

The Highland Council Pension Fund

Unaudited Annual Report and Annual Accounts Aithris Chunntasan

2019 - 2020 Pensions Regulator Scheme Number: 10051259

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INTRODUCTION

To request this information in an alternative format, e.g. large print, Braille, computer disc, audio tape, or suitable language, please contact The Highland Council's Treasury and Investment Section, treasury.team@highland.gov.uk, 01463 702 432.

How to Contact Us

http://www.highlandpensionfund.org/highland-pension-fund/about-us/contactdetails/

General enquiries about this document.

E-mail: treasury.team@highland.gov.uk

The Pension Section is available to help with all aspects of scheme membership including benefits for active, deferred and pensioner members.

Pensions Section The Highland Council Council Buildings Glenurquhart Road Inverness IV3 5NX

E-mail: <u>pensions.section@highland.gov.uk</u>

General enquiries regarding Pension Fund Investments:

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E-mail: treasury.team@highland.gov.uk

Information on how the scheme operates and key documents can be found on the following website. If you are unable to access any of these documents or would like a paper copy, please don't hesitate to contact us using the contact details for queries on this document.

www.highlandpensionfund.org

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Management of the Fund	
Administering Authority	The Highland Council, HQ, Glenurquhart Road, Inverness, IV3 5NX
Scheme Administrators	The Highland Council, Pensions Section, HQ, Glenurquhart Road, Inverness, IV3 5NX
Fund Actuary	Hymans Robertson
Fund Custodian	Northern Trust
Performance Management	Northern Trust
Investment Advisors	AON Hewitt
Fund Officers	Liz Denovan, Executive Chief Officer, Resources and Finance
	Edward Foster, Head of Corporate Finance and Commercialism
	Margaret Grigor, Finance Manager
	Charlie MacCallum, Payroll and Pensions Manager
AVC Provider	Prudential Assurance
Bankers	Clydesdale Bank
External Auditor	Grant Thornton

Investment Managers











Investment Management



Schroders

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Annual report and Accounts

This is the Annual Report and Accounts for the Highland Council Pension Fund 2019/20.

The Annual Report has been prepared in accordance with Regulation 55 of the Local Government Pension Scheme (Scotland) Regulations 2018 and the CIPFA Guidance for Local Government Pension Scheme Funds (2019 Edition) entitled "Preparing the Annual Report".

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2018/19	Performance	2019/20
£60.3m	Contributions receivable	£61.3m
£59.9m	Pension benefits payable	£65.1m
£9.4m	Management expenses	£8.4m
£297.41	Cost per member £	£258.74
31,609	Total Membership	32,385
29	Number of employers	29
£124m	Return on investment	-£94m
£1.999bn	Net assets of the Fund	£1.892bn

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Covid-19

Since the emergence of Covid-19 in the early part of calendar year 2020 the world has been turned on its head. The global pandemic is now affecting nearly every aspect of our daily lives which in turn significantly impacts on the Fund. Many impacts on the Fund have been immediate and these are covered in more detail below. At this stage we cannot say with any certainty what the longer-term impacts may be around investment performance and the value of the Fund's liabilities. We can say however that the upcoming actuarial valuation will be conducted in a climate of unprecedented uncertainty for the economic, social and societal outlook, making the outcome of that process more uncertain than ever before.

Impact on operations

All staff responsible for pensions administration, pensioners' payroll administration, investments and pension fund accounting have been homeworking since Scotland was put into lockdown on 24 March 2020. During this period pensions have continued to be paid as well as retirement benefits processed, and the accounts year end closedown is complete with a draft set of accounts due to be circulated to the Pensions Committee by the end of June.

Impact on governance

On 17 March 2020 Covid-19 emergency governance arrangements were implemented whereby meetings of the Council and its committees were suspended unless there was an urgent business requirement. This meant that the Pensions Committee scheduled for 19 March was cancelled. The Investment Sub Committee held a meeting on 13 March just before the Covid-19 emergency governance arrangements were implemented and was due to hold a meeting on 12 June. The 12 June was cancelled but officers continue to engage with investment advisors and the fund managers and plan to reintroduce formal meetings after the summer. The next Pensions Committee meeting is scheduled for 23 September and the Investment Sub Committee for 11 September.

Impact on investment performance

During the quarter to 31 March 2020, fund assets fell by 12% with the most significant drop in equity values. Equities have since recovered and during June 2020 are now close the December 2019 equity values, but this demonstrates the ongoing volatility in financial markets which is likely to continue.

The scale of the economic impact of the lockdown is starting to become apparent with impact on growth and unemployment. The worst recession in generations is forecast and the length and severity of this recession will depend on how quickly economic activity resumes with the risk of a severe "second wave" outbreak which could potentially require future lockdowns. All these factors will likely impact the volatility in financial markets and value of the Fund's investments

Officers are currently working with the Fund's investment advisor to assess the investment performance risks and will provide an update to the Investment Sub

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Committee in September. Also, alongside the ongoing actuarial valuation an assessment will be made of the Fund's current strategic asset allocation so that longer term the Fund's assets will cover future pension liabilities.

Impact on financial statements

The impact of Covid-19 on financial statements is increased challenges and uncertainty regarding the valuation of certain asset classes such as property and private equity.

In the quarter to 31 March 2020, many real estate managers temporarily suspended dealing of their funds over the quarter because of valuers applying material uncertainty clauses to the underlying funds in the portfolio. The clauses have been added as valuers can no longer rely on previous market experience to accurately price the underlying assets. As such, Schroders (Fund's property fund manager) have advised that it will be difficult to assess the true impact of performance against the benchmark over the quarter. The valuations issued by Schroders on the underlying UK funds in the Fund's portfolio at March were all issued with "material valuation uncertainty clauses" in place. Schroders predicts further valuation falls will be likely for the remainder of 2020.

The Partners Group (Fund's private equity fund manager) issued special reports in March 2020 which showed a considerable reduction in portfolio values. These reports highlighted the duty of Partners Group to show the true fair market value of assets and that the March valuations fully considered public-market changes and associated mark-to-market adjustments. The reports also contained preliminary assessments of the potential impact of Covid-19 on all sectors where investments are held and measures that individual businesses within the portfolio are implementing to manage Covid-19 risks.

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About the Fund

The Fund is part of the national Local Government Pension Scheme (LGPS) and is a contributory defined benefit pension scheme. The LGPS was set up by the UK Government to provide retirement and death benefits for local government employees, and those employed in similar or related bodies, across the whole of the UK.

The LGPS scheme is governed by the Public Service Pensions Act 2013 and the fund is administered in accordance with the following secondary legislation:

- the Local Government Pension Scheme (Scotland) Regulations 2018
- the Local Government Pension Scheme (Transitional Provisions and Savings) (Scotland) Regulations 2014
- the Local Government Pension Scheme (Management and Investment of Funds) (Scotland) Regulations 2016
- the Local Government Pension Scheme (Governance) (Scotland) Regulations 2015

The Administering Authority (The Highland Council) runs The Highland Council Pension Fund, to make sure the Fund achieves the following objectives:

 Receives the proper amount of contributions from employees and employers, and any transfer payments.

The Fund is built up by contributions from both employees and employers, together with interest and dividends from investments, out of which defined pensions and other benefits are paid.

Employees' contributions to the Fund are fixed by statute and contributions payable by employers are fixed every three years following a report by an independent actuary who determines the level of contribution necessary to ensure that the Fund will be able to meet future benefits.

The primary contribution rate (future service contributions) for the whole Fund of 17.8% of pay for payroll contributions was set by the Actuary for the period 1 April 2019 to 31 March 2021 in the Triennial Actuarial Valuation report 2017. In addition to this, the secondary rate (past service contributions) for 2019/20 is £4,108,000.

• Invests the contributions appropriately, with the aim that the Fund's assets grow over time with investment income and capital growth.

The Fund's assets are managed by appointed Investment Fund Managers. Once the cost of current benefits is met, all surplus cash income is invested to meet future liabilities to employees within the Fund and deferred pension benefits.

 Uses the assets to pay Fund benefits to its members (as and when they retire, for the rest of their lives) and to their dependents (as and when members die), as defined in the LGPS Regulations (pre-1 April 2014 pensions benefits payable were based on final pensionable pay and length of pensionable

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service. After 1 April 2019, the scheme became a career average scheme whereby members accrue benefits based on their pensionable pay in that year at an accrual rate of 1/49th which is updated annually in line with the Consumer Price Index). Assets are also used to pay transfer values and administration costs.

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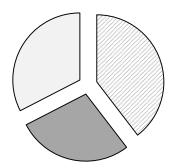
MANAGEMENT COMMENTARY

Background

Under the Local Government Pension Scheme (LGPS), The Highland Council is designated as an "Administering Authority" and is required to operate and maintain a pension fund - the Highland Council Pension Fund (HCPF) ("the Fund"). The Fund is established to provide retirement and death benefits to employees and dependents within the scheme.

The closing net assets of the Fund at 31 March 2020 are £1,892m (31 March 2019 \pm 1,999m).

The Fund provides benefits for those employees of The Highland Council, Comhairle Nan Eilean Siar and 27 other scheduled and admitted bodies that are active members of the Fund.



Current Scheme Membership

□ contributing members (12,820)

□ deferred pensioners (9,018)

□pensioners (10,547)

Governance

The main legislation directing the governance requirements for the Fund is The Local Government Pension Scheme (Governance) (Scotland) Regulations 2015. The main impact of these regulations was the creation of The Scheme Advisory Board and Pension Boards.

The Scheme Advisory Board is a Scottish-wide Board which provides advice to the Scottish Ministers on the desirability of changes to the LGPS. It also provides guidance to the scheme managers or pension boards on the effective and efficient administration and management of the LGPS and the Fund.

Each scheme has its own Pension Board to ensure the regulations and legislation relating to the governance and administration of the LGPS are complied with.

For HCPF specifically, governance is undertaken by the Pensions Committee and Pensions Board which meet simultaneously to consider the same agenda and to whom Fund business has been delegated by The Highland Council. This includes the appointment and monitoring of investment managers, which is further delegated to the Pensions Investment Sub Committee.

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More information on the governance process can be found in the Governance section on page 20, Annual Governance Statement on page 41 and the Governance Compliance Statement on page 45.

Business Model and Risk

HCPF is managed and administered from The Highland Council Headquarters in Inverness.

Many of the Fund's activities are managed in-house and are accountable to the Pensions Committee and Board, Fund employers, and scheme members. The in-house support teams aim to provide a quality service to meet the needs of the Fund's stakeholders.

Pension Fund support functions cover the following areas:

- Membership and Benefits Administration
- Investment Management
- Funding and Accounting

Membership and Benefits Administration

For the benefit of all HCPF stakeholders the website below includes a broad range of information relating to the Fund.

https://www.highlandpensionfund.org

a) General

The 2019/20 year was a busy and challenging year for the Pensions Administration team.

Pension Regulations at a National level are now much more subject to change with the result that the Administration team is constantly reviewing and interpreting these changes and their impact on processes and policies. Often the required Government actuarial guidance to support the changes is delayed causing a backlog of cases to be reviewed.

Team training is therefore a demanding but essential factor in the delivery of the Pension service.

In addition to the challenges of the core business of delivering pension administration, senior officers in the team were also involved in several other important projects including:

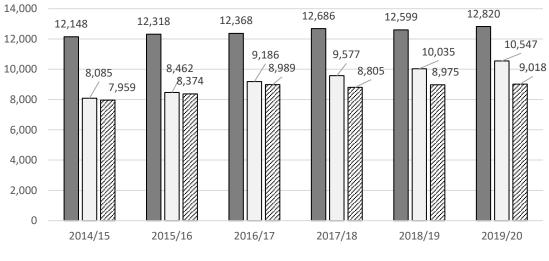
- Guaranteed Minimum Pensions (GMP) reconciliation exercise.
- Procurement exercises to appoint a Fund Actuary and Pension system supplier
- Initial dialogue with the Fund Actuary in respect of the 2020 Fund Valuation

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• Initial engagement and training in respect of the valuation (for fund employers).

It is anticipated that there may be an increase in requests for estimates because of the current Covid-19 crisis. Overall, there are increasing demands and complexities around pensions as well as the increased expectations of all stakeholders and statutory national requirements creating additional pressures on the Pension Administration team. Adequate resourcing is needed to avoid breaches of the regulations.

The profile of membership over the current year compared to previous years is below.



Membership statistics

■ Contributors ■ Pensioners ⊠ Deferred

The following sets out details of new pensioners analysed by ill health, early and normal retirement.

Retirements during 2019/20

	2019/20 Number Retirements
Early retirement	37
III-health retirement	77
Early payment of deferred benefits	109
Sub-total	223
Normal retirements	463
Totals	686

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b) Communication

As highlighted earlier, the Fund communicated regularly with Fund employers as part of the valuation exercise but also received requests from employers to provide an overview of the Fund, regulations and governance.

The Fund continues to make the best use of technology and publishes Annual Benefit Statements on-line which avoids printing and postage costs.

The Fund's website features a news page which the Pensions Administration team use to upload articles of interest for scheme members to view.

https://www.highlandpensionfund.org/client-area/news/

c) Performance

The administration performance is generally consistent with the previous year.

There has been a slight dip in areas around the payment of certain benefits and transfers between funds. This is mainly attributable to changes in regulation introducing additional layers of complexity and the delay in guidance from the Government Actuary's department.

Overall, the Fund returned a deficit of £106.675m and comparators for previous years are provided below, alongside the unit costs per member.

Pension Fund Account	2015/16	2016/17	2017/18	2018/19	2019/20
	£m	£m	£m	£m	£m
Contributions received	56.941	59.346	57.982	60.262	61.343
Pensions paid	(54.689)	(57.922)	(56.077)	(59.887)	(65.107)
Management expenses	(7.024)	(7.717)	(8.895)	(9.401)	(8.379)
Returns on investment	25.247	301.927	125.898	124.177	(94.532)
Overall surplus/(deficit)	20.475	295.634	118.908	115.151	(106.675)
Unit costs per member	2015/16	2016/17	2017/18	2018/19	2019/20
Administrative unit cost	£31.98	£34.50	£31.89	£39.25	£37.03
Oversight and Governance	£10.68	£8.55	£12.52	£10.38	£12.52
Investment management expenses	£240.95	£262.98	£241.90	£247.78	£209.19
Total cost per member	£283.61	£306.03	£286.31	£297.41	£258.74

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Investment Management

The Fund income comes from member contributions, employer contributions and interest and returns on Fund investments. Fund expenditure relates to paying of member benefits and the administration costs of looking after the Fund. Overall, taking into account returns on investment, for 2019/20 the Fund is in deficit, i.e. the expenditure is greater than the income.

Investment Management of the Fund's assets is undertaken by external fund managers and overseen by the Pensions Accounting team with the support of AON Hewitt, the Fund's Investment Adviser.

The investment activity of the Fund is set out in the Statement of Investment Principles (SIP) which is reviewed regularly and agreed by the Pension Committee and Board and performance of the fund managers is reviewed by the Investment Sub Committee.

https://www.highlandpensionfund.org/media/3463/sip-approved-at-pc0-8-02-18.pdf

Some of the main considerations in the SIP are:

- the types of investment to be held
- the balance between different types of investment
- risk, including the ways in which risks are to be measured and managed
- the expected return on investments

A list of the Fund's investments is published quarterly on the Fund's website.

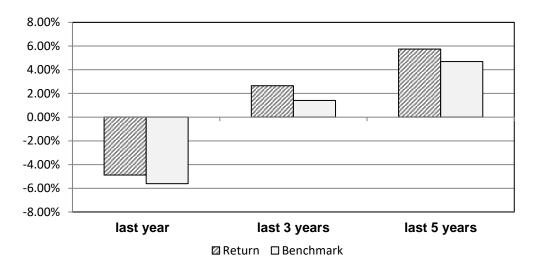
http://www.highlandpensionfund.org/highland-pension-fund/about-us/forms-and-publications/

Against a backdrop of continued uncertainty in the global economy, and volatility in the financial markets, for the year the Fund returned -4.9%, outperforming the negative benchmark of -5.6%.

The Fund slightly out-performed its benchmark during the quarters to June 2019 and December 2019 and marginally underperformed against benchmark during the quarter to September 2019. During the quarter to March 2020 there was a considerable decrease in the value of assets due to the impact of Covid-19 on financial markets though markets have started to recover since 31 March 2020. Over this quarter, the Fund delivered absolute negative performance of -12.2%, just outperforming the benchmark by 0.01%.

The following graph shows the annualised Fund return against the benchmark for the last year, the last 3 years and the last 5 years which show that performance has been strong across the longer-term period with the most recent year affected by the impact of Covid-19 on financial markets. Different benchmarks are used to assess the performance of each asset class such as the MSCI (Morgan Stanley Capital International) All Countries World Index for global equities. Further information on the benchmarks used for the Fund is in the SIP.

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Investment decisions for the Fund are considered over the longer term. Short term performance is reviewed closely, but, alone, it is unlikely to lead to investment change. In 2019/20 the total Fund's investments decreased in value to £1,885m from £1,991m at the end of 2018/19.

The purchase of equity protection until December 2021 was approved by the Investment Sub Committee (June 2019) in order to protect the Fund's passive equities against significant falls in value until investments in alternative asset classes are implemented. In December 2019 £52m of equity protection expired which is currently held in a Sterling liquidity fund in the Legal and General pooled fund until this is invested with the newly appointed fund manager. The newly appointed fund manager will manage a multi asset portfolio.

A review of Investment performance is provided on page 31 of this report.

Funding and Accounting

Funding and accounting matters are undertaken internally by the Pensions Accounting team with the assistance of the Fund Actuary, Hymans Robertson.

Every three years the actuary carries out a valuation of the Fund. The main purpose of the valuation is to review the financial position of the Fund and determine the rate at which the employer bodies participating in the Fund should contribute in the future to ensure that the existing assets and future contributions will be sufficient to meet future benefit payments from the Fund.

The triennial valuation as at 31 March 2017 applies from financial years 2018/19 until 2020/21. The data collection for the valuation as at 31 March 2020 is underway and will apply from financial years 2021/22 until 2023/24.

At the 2017 actuarial valuation the Fund was assessed as 101% funded (2014 valuation 96%) with a surplus of £13m (2014 deficit £52m). The 2017 funding level increased due to investment returns being higher than expected since 2014 and membership experience actuals being different to forecast (lower than expected salary and pension increases and lower than expected ill health retirements).

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Alongside the completion of the Actuarial Valuation, the Funding Strategy Statement, which explains the setting of the employer contribution rates, was updated and approved at Pensions Committee in February 2018. The strategy can be viewed at

https://www.highlandpensionfund.org/media/3743/funding-strategy-statement-2018.pdf

Risk

Awareness of risk and risk mitigation is a key aspect of the Fund's strategic and operational activities. Whilst it is not possible to eliminate risk entirely, the Fund has taken steps to evaluate risk and put mitigating controls in place to minimise its adverse effects.

A risk register is maintained and reported to the Pensions Committee.

https://www.highland.gov.uk/meetings/meeting/4089/pensions_committee_and_boa rd

The seven highest identified risks are:

- 1. Ongoing risk of members and officers being unaware of changes to LGPS. governance, administration and investment matters and of non-compliance with Pension Fund Regulator requirements.
- 2. Unfilled vacancies or insufficient staffing levels will result in the pension administration service not meeting statutory deadlines or paying benefits on time.
- 3. Ultra vires pension fund actions leading to financial loss and reputational damage.
- 4. If the investment strategy is inconsistent with funding plans it can lead to setting inaccurate employer contribution rates.
- 5. Volatility in markets created by global uncertainty could adversely impact investment returns leading to increasing deficits and additional costs i.e. Covid-19, Brexit. If the investment return is below that assumed by the actuary in funding the plan this could lead to an increasing deficit and additional contribution requirements. The larger the level of mismatch between assets and liabilities the bigger this risk
- 6. Increasing demands and complexity around pensions as well as the increased expectations of all stakeholders and statutory national requirements has created additional pressures on the Pension Administration team. Without adequate resourcing, there is a risk of non-compliance with regulations.
- The outcome of the recent McCloud judgement (ruling that transitional protections in the Judges' and Firefighters' Pension Schemes were unlawful on the grounds of age discrimination) will impact future liabilities of the Fund and potentially increase pressure on contributions depending on the remedy decided.

These risks and the mitigating controls in place to manage them have been reported to the Pensions Committee.

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Looking Ahead

- The impact of Covid-19 has meant adjustments to the way that the Pensions and Investment teams operate with all staff homeworking. Staff have shown great adaptability and resilience which has meant services have not been greatly affected. Initially there were some technology issues but in the main these have now been resolved.
- Ongoing volatility and uncertainty in the global economy and investment markets may have significant financial implications for the Fund and Fund employers. Changes to the strategic asset allocation are being implemented to manage the risk of potentially lower returns from equity markets globally and in the UK.
- The Scheme Advisory Board (SAB) completed a consultation on a Structure Review of the Scottish LGPS Funds and is currently scoping work to compare the status quo/collaboration and merger options considering costs of change, potential organisational, operational and investment benefits and the different governance arrangements that would be required.
- The ongoing Guaranteed Minimum Pensions (GMP) exercise will identify pension records to be amended. Regulations are likely to be introduced whereby if there is a GMP related overpayment identified, an LGPS pension in payment should not be reduced and will be converted into an "increased pension entitlement".
- Data is currently being collated for the current Actuarial Valuation as at 31 March 2020, with results of the Valuation being available towards the end of 2020. The Funding Strategy Statement (FSS) will be updated once valuation is complete. Also, the strategic asset allocation in the SIP will be reviewed alongside the Actuarial Valuation and both the FSS and SIP will be presented to Pensions Committee in 2021.
- Other ongoing developments likely to impact on the Pensions Administration in future years include the consultation on an exit payments cap and issues surrounding refunding payments within 5 years of leaving (effective in Scotland from 2020/21 but affecting England/Wales this year).
- With the Fund being cash flow negative, daily monitoring of the Pension Fund cash flows is completed. The current position is that existing cash balances held by the fund managers are where necessary used to meet cash requirements without the need to disinvest. Even if investment income yields fall below current levels, the time when assets need to be sold to meet benefit payments still looks sometime in the future. Detail on the cashflow position can be found at page 40.
- We will continue to engage with Members to identify training needs and provide appropriate training opportunities.

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- We await a decision on remedy for the legal case (McCloud/Sargeant) regarding an age discrimination challenge to the transitional protections put in place when the LGPS benefit structure was reformed in 2015. The actuarial adjustment for this was made in the previous year's accounts.
- The Administration team will continue to develop new processes making best use of technology to increase efficiency and reduce cost.

In Conclusion

Our thanks and appreciation is extended to all Councillors and Officers for their continued input to the strong governance and management of the Fund.

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Governance

The Highland Council is the Administering Authority of the Highland Council Pension Fund and is responsible for ensuring that the Fund is operating in accordance with the law and proper standards, and that public money is safeguarded, properly accounted for, and used economically, efficiently and effectively.

The Highland Council as administering authority has delegated all pension scheme matters to the Pensions Committee. In addition, an Investment Sub Committee has been established to enhance the Council's management and investment of the assets of the Fund in accordance with its respective objectives and strategies.

The Pensions Committee's specific functions include setting the Fund's objectives and ensuring that appropriate strategies, policies and procedures are put in place to achieve these objectives. This requires setting and agreeing strategies, policies and procedures and reviewing these.

The Investment Sub-Committee will exercise the delegated powers and duties of the Pension Committee in relation to the management and investment of the Fund's assets.

The local Pension Board was established to assist the Scheme Manager (The Highland Council) to comply with the rules relating to scheme governance and administration and complying with the requirements set out by The Pensions Regulator.

The key role of the Pension Board is to help ensure the Fund complies with governance and administration requirements.

The remit of the Committees and Board is set out in full in the Fund's Governance Policy.

https://www.highlandpensionfund.org/media/5451/governance-policyitem 5 pc 8 19.pdf

The Annual Governance Statement is published on page 41 which is an assessment of the effectiveness of the systems of internal control as required by the Local Authority Accounts (Scotland) Regulations 2019.

The Governance Compliance Statement is published on page 45 as required by Regulation 55 of the Local Government Pension Scheme (Scotland) Regulations 2018.

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All Councillors on the Pensions Committee have been appointed by The Highland Council. The membership of the Pensions Committee, Pensions Board and Investment Sub Committee as at 31 March 2020 is outlined below.

Committee and Board Membership

Pensions Committee

Cllr R Gale (Chairman) Cllr R Bremner Cllr J Gray Cllr H Carmichael Cllr C Fraser Cllr A Jarvie Cllr B Lobban Cllr D Louden Cllr A MacKinnon Cllr P Saggers Cllr B Thompson

Investment Sub Committee

Cllr B Thompson (Chairman) Cllr R Bremner Cllr H Carmichael Cllr R Gale Cllr B Lobban Cllr D Louden Cllr P Saggers

Non-Voting Members

Mr E Macniven, GMB Cllr C Nicolson, Comhairle nan Eilean Siar

Pensions Board

Cllr C Caddick, The Highland Council Vacant (replacement to be appointed) Mr R Fea, Cromarty Port Authority, Representative for Other Employers' (Chairman) Cllr C Nicolson, Comhairle nan Eilean Siar Ms L MacKay, Unison Mr D Macdonald, Unison Mr D Main, UNITE/UCATT Mr E Macniven, GMB

Attendance at Committee and Board meetings

The good governance of the Fund depends on the Committee and Board meetings being adequately attended. During 2019/20, all meetings were quorate and the following table provides detail of individual attendance during the year.

Papers for the Pensions Committee scheduled for 19 March 2020 were circulated to Members, but the meeting was cancelled due to adherence with Government advice on Covid-19.

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Pensions Committee	08/08/2019
Cllr R Bremner	✓
Cllr H Carmichael	✓
Cllr R Gale (Chair)	\checkmark
Cllr J Gray	
Cllr C Fraser	✓
Cllr A Jarvie	✓
Cllr B Lobban	✓
Cllr D Louden	✓
Cllr A MacKinnon	
Cllr P Saggers	✓
Cllr B Thompson	

Pensions Board	08/08/2019
Cllr C Caddick	
Cllr G Cruickshank	✓
Mr R Fea (Chair)	✓
Cllr C Nicolson	
Ms L MacKay	\checkmark
Mr D Macdonald*	
Mr D MacSween*	N/A
Mr D Main	
Mr E Macniven	✓

*Mr D Macdonald became a substitute on 1 March 2020 with Mr D MacSween being his replacement on the Pensions Board.

Investment Sub Committee	14/06/2019	06/09/2019	29/11/2019	13/03/2020
Cllr R Bremner	✓	√	\checkmark	
Cllr H Carmichael				\checkmark
Cllr R Gale				\checkmark
Cllr B Lobban			\checkmark	
Cllr D Louden	\checkmark	\checkmark		\checkmark
Cllr P Saggers	\checkmark	\checkmark	\checkmark	\checkmark
Cllr B Thompson (Chair)	\checkmark	\checkmark	\checkmark	\checkmark
Cllr C Nicolson (Pension Board non -voting)	~		\checkmark	
Mr E Macniven (Pension Board non -voting)	\checkmark	\checkmark	\checkmark	\checkmark
Mr R Fea Pension Board observer)	\checkmark	\checkmark	\checkmark	\checkmark
Mr D Macdonald Pension Board observer)				

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Training, Knowledge and Skills - Policy Statement

The Fund's training policy which was approved by Highland Council Pensions Committee on 8 August 2019, recognises that those involved in the governance of the Fund should have the necessary level of skills and knowledge to allow them to complete their duties effectively.

https://www.highlandpensionfund.org/media/5452/training-policy_pc_12_19.pdf

The training policy sets out the following:

- the CIPFA Code of Practice on Public Sector Pensions Finance Knowledge and Skills, and CIPFA's supporting Framework and guidance documentation.
- the legal requirements for individual Pension Board members to have the correct level of knowledge and understanding to undertake their role.

The Policy sets out a plan for training during 2019/20 and advises Committee and Board Members to complete an assessment of their skills and knowledge against the CIPFA Framework and to complete the Pensions Regulator online training modules. Correspondence is issued annually requesting that Committee and Board members submit details of training attended and notify Officers of any further training requirements.

The specific training events set out below are supplemented by additional knowledge and skills acquired through other 'on the job' activities including participation in working groups, attendance at meetings, general reading and research e.g. agenda reports and presentations, investment manager reports and briefings, magazines and other periodicals and online reading etc.

The training events attended during the year covered a range of subjects which are set out below.

Scottish Pensions Liaison Group (SPLG) training covered the following

- Valuations
- Ethical Social Governance issues
- Structure review update
- Improving the customer journey
- Update on Pensions Administration
- Cost transparency
- Infrastructure investing presentation from Lothian Pension Fund

Investment Strategy training was provided at the meeting of the Investment Sub Committee and covered the following

- Overall investment strategy current Statement of Investment Principles (SIP) and target asset allocation.
- Reasons for the mix of managers used and particular weightings.
- Reasons for adding new managers and asset classes to the portfolio and an overview of the new asset classes and their benefits.
- Update on progress in moving towards the target asset allocation.

The Baillie Gifford Investment and training seminar and Local Government Chronicle (LGC) event covered a range of investment, actuarial and governance topics.

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Date	03/09/2019	06/09/2019	9-10/10/2019	24-25/10/2019
Event	SPLG	Investment	Baillie Gifford	LGC event
	training	strategy	Investment	
	VC into Edinburgh	training at ISC	and training seminar	
	Lambargh	150	Serrinal	
Pensions Committee	r	1	1	
Cllr J Gray				
Cllr C Fraser				
Cllr A Jarvie				
Cllr A Mackinnon				
Pension Board		-		
Cllr C Caddick	\checkmark			
Cllr G Cruickshank				
Mr R Fea	\checkmark	\checkmark	✓	
Cllr C Nicolson				
Ms L Mackay				
Mr D Macdonald	✓			
Mr D Main				
Mr E Macniven	\checkmark	\checkmark		
Pensions Committee &	k Investment S	ub Committee		
Cllr B Thompson	Self-study	✓	✓	
Cllr R Bremner		\checkmark		
Cllr H Carmichael			✓	
Cllr R Gale	\checkmark			\checkmark
Cllr B Lobban				
Cllr D Louden	\checkmark	\checkmark		
Cllr P Saggers	Self-study	\checkmark	\checkmark	

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Funding Strategy Statement

Implementing a Funding Strategy Statement is a regulatory requirement which summarises the Fund's approach to funding liabilities. The Funding Strategy Statement describes the strategy of The Highland Council acting in its capacity as Administering Authority for the funding of the Highland Council Pension Fund and is published on the Fund's website.

https://www.highlandpensionfund.org/media/3743/funding-strategy-statement-2018.pdf

Employees' benefits are guaranteed by LGPS Regulations, and do not change with market values or employer contributions. Investment returns will help pay for some of the benefits, but with no guarantee as to the level of funding. Employees' contributions are fixed in the Regulations, at a level which covers only part of the cost of the benefits.

Therefore, employers need to pay the balance of the cost of delivering the benefits to members and their dependents.

The Funding Strategy Statement focuses on how employer liabilities are measured, the pace at which these liabilities are funded, and how employers or pools of employers pay for their own liabilities. This statement sets out how the Administering Authority has balanced the conflicting aims of:

- affordability of employer contributions,
- transparency of processes,
- stability of employers' contributions, and
- prudence in the funding basis.

The Funding Strategy Statement provides details of the key elements of the funding strategy, the regulatory framework, responsibilities of key parties, links to the SIP, key risks (financial, demographic, regulatory and governance), calculation of employer contributions and actuarial assumptions.

The Funding Strategy Statement will be updated once the actuarial valuation is complete towards the end of 2020.

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Investment Policy

Statement of Investment Principles

A Statement of Investment Principles (SIP) details the policy governing the Fund's investments. A summary of the SIP is set out on the following page.

The detailed version of the SIP expanding on the paragraphs below was approved by Committee and Board on 8 February 2018.

https://www.highlandpensionfund.org/media/3463/sip-approved-at-pc0-8-02-18.pdf

The Highland Council has delegated authority to the Pensions Committee to take decisions on behalf of the Pension Fund. The Pensions Board was set up to comply with the LGPS (Governance) (Scotland) 2015 Regulations and is responsible for assisting the Committee in securing compliance with pension governance and administration legislation and regulations and requirements of the Pensions Regulator. The Investment Sub Committee is responsible for overseeing the management of the investments of the Fund and scrutinises the performance of the Fund's seven investment managers.

The Highland Council Pension Fund qualifies as an HMRC 'exempt approved scheme'.

Statement of Investment Principles – Summary

Background

The Highland Council is the administering authority of the Highland Council Pension Fund. Elected members recognise that they have fiduciary duties and responsibilities towards beneficiaries, employers and local taxpayers that are similar to those of Trustees in the private sector.

Advisors

Independent Investment Managers, Investment Consultants, Actuaries and Performance Measurement Consultants are employed to give ongoing expert advice and assistance in the managing of the Fund.

Funding Policy

The Fund is a defined benefit pension scheme which provides members with pensions and lump sums related to their salaries. The fundamental objective is to meet these benefits on retirement, or the dependent's benefits on death before or after retirement.

The funding policy is directed to ensuring that in normal market conditions, all accrued benefits are fully covered by the actuarial value of the Fund's assets and that the appropriate level of contributions is agreed by the administering authority to meet the cost of future benefits accruing.

A Funding Strategy Statement for the Pension Fund has been prepared in accordance with Regulation 75A (1) of the Local Government Pension Scheme (Scotland) Regulations 1998 as amended by the Local Government Pension Scheme (Scotland) Amendment Regulations 2005. The Statement describes the strategy of The Highland

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Council acting in its capacity as Administering Authority for the funding of the Highland Council Pension Fund.

Investment Policy

The Fund's Investment Policy will be directed to ensuring that in normal market conditions, all accrued benefits are fully covered by the actuarial value of the Fund's assets and that an appropriate level of contributions is agreed by the administering authority to meet the cost of future employees' benefits accruing.

The long-term investment objective of the Fund is to achieve a real rate return of 3-4% per annum on average. The Fund has a strategic benchmark for each Manager. In broadly defining the assets to be held and setting the asset allocation this benchmark provides an efficient balance between risk and return in light of the liability profile, and funding level of the Fund. There are changes proposed to the current asset allocation in order to reduce the overall risk in the Fund.

The strategic benchmark is expected to produce a return over the long term in excess of the investment return assumed in the Actuarial Valuation. The Fund's assets are currently managed approximately 83% on an active basis and these are expected to outperform their respective benchmarks over the long term. The remainder is managed on an index tracking (passive) basis. The plan to reduce equities and bonds will eventually result in the Fund's assets being managed approximately 89% on an active basis and 11% on a passive basis.

Asset Mix of Investments

The overall investment portfolio for the Fund is weighted to the equity market, both UK and Overseas. However, the portfolio also has investments in Index-Linked Gilts, Property, UK Bonds, Overseas Bonds, Private Equity, Property Debt and Cash. This diverse range of investments over 7 different Managers (6 active and 1 passive) is employed to minimise the effect of risk and enhance overall performance of the Fund for its Members.

Each Manager, with the exception of the index tracking Manager, has full discretion within the parameters of their mandate in the asset mix and stock selection, subject to the investment principles.

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Strategic Asset Allocation

The Fund's strategic asset allocation targets are as follows.

	Fund Actual 31/03/19	Fund Actual 31/03/20*	Target set Feb 2018
Asset Class	%	%	%
UK equities - active	20.2	16.8	18.2
UK equities - passive	4.9	3.4	3.3
Global equities - active	30.0	30.3	26.8
Global equities - passive	11.8	9.9	7.7
Total equities	66.9	60.4	56.0
Cash (Legal and General)	0.0	5.7	0.0
Fixed income - active	11.5	12.2	12.0
Fixed income - passive	4.0	3.9	-
Total fixed income	15.5	16.1	12.0
Property – active	9.5	9.6	10.0
Property debt – active	2.8	2.9	4.0
Private equity - active	5.3	5.3	5.0
Other illiquid alternatives*	-	-	8.0
Absolute return strategies*	-	-	5.0
Total Assets	100.00	100.00	100.0

*work has been progressing during 2019/20 to appoint 2 new fund managers and a mandate should be in place for the absolute return fund manager in 2020.

Monitoring

The Fund's officers and, when required, advisers meet with each of its Investment Managers on a rotational basis and monitor performance quarterly relative to performance targets.

Adoption of the strategic benchmark and the performance monitoring constrains the Investment Managers from deviating significantly from the intended approach. It also permits flexibility to manage the Fund in such a way as to enhance returns.

Risk

The Fund pursues a policy of lowering risk through diversification of both investments and investment managers. A management agreement is in place for each Investment Manager, which sets out the relevant benchmark performance target, asset allocation

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ranges, and any restrictions, as determined by the Fund.

Realisation of Investments

Currently 81% of the investments held by the Fund at 31 March 2020 are quoted on major stock markets and may be realised quickly if required. Property investment is via pooled funds which are relatively illiquid. These currently make up approximately 10.3% of the total Fund. There are also private equity 5.7% (target asset allocation 5%) and property debt investments 3% (target asset allocation 4%) which are very illiquid.

Underwriting

The Fund's Investment Managers are permitted to underwrite and sub-underwrite stock issues only on the basis that the subject stock is already held in the portfolio or that the Manager wishes to acquire a long term holding.

Environmental, Social and Governance (ESG)

The Fund recognises that environment, social and corporate governance considerations are among the factors which Investment Managers will take into account, where relevant, when selecting investments for purchase, retention or sale. However, the over-riding consideration for Pension Committee members is their fiduciary duty to the scheme employers and scheme members.

Whilst recognising its over-riding fiduciary duties the Fund will continue to encourage its managers to engage on issues with companies in which it holds investments as the Fund believes that environmental, social and corporate governance (ESG) issues will have a significant effect on the performance of investment portfolios through time.

Engagement in this context is to involve the Investment Managers in:

- Meeting and corresponding with Companies on relevant issues;
- Working with the representatives of other shareholders, where appropriate;
- Voting against adverse proposals at Company AGM/EGMs;
- Reporting regularly on actions taken in this regard.

The managers are instructed to summarise their engagement activity in their quarterly Investment Reports.

Corporate Governance

The Fund ensures that the votes attached to its holdings in all UK quoted companies are exercised whenever practical. The Fund's votes are exercised by its Investment Managers in accordance with their own policies and practices and taking account of the Combined Code on Corporate Governance.

Custody

The Fund has a Global Custodian (Northern Trust) who ensures the safekeeping of all assets separate from each Investment Manager and other officials. The Global Custodian also provides all the reporting data to the Council for

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performance monitoring and independent reconciliation purposes for each Investment Manager.

Stock Lending

The Fund has had a stock-lending agreement with Northern Trust since 2015. Adequate collateral is held which consists of acceptable securities and government debt and as at 31 March 2020 the Fund held collateral (via the custodian) of 107.7% of stock lent.

The amount of lendable securities is limited to a maximum of 25% of the value of the Fund. This arrangement will be regularly reviewed to take account of changing market circumstances.

Compliance

Investment Managers and the Custodian will provide an annual statement to The Highland Council confirming that they have adhered to the investment principles contained in this document so far as is reasonably practicable.

Adhering to guidance given by Scottish Ministers, The Fund is compliant with the six revised principles on investment decision making for occupational pension schemes, as set out in guidance published by the Chartered Institute of Public Finance and Accountancy in December 2009 called 'Investment Decision Making and Disclosure in the Local Government Pension Scheme: A Guide to the Application of the Myners Principles'.

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Investment Performance Report

Economic and Market Background

During mid-February, equity markets reached all-time highs. However, the decade-long bull market came to an abrupt halt as the Covid-19 outbreak developed into a global pandemic. Equities started to rebound toward the end of the March 2020 quarter boosted by unprecedented global fiscal and monetary stimulus measures but the MSCI AC World index still recorded its worst quarter since the 2008 Global Financial crisis with a -19.9% return in local currency terms.

The US Federal Reserve (Fed) announced two emergency rate cuts over the quarter, lowering the Fed Funds Rate target by a total of 1.50%. Meanwhile, the Bank of England reduced its base rate by a total of 0.65% to an all-time low of 0.10% and joined other major central banks in launching new quantitative easing measures in a bid to prevent a severe economic downturn.

Gilt yield tumbled over the quarter, boosting the returns of the FTSE All Stocks gilts Index and the FTSE All Stocks Index-Linked Gilts Index to 6.3% and 1.6% respectively.

Sterling fell sharply over the quarter with the worsening virus outbreak in the UK. Sterling depreciated by 6.4% and 4.2% against the US dollar and Euro respectively. This reduced global equity losses in Sterling terms to 15.9%.

Property as an asset class performed well during 2019/20 due to steady income returns but there is a general trend of UK property capital values decreasing. There was also a fall in property capital value during the final quarter of the year with a reduction in UK property capital value of 2.7%.

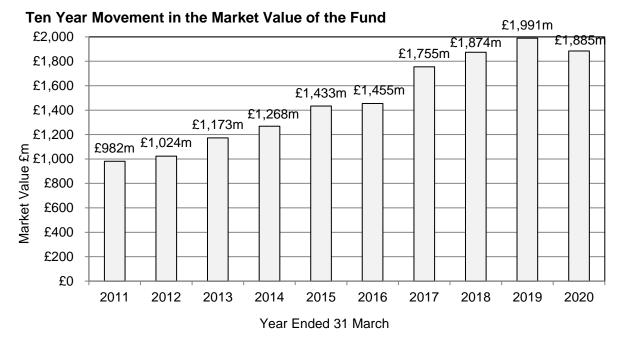
During June 2020 equity values had recovered to December 2019 levels but looking forward volatility in markets is likely to continue.

Pension Fund Investment Performance

In the year to 31 March 2020, the Highland Council Pension Fund achieved a negative return on investments of -4.9% which was better than the negative benchmark of -5.6%; longer term performance has been strong in absolute and relative terms, with the Fund outperforming the benchmark by 1.2% p.a. and 1.0% p.a. over the 3 year and 5-year period respectively to 31 March 2020.

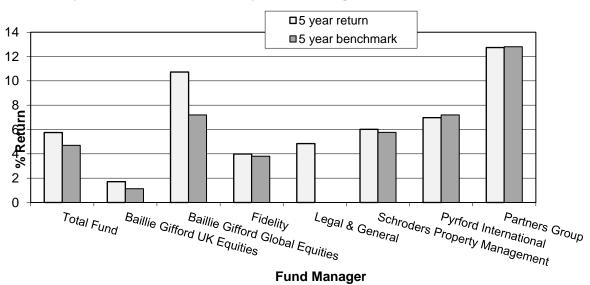
The market value of the Fund's net investment assets as at 31 March 2020 was £1,885m (£1,991m at 31 March 2019). The ten-year movement in the market value of the Fund's net investment assets is on the following page.

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Across the longer term, the main contributors to the positive performance have been global equities, due to overall equity market performance (benchmark return) and strong manager stock selection and market out-performance (excess return).

Details of the Fund's investments analysed by investment category are shown in the financial statements (Note 13) and performance against benchmark for each Fund Manager is below.



5 year Annualised Return by Fund Manager Year ended 31 March 2020

(no benchmark for Legal and General due to a change in the portfolio during 2019/20)

As noted above, the quarter to 31 March 2020 saw unprecedented falls in asset values and it is worth noting the approach to valuation by Fund Managers responsible for

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alternative asset classes in the Fund's portfolio.

With regard to asset valuations, Schroders (Fund's property fund manager) issued valuations on the underlying UK funds in the Fund's portfolio with "material valuation uncertainty clauses" in place and predicts further valuation falls will be likely for the remainder of 2020.

Partners Group (Fund's private equity fund manager) issued special reports in March 2020 which showed a considerable reduction in portfolio values and highlighted the duty of Partners Group to show the true fair market value of assets and that the March valuations fully considered public-market changes and associated mark-to-market adjustments. The report also contained preliminary assessments of the potential impact of Covid-19 on all sectors where investments are held and measures that individual businesses within the portfolio are implementing to manage Covid-19 risks.

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Actuarial Position

Employer contributions are assessed every three years by an independent actuary and expressed as a percentage of pensionable pay.

The actuarial valuation as at 31 March 2017 applies to financial years 2018/19 to 2020/21. Full details of the contribution rates payable can be found in the 2017 actuarial valuation report and the funding strategy statement on the Pension Fund website.

https://www.highlandpensionfund.org/media/3737/hcpf-fund-actuarial-valuation-2017final.pdf

In the 2017 actuarial valuation, the Fund was assessed as 101% funded (2014 valuation: 96%) with a surplus of £13m (2014 deficit £52m). The 2017 funding level increased due to investment returns being higher than expected since 2014 and membership experience actuals being different to forecast (lower than expected salary and pension increases and lower than expected ill health retirements).

Due to regulatory changes there is now a primary rate which is the payroll weighted average of the underlying individual employer primary rates and the secondary rate which is the underlying individual employer secondary rates, calculated in accordance with the Regulations and CIPFA guidance. In the 31 March 2017 Valuation, the primary rate was 17.8%.

More information on the actuarial valuation can be found in the Actuarial statement (page 99).

For the purposes of the contribution rates set for financial year 2019/20, the following assumptions from the triennial Valuation completed in 2017 were used.

Financial assumptions

Financial assumptions are used to estimate the amount of benefits and contributions payable and to place a current value on these benefits and contributions. The key financial assumptions are:

Financial Assumptions	March 2014		March 2017	
	Nominal p.a.	Real (RPI) p.a.	Nominal p.a.	Real (RPI) p.a.
Discount Rate	5.3%	2.6%	3.7%	1.3%
Salary Increase (excludes promotional increases)	4.5%	1.8%	3.4%	1.0%
Price Inflation/Pension Increases	2.7%	-	2.4%	-

The actuarial projection of the Market Value of the Fund's assets as at 31 March 2017 was \pounds 1,768m (2014 Valuation \pounds 1,279m). The aim is to achieve 100% solvency over a period of 20 years and to provide stability in employer contribution rates by spreading any increases in rates.

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Longevity assumptions

The key longevity assumptions are that all members will follow the mortality experience based on the latest industry standard and using information from longevity experts.

Future life expectancy based on the Actuary's Fund-specific mortality review at age 65 are in the table below.

	31 March 2014		31 March 2017	
	Male	Female	Male	Female
Current pensioners	22.5	24.1	21.9	24.3
Future pensioners*	24.7	26.8	23.3	26.1

* assumed current age 45 at date of valuation

Commutation assumption

Half the members will commute their commutable pension for cash at retirement. Active members will retire one year later than they are first able to do so without reduction.

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Scheme Administration

Administration Strategy and Performance

The Fund's Administration Strategy and Discretionary Policy can be found on the Fund's website at

https://www.highlandpensionfund.org/media/4625/administration-policy.pdf

The strategy sets outs the roles and responsibilities of both the Administering Authority and scheme employer. The strategy also sets out several key processes and tasks to be benchmarked against expected results. Service level standards for the administering authority performance are based on industry standard Performance Indicators and are detailed in the following tables.

Administering Authority Performance

Task	Target	Number from 1/4/19 to 31/3/20	% on target	Number from 1/4/18 to 31/3/19	% on target
New Entrants (includes re- employments)	Issue Statutory Notice within 14 days of receipt of a new start notice.	1,857	79%	1,786	78%
Early Leavers	The standard issue date is 10 days from receipt of leavers forms and 15 days for deferred benefit entitlement.	938	79%	1,023	90%
Retirements including deferred benefits coming into payment	The standard issue date is 10 days of receipt of leaver option forms.	731	92%	591	100%
Deaths in Service	Contact next of kin within 5 days of notification being received.	30	97%	19	100%
Transfers in from out with Fund	The standard is to issue statutory notice within 10 days of receipt of payment.	48	88%	98	98%
Transfers of pension rights out with Fund	Case to be finalised & payment made within 10 days of receipt of election payment.	51	94%	10	100%
Estimate of benefits	Issue within 10 days of request.	929	84%	1,318	99%

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Scheme Employer Performance - Target performance 90%

Standard	Number from 1/4/19 to 31/3/20	% on target	Number from 1/4/18 to 31/3/19	% on target
New Start Notification – within 30 days of joining (or 10 days from first deduction if later).	1,857	95%	1,786	93%
Retirement information – to allow benefits to be paid on time.	326	90%	290	90%
Early leaver notification – within 30 days of leaving (or 10 days after last deduction if later).	938	93%	1,023	92%
Death in Service notification – within 7 days of death.	30	100%	19	100%
Year End Queries issued to employers, responses – within 14 days.	12	100%	13	100%

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Financial Performance

The Pension Fund budget is set annually and approved by Pensions Committee. The budget is set for controllable expenditure and therefore excludes benefit and transfer payments as well as contributions receivable and transfers into the fund.

The budget is monitored at each meeting of the Pensions Committee and performance against budget for 2019/20 is as follows.

Annual Budget	Annual budget £000	Year-end actual £000	Year-end variance £000
Staff costs (Pensions)	633	634	1
GMP	135	66	(69)
Computer and ICT	253	265	12
Postages, printing stationery	19	14	(5)
Pensions Admin Other	24	13	(11)
Other Central support recharges (no budget)	-	207	207
Administrative expenses	1,064	1,199	135
Actuarial Fees	50	35	(15)
Audit Fees	30	30	-
Central Support - Pensions Investment	146	147	1
Training	4	0	(4)
Subsistence and travel	1	1	-
Investment Consultant Fees	80	166	86
Performance Management Fees	23	24	1
Tax Legal Expenses	5	2	(3)
Oversight and governance	339	405	66
Investment expenses	334	198	(136)
Custodian Fees	85	94	9
Transaction costs	330	628	298
Fund Manager fees	7,100	5,855	(1,245)
Management fees	7,849	6,775	(1,074)
Overall total	9,252	8,379	(873)

The main variances between the budgeted and actual relate to the following.

Administrative expenses – overspend due to higher than budgeted computer costs but underspend on the Guaranteed Minimum Pension exercise.

Oversight and governance – overspend due to the Investment Advisor costs being higher than budget due to procurement costs for an absolute return fund manager.

Management fees - these are based on the market value of assets under management and with poor performance to quarter ended March 2020, fees were lower than anticipated resulting in an overall underspend. Transactions costs were higher than budgeted as the Property Manager provided transaction cost data which had not been provided in previous years, due to its unavailability.

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Contributions made to the Fund in 2019/20

During 2019/20, members and employers paid the following contributions.

	19/20 Employees contributions	19/20 Employers contributions	Total contributions
Scheduled Bodies	£000	£000	£000
The Highland Council	7,576	25,075	32,651
Comhairle Nan Eilean Siar	2,282	7,617	9,899
Highland & Western Isles Valuation Joint Board	88	266	354
Highlands of Scotland Tourist Board	18	217	235
HITRANS	30	66	96
Inverness College	309	870	1,179
Lews Castle College	77	230	307
The North Highland College	172	516	688
Scottish Fire & Rescue	107	342	449
Scottish Police Authority	327	987	1,314
Scottish Police Service Authority	36	87	123
Western Isles Tourist Board	-	-	-
Total Scheduled Bodies	11,022	36,273	47,295
Admitted Bodies			
An Comunn Gaidhealach	8	27	35
Bord Na Gaidhlig	48	137	185
Cromarty Firth Port Authority	114	283	397
Eden Court Theatre	15	190	205
Forth & Oban Limited	10	46	56
Hebridean Housing Partnership	91	261	352
Highland Blindcraft	18	60	78
Highland & Islands Enterprise (HIE)	59	385	444
Highlife Highland	950	3,133	4,083
Inverness Harbour Trust	9	51	60
Morrison FM	20	143	163
NHS Highland	959	2,475	3,434
Skills Development Scotland	42	465	507
Stornoway Port Authority	58	169	227
University of the Highlands & Islands	393	1,170	1,563
Sight Action	13	42	55
WIPRO Holdings (UK)	36	186	222
Total Admitted Bodies	2,843	9,223	12,066
Total	13,865	45,496	59,361

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Cashflow

The following table sets out the new inflows and outflows to the Fund in respect of dealing with members and does not include information on investments.

Pension Fund Account	2015/16	2016/17	2017/18	2018/19	2019/20
	£000	£000	£000	£000	£000
Contributions received	56,941	59,346	57,982	60,262	61,343
Pensions paid	(54,689)	(57,922)	(56,077)	(59,887)	(65,107)
Net cash flow	2,252	1,424	1,905	375	(3,764)

The above analysis of cash inflows and outflows shows that the Fund is in cashflow negative territory. This reflects the increasing maturity of the fund with increased number of deferred and pensioner members compared to active members.

All cashflow requirements are identified well in advance with pension fund cashflows being monitored as part of daily treasury activity. There has been no requirement to disinvest any assets as cash required has been readily available from the Fund Managers, such as distributions received back from the private equity and property debt investments. The cashflow position is monitored daily and reported regularly to the Investment Sub Committee.

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GOVERNANCE

Annual Governance Statement

Scope of responsibility

The Highland Council acts as Administering Authority for the Highland Council Pension Fund. The Council is responsible for ensuring that its business is conducted in accordance with the law and proper standards, and that public money is safeguarded, properly accounted for, and used economically, efficiently and effectively. The Council has a statutory duty to make arrangements to secure best value under the Local Government in Scotland Act 2003.

In discharging this overall responsibility, the Council is responsible for putting in place proper arrangements for the governance of its affairs and facilitating the effective exercise of its functions. This includes arrangements for the management of risk.

The Council has approved and adopted a Local Code of Corporate Governance, which is consistent with the principles of the CIPFA/SOLACE framework 'Delivering Good Governance in Local Government'. The Code is available on The Highland Council website. The authority's financial and management arrangements conform with the governance requirements of the CIPFA Statement on the role of the Chief Financial Officer in local government.

The Local Code of Corporate Governance evidences the Council's commitment to achieving good governance and demonstrates how it complies with the governance standards recommended by CIPFA. The document is regularly reviewed and updated.

The purpose of the governance framework

The governance framework comprises the systems and processes, and cultures and values, by which the Council is directed and controlled, and the activities used to engage with and lead the community. It enables the Council to monitor the achievement of its strategic objectives and to consider whether those objectives have led to the delivery of appropriate, cost effective services.

The system of internal control is a significant part of that framework and is designed to manage risk to an acceptable level, and provide reasonable, but not absolute, assurance that policies, aims and objectives can be delivered. The system of internal control is based on an ongoing process designed to identify and prioritise the risks being realised, and the impact should they be realised, and to manage them efficiently, effectively and economically.

The governance framework has been in place for the year ended 31 March 2020 and up to the date of approval of the Annual Accounts.

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The governance framework

The Local Code is based upon the following seven principles:

- 1. Focusing on the purpose of the Authority and on outcomes for the community and creating and implementing a vision for the local area.
- 2. Members and officers working together to achieve a common purpose with clearly defined functions and roles.
- 3. Promoting values for the Authority and demonstrating the values of good governance through upholding high standards of conduct and behaviour.
- 4. Taking informed and transparent decisions which are subject to effective scrutiny and managing risk.
- 5. Developing the capacity and capability of members and officers to be effective.
- 6. Engaging with local people and other stakeholders to ensure robust public accountability.
- 7. Implementing good practices in transparency, reporting and audit to deliver effective accountability.

The Pension Fund has a separate Governance Policy Statement which is one of several key documents it must hold, and this was updated to reflect the changes in governance arrangements as a result of the Local Government Pension Scheme (Governance) (Scotland) Regulations 2015. The updated Statement for 2019/20 was approved by Pensions Committee on 08/08/19.

https://www.highlandpensionfund.org/media/5451/governance-policyitem 5 pc 8 19.pdf

Review of effectiveness

The Highland Council has put in place appropriate management and reporting arrangements to enable it to satisfy itself that its approach to corporate governance is adequate and effective in practice. The Head of Corporate Governance has been given responsibility for:

- overseeing the implementation of the Local Code of Corporate Governance and monitoring its operation.
- reviewing the operation of the Local Code of Corporate Governance in practice.
- reporting annually to the Council on compliance with the Local Code and any changes required to maintain it and ensure its effectiveness.

In fulfilling these duties, the Head of Corporate Governance has taken into account the results of reviews of internal control that have been carried out by Internal Audit.

The Council's corporate governance arrangements are subject to annual review by Internal Audit and the work undertaken in respect of the Local Code during this year has not identified any control weaknesses in these arrangements.

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The Internal Audit Service operates in accordance with the Public Sector Internal Audit Standards (the Standards). Section 2450 of the Standards states that "the annual Internal Audit opinion must conclude on the overall adequacy and effectiveness of the organisation's framework of governance, risk management and control". In addition, the annual report must incorporate:

- the opinion;
- the summary of work that supports that opinion; and

• a statement on conformance with the Standards and the results of the quality assurance and improvement programme.

The Corporate Audit Manager's responsibilities in this regard will be discharged through the presentation of the Internal Audit Annual Report 2019/20 to a future meeting of the Audit and Scrutiny Committee.

A review of the adequacy and effectiveness of the systems of internal control for the financial year 2019/20 has not identified any control issues.

The seven Fund Managers and the Global Custodian each provide an annual assurance report (AAF 01/06/ ISAE 3402) which sets out the control procedures in place during the year, and includes an assessment, by an independent accountant, of the effectiveness of the systems of internal controls in operation throughout the period examined. These reports were obtained and reviewed, and it was confirmed that the appropriate assurances were provided by the independent accountants except for the following:

It was noted that three Fund Managers had outsourced some services to third party (sub-service) organisations. For two of these, the independent accountant used the "carve out" method by excluding the sub-service's control procedures from the scope of their work. However, they took assurance from the monitoring and contractual controls in place with third parties including the controls performed by one Fund Manager being checked by the independent accountant. For the third Fund Manager, this report did include review of the sub-service's controls and did not identify any areas of concern.

The 2019/20 Internal Audit plan comprised of the following:

- Review of the systems of internal control to inform the Fund's Annual Governance Statement and the Internal Audit Annual Report 2019/20.
- A review of Pension Fund Contributions. This work commenced in early March 2020, but limited testing was completed before the audit was disrupted and put on hold due to the Covid-19 pandemic. As a result, no audit conclusion can be reached at this time. Therefore, the audit opinion is based upon the review of the systems of internal control only.

Audit recommendations are action tracked to ensure that the management agreed actions have been satisfactorily implemented. There are no outstanding actions at present.

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On the basis of the work undertaken during the year, it is considered that the key systems operate in a sound manner and that there has been no fundamental breakdown in control resulting in material discrepancy. However, as no system of control can provide absolute assurance against material loss, nor can Internal Audit give that assurance, it is the audit opinion that reasonable assurance can be placed upon the adequacy and effectiveness of the Council's internal control systems for the year to 31 March 2020.

We have been advised on the implications of the result of the review of the effectiveness of the governance framework by the Audit and Scrutiny Committee and that the arrangements continue to be regarded as fit for purpose in accordance with the governance framework. Internal Audit commits to monitoring implementation of any future recommendations as part of the next annual review.

Donna Manson Chief Executive Richard Gale Chairman Pensions Committee

On behalf of the members and senior officers of the Highland Council

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Governance Compliance Statement

The Regulations that govern the management of LGPS funds in Scotland require that a Governance Compliance Statement is published. The Governance Compliance Statement sets out the extent to which governance arrangements comply with best practice. The following arrangements were in place for financial year 2019/20.

Principle	Fully Compliant and Comments		
Structure			
The management of the administration of benefits and strategic management of Fund assets clearly rests with the main committee established by the appointing Council.	Yes	The Highland Council as administering authority has delegated all pension scheme matters to the Pensions Committee. Meeting at the same time as the Committee, the Pensions Board assists the Committee in complying with Pensions Regulator requirements. In addition, a small Investment Sub Committee has been established to enhance the Council's management and investment of the assets of the Pension Fund in accordance with the respective objectives and strategies of the Fund.	
That representatives of participating LGPS employers, admitted bodies and scheme members (including pensioner and deferred members) are members of either the main or secondary committee established to underpin the work of the main committee.	Yes	The Pensions Committee has members representing other employers and two voting members representing scheme members. The Pensions Board has 4 trade union members and 4 employer representatives. The Investment Sub Committee has two non-voting members representing other employers.	
That where a secondary committee or panel has been established, the structure ensures effective communication across both levels.	Yes	The Pensions Committee and the Pensions Board meet concurrently. The minutes of the Investment Sub Committee are presented to the Pensions Committee and Board and there is significant commonality in the membership of the two committees.	
That where a secondary committee or panel has been established, at least one seat of the main committee is allocated for a member from the secondary committee or panel.	Yes	The minutes of the Investment Sub Committee are presented to the Pensions Committee and Board and there is significant commonality in the membership of the two committees.	
 That all key stakeholders are afforded the opportunity to be represented within the main or secondary committee structure. These include: Employing authorities (including nonscheme employers, e.g. admitted bodies). Scheme members (including deferred and pensioner scheme members). Where appropriate, independent professional observers. Expert advisors (on an ad-hoc basis). 	Yes	As stated above there are employer and employee representatives on both Pension Fund Committees and the Pension Board. The Fund's investment advisers regularly attend the Pension Investment Sub-Committee and the Fund's actuaries attend the Pension Committee and Board when appropriate. In addition, Fund Managers attend the Investment Sub Committee on a rotational basis.	

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Principle	Fully	Compliant and Comments
Representation		
That where lay members sit on a main or secondary committee, they are treated equally in terms of access to papers and meetings, training and are given full opportunity to contribute to the decision-making process, with or without voting rights.	Yes	All Pensions Committee and Board members are provided with training, as well as access to papers in advance of Committee meetings and have the opportunity to contribute to the decision-making process. There is a Pensions Board which is a bipartite body with an equal number of representatives from local government employers and relevant trade unions. There must be a minimum of 4 from each side.
Selection and Role of Lay Membe	ers	
That committee or panel members are made fully aware of the status, role and function that they are required to perform on either a main or secondary committee.	Yes	A comprehensive training programme including induction is in place. Training for Pension Committee, Pensions Board and Investment Sub Committee members includes presentations from investment managers, Custodian, actuary and investment advisors. Attendance at meetings and training is monitored and reported.
That at the start of any meeting, committee members are invited to declare any financial or pecuniary interest related to specific matters on the agenda.	Yes	The declaration of Member's interests is a standard item on the agenda of the Pension Fund Committee, Pension Board and Investment Sub Committee.
Voting		
The policy of individual administering authorities on voting rights is clear and transparent, including the justification for not extending voting rights to each body or group represented on main LGPS committees.	Yes	The policy on voting rights is clearly stated in the remits of the Pension Fund Committee, Board and Investment Sub Committee.
Training /Facility Time /Expenses	5	
That in relation to the way in which statutory and related decisions are taken by the administering authority, there is a clear policy on training, facility time and reimbursement of expenses in respect of members involved in the decision-making process.	Yes	There is a training, knowledge and skills policy in place which was approved by Pensions Committee in August 2019 which incorporates the CIPFA Local Pensions Boards Technical Knowledge and Skills framework, including the self-assessment matrix. This Policy also highlights the assessment and training resources provided by the Pensions Regulator and sets out a training programme for 2019/20.
		The training policy recognises the importance of ensuring that it has the necessary resources to discharge its pension administration responsibilities and that all staff and members charged with financial administration, governance and decision-making with regard to the pension scheme are fully equipped with the knowledge and skills to discharge the duties and responsibilities allocated to them.

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Principle	Fully	Compliant and Comments
That where such a policy exists it applies equally to all members of committees, sub-committees, advisory panels or any other form of secondary forum.	Yes	All members are treated equally under the training policy regardless of whether they have voting rights.
That the administering authority considers the adoption of annual training plans for committee members and maintains a log of all such training.	Yes	Members receive training each year and this is monitored and reported.
Meeting Frequency		
That an administering authority's main committee or committees meet at least quarterly.	No	The Pensions Committee and Board meet twice a year with the option to hold special meetings as necessary.
That an administering authority's secondary committee or panel meet at least twice a year and is synchronised with the dates when the main committees sits.	Yes	The Investment Sub Committee meets at least four times a year with the option to hold special meetings as necessary. The Investment Sub- Committee meetings will be timed so minutes can be presented to the Pensions Committee and Board.
That an administering authority which does not include lay members in their formal governance arrangements must provide a forum outside of those arrangements by which the interests of key stakeholders can be represented.	N/A	There is a Scheme Members' representative on the Pensions Committee. The Pensions Board has an equal number of representatives from local government employers and relevant trade unions.
Access	•	
That subject to any rules in the council's constitution, all members of main and secondary committees or panels have equal access to committee papers, documents and advice that falls to be considered at meetings of the main committee.	Yes	All Members of the Pension Fund committees, Board and Investment Sub Committee have full access to agendas, reports and minutes.
Scope		
That administering authorities have taken steps to bring wider scheme issues within the scope of their governance arrangements.	Yes	The Pension Committee has an overview of investment, funding and member benefit matters. The Pensions Board assists the Committee with securing compliance with pension legislation and regulations.
Publicity		
That administering authorities have published details of their governance arrangements in such a way that stakeholders with an interest in the way in which the scheme is governed, can express interest in wanting to be part of those arrangements.	Yes	The Highland Council publishes governance documents and communicates regularly with employers and scheme members. <u>http://www.highlandpensionfund.org/highland-</u> <u>pension-fund/about-us/forms-and-publications/</u>

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Statement of Responsibilities

The Authority's Responsibilities

The Highland Council, as the administering authority for the Highland Council Pension Fund, is required to:

- Make arrangements for the proper administration of its financial affairs and to secure that the proper officer of the authority has responsibility for the administration of those affairs (section 95 of the Local Government (Scotland) Act 1973). In this authority that officer is the Executive Chief Officer, Resources and Finance.
- Manage its affairs, to secure economic, efficient and effective use of resources and safeguard its assets.
- Ensure that Annual Accounts are prepared in accordance with legislation (The Local Authority Accounts (Scotland) Regulations 2014), and so far as is compatible with that legislation in accordance with proper accounting practices (section 12 of the Local Government in Scotland Act 2003).
- Approve the Annual Accounts for signature.

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The Responsibilities of the Executive Chief Officer, Resources and Finance

The Executive Chief Officer, Resources and Finance is responsible for the preparation of the Pension Fund's statement of accounts in accordance with proper practices as set out in the CIPFA/ LASAAC Code of Practice on Local Authority Accounting in the United Kingdom (the Accounting Code).

In preparing this statement of accounts, the Executive Chief Officer, Resources and Finance has:

- selected suitable accounting policies and applied them consistently
- made judgements and estimates that were reasonable and prudent
- complied with legislation
- complied with the local authority Accounting Code (in so far as it is compatible with legislation)

The Executive Chief Officer, Resources and Finance has also:

- kept adequate accounting records which are up to date
- taken reasonable steps for the prevention and detection of fraud and other irregularities.

I, the Executive Chief Officer, Resources and Finance as Chief Finance Officer certify that the financial statements give a true and fair view of the financial transactions of the Fund for the year ended 31 March 2020.

Liz Denovan CPFA Executive Chief Officer, Resources and Finance

25 June 2020

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Independent Auditor's Report

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FINANCIAL STATEMENTS

Pension Fund Account

This statement shows a summary of the income and expenditure that the Pension Fund has generated and incurred in delivering the Local Government Pension Scheme. Included is the income generated from employer and employees' contributions and investment income, as well as the cost of providing benefits and administration of the Fund.

2018/19 £000	Dealings with members, employers and others directly involved in the scheme	Notes	2019/20 £000
58,407	Contributions receivable	8	59,361
1,855	Individual Transfers in from other pension funds		1,982
60,262			61,343
(57,286)	Benefits payable	9	(63,278)
(2,601)	Payments to and on account of leavers	10	(1,829)
(59,887)			(65,107)
375	Net additions/(reductions) from dealings with members		(3,764)
(9,401)	Management expenses	11	(8,379)
(9,026)	Net additions/(withdrawals) including fund management expenses		(12,143)
	Returns on Investments		
40,174	Investment income	12	39,924
(832)	Taxes on income from equities		(963)
84,835	Profit and losses on disposal of investments and changes in values of investments	13.1	(133,493)
124,177	Net Return on Investments		(94,532)
115,151	Net increase/(decrease) in the net assets available for benefits during the year		(106,675)
1,883,811	Opening net assets as at the start of the year		1,998,962
1,998,962	Closing net assets as at the end of the year		1,892,287

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Net Assets Statement as at 31 March 2020

The Net Assets Statement sets out the value, as at the Statement date, of all assets and liabilities of the Fund.

As at 31/03/19 £000		Notes	As at 31/03/20 £000
1,955,781	Investment assets		1,847,617
(15,176)	Investment liabilities		(13,554)
1,940,605		13.1	1,834,063
43,401	Cash deposits		46,083
6,475	Investment income due		6,366
90	Amounts receivable for sales		598
-	Amounts payable for purchases		(1,855)
1,990,571	Total net investment assets		1,885,255
353	Long term assets Long term debtors	23	472
	Current assets		
8,230	Short term debtors		6,561
3,897	Bank accounts		3,060
12,127		22	9,621
	Less current liabilities		
(4,089)	Sundry creditors	24	(3,061)
8,038	Net current assets		6,560
1,998,962	Closing net assets as at the end of the year available to fund benefits at the period end ¹		1,892,287

Liz Denovan CPFA Executive Chief Officer, Resources and Finance 25 June 2020

¹ 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 17.

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Notes to Accounts

Accounting Policies

1. Description of Fund

The Highland Council is the administering authority of the Highland Council Pension Fund ("the Fund") and is the reporting entity for the Fund.

General

The Fund is part of the national Local Government Pension Scheme (LGPS) and is a contributory defined benefit pension scheme. The LGPS was set up by the UK Government to provide retirement and death benefits for local government employees, and those employed in similar or related bodies, across the whole of the UK.

The Fund is constituted under legislation governing the Local Government Superannuation Scheme. The primary Act of governance is the Superannuation Act 1972. Detailed regulations for the Scheme are contained in the Local Government Pension Scheme (Scotland) Regulations 1998, the Local Government Pension Scheme (Management & Investment of Funds) Regulations 2010, the Local Government Pension Scheme (Transitional Provisions and Saving) (Scotland) Regulations 2014, the Local Government Pension Scheme (Governance) (Scotland) Regulations 2015 and the Local Government Pension Scheme (Scotland) Regulations 2018.

The Administering Authority (The Highland Council) runs The Highland Council Pension Fund, to make sure the Fund achieves the following objectives:

 Receives the proper amount of contributions from employees and employers, and any transfer payments;

The Fund is built up by contributions from both employees and employers, together with interest and dividends from investments, out of which defined pensions and other benefits are paid.

Employees' contributions to the Fund are fixed by statute and contributions payable by employers are fixed every three years following a report by an independent actuary who determines the level of contribution necessary to ensure that the Fund will be able to meet future benefits.

• Invests the contributions appropriately, with the aim that the Fund's assets grow over time with investment income and capital growth.

The Fund's assets are managed by appointed Investment Fund Managers. Once the cost of current benefits is met all surplus cash income is invested to meet future liabilities to employees within the Fund and deferred pension benefits.

 Uses the assets to pay Fund benefits to the members (as and when they retire, for the rest of their lives) and to their dependents (as and when members die), as defined in the LGPS Regulations (pre-1 April 2014 pensions benefits payable were based on final pensionable pay and length of pensionable service. After 1 April the scheme became a career average scheme whereby members accrue benefits based

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on their pensionable pay in that year at an accrual rate of 1/49th which is updated annually in line with the Consumer Price Index). Assets are also used to pay transfer values and administration costs.

2. Basis of Preparation

The Pension Fund Accounts have been prepared in accordance with the Code of Practice on Local Authority Accounting in the United Kingdom 2019/20 which is based upon International 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 the promised retirement benefits, valued on an International Accounting Standard (IAS) 19 basis is disclosed at Note 17 of these accounts.

3. Summary of Significant Accounting Policies

Fund account – revenue recognition

a. Contribution income

Normal contributions, both from the members and from the employer, are accounted for on an accruals basis at the percentage rate recommended by the Fund actuary in the payroll period to which they relate.

Employer deficit funding contributions are accounted for on the due dates on which they are payable under the schedule of contributions set by the scheme actuary or on receipt if earlier than the due date.

Employers' augmentation contributions and pension strain contributions are accounted for in the period in which the liability arises. Any amount due in year but unpaid will be classed as a current asset (sundry debtor). Amounts not due until future years are classed as long-term financial assets (long term debtors).

b. Transfer to and from other schemes

Transfer values represent the amounts received and paid during the year for members who have either joined or left the Fund during the financial year and are calculated in accordance with the Local Government Pension Scheme Regulations 2013.

Individual transfers in/out are accounted for when received/paid, which is normally when the member liability is accepted or discharged.

Transfers in from members wishing to use the proceeds of their additional voluntary contributions (see paragraph m) to purchase scheme benefits are accounted for on a receipts basis and are included in Transfers in. Bulk (group) transfers are accounted for on an accruals basis in accordance with the terms of the transfer agreement.

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c. Investment income

i) Interest 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, transactions 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.

ii) Dividend income

Dividend 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 due.

iii) Distributions from pooled funds

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 investment income due.

iv) Property-related income

The Fund does not invest directly in property. All property investments are on a 'fund of funds' basis.

v) Movement in the net market value of investments

Changes in the net market value of investments are recognised as income and comprise all realised and unrealised profits/losses during the year.

vi) Stock lending income

Income from stock lending is recognised when the deal has been agreed to lend stock and any amount not received by the end of the reporting period is disclosed in the net assets statement as investment income due.

Fund account – expense items

d. 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 (sundry creditors).

e. Taxation

The Fund is a registered public service scheme under section 1(1) of Schedule 36 of the Finance Act 2004 and as such is exempt from UK income tax on interest received and from capital gains tax on the proceeds of investments sold. Income from overseas investments suffers withholding tax in the country of origin, unless exemption is permitted. Irrecoverable tax is accounted for as a Fund expense at year end.

f. Management expenses

The Code does not require any breakdown of pension fund administrative expenses. However, in the interests of greater transparency, the Fund discloses its pension Fund management expenses in accordance with the CIPFA guidance, Accounting for Local

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Government Pension Scheme Management Costs (2016).

• Administrative expenses

All administrative expenses are accounted for on an accruals basis. All pension administration team costs are charged to the Fund. Associated management, accommodation and other overheads are apportioned to this activity and charged as expenses to the Fund.

• Oversight and governance costs

All oversight and governance expenses are accounted for on an accruals basis. All staff costs associated with governance and oversight are charged to the Fund. Associated management, accommodation and other overheads are apportioned to this activity and charged as expenses to the Fund.

Investment management expenses

All investment management expenses are accounted for on an accruals basis.

Investment management fees charged by the external Fund Managers and the Fund Custodian are agreed in the respective mandates governing their appointments. Broadly, 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 advance of preparing the year end accounts a request was made to all Fund Managers, the Fund Custodian and the Fund Advisors for their fee invoice to the end of March 2020 or an estimated fee for accrual purposes.

A proportion of the Council's costs representing management time spent by officers on investment management are also charged to the Fund.

For private equity fees and property debt fees, the relevant Fund Managers provided information on fees to the end of March 2020 or a basis for estimating these fees.

Net Assets Statement

g. Financial assets

Financial assets are included in the net assets statement on a fair value basis as at the reporting date. A financial asset is recognised in the net assets statement on the date the Fund becomes party to the contractual acquisition of the asset. From this date any gains or losses arising from changes in the fair value of the asset are recognised in the Fund account.

The values of investments as shown in the net assets statement have been determined at fair value in accordance with the requirements of the Code and IFRS 13 (see Note 13.1). For the purposes of disclosing levels of fair value hierarchy, the Fund has adopted the classification guidelines recommended in Practical Guidance on Investment Disclosures (PRAG/Investment Association 2016).

h. Foreign currency transactions

Dividends, interest and purchases and sales of investments in foreign currencies have been accounted for at the spot market rates 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

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the end of the reporting period.

i. Derivatives

The Fund uses derivative financial instruments to manage its exposure to specific risks arising from its investment activities. The Fund does not hold derivatives for speculative purposes (see Note 13.7).

j. Cash and cash equivalents

Cash comprises cash in hand and demand deposits and includes amounts held by the Fund's external managers. 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.

k. Financial liabilities

The Fund recognises financial liabilities at fair value as at the reporting date. A financial liability is recognised in the net asset statement on the date the Fund becomes party to the liability. From this date any gains or losses arising from changes in the fair value of the liability are recognised by the Fund.

I. Actuarial present value of promised retirement benefits

The actuarial present value of promised retirement benefits is assessed on a triennial basis by the scheme actuary in accordance with the requirements of IAS 19 and relevant actuarial standards.

As permitted under the Code, the Fund has opted to disclose the actuarial present value of the promised retirement benefits by way of a note to the Net Assets Statement (Note 17). The Fund's actuary has provided an updated calculation of the Actuarial present value of promised retirement benefits which includes an allowance for the McCloud ruling i.e. an estimate of the potential increase in past service benefits arising from this case affecting public service pension schemes (Note 17).

m. Additional voluntary contributions

The Highland Council Pension Fund provides an additional voluntary contributions (AVC) scheme for its members, the assets of which are invested separately from those of the Fund. The Fund has appointed Prudential as its AVC provider. AVCs are paid to the AVC provider by employers and are specifically for providing additional benefits for individual contributors. Each AVC contributor receives an annual statement showing the amount held in their account and the movements in the year.

AVCs are not included in the accounts in accordance with Regulation 4(1)(b) of the Local Government Pension Scheme (Management and Investment of Funds) Regulations 2016 but are disclosed as a note only (Note 18).

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n. Contingent assets and contingent liabilities

A contingent liability arises when an event has taken place prior to the year-end giving rise to a possible financial obligation whose existence will only be confirmed or otherwise by the occurrence of future events. Contingent liabilities can also arise in circumstances where a provision would be made, except that it is not possible at the balance sheet date to measure the value of the financial obligation reliably.

A contingent asset arises where an event has taken place giving rise to a possible asset whose existence will only be confirmed or otherwise by the occurrence of future events.

Contingent assets and liabilities are not recognised in the net assets statement but are disclosed by way of narrative in the notes.

o. Prior year adjustments

Changes in accounting policies are only made when required by proper accounting practices or the change provides more reliable or relevant information about the effect of transactions, other events and conditions on the Fund's financial position or financial performance. Where a change is made, it is applied retrospectively by adjusting opening balances and comparative amounts for the prior period as if the new policy had always been applied.

Changes in accounting estimates are accounted for prospectively, i.e. in the current and future years affected by the change and do not give rise to a prior period adjustment.

Material errors discovered in prior period figures are corrected retrospectively by amending opening balances and comparative amounts for the prior period.

4. Accounting Standards Issued but Not Yet Adopted

The following accounting standards will be adopted within the 2020/21 Code effective from 1 April 2020. There is therefore no impact on the 2019/20 financial statements.

- Amendments to IAS 28 Investments in Associates and Joint Ventures: Long-term Interests in Associates and Joint Ventures (clarification that the exclusion in IFRS 9 applies only to interests a company accounts for using the equity method)
- Annual improvements to IFRS Standards 2015-2017 cycle
 - IFRS 3 Business Combinations (A company remeasures its previously held interest in a joint operation when it obtains control of the business.)
 - IFRS 11 Joint Operations (A company does not remeasure its previously held interest in a joint operation when it obtains joint control of the business.)
 - IAS 12 Income Taxes (A company accounts for all income tax consequences of dividend payments in the same way.)
 - IAS 23 Borrowing Costs (A company treats as part of general borrowings any borrowing originally made to develop an asset when the asset is ready for its intended use or sale.)
- Amendments to IAS 19 Employee Benefits: Plan Amendment, Curtailment or Settlement. (If a plan amendment, curtailment or settlement occurs, it is now

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mandatory that the current service cost and the net interest for the period after the remeasurement are determined using the assumptions used for the remeasurement) Changes arising from the adoption of these standards are not expected to have any impact on the Pension Fund balance.

5. Critical Judgements in Applying Accounting Policies

Unquoted private equity investments

It is important to recognise the highly subjective nature of determining the fair value of private equity investments. They are inherently based on forward-looking estimates and judgements involving many factors. Unquoted private equities are valued by the investment managers using guidelines set out by the British Venture Capital Association. The value of unquoted private equities at 31 March 2020 was £99.5m (£102.6m as at 31 March 2019).

Partners Group issued special reports in March 2020 to highlight that they recognised their duty to use

Unquoted property debt investment

The unquoted holdings in property debt (commercial real estate loans) have been included at fair value. The value of unquoted property debt at 31 March 2020 is £55.0m (£55.0m as at 31 March 2019).

Pension fund liability

The net pension fund liability is recalculated every three years by the appointed actuary, with annual updates in the intervening year. The methodology used is in line with accepted guidelines.

The estimate is subject to significant variances based on changes to the underlying assumptions which are agreed with the actuary and have been summarised in Note 17.

These actuarial revaluations are used to set future contribution rates and underpin the Fund's most significant investment management policies, for example in terms of the balance struck between longer term investment growth and short-term yield/return.

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

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

The items in the Financial Statements at 31 March 2020 for which there is a significant risk of material adjustment in the forthcoming financial year are as follows:

ltem	Uncertainties	Effect if actual results differ from assumptions
Actuarial present value of promised retirement benefits	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. 0.5% p.a. increase in the pension increase rate would result in an increase of approximately 8% to liabilities (£188m). 0.5% p.a. increase in salary rate would result in an increase of approximately 2% to liabilities (£43m). 0.5% p.a. decrease in the discount rate assumption would result in an increase of approximately 10% to liabilities (£234m). 1-year increase in member life expectancy would result in an increase of 3-5%.
Private equity	Private equity investments are valued at fair value in accordance with International Private Equity and Venture Capital Valuation guidelines (2012). These investments are not publicly listed and as such there is a degree of estimation involved in the valuation. The impact of Covid-19 reduced the value of these investments as at 31 March 2020 considerably.	The total private equity investments in the financial statements are £99.5m. There is a risk that this investment may be under or overstated in the accounts. For example, a potential market movement of 25.0% up or down could result in an increase in value to £124.3m or decrease to £74.6m.
Property Debt	Investment is valued by the Fund Manager using critical accounting estimates and judgements from the fund's financial statement. These investments are not publicly listed and as such there is a degree of estimation involved in the valuation.	The total property debt investments in the financial statements are £55.0m. There is a risk that this investment may be under or overstated in the accounts. For example, a potential market movement of 7.5% up or down could result in an increase in value to £59.1m or decrease to £50.8m.

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Property	Valuation techniques are based on observable data. However, in the quarter to 31 March 2020, many real estate managers temporarily suspended dealing of their funds over the quarter because of valuers applying material uncertainty clauses to the underlying funds in the portfolio. The clauses have been added as valuers can no longer rely on previous market experience to accurately price the underlying assets. As such, Schroders (Fund's property fund manager) have advised that it will be difficult to assess the true impact of performance against the benchmark over the quarter. The valuations issued by Schroder on the underlying UK funds in the Fund's portfolio at March quarter end were all issued with "material valuation uncertainty clauses" in place.	The total property investments in the financial statements are £180.2m. There is a risk that this investment may be under or overstated in the accounts. For example, a potential market movement of 12.5% up or down could result in an increase in value to £202.7m or decrease to £157.7m.
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7. Events after the Reporting Date

The unaudited statement of accounts was issued on 25 June 2020. Events taking place after this date are not reflected in the accounts or notes. There have been no events since 31 March 2020 and up to the date these accounts were authorised on 25 June 2020 that require any adjustment to these accounts.

8. Contributions Receivable

By category	2018/19	2019/20
	£000	£000
Employees' pension contributions	13,378	13,865
Employers' pension contributions	45,029	45,496
Total contributions	58,407	59,361

As a result of the 2017 valuation, the primary contribution rate (future service contributions) for the whole Fund of 17.8% of pay for payroll contributions was set by the Actuary for the period 1 April 2019 to 31 March 2021 in the Triennial Actuarial Valuation report 2017. In addition to this, the secondary rate (past service contributions) for 2019/20 is £4.108m (page 10 of 2017 Actuarial Valuation). The 2017 valuation is complete and applies to contributions from 1 April 2018.

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Analysis of Contributions by Authority

		2019/20)	
	Highland Council	Scheduled Bodies	Admitted Bodies	Totals
	£000	£000	£000	£000
Normal contribution	22,232	10,089	7,890	40,211
Deficit funding	2,540	972	1,210	4,722
	24,772	11,061	9,100	44,933
Strain on Fund	303	137	123	563
Employer's contributions	25,075	11,198	9,223	45,496
Members' pension contributions	7,576	3,446	2,843	13,865
Total contributions	32,651	14,644	12,066	59,361
		2018/19)	
	Highland Council	2018/19 Scheduled Bodies) Admitted Bodies	Totals
	•	Scheduled	Admitted	Totals £000
Normal contribution	Council	Scheduled Bodies	Admitted Bodies	
Normal contribution Deficit funding	Council £000	Scheduled Bodies £000	Admitted Bodies £000	£000
	Council £000 21,512	Scheduled Bodies £000 9,471	Admitted Bodies £000 9,026	£000 40,009
	Council £000 21,512 2,458	Scheduled Bodies £000 9,471 935	Admitted Bodies £000 9,026 1,334	£000 40,009 4,727
Deficit funding	Council £000 21,512 2,458 23,970	Scheduled Bodies £000 9,471 935 10,406	Admitted Bodies £000 9,026 1,334 10,360	£000 40,009 4,727 44,736
Deficit funding Strain on Fund	Council £000 21,512 2,458 23,970 42	Scheduled Bodies £000 9,471 935 10,406 208	Admitted Bodies £000 9,026 1,334 10,360 43	£000 40,009 4,727 44,736 293

Number of Contributors and Pensioners

2019/20	Contributors	Pensioners	Deferred Pensioners	Total
Highland Council	7,518	7,341	5,800	20,659
Scheduled Bodies	3,070	2,191	2,178	7,439
Admitted Bodies	2,232	1,015	1,040	4,287
Total	12,820	10,547	9,018	32,385
2018/19				
Highland Council	7,330	7,047	5,821	20,198
Scheduled Bodies	2,957	2,089	2,134	7,180
Admitted Bodies	2,312	899	1,020	4,231
Total	12,599	10,035	8,975	31,609

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9. Benefits Payable

By category	2018/19	2019/20
	£000	£000
Pensions	(45,352)	(47,860)
Lump sum retirement benefits	(9,717)	(12,908)
Lump sum death benefits	(2,217)	(2,510)
	(57,286)	(63,278)
By authority		
Highland Council	(38,798)	(41,743)
Scheduled Bodies	(11,854)	(13,134)
Admitted Bodies	(6,634)	(8,401)
	(57,286)	(63,278)
10. Payments to and on Account of Leavers		
	2018/19	2019/20
	£000	£000
Refunds to members leaving service	(213)	(231)
Payments for members joining state scheme	-	(31)
Individual transfers	(2,388)	(1,567)
	(2,601)	(1,829)

At the year-end there are no potential liabilities in respect of individuals transferring out of the Fund upon whom the Fund is awaiting final decisions.

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11. Management Expenses

	2018/19	2019/20
	£000	£000
Administrative costs	(1,241)	(1,199)
Investment Management expenses	(7,832)	(6,775)
Oversight and Governance costs	(328)	(405)
	(9,401)	(8,379)
Analysis of Management Expenses		
Administrative Costs	2018/19 £000	2019/20 £000
Administrative costs	(182)	(172)
Employee costs	(1,049)	(996)
Other administration	(10)	(31)
Total administrative costs	(1,241)	(1,199)
Investment Management Expenses		
External management fees invoiced	2018/19 £000	2019/20 £000
Unitised insurance policies	(116)	(179)
Equities	(3,121)	(3,340)
Bonds	(260)	(274)
Property	(395)	(403)
	(3,892)	(4,196)
External management fees deducted from capital		
Private equity	(2,012)	(1,466)
Property debt	(192)	(193)
Performance fees (private equity)	(978)	-
	(3,182)	(1,659)
Transaction costs*	(327)	(628)
Custodian fees	(96)	(94)
Investment expenses	(335)	(198)
Total investment management expenses	(7,832)	(6,775)

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*Transaction costs are brokers' charges and other costs incurred on the purchase and sale of equities (non-pooled), property and private equity. The transaction costs on purchases were £0.296m and sales were £0.064m, £0.132m for property transactions and £0.136m for private equity transactions for 2019/20 (2018/19 transaction costs on purchases were £0.277m and sales were £0.050m and property transaction costs were not available the previous year). Any indirect costs incurred through the bid-offer spread on some pooled investment vehicles are reflected in the cost of investment acquisitions or in the proceeds of investment sales.

Oversight and Governance costs	2018/19 £000	2019/20 £000
Actuarial fees	(46)	(35)
External Audit fees	(30)	(30)
Internal Audit fees	(12)	(3)
Investment advisor fees	(80)	(166)
Tax advisor fees	-	(2)
Performance management	(24)	(24)
Employee costs	(117)	(126)
Sundry costs	(19)	(19)
Total oversight and governance costs	(328)	(405)
Total Management Expenses	(9,401)	(8,379)
12. Analysis of Investment Income		
	2018/19	2019/20
	£000	£000
Income from equities	26,354	27,201
Income from pooled investments (unit trusts and other managed funds)	4,266	4,647
Pooled property investments	6,153	6,813
Interest on cash deposits	754	340
Private equity income	2,186	571
Stock lending and other income	461	352

40,174

39,924

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13. Investment Assets

13.1. Reconciliation of Movements in Investments and Derivatives

2019/20 Classifications	Market value 1 Apr 19	Purchases at cost derivative payments	Sales proceeds derivative receipts	Change in market value	Market value 31 Mar 20
	£000	£000	£000	£000	£000
Investment assets					
Equities	962,327	138,988	(117,573)	(110,907)	872,835
Pooled investments					
Unitised ins policies (equities)	331,102	-	(62,075)	(24,150)	244,877
Unitised ins policies (bonds)	78,940	-	-	(5,999)	72,941
Unitised ins policies (cash)	-	62,075	-	-	62,075
Unit trusts (equities)	12,577	862	(4)	(2,485)	10,950
Unit trusts (bonds)	222,598	13,285	(9,024)	3,756	230,615
Unit trusts (property)	184,234	10,156	(7,597)	(6,607)	180,186
Venture capital and partnerships					
Private equity	102,558	14,251	(14,504)	(2,758)	99,547
Property debt	55,000	-	(1,546)	1,546	55,000
Currency forwards	-	-	-	646	646
Equity options	6,445	-	-	11,500	17,945
Total Investment assets	1,955,781	239,617	(212,323)	(135,458)	1,847,617
Investment liabilities					
Currency forwards	(960)	-	-	(1,309)	(2,269)
Equity options	(14,216)	-	-	2,931	(11,285)
Total investment liabilities	(15,176)	-	-	1,622	(13,554)
Net investment assets	1,940,605	239,617	(212,323)	(133,836)	1,834,063
Other investment balances					
Cash deposits	43,401	-	-	343	46,083
Investment income due	6,475	-	-	-	6,366
Amounts receivable for sales	90	-	-	-	598
Amounts payable for purchases	-	-	-	-	(1,855)
Total net investment assets	1,990,571	-	-	(133,493)	1,885,255

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2018/19 Classifications	Market value 1 Apr 18	Purchases at cost derivative payments	Sales proceeds derivative receipts	Change in market value	Market value 31 Mar 19
Investment accets	£000	£000	£000	£000	£000
Investment assets	077 000	404.000	(400,440)		000 007
Equities	877,608	131,260	(102,119)	55,578	962,327
Pooled investments	044 000		(5,000)	05 000	004 400
Unitised ins policies (equities)	311,039	-	(5,000)	25,063	331,102
Unitised ins policies (bonds)	83,031	-	-	(4,091)	78,940
Unit trusts (equities)	13,639	191	-	(1,253)	12,577
Unit trusts (bonds)	214,472	7,241	(2,796)	3,681	222,598
Unit trusts (property)	184,779	4,626	(10,945)	5,774	184,234
Venture capital and partnerships					
Private equity	83,292	21,348	(9,455)	7,373	102,558
Property debt	55,000	-	(1,486)	1,486	55,000
Currency forwards	1,123	-	-	(1,123)	-
Equity options	-	-	-	6,445	6,445
Total Investment assets	1,823,983	164,666	(131,801)	98,933	1,955,781
Investment liabilities					
Currency forwards	-	2,870	(3,875)	45	(960)
Equity options	-	-	-	(14,216)	(14,216)
Total investment liabilities	-	2,870	(3,875)	(14,171)	(15,176)
Net investment assets	1,823,983	167,536	(135,676)	84,762	1,940,605
Other investment balances					
Cash deposits	44,359	-	-	73	43,401
Investment income due	5,316	-	-	-	6,475
Amounts receivable for sales	644	-	-	-	90
Amounts payable for purchases	(735)	-	-	-	-
Total net investment assets	1,873,567	-	-	84,835	1,990,571
	.,0.0,007			01,000	.,,

The change in market value of investments during the year comprises of all increases and decreases in the market value of investments held at any time during the year, including profits and losses realised on sales of investments during the year.

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13.2. Analysis of Investments

2018/19		Portfolio Distribution 2019/20 UK & overseas		9/20
UK	Overseas		UK	Overseas
£000	£000	Investment assets	£000	£000
379,798	582,529	Equities	303,936	568,899
		Pooled investments		
96,870	234,232	Unitised insurance policies (equities)	61,006	183,871
78,940	-	Unitised insurance policies (bonds)	72,941	-
-	-	Unitised insurance policies (cash)	62,075	-
12,577	-	Unit trust (equities)	10,950	-
182,530	40,068	Unit trust (bonds)	194,224	36,391
183,121	1,113	Unit trust (property)	179,893	293
		Venture capital and partnerships		
-	102,558	Private equity	-	99,547
55,000	-	Property debt	55,000	-
-	-	Currency forwards	-	646
2,220	4,225	Equity options	8,158	9,787
		Investment liabilities		
-	(960)	Currency forwards	-	(2,269)
(4,820)	(9,396)	Equity options	(3,945)	(7,340)
		Other investment liabilities		
43,179	222	Cash deposits	41,088	4,995
2,622	3,853	Investment income due	1,731	4,635
-	90	Amounts receivable for sales	-	598
-	-	Amounts payable for purchases	-	(1,855)
1,032,037	958,534	Net total	987,057	898,198
	1,990,571	· · · · · · · · · · · · · · · · · · ·		1,885,255

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2018	8/19	Portfolio Distribution (Quoted / Unquoted)	201	9/20
Quoted	Unquoted		Quoted	Unquoted
£000	£000	Investment assets	£000	£000
962,327	-	Equities	872,835	-
		Pooled investments		
331,102	-	Unitised insurance policies (equities)	244,877	-
78,940	-	Unitised insurance policies (bonds)	72,941	-
-	-	Unitised insurance policies (cash)	62,075	-
12,577	-	Unit trust (equities)	10,950	-
222,598	-	Unit trust (bonds)	230,615	-
-	184,234	Unit trust (property)	-	180,186
		Venture capital and partnerships		
-	102,558	Private equity	-	99,547
-	55,000	Property debt	-	55,000
-	43,401	Cash deposits	-	46,083
6,475	-	Investment income due	6,366	-
90	-	Amounts receivable for sales	598	-
-	-	Currency forwards	646	-
6,445	-	Equity options	17,945	-
		Investment liabilities		
(960)	-	Currency forwards	(2,269)	-
(14,216)	-	Equity options	(11,285)	-
-	-	Amounts payable for purchases	(1,855)	-
1,605,378	385,193	Net total	1,504,439	380,816
	1,990,571	-		1,885,255

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13.3. Investments Analysed by Fund Manager

The market value of the assets which were under the management of fund managers and the proportion managed by each manager are below.

2018/19			2019/2	20
Market Value £000	% of Fund	Manager Analysis	Market Value £000	% of Fund
737,048	37.0	Baillie Gifford (UK and global equity)	663,989	35.2
269,159	13.5	Pyrford (global equity)	244,883	13.0
223,957	11.3	Fidelity (bonds and gilts)	232,207	12.3
402,271	20.2	Legal and General (unitised insurance - equity, bonds and cash)	386,553	20.5
196,741	9.9	Schroders (property fund)	195,092	10.3
106,031	5.3	Partners Group (private equity)	106,831	5.7
55,364	2.8	Standard Life Investments	55,700	3.0
1,990,571	100.0	Combined Fund	1,885,255	100.0

13.4. Top 10 Equity Holdings by Market Value

Holding at 31 March 2020	Market Value £000	% of Total Equity Investments	Classification
Prudential	20,043	1.58	Insurance
Amazon	14,322	1.13	Consumer
Unilever	12,986	1.02	Consumer
BHP Billiton Plc	12,904	1.02	Mining
British American Tobacco	12,644	0.99	Tobacco
Diageo	12,464	0.98	Beverages
AIA Group	11,461	0.91	Insurance
Alibaba	11,434	0.90	Consumer
Rio Tinto	11,417	0.90	Mining
Naspers	10,917	0.86	Media
Total	130,592	10.29	

13.5. Holdings Exceeding 5% by Total Net Assets

The Fund holds the following investments that exceed 5% of the net assets available for benefits.

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Fund Manager & Category	Market Value at 31 March 2019	% of total net assets	Market Value at 31 March 2020	% of total net assets
	£000	%	£000	%
Fidelity (Institutional UK Aggregated Bond)	111,258	5.6	114,388	6.0
Total net assets available for benefits	1,998,962		1,892,962	

13.6. Stock Lending

The Fund's investment strategy sets parameters for the Fund's stock-lending programme.

At the year-end, the value of quoted equities on loan was $\pounds 110.457m$ (31 March 2019 - $\pounds 152.088m$). These equities continue to be recognised in the Fund's financial statements.

Counterparty risk is managed through holding collateral at the Fund's custodian bank. At the year end, the Fund held collateral (via the custodian) at fair value of £119.005m (31 March 2019 - £162.162m) representing 107.7% of stock lent. Collateral consists of acceptable securities and government debt.

Stock Lending commissions are remitted to the Fund via the custodian. During the period the stock is on loan, the voting rights of the loaned stock pass to the borrower.

The income from stock lending in 2019/20 was £0.179m (2018/19 £0.245m) which is included in investment income in the Pension Fund account and is part of the "Stock lending and other income" in Note 12 Analysis of Investment Income £0.352m (2018/19 £0.461m).

There are no liabilities associated with the loaned assets.

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13.7 Analysis of Derivatives

Objectives and policies for holding derivatives

Most of the holding in derivatives is to hedge liabilities or hedge exposures to reduce risk in the Fund. Derivatives may be used to gain exposure to an asset more efficiently than holding the underlying asset.

The use of derivatives is managed in line with the investment management agreements in place between the Fund and the various investment managers. The derivatives that the Fund uses are forward foreign currency (currency forwards) and options. In December 2018, options were purchased to minimise the risk of loss of value through adverse equity price movements until December 2021.

Forward foreign currency (currency forwards)

To maintain appropriate diversification and to take advantage of overseas investment returns, a significant proportion of the Fund's quoted equity portfolio is in overseas stock. The Investment Managers Pyrford International and Baillie Gifford hold short term currency forwards for the Fund. The use of these forward foreign currency contracts is in line with the investment management agreement between the Fund and these Fund Managers.

This currency hedging is in place to reduce the extent to which the Fund is exposed to certain currency movements. These investments are used to ensure that cash can remain invested short term in equities. The sale of currency forwards, traded over the counter (OTC), is undertaken in order to hedge foreign currency exposure risk back to the portfolio's base currency of GBP.

Investment underlying option contract	Currency bought	Local value	Currency sold	Local value	Asset value	Liability value
		000		000	£000	£000
Up to six months	GBP	10,947	CAD	(18,947)	220	-
Up to six months	GBP	31,183	CHF	(32,880)	-	(1,696)
Up to six months	CHF	32,880	GBP	(33,102)	-	(223)
Up to six months	GBP	20,395	CHF	(20,258)	137	-
Up to six months	CAD	10,727	GBP	(11,077)	-	(350)
Up to six months	GBP	9,143	CAD	(8,854)	289	-
					646	(2,269)
Net forward currency contracts at 31 March 2020					-	(1,623)
Prior year comparative						
Net forward currency contracts at 31 March 2019					-	(960)

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Purchased/written options

Equity protection options were purchased in December 2018 to protect passive equities (pooled investment - unitised insurance equities) from losses caused by adverse equity price movements until December 2021. These options are held by Legal and General Investment Management (LGIM) within a bespoke pooled vehicle but have been shown as separate assets and liabilities in note 13.1. The equity options that expired in June 2019 were extended to June 2022 and the options that expired in December 2019 were sold with the cash being held in a Legal and General Sterling Liquidity Fund which is included as a separate line in the accounts (unitised insurance policies – cash).

When an entity buys an options contract, it grants them the right, but not the obligation to buy or sell an underlying asset at a set price on or before a certain date. A call option gives the holder the right to buy stock and a put option gives the holder the right to sell stock.

The basis of valuing the options (which are "over-the-counter" derivatives) is the Black-Scholes model. Black-Scholes is a pricing model used to determine the fair value or theoretical value for a derivative option based on six variables such as volatility, type of option, underlying stock price, time strike price, and risk-free rate. Outstanding over-the-counter options held in the bespoke equity protection pooled fund are as follows.

Investment underlying option contract Assets	Expires	Put/ call	Notional holding	Market value 31 March 19 £000	Notional holding	Market value 31 March 20 £000
A33613						
UK equities	Dec 2020	Put	304	815	304	2,309
	Dec 2021	Put	301	985	301	2,277
	June 2022	Put	-	-	275	3,572
Overseas equities	Dec 2020	Put	387	1,432	387	2,861
	Dec 2021	Put	384	1,927	384	3,435
	June 2022	Put	-	-	152	3,491
						17,945

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Liabilities							
Investment underlying option contract	Expires	Put/ call	Notional holding	Market value 31 March 19 £000	Notional holding	Market value 31 March 20 £000	
UK equities	Dec 2020	Put	(304)	(255)	(304)	(874)	
	Dec 2020	Call	(304)	(1,060)	(304)	(105)	
	Dec 2021	Put	(301)	(328)	(301)	(967)	
	Dec 2021	Call	(301)	(1,123)	(301)	(215)	
	June 2022	Put	-		(275)	(1,627)	
	June 2022	Call	-		(275)	(158)	
Overseas equities	Dec 2020	Put	(387)	(428)	(387)	(1,088)	
	Dec 2020	Call	(387)	(2,248)	(387)	(1,014)	
	Dec 2021	Put	(384)	(708)	(384)	(1,522)	
	Dec 2021	Call	(384)	(2,582)	(384)	(1,394)	
	June 2022	Put	-	-	(152)	(1,598)	
	June 2022	Call	-	-	(152)	(723)	
Net purchased/written options at 31 March 2020							

14.1. Fair Value – Basis of Valuation

The basis of the valuation of each class of investment asset is set out below. There has been no change in the valuation techniques used during the year. All assets have been valued using fair value techniques which represent the highest and best price available at the reporting date.

Description of Asset	Valuation hierarchy	Basis of valuation	Observable and unobservable inputs	Key sensitivities affecting the valuations provided
Market quoted investments	Level 1	Published bid market price ruling on the final day of the accounting period	Not required	Not required
Quoted bonds	Level 1	Fixed interest securities are valued at a market value based on current yields	Not required	Not required

Description of Asset	Valuation hierarchy	Basis of valuation	Observable and unobservable inputs	Key sensitivities affecting the valuations provided
Exchange traded pooled investments (includes unitised insurance policies (equities and bonds))	Level 1	Closing bid value on published exchanges	Not required	Not required
Pooled investments – overseas unit trusts and property funds	Level 2	Closing bid price where bid and offer prices are published. Closing single price where single price published	Net Asset Value (NAV) based pricing set on a forward pricing basis	Not required
Pooled investments – property funds which are not listed	Level 3	Financial statements or other market indicators or information are used to calculate valuation	The following is used: Estimated rental growth Covenant strength for existing tenancies Discount rate Estimated rental growth Land/building valuation survey	Significant changes in rental growth, vacancy levels or the discount rate could affect valuations as could more general changes to market prices
Unquoted equity	Level 3	Comparable valuation of similar companies in accordance with International Private Equity and Venture Capital Valuation Guidelines (2012)	Earnings Before Interest, Taxes, Depreciation and Amortisation (EBITDA) multiple Revenue multiple Discount for lack of marketability Control premium	Valuations could be affected by material events occurring between the date of the financial statements and the Fund's own reporting date, by changes to expected cash flows, and any differences between audited and unaudited accounts

Description of Asset	Valuation hierarchy	Basis of valuation	Observable and unobservable inputs	Key sensitivities affecting the valuations provided
Unquoted commercial real estate debt	Level 3	Valued by the Fund Manager using critical accounting estimates and judgements from the fund's financial statement	Observable and unobservable input are critical accounting estimates and judgements from the fund's financial statement	Valuations could be affected by material events occurring between the date of the financial statements provided and the pension fund's own reporting date, by changes to expected cash flows, and by any differences between audited and unaudited accounts

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14.2. Sensitivity of assets valued at level 3

Having consulted the Fund's independent investment advisors (Aon Hewitt), it was determined that the valuation methods described above for Level 3 investments are likely to be accurate to within the following ranges and has set out below the consequent potential impact on the closing value of investments held at 31 March 2020.

Asset type	Value as at 31 Mar 2020	Assessed valuation range	Value on increase	Value on decrease
	£000	%	£000	£000
Pooled investment vehicles Units trust (property)	180,186	12.5%	202,709	157,663
Venture capital and partnerships				
Private equity Property debt	99,547 55,000	25.0% 7.5%	124,434 59,125	74,660 50,875

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14.3. Fair Value Hierarchy

Asset and liability valuations have been classified into three levels, according to the quality and reliability of information used to determine fair values. Transfers between levels are recognised in the year in which they occur.

Level 1

Assets and liabilities at Level 1 are those where the fair values are derived from unadjusted quoted prices in active markets for identical assets or liabilities. Products classified as Level 1 comprise quoted equities, quoted fixed securities, quoted index linked securities and unit trusts.

Level 2

Assets and liabilities at Level 2 are those 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.

Level 3

Assets and liabilities 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.

The following table provides an analysis of the financial assets and liabilities of the Fund grouped into Levels 1 to 3 based on the level at which the fair value is observable.

Values at 31 March 2020	Quoted market price	Using observable input	With significant unobservable inputs	
-	Level 1	Level 2	Level 3	Total
Financial assets	£000	£000	£000	£000
Equities	872,835	-	-	872,835
Pooled investments				
Unitised insurance policies (equities)	-	244,877	-	244,877
Unitised insurance policies (bonds)	-	72,941	-	72,941
Unitised insurance policies (cash)	-	62,075	-	62,075
Unit trust (equities)	-	10,950	-	10,950
Unit trust (bonds)	-	230,615	-	230,615
Unit trust (property)	-	-	180,186	180,186
Venture capital and partnerships				
Private equity	-	-	99,547	99,547
Property debt	-	-	55,000	55,000
Cash deposits	46,083	-	-	46,083
Investment income due	6,366	-	-	6,366
Amounts receivable for sales	598	-	-	598
Equity options	-	17,945	-	17,945
Currency forwards	-	646	-	646
Total investment assets	925,882	640,049	334,733	1,900,664
Investment liabilities				
Currency forwards	-	(2,269)	-	(2,269)
Amounts payable for purchases	(1,855)	-	-	(1,855)
Equity options	-	(11,285)	-	(11,285)
Total investment liabilities	(1,855)	(13,554)	-	(15,409)
Net investments total	924,027	626,495	334,733	1,885,255

Values at 31 March 2019	Quoted market price	Using observable input	With significant unobservable inputs	
	Level 1	Level 2	Level 3	Total
Financial assets	£000	£000	£000	£000
Equities	962,327	-	-	962,327
Pooled investments				
Unitised insurance policies (equities)	-	331,102	-	331,102
Unitised insurance policies (bonds)	-	78,940	-	78,940
Unit trust (equities)	-	12,577	-	12,577
Unit trust (bonds)	-	222,598	-	222,598
Unit trust (property)	-	-	184,234	184,234
Venture capital and partnerships				
Private equity	-	-	102,558	102,558
Property debt	-	-	55,000	55,000
Cash deposits	43,401	-	-	43,401
Investment income due	6,475	-	-	6,475
Amounts receivable for sales	90	-	-	90
Equity options	-	6,445	-	6,445
Total investment assets	1,012,293	651,662	341,792	2,005,747
Investment liabilities				
Currency forwards	(960)	-	-	(960)
Amounts payable for purchases	-	(14,216)	-	(14,216)
Equity options	-	-	-	-
Total investment liabilities	(960)	(14,216)	-	(15,176)
Net investments total	1,011,333	637,446	341,792	1,990,571

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14.4. Reconciliation of Fair value Measurements within Level 3

	Pooled investment vehicles	Venture capital a partnersh	
	Units trust (property)	Private equity	Property debt
	£000	£000	£000
Market value 1 Apr 2019	184,234	102,558	55,000
Purchases during the year and derivative payments	10,156	14,251	-
Sales during the year and derivative receipts	(7,597)	(14,504)	(1,546)
Unrealised gains/(losses)	(9,520)	(12,746)	1,353
Realised gain/(losses)	2,913	9,988	193
Market value 31 March 2020	180,186	99,547	55,000

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15. Financial Instruments

15.1. Classification of Financial Instruments

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 amount of financial assets and liabilities by category and net assets statement heading. No financial instruments were reclassified during the accounting period.

31 March 2020	Fair value through profit & loss	Loans & receivables	Financial liabilities at cost	Total
Financial assets	£000	£000	£000	£000
Equities	872,835	-	-	872,835
Pooled investments				
Unitised ins policies (equities)	244,877	-	-	244,877
Unitised ins policies (bonds)	72,941	-	-	72,941
Unitised ins policies (cash)	62,075	-	-	62,075
Unit trust equity	10,950	-	-	10,950
Unit trusts (bonds)	230,615	-	-	230,615
Unit trusts (property)	180,186	-	-	180,186
Venture capital and partnerships				
Private equity	99,547	-	-	99,547
Property debt	55,000	-	-	55,000
Currency forwards	646	-	-	646
Equity options	17,945	-	-	17,945
Amounts receivable for sales	598	-	-	598
Cash deposits	-	46,083	-	46,083
Investment income due	-	6,366	-	6,366
Long term debtors	-	472	-	472
Short term debtors	-	6,561	-	6,561
Bank	-	3,060	-	3,060
Total financial assets			-	1,910,757
Financial liabilities				
Currency forwards	-	-	(2,269)	(2,269)
Equity options	-	-	(11,285)	(11,285)
Amounts payable for purchases	-	-	(1,855)	(1,855)
Creditors	-	-	(3,061)	(3,061)
Total financial liabilities	-	-	(18,470)	(18,470)
Closing net financial assets	1,848,215	62,542	(18,470)	1,892,287

31 March 2019	Fair value through profit & loss	Loans & receivables	Financial liabilities at cost	Total
Financial assets	£000	£000	£000	£000
Equities	962,327	-	-	962,327
Pooled investments				
Unitised ins policies (equities)	331,102	-	-	331,102
Unitised ins policies (bonds)	78,940	-	-	78,940
Unit trust equity	12,577	-	-	12,577
Unit trusts (bonds)	222,598	-	-	222,598
Unit trusts (property)	184,234	-	-	184,234
Venture capital and partnerships				
Private equity	102,558	-	-	102,558
Property debt	55,000	-	-	55,000
Equity options	6,445	-	-	6,445
Amounts receivable for sales	90	-	-	90
Cash deposits	-	43,401	-	43,401
Investment income due	-	6,475	-	6,475
Long term debtors	-	353	-	353
Short term debtors	-	8,230	-	8,230
Bank	-	3,897	-	3,897
Total financial assets	1,955,871	62,356	-	2,018,227
Financial liabilities				
Currency forwards	-	-	(960)	(960)
Equity options	-	-	(14,216)	(14,216)
Creditors	-	-	(4,089)	(4,089)
Total financial liabilities	-	-	(19,265)	(19,265)
Closing net financial assets	1,955,871	62,356	(19,265)	1,998,962

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15.2. Net Gains and Losses on Financial Instruments

	2018/19 £000	2019/20 £000
Financial assets		
Fair value through profit and loss	85,885	(135,458)
Amortised cost – unrealised gains	73	343
Financial liabilities		
Fair value through profit and loss	(1,123)	1,622
Total	84,835	(133,493)

16. The Nature and Extent of Risks Arising from Financial Instruments

Risk and risk management

The Fund's primary long-term risk is that the Fund's assets will fall short of its liabilities (i.e. promised benefit 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 there is sufficient liquidity to meet the Fund's forecast cash flows. The Fund manages these investment risks as part of its overall Pension Fund risk management programme.

The Pensions Committee is responsible for the Fund's risk management strategy. There is a risk register in place which follows the CIPFA guidance Managing risk in the LGPS. This is regularly reviewed, and significant risks are reported to the Pensions Committee.

Market risk

Market risk is the risk of loss from fluctuations in equity and commodity prices, interest and foreign exchange rates and credit spreads. The Fund is exposed to market risk from its investment activities, particularly through its equity holdings. The level of risk exposure depends on market conditions, expectations of future price and yield movements and the asset mix.

The objective of the Fund's risk management strategy is to identify, manage and control market risk exposure within acceptable parameters, whilst optimising the return on risk.

In general, excessive volatility in market risk is managed through the diversification of the portfolio in terms of geographical and industry sectors and individual securities. To mitigate market risk, the Fund and its investment advisors undertake appropriate monitoring of market conditions and benchmark analysis.

The Fund manages these risks by ensuring that specific risk exposure is limited by

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applying risk-weighted maximum exposures to individual investments. Equity futures contracts and exchange traded option contracts on individual securities may also be used to manage market risk on equity investments. It is possible for over-the-counter equity derivative contracts to be used in exceptional circumstances to manage specific aspects of market risk.

Other price risk

Other 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 instruments or its issuer or factors affecting all such instruments in the market.

The Fund is exposed to share and derivative price risk. This arises from investments held by the Fund for which the future price is uncertain. All securities investments present a risk of loss of capital. The maximum risk resulting from financial instruments is determined by the fair value of the financial instruments.

The Fund's investment managers mitigate this price risk through diversification and the selection of securities and other financial instruments.

Other price risk – sensitivity analysis

Following analysis of historical data and expected investment return movement and in consultation with the Fund's investment advisors, the Fund has determined that the following movements in market price risk are reasonably possible for the 2019/20 reporting period.

Asset type	Potential market movement (+/) 2018/19	Potential market movement (+/) 2019/20
UK equities	19.0%	19.0%
Global equities (excluding UK)	20.0%	18.0%
UK fixed income unit trusts	11.0%	10.0%
Corporate bonds (medium term)	9.0%	9.0%
Overseas corporate bonds	9.0%	9.0%
UK fixed gilts (medium term)	11.0%	11.0%
UK index linked gilts (medium term)	9.0%	9.0%
Property	12.5%	12.5%
Private Equity	25.0%	25.0%
Property Debt	8.0%	7.5%
Cash	0.0%	0.0%

The potential price changes disclosed above are broadly consistent with a one-standard deviation movement in the value of the assets. The sensitivities are consistent with the assumptions contained in the investment advisors' most recent review. The Fund's investment advisors suggest that the approach to modelling market price risk should take account of the diversification of assets in the Fund. This approach is different to

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that outlined in the CIPFA recommended code of practice, where the sum of all potential changes in asset class values are taken to determine the impact on the total value of the Fund. Consequently, the total Fund volatility takes into account the expected interactions between the different asset classes shown, based on the underlying volatilities and correlations of the assets, in line with mean variance portfolio theory.

Had the market price of the Fund investments increased/decreased in line with the above, the change in the net assets available to pay benefits would have been as follows:

Asset type	Value as at 31 Mar 2020 £000	Percentage change %	Value on increase £000	Value on decrease £000
Cash deposits	46,083	0.0	46,083	46,083
Unitised ins policies (cash)	62,075	0.0	62,075	62,075
Unit trusts (bonds) cash held	8,394	0.0	8,394	8,394
Investment portfolio assets:				
UK equities	375,892	19.0	447,311	304,473
Global equities (overseas)	752,770	18.0	888,269	617,271
UK fixed income unit trusts	94,714	10.0	104,185	85,243
UK Corporate bonds (medium term)	91,116	9.0	99,316	82,916
Overseas Corporate bonds (medium term)	36,391	9.0	39,666	33,116
UK fixed gilts (medium term)	57,462	11.0	63,783	51,141
UK index linked gilts (medium term)	15,479	9.0	16,872	14,086
Unit trusts property	180,186	12.5	202,709	157,663
Private equity	99,547	25.0	124,434	74,660
Property debt	55,000	7.5	59,125	50,875
Investment income due	6,366	0.0	6,366	6,366
Amounts receivable for sales	598	0.0	598	598
Net equity options (UK)	4,213	19.0	5,013	3,412
Net equity options (overseas)	2,447	18.0	2,888	2,007
Amount payable for purchases	(1,855)	0.0	(1,855)	(1,855)
Net currency forwards	(1,623)	0.0	(1,623)	(1,623)
Net investment assets	1,885,255		2,173,609	1,596,901

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Asset type	Value as at 31 Mar 2019	Percentage change	Value on increase	Value on decrease
	£000	%	£000	£000
Cash deposits	43,401	0.0	43,401	43,401
Investment portfolio assets:				
UK equities	489,245	19.0	582,202	396,288
Global equities (overseas)	816,761	20.0	980,113	653,409
UK fixed income unit trusts	80,135	11.0	88,950	71,320
UK Corporate bonds (medium term)	102,395	9.0	111,611	93,180
Overseas Corporate bonds (medium term)	40,068	9.0	43,674	36,462
UK fixed gilts (medium term)	45,961	11.0	51,017	40,905
UK index linked gilts (medium term)	32,979	9.0	35,947	30,011
Unit trusts property	184,234	12.5	207,263	161,205
Private equity	102,558	25.0	128,198	76,919
Property debt	55,000	8.0	59,400	50,600
Investment income due	6,475	0.0	6,475	6,475
Amounts receivable for sales	90	0.0	90	90
Net equity options (UK)	(2,600)	19.0	(3,094)	(2,106)
Net equity options (overseas)	(5,171)	20.0	(6,205)	(4,137)
Net currency forwards	(960)	0.0	(960)	(960)
Net investment assets	1,990,571		2,328,082	1,653,062

Interest rate risk

The Fund invests in financial assets for the primary purpose of obtaining a return on investments. These investments are subject to interest rate risks, which represent 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 interest rate risk is routinely monitored by officers and its investment advisors in accordance with the Fund's risk management strategy, including monitoring the exposure to interest rates and assessment of actual interest rates against the relevant benchmarks.

The Fund's direct exposure to interest rate movements as at 31 March 2020 and 31 March 2019 is set out below. These disclosures present interest rate risk based on the underlying financial assets at fair value.

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Asset type	31 March 2019	31 March 2020
	£000	£000
Cash and cash equivalents	43,401	46,083
Unitised ins policies (cash)	-	62,075
Bank accounts	3,897	3,060
Legal & General fixed interest gilts	45,961	57,462
Legal & General index linked gilts	32,979	15,479
Fidelity unit trust bonds	222,598	230,615
Total	348,836	414,774

Interest rate risk sensitivity analysis

The Fund recognises that interest rates can vary and can affect both income to the Fund and the value of the net assets available to pay benefits.

The Fund's investment advisors suggest that a 100-basis point (BPS) movement in interest rates is appropriate for carrying out the interest rate sensitivity analysis.

The analysis that follows assumes that all other variables, in particular exchange rates, remain constant, and shows the effect in the year on the net assets available to pay benefits of a +- 100 BPS (1%) change in interest rates:

Asset type	Carrying amount as at 31 March 2020	Change in year in the net assets available to pay benefits	
		+1%	-1%
	£000	£000	£000
Cash and cash equivalents	46,083	461	(461)
Unitised ins policies (cash)	62,075	621	(621)
Bank accounts	3,060	31	(31)
Legal & General fixed interest gilts	57,462	575	(575)
Legal & General index linked gilts	15,479	155	(155)
Fidelity unit trust bonds	230,615	2,306	(2,306)
Total	414,774	4,149	(4,149)

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Asset type	Carrying amount as at 31 March 2019	Change in year in the net assets available to pay benefits	
		+1%	-1%
	£000	£000	£000
Cash and cash equivalents	43,401	434	(434)
Bank accounts	3,897	39	(39)
Legal & General fixed interest gilts	45,961	460	(460)
Legal & General index linked gilts	32,979	330	(330)
Fidelity unit trust bonds	222,598	2,226	(2,226)
Total	348,836	3,489	(3,489)

Currency risk

Currency risk represents the risk that the fair value of future cash flows of a financial instrument 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 the base currency of the Fund (£ Sterling).

The Fund's currency rate is routinely monitored by the Council and its investment advisors in accordance with the Fund's risk management strategy, including monitoring the range of exposure to currency fluctuations.

The following table summarises the Fund's currency exposure as at 31 March 2020 and as at the previous period end.

Currency exposure – asset type	Asset value as at 31 March 2019	Asset value as at 31 March 2020
	£000	£000
Overseas quoted securities	582,529	568,899
Overseas unitised insurance policies	234,232	183,871
Overseas property fund	1,113	293
Overseas unquoted private equity	102,558	99,547
Overseas unit trust (bonds)	40,068	36,391
Total overseas assets	960,500	889,001

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Currency risk - sensitivity analysis

A 13% fluctuation in the currency is considered reasonable based on the Fund advisor's analysis of long-term historical movements in the month-end exchange rates over a rolling 36-month period. This analysis assumes that all other variables, in particular interest rates, remain constant. A 13% strengthening/weakening of the pound against the various currencies in which the Fund holds investments would increase/decrease the net assets available to pay benefits as follows.

Currency exposure - asset type	Asset value 31 March 2020	Change to available to pa	
		+13%	-13%
	£000	£000	£000
Overseas quoted securities			
Australian dollar (AUD)	20,608	23,287	17,929
Brazilian real (BRL)	4,152	4,692	3,612
Canadian dollar (CAD)	13,001	14,691	11,311
Other overseas investments in GBP	11,163	12,614	9,712
Danish krone (DKK)	1,941	2,193	1,689
Euro (EUR)	56,868	64,261	49,475
Hong Kong dollar (HKD)	36,252	40,965	31,539
Japanese yen (JPY)	48,915	55,274	42,556
Malaysian ringgit (MYR)	9,072	10,251	7,893
New Taiwan dollar (TWD)	12,283	13,880	10,686
Norwegian krone (NOK)	5,740	6,486	4,994
Singapore dollar (SGD)	10,290	11,628	8,952
South African rand (ZAR)	10,896	12,312	9,480
Swedish krona (SEK)	11,480	12,972	9,988
Swiss franc (CHF)	27,450	31,019	23,882
United States dollar (USD)	288,788	326,330	251,246
Total	568,899	642,855	494,944
Overseas unitised insurance policies (quoted in GBP no other values available)	183,871	207,774	159,968
Overseas property fund (EUR)	293	331	255
Overseas unquoted private equity (EUR)	99,547	112,488	86,606
Overseas unit trust (bonds)	36,391	41,122	31,660
Total change in assets available	889,001	1,004,570	773,433

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Currency exposure - asset type	Asset value 31 March 2019	Change to net assets available to pay benefits	
		+13%	-13%
	£000	£000	£000
Overseas quoted securities			
Australian dollar (AUD)	24,239	27,390	21,088
Brazilian real (BRL)	7,587	8,573	6,601
Canadian dollar (CAD)	13,625	15,396	11,854
Danish krone (DKK)	3,647	4,121	3,173
Euro (EUR)	54,519	61,606	47,432
Hong Kong dollar (HKD)	32,694	36,944	28,444
Japanese yen (JPY)	34,486	38,969	30,003
Malaysian ringgit (MYR)	10,015	11,317	8,713
New Israeli shekel (ILS)	1,345	1,520	1,170
New Taiwan dollar (TWD)	13,499	15,254	11,744
Norwegian krone (NOK)	6,866	7,759	5,973
Singapore dollar (SGD)	12,589	14,226	10,952
South African rand (ZAR)	14,670	16,577	12,763
Swedish krona (SEK)	13,410	15,153	11,667
Swiss franc (CHF)	35,860	40,522	31,198
United States dollar (USD)	303,478	342,930	264,025
Total	582,529	658,257	506,800
Overseas unitised insurance policies (quoted in GBP no other values available)	234,232	264,682	230,782
Overseas property fund (EUR)	1,113	1,258	968
Overseas unquoted private equity (EUR)	102,558	115,891	89,225
Overseas unit trust (bonds)	40,068	45,277	34,859
Total change in assets available	960,500	1,085,365	835,634

Credit risk

Credit risk represents the risk that the counterparty to a transaction or a 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.

The Fund's entire investment portfolio is exposed to some form of credit risk, with the exception of the derivatives positions, where the risk equates to the net market value

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of a positive derivative position. However, the selection of high-quality counterparties, brokers and financial institutions minimises credit risk that may occur through the failure to settle a transaction in a timely manner.

Contractual credit risk is represented by the net payment or receipt that remains outstanding and the cost of replacing the derivative position in the event of a counterparty default. The residual risk is minimal due to the various insurance policies held by the exchanges to cover defaulting counterparties.

None of the Fund Managers have a mandate to specifically manage cash and so cash is generally held by the Custodian and invested in Money Market Funds (Sterling and Euro Funds). The Northern Trust Money Market Funds are triple A rated. In addition, the Fund's surplus cash from scheme members' contributions is managed as part of The Highland Council's treasury management function. Prior to transfer to the Fund's investment managers, cash surpluses, are deposited with the Pension Fund's bank (Clydesdale) and Svenska Handelsbanken thus minimising credit risk. The Fund had the following cash holdings at the year end. Deposits were placed and withdrawn from Svenska Handelsbanken in January 2020 with a nil balance at the year end.

	Moody's credit rating 31 March 2020	31 March 2019 £000	31 March 2020 £000
Northern Trust Global Investment liquidity funds	AAA	43,199	45,546
Northern Trust Cash deposits	P-1	202	537
		43,401	46,083

The following cash balances are held and managed in accordance with the Highland Council Treasury Management Strategy Statement.

	31 March 2019	31 March 2020
	£000	£000
Clydesdale accounts	3,897	3,060
Svenska Handelsbanken	-	-

Liquidity risk

Liquidity risk represents the risk that the Fund will not meet its financial obligations as they fall due. The Council therefore takes steps to ensure that the Pension Fund has adequate cash resources to meet its commitments.

Following the triennial valuation at 31 March 2017 the Fund's Actuary was asked to assess the projected cash flows of the Fund assuming a variety of possible maturity profiles.

The cash flow position has changed since the 2014 valuation (cash flow positive until

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2026) due to the total payroll, and therefore contributions paid, at 31 March 2017 being around 9% lower than assumed in the 2014 projections; and the total benefit payment at 31 March 2017 being around 6% lower than assumed in the 2014 projections indicating the possibility that the Fund could move into a negative cash flow position.

However, assuming the current investment income yield is maintained (2019/20 investment income £39.9m, 2018/19 investment income £40.2m), then this would generate sufficient income to meet benefit payments for the immediate future. Provided the investment income yield remains at current levels then the time when assets need to be sold to meet benefit payments still looks sometime in the future.

It should be noted though that the negative cash flow position could be increased by a combination of public sector cuts, member opt-outs or outsourcing which reduces the pensionable payroll.

Refinancing risk

The key risk is that the Fund will be bound to replenish a significant proportion of its Pension Fund financial instruments at a time of unfavourable interest rates. The Fund does not have any financial instruments that have a refinancing risk as part of its treasury management and investment strategies.

17. Actuarial Present Value of Promised Retirement Benefits

CIPFA's Code of Practice on Local Authority Accounting 2019/20 requires administering authorities of LGPS Funds that prepare Pension Fund accounts to disclose what IAS 26 refers to as the actuarial present value of promised retirement benefits.

The actuarial present value of promised retirement benefits is to be calculated similarly to the Defined Benefit Obligation under IAS 19. 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 as at the date of the financial statements as is the case, IAS 26 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 IAS 19 and not the Fund's funding assumptions.

Assumptions underpinning the valuations are agreed with the actuary and are summarised in the Actuarial Statement (page 99). This estimate is subject to significant variances based on changes to the underlying assumptions.

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The actuarial present value of promised retirement benefits is as follows:

	31 March	31 March
	2019	2020
	£m	£m
Present Value of Promised Retirement Benefits*	2,501	2,247
Net Assets per Annual Accounts	1,999	1,892

* Liabilities have been projected using a roll forward approximation from the latest formal funding valuation as at 31 March 2017.

Note that the above figures include an allowance for the "McCloud ruling" i.e. an estimate of the potential increase in past service benefits arising from this case affecting public service pension schemes.

The Actuary estimates that the liability at 31 March 2020 is £2,247m which comprises of £1,206m in respect of employee members, £341m in respect of deferred pensioners and £700m in respect of pensioners. The approximation involved in the roll forward model means that the split of scheme liabilities between the three classes of member may not be reliable. However, the Actuary is satisfied the aggregate liability is a reasonable estimate of the actuarial present value of benefit promises. The Actuary has not made any allowance for unfunded benefits.

Assumptions

The assumptions used are those adopted for the Administering Authority's IAS 19 report as required by the Code of Practice. These are given below. The Actuary estimates that the impact of the change of financial assumptions to 31 March 2020 is to decrease the actuarial present value by £250m. The Actuary also estimates that the impact of the change in demographic and longevity assumptions is to decrease the actuarial present value by £86m.

Financial Assumptions	31 March 2019 %p.a.	31 March 2020 %p.a.
Inflation/Pension Increase Rate	2.5	1.9
Salary Increase Rate	3.5	2.8
Discount Rate	2.4	2.3

Discount rate

IAS 19 states that the discount rate used to place a value on the liabilities should be "determined by reference to market on high quality corporate bonds at the reporting date". It further states that "the currency and term of the corporate bonds used to set the discount rate should be consistent with the currency and term of the liabilities".

The Actuary's approach to setting the discount rate as at 31 March 2020 follows the same principles to those adopted at 31 March 2019 which was to use a "Hymans

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Robertson" corporate bond yield curve constructed based on the constituents of the iBoxx AA Corporate bond index.

Separate discount rates are then set (and corresponding RPI/CPI inflation assumptions – see below) for individual employers, dependent on their own weighted average duration. Each employer is allocated to a duration category, as defined below:

Weighted average duration	Discount rate category
Less than 17 years	Short
Between 17 and 23 years	Medium
More than 23 years	Long

Retail price inflation assumption

This assumption is typically derived from yields available on fixed interest and index linked government bonds and should be consistent with the derivation of the discount rate.

The Actuary uses a market implied inflation curve over a range of maturities. Cash flow weighted single RPI rates are derived from the market implied inflation curve that recognise the weighted average duration of each corresponding duration category defined above.

Pension increase assumption

The pension increase assumption is set in line with the Actuary's default Consumer Prices Index (CPI) assumption. As a market in CPI linked bonds does not exist, the Actuary estimates the long-term gap between RPI and CPI in order to derive a CPI assumption for accounting purposes. The default assumed RPI-CPI gap will be 0.9% p.a. (note this is a slight reduction from the 2019 accounting exercise where 1.0% was used).

Salary increase assumption

The long-term assumption for salary increases is RPI plus 0.9% p.a.

Longevity assumptions

The life expectancy assumptions are included in the Actuarial statement on page 99.

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18. Additional Voluntary Contributions (AVCs)

The AVC facility is provided by the Prudential Assurance Company Limited and is a money purchase arrangement where members have the choice to invest in a range of low, medium and high-risk investment funds. In accordance with regulation 5 (2) (c) of the Pension Scheme (Management and Investment of Funds) Regulations 1998 (S1 1998 No. 1831), these figures do not form part of the accounts of the Pension Fund and are stated for information only.

The value of Prudential AVCs at 31 March 2020 was £9.400m (£9.710m in 2018/19) and AVC contributions of £1.145m (£1.097m in 2018/19) were paid directly to Prudential during the year.

19. Agency Services

Local Government (Discretionary Payments and Injury Benefits) (Scotland) Regulations 1998 (Section 31) allows employers to pay additional pensions on a voluntary basis.

As is typical within the Local Government Pension Schemes (LGPS), arrangements exist whereby additional teachers' pensions and employee pensions are paid with the payment of funded pensions. In order that such are not regarded as "unauthorised payments" by HMRC these pension payments are met by the administering authority and recharged to the body or service which granted the benefits.

As unfunded payments are discretionary benefits, they are not relevant to the sums disclosed in the Fund accounts. As such Highland Council Pension Fund provides payment and billing services to employers on a no charge agency agreement basis.

20. Related Parties

The Highland Council Pension Fund is administered by the Highland Council. As a result, there is a strong relationship between the Council and the Fund. The Council is also the largest employer in the Fund.

The Pension Fund operates its own bank account. The Council's Treasury Management team manage surplus cash balances prior to transmission of funds to the Fund Managers for investment.

The Pension Fund does not directly employ any staff. Therefore, no remuneration report is included within the Annual Report and Annual Accounts. All staff are employed by the Highland Council and their costs reimbursed by the Pension Fund.

The Councillors, who are members of the Pension Fund Sub-Committee and Pension Board are also remunerated by the Highland Council. Details of Councillor and Senior Employee remuneration can be found in the accounts of the Highland Council on the Council's website.

http://www.highland.gov.uk/downloads/download/539/annual_accounts

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At 31 March 2020, there was one member of the Pensions Board (Mr Ewen Macniven (Trade Union representative)) in receipt of a pension. Each member of the Fund is required to declare their interests at each meeting.

The following Senior Officers of the Highland Council held a key position in the financial management of the Pension Fund during the financial year to 31 March 2020.

Name	Resp	contribu	sion utions in r to	benefi	l pension ts as at)3/20	Difference in accrued pension
		31/03/19	31/03/20			benefits compared to Mar 2019
Derek Yule	Depute Chief Executive/Director of Corporate Resources	£23,549	£6,056	Pension Lump Sum	£61,747 £130,621	-£776 £6,300
Liz Denovan	Executive Chief Officer, Resources and Finance	-	£11,282		£1,201 -	£1,201 -

Pension receipts and payments are transacted using the Highland Council financial systems and the Fund's banking arrangements. Throughout the year, the Fund maintains a cash balance for this purpose which is listed as Bank accounts in the net assets statement.

Contributions of £32.651m were paid by the Highland Council to the Fund during 2019/20 as set out in Note 8 (£31.284m in 2018/19) and central administration costs of £1.315m (£1.377m in 2018/19) were recharged to the Fund.

As at 31 March 2020, the Pension Fund had a net intercompany debtor of £3.864m (31 March 2019 £4.653m) representing sums due from the Highland Council. These balances in the main cover contributions payable by the Highland Council to the Pension Fund which were paid over in the first quarter of 2020.

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21. Contingent Assets, Liabilities and Contractual Commitments

Contingent assets

 During 2009/10, KPMG were contracted to submit "EU Fokus Bank" claims for recovery of withholding tax with an estimated value of £1.228m (€1.429m) gross of fees. An additional revised contract was agreed in April 2012 with KPMG to continue with the claim. There have been no further repayments in 2019/20 but a claim was resubmitted in Italy to avoid a time bar.

Contingent liabilities

• As at 31 March 2020 there is a contingent liability of £0.613m (£0.598m in 2018/19) for frozen refunds representing 2,126 (2,543 in 2018/19) frozen refund records.

Contractual commitment

As at 31 March 2020 the Highland Council Pension Fund had contractual commitments in respect of private equity. The property debt portfolio is now fully committed (£55m).

	Commitment	Undrawn commitments
Partners Group 2011	£43.030m (€50.000m)	£6.182m (€6.986m)
Partners Group 2014	£68.848m (€80.000m)	£9.034m (€10.209m)
Partners Group 2017	£57.660m (€67.000m)	£36.665m (€41.433m)

22. Current Assets

2018/19	Debtors	2019/20
£000		£000
1,364	Contributions due - employees	1,123
4,640	Contributions due - employers	3,767
389	Strain on fund costs	215
-	Transfer values receivable	-
1,837	Short term debtors	1,456
3,897	Bank accounts	3,060
12,127	Total current assets	9,621

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23. Long Term Debtors

2018/19 £000	Debtors				2019/20 £000
278	Long term debtors				315
75	Reimbursement allowances	of	lifetime	tax	157
353					472

24. Current Liabilities

2018/19 £000	Creditors	2019/20 £000
(3,067)	Sundry creditors	(2,137)
(121)	Transfer values payable (leavers)	(44)
(901)	Benefits payable	(880)
(4,089)		(3,061)

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Actuarial Statement as at 31 March 2020

This statement has been prepared in accordance with Regulation 55(1)(d) of the Local Government Pension Scheme (Scotland) Regulations 2018. 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 April 2018. 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'/dependents' 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;
- to reflect the different characteristics of different employers in determining contribution rates; 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. For employers whose covenant was considered by the Administering Authority to be sufficiently strong, contributions have been stabilised to have a sufficiently high likelihood of achieving the funding target over 20 years. Asset-liability modelling has been carried out which demonstrate that if these contribution rates are paid and future contribution changes are constrained as set out in the FSS, there is an acceptable likelihood that the Fund will achieve the funding target over 20 years.

Funding Position as at the last formal funding valuation

The most recent actuarial valuation carried out under Regulation 60 of the Local Government Pension Scheme (Scotland) Regulations 2014 was as at 31 March 2017. This valuation revealed that the Fund's assets, which at 31 March 2017 were valued at \pounds 1,755 million, were sufficient to meet 101% of the liabilities (i.e. the present value of promised retirement benefits) accrued up to that date. The resulting surplus at the 2017 valuation was \pounds 13 million.

Each employer had contribution requirements set at the valuation, with the aim of achieving full funding within a time horizon and likelihood measure as per the FSS. Individual employers' contributions for the period 1 April 2018 to 31 March 2021 were set in accordance with the Fund's funding policy as set out in its FSS.

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Principal Actuarial Assumptions and Method used to value the liabilities

Full details of the methods and assumptions used are described in the 2017 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 and inflation 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 2017 valuation were as follows:

Financial assumptions	31 March 2017
Discount rate	3.7%
Salary increase assumption	3.4%
Benefit increase assumption (CPI)	2.4%

The key demographic assumption was the allowance made for longevity. The life expectancy assumption was based on the Fund's Vita Curves alongside future improvements based on the CMI 2016 model with an allowance for smoothing of recent mortality experience and a long-term rate of improvement of 1.25% p.a. Based on these assumptions, the average future life expectancies at age 65 are as follows:

	Males	Females
Current Pensioners	21.9 years	24.3 years
Future Pensioners*	23.3 years	26.1 years

*Currently aged 45

Copies of the 2017 valuation report and Funding Strategy Statement are available on request from the Administering Authority to the Fund.

Experience over the period since 31 March 2017

Markets were disrupted by COVID 19 which resulted in difficult market conditions towards the end of the 2019/20 financial year. As a result, the funding level of the Fund as at 31 March 2020 has reduced versus that reported at the previous formal valuation.

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The next actuarial valuation will be carried out as at 31 March 2020. The Funding Strategy Statement will also be reviewed at that time.

Robert Bilton FFA 5 May 2020

For and on behalf of Hymans Robertson LLP

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Glossary

Actuarial assumptions/basis	The combined set of assumptions made by the actuary, regarding the future, to calculate the value of liabilities . The main assumptions will relate to the discount rate , salary growth, pension increases and longevity. More prudent assumptions will give a higher liability value, whereas more optimistic assumptions will give a lower value.
Administering Authority	The council with statutory responsibility for running the Fund, in effect the Fund's trustees.
Admission Bodies	Employers which voluntarily participate in the Fund, so that their employees and ex-employees are members . There will be an Admission Agreement setting out the employer's obligations.
Common contribution rate	The Fund-wide future service rate plus past service adjustment . It should be noted that this will differ from the actual contributions payable by individual employers .
Covenant	The assessed financial strength of the employer. A strong covenant indicates a greater ability (and willingness) to pay for pension obligations in the long run. A weaker covenant means that it appears that the employer may have difficulties meeting its pension obligations in full over the longer term.
Currency forwards	A currency forward contract is essentially a hedging tool that does not involve any upfront payment. It locks in the exchange rate for the purchase or sale of a currency on a future date. It can be tailored to a particular amount and delivery period, unlike standardized currency futures. Currency forwards are over-the-counter (OTC) instruments, as they do not trade on a centralized exchange.
Deficit	The shortfall between the assets value and the liabilities value. This relates to assets and liabilities built up to date and ignores the future build-up of pension (which in effect is assumed to be met by future contributions).
Deficit repair/recovery period	The target length of time over which the current deficit is intended to be paid off. A shorter period will give rise to a higher annual past service adjustment (deficit repair contribution), and vice versa.
Discount rate	The annual rate at which future assumed cash flows (in and out of the Fund) are discounted to the present day. This is necessary to provide a liabilities value which is consistent with the present-day value of the assets, to calculate the deficit . A lower discount rate gives a higher liabilities value,

	and vice versa. It is similarly used in the calculation of the future service rate and the common contribution rate .
Employer	An individual participating body in the Fund, which employs (or used to employ) members of the Fund. Normally the assets and liabilities values for each employer are individually tracked, together with its future service rate at each valuation .
Funding level	The ratio of assets value to liabilities value.
Future service rate	The actuarially calculated cost of each year's build-up of pension by the current active members , excluding members' contributions but including Fund administrative expenses. This is calculated using a chosen set of actuarial assumptions .
Gilt	A UK Government bond, i.e. a promise by the Government to pay interest and capital as per the terms of that particular gilt, in return for an initial payment of capital by the purchaser. Gilts can be "fixed interest", where the interest payments are level throughout the gilt's term, or "index- linked" where the interest payments vary each year in line with a specified index (usually RPI). Gilts can be bought as assets by the Fund, but their main use in funding is as an objective measure of solvency.
Gilt yield curves	The line on a graph plotting the relationship between gilt yields and their maturity dates. A yield curve can show the relation between gilts of varying maturities and their yields. Yield curves can be normal/up-sloped (indicates yield on longer term bonds may continue to rise, responding to periods of economic expansion), inverted/down-sloped (suggests yields on longer-term bonds may continue to fall, corresponding to periods of economic recession) or flat (when economy is transitioning from expansion to slower development and even recession, yields on longer maturity bonds tend to fall and yields on shorter-term securities likely to rise).
Gilt yields	The yield of a gilt is the annual return on the market price of the bond, expressed as a percentage. To calculate yield amount, the face value of the gilt is multiplied by the yield in decimal form.
Guarantee / guarantor	A formal promise by a third party (the guarantor) that it will meet any pension obligations not met by a specified employer. The presence of a guarantor will mean, for instance, that the Fund can consider the employer's covenant to be as strong as its guarantor's.

Letting employer	An employer which outsources or transfers a part of its services and workforce to another employer (usually a contractor). The contractor will pay towards the LGPS benefits accrued by the transferring members, but ultimately the obligation to pay for these benefits will revert to the letting employer. A letting employer will usually be a local authority.
Liabilities	The actuarially calculated present value of all pension entitlements of all members of the Fund, built up to date. This is compared with the present market value of Fund assets to derive the deficit . It is calculated on a chosen set of actuarial assumptions .
LGPS	The Local Government Pension Scheme, a public sector pension arrangement put in place via Government Regulations, for workers in local government. These Regulations also dictate eligibility (particularly for Scheduled Bodies), members' contribution rates, benefit calculations and certain governance requirements. The LGPS is divided into 101 Funds which map the UK. Each LGPS Fund is autonomous to the extent not dictated by Regulations, e.g. regarding investment strategy, employer contributions and choice of advisers.
Maturity	A general term to describe a Fund (or an employer's position within a Fund) where the members are closer to retirement (or more of them already retired) and the investment time horizon is shorter. This has implications for investment strategy and, consequently, funding strategy.
Members	The individuals who have built up (and may still be building up) entitlement in the Fund. They are divided into actives (current employee members), deferred (ex-employees who have not yet retired) and pensioners (ex-employees who have now retired, and dependents of deceased ex- employees).
Past service adjustment	The part of the employer's annual contribution which relates to past service deficit repair.
Pooling	Employers may be grouped together for the purpose of calculating contribution rates, so that their combined membership and asset shares are used to calculate a single contribution rate applicable to all employers in the pool. A pool may still require each individual employer to ultimately pay for its own share of deficit , or (if formally agreed) it may allow deficits to be passed from one employer to another.
Profile	The profile of an employer's membership or liability reflects various measurements of that employer's members , i.e.

	current and former employees. This includes: the proportions which are active, deferred or pensioner; the average ages of each category; the varying salary or pension levels; the lengths of service of active members vs their salary levels, etc. A membership (or liability) profile might be measured for its maturity also.
Rates and Adjustments Certificate	A formal document required by the LGPS Regulations, which must be updated at least every three years at the conclusion of the formal valuation . This is completed by the actuary and confirms the contributions to be paid by each employer (or pool of employers) in the Fund for the three- year period until the next valuation is completed.
Scheduled Bodies	Types of employer explicitly defined in the LGPS Regulations, whose employers must be offered membership of their local LGPS Fund. These include Councils, colleges, universities, academies, police and fire authorities etc., other than employees who have entitlement to a different public sector pension scheme (e.g. teachers, police and fire officers, university lecturers).
Securities Lending	Securities lending is the act of loaning a stock, derivative or other security to an investor or firm. Securities lending requires the borrower to put up collateral, whether cash, security or a letter of credit. When a security is loaned, the title and the ownership are also transferred to the borrower.
Solvency	In a funding context, this usually refers to a 100% funding level , i.e. where the assets value equals the liabilities value.
Stabilisation	Any method used to smooth out changes in employer contributions from one year to the next. This is very broadly required by the LGPS Regulations, but in practice is particularly employed for large stable employers in the Fund. Different methods may involve: probability-based modelling of future market movements; longer deficit recovery periods; higher discount rates; or some combination of these.
Theoretical contribution rate	The employer's contribution rate, including both future service rate and past service adjustment , which would be calculated on the standard actuarial basis , before any allowance for stabilisation or other agreed adjustment.
Underwriting	Securities underwriting is the process by which investment banks raise investment capital from investors on behalf of corporations and governments that are issuing securities (both equity and debt capital). The services of an underwriter are typically used during a public offering in a primary market.

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Valuation An actuarial investigation to calculate the liabilities, future service contribution rate and common contribution rate for a Fund, and usually individual employers too. This is normally carried out in full every three years (last done as at 31 March 2017) but can be approximately updated at other times. The assets value is based on market values at the valuation date, and the liabilities value and contribution rates are based on long term bond market yields at that date also.