augustine's School St Catherine's Academy St Edmund's Calne Academy St Edmunds Girls Academy Salisbury St Joseph's Academy Devizes St Joseph's Academy Swindon St Laurence Academy St Leonard's Academy St Mary's Swindon Academy Swindon College The Mead Primary Academy inc Castle Mead Academy inc River Mead Academy The Parks Academy Trust United Learning Trust Uplands Education Trust UTC Swindon Wansdyke Academy Wellington Academy West Ashton Academy Westlea Academy White Horse Academies Wiltshire College Woodford Valley Academy

#### Admitted bodies

Agincare Aster Communities Aster Group Aster Living Aster Property Management Atkins Ltd Brunel Capita Business Services Ltd Care Home Select (CHS) Caterlink 1 Caterlink 2 Caterlink 3 Change Grow Live Churchill Services 1 **Churchill Services 2** CIPFA **Collaborative Schools** Community First Create Studios Deeland Devizes Museum **Direct Cleaning** Direct Cleaning Wansdyke Edwards and Wards - Nythe School Edwards and Wards - St Peters School Elior UK Evnon FCC Environment First City Nursing GLL Great Western Hospital Greensquare (Westlea Housing Association) Greenwich Leisure Limited Greenwich Leisure Limited pt2 Idverde Innovate Services KGB Cleaning Lifewavs Mears Care East 2 Mears Care Ltd North 1 Mears care Ltd West 1 Oxford Health NHS Trust Places For People Leisure Public Power Solutions Reach Ringway Salisbury and South Wilts Museum Sarsen Housing Selwood Housing Seren Group Sodexo Sodexo 2 Somerset Care Ltd Southern Health NHS Foundation Trust Spurgeons Swindon Dance Swindon Wildcats The Order Of St John Care Trust Twigmarket Visit Wiltshire Wiltshire and Swindon Sports Partnership Wiltshire CCG Wyclean



These accounts form a summary from the Wiltshire Pension Fund Annual Report and Financial Statements publication. This provides information on its activities and a full detailed statement of its accounts. Requests for this report, or any other queries arising from the Wiltshire Pension Fund Accounts, should be addressed to the Chief Financial Officer, County Hall, Bythesea Road, Trowbridge, BA14 8JN.

