



Government  
Actuary's  
Department

# Local Government Pension Scheme Scotland

Funding Analysis in conjunction with Section 13 as at  
31 March 2020

March 2023

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## Funding levels changes

The overall funding level on the local funding basis has improved since 2017; despite a sharp drop in asset values immediately prior to the 31 March 2020.

The scheme appears to be in a strong financial position:

- Aggregate local funding level improved from 102% to 104%
- Assets increasing from £43 billion to £46 billion

## Contribution Rate

The average primary contribution rate has increased slightly from the 2017 valuations. The secondary contribution rates payable from 2021 have decreased (reflecting the better overall funding), however this is offset by the increase in primary rates. See section 3 for further information.

## Investments

The open funds remain heavily invested in return seeking assets. Investments appear to be more diversified, with both overseas and UK equity holdings having decreased since 2017, but equities remain the biggest asset holding.

## Dashboard information

Each fund has provided standardised information; including the fund's liabilities calculated on a standardised basis. This information has been collated in the Appendix to this report.

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# 1. Introduction

The Government Actuary has been appointed by Scottish ministers to report under section 13 of the Public Service Pensions Act 2013 in connection with the Local Government Pension Scheme Scotland (LGPS Scotland).

This report contains our analysis of the funding position of the funds within LGPS Scotland as at 31 March 2020; as well as compiling “dashboard” information provided by each of the funds in an Appendix. It is largely factual, background information and is intended to provide context to our section 13 report published in March 2023.

This paper will be of relevance to LGPS stakeholders including SPPA, CIPFA, administering authorities and other employers, actuaries performing valuations for the funds within LGPS Scotland, the LGPS Scotland Scheme Advisory Board (SAB) and HM Treasury (HMT).

This work has been carried out in accordance with the applicable Technical Actuarial Standard: TAS 100 issued by the Financial Reporting Council (FRC). The FRC sets technical standards for actuarial work in the UK.

## Compliance

Any checks that GAD has made on the data used in this report do not represent a full independent audit of the data supplied. In particular, GAD has relied on the general completeness and accuracy of the information without independent verification.

GAD has no liability to any person or third party for any act or omission taken, either in whole or in part, on the basis of this report.

The 2020 data used in this report comes from three sources:

**Data available from individual funds' 2020 valuation reports**

**Data published annually by SPPA in their Scottish Local Government Financial Statistics**

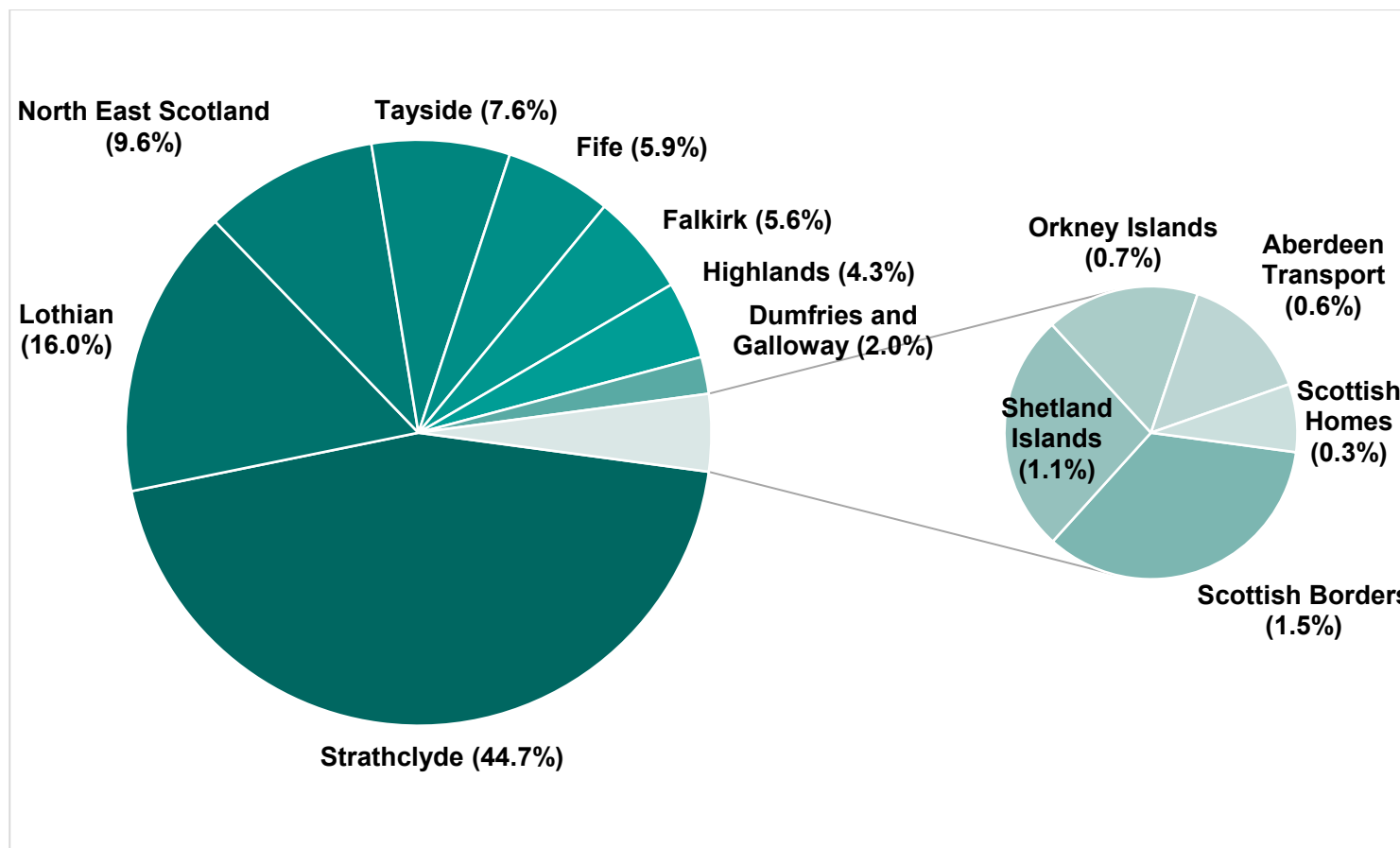
**Data collected from the 2020 actuarial valuations; provided by local funds and their actuarial advisors**

We have used data from the 2017 section 13 report published in 2019 as a comparator.

## 2. Funding levels on local valuation bases

Chart 1 shows the split of local fund liabilities in LGPS Scotland by individual fund. As in 2017, Strathclyde and Lothian Pension funds represent around 60% of the total liabilities; whereas the closed funds (Aberdeen Transport and Scottish Homes) amount to around 1% of the total liabilities.

**Chart 1: Graph to show split of fund liabilities in LGPS Scotland by individual funds**

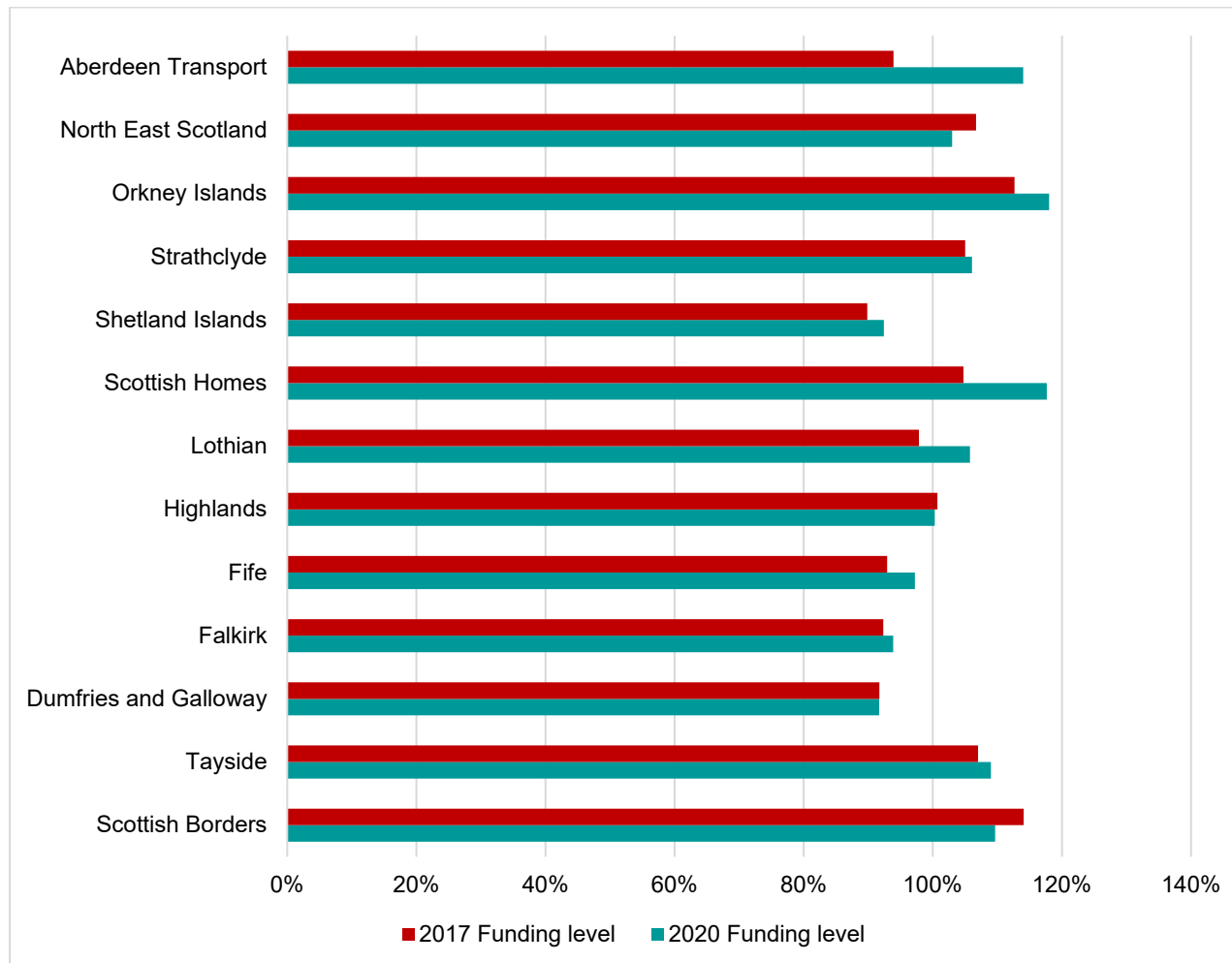


Scottish local government consists of 32 local authorities. These participate in the LGPS Scotland through eleven administering authorities. The local authorities are allocated across these administering authorities as shown in Appendix I of the appendices report.

For ease of reference shortened fund names have been used in this report. A list of the abbreviated and complete fund names are provided in Appendix A.

Despite a fall in assets as at 31 March 2020, the majority of funds improved their funding level on their local funding basis. Chart 2 shows how funding levels have changed between 2017 and 2020. Over the period total scheme assets increased by £3 billion.

**Chart 2: Graph to show funding level in 2020 compared to 2017 of individual funds**



### 3. Contribution rates

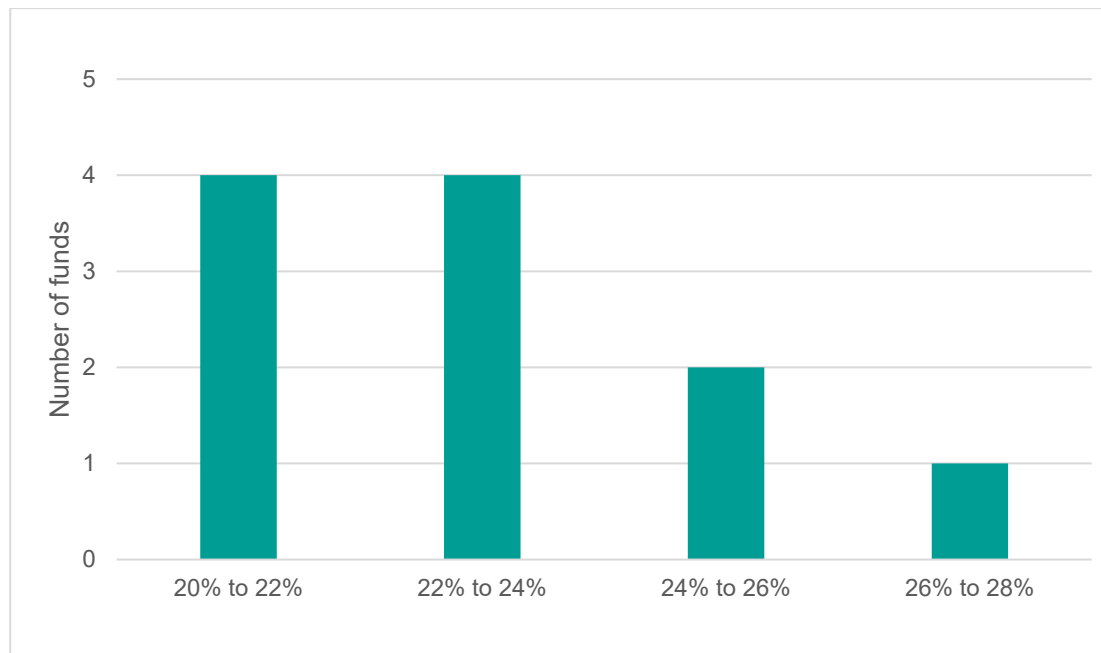
**Table 1: Total LGPS Scotland expected Employer Contributions**

Contribution	2021-22 £bn	2022-23 £bn	2023-24 £bn
Primary contributions	1.35	1.39	1.43
Secondary contributions	-0.24	-0.25	-0.25
Total Employer contributions	1.11	1.14	1.18

Secondary contribution rates are negative where a fund has decided to reduce its' surplus by paying less contributions than the primary contribution rate (the expected cost of future benefits).

The total employer contribution amounts for 2021-24 are shown in Table 1. Since 2017 the average contribution rate has increased slightly, but this is not the case for all funds.

**Chart 3: Number of funds split by primary contribution rate in 2020**



The distribution of different primary contribution rates for the open funds is shown in Chart 3. There was some variation in primary rates, but all funds set rates between 20% and 28%.

## 4. Investments

The overall 2020 asset allocation for LGPS Scotland has changed since 31 March 2017. However, the broad asset split between return seeking and defensive assets is broadly similar to that in 2017.

**Chart 4: Shows the average weighted investment strategy of the open funds**

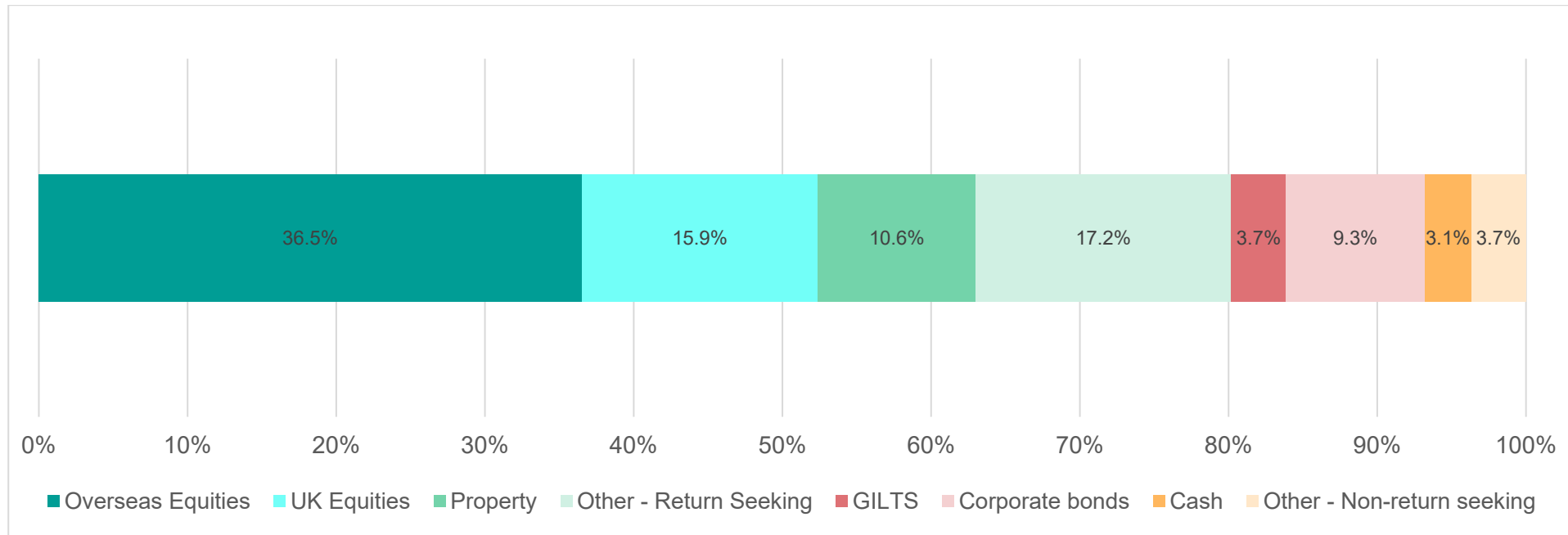


Chart 4 shows the open funds weighted average investment strategy. We noted that the holding in overseas equities fell from 48.6% to 36.5% and UK equities fell from 20.9% to 15.9% between 2017 and 2020. This may in part be due to market conditions as at the valuation date, but we also note an increase in the more diversified other return seeking asset categories.

The majority of the LGPS S investment remains in equities, with the bulk of this investment in overseas. Of the defensive assets, corporate bonds have the biggest asset allocation.



## Appendix A – Fund abbreviations

<b>Pension Fund</b>	<b>Abbreviation</b>
Dumfries and Galloway Council Pension Fund	Dumfries and Galloway
Falkirk Council Pension Fund	Falkirk
Fife Pension Fund	Fife
Lothian Pension Fund	Lothian
North East Scotland Pension Fund	North East Scotland
Orkney Islands Council Pension Fund	Orkney Islands
Scottish Borders Pension Fund	Scottish Borders
Shetland Islands Council Pension Fund	Shetland Islands
Strathclyde Pension Fund	Strathclyde
Tayside Pension Fund	Tayside
The Highland Council Pension Fund	Highlands

# Appendix B – Individual fund dashboards



**Aberdeen City Council Transport Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	114.0%
Funding level (change since previous valuation)	20.0%
Asset value used at valuation	£309,000,000
Value of liabilities	£272,000,000
Surplus (deficit)	£37,000,000
Discount rate(s)	0.7%
Assumed pension increases (CPI)	2.3%
Method of derivation of discount rate, plus any changes from last valuation	see appendix A valuation report
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	21.3 years
Average life expectancy for current pensioners - women currently age 65	24.7 years
Average life expectancy for future pensioners - men currently age 45	23.6 years
Average life expectancy for future pensioners - women currently age 45	27.4 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£309,000,000
Value of liabilities	£151,000,000
Funding Level on SAB basis (assets/liabilities)	205%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	43.7%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£1,213,982		
Secondary contributions 2022/23	-£1,249,152		
Secondary contributions 2023/24	-£1,285,493		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£0	Based on assumed payroll of	£2,457,625
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£0	Based on assumed payroll of	£2,538,105
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£0	Based on assumed payroll of	£2,621,265
Average employee contribution rate (%of pay)	6.3%		
Employee contribution rate (£ figure based on assumed payroll)	£154,830	Based on assumed payroll of	£2,457,625

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	100.0%





**Dumfries and Galloway Council Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	91.7%
Funding level (change since previous valuation)	0.0%
Asset value used at valuation	£825,521,000
Value of liabilities	£900,281,865
Surplus (deficit)	-£74,760,865
Discount rate(s)	3.4%
Assumed pension increases (CPI)	1.7%

Method of derivation of discount rate, plus any changes from last valuation

There is a 70% likelihood that the Fund's investments will return at least 3.4% over the next 15 years based on a stochastic asset projection.

Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.9 years
Average life expectancy for current pensioners - women currently age 65	23.3 years
Average life expectancy for future pensioners - men currently age 45	21.9 years
Average life expectancy for future pensioners - women currently age 45	25.2 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£825,521,000
Value of liabilities	£799,837,246
Funding Level on SAB basis (assets/liabilities)	103%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	21.1%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	£1,237,000		
Secondary contributions 2022/23	£1,267,000		
Secondary contributions 2023/24	£1,298,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£23,830,300	Based on assumed payroll of	£107,077,251
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£24,433,910	Based on assumed payroll of	£109,795,782
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£24,464,910	Based on assumed payroll of	£109,795,782
Average employee contribution rate (% of pay)	6.0%		
Employee contribution rate (£ figure based on assumed payroll)	£6,424,635	Based on assumed payroll of	£107,077,251

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	4.5%





**Falkirk Council Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	93.9%
Funding level (change since previous valuation)	1.5%
Asset value used at valuation	£2,328,911,000
Value of liabilities	£2,481,214,743
Surplus (deficit)	-£152,303,743
Discount rate(s)	3.2%
Assumed pension increases (CPI)	1.7%
Method of derivation of discount rate, plus any changes from last valuation	There is a 75% likelihood that the Fund's investments will return at least 3.2% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.5 years
Average life expectancy for current pensioners - women currently age 65	23.1 years
Average life expectancy for future pensioners - men currently age 45	21.9 years
Average life expectancy for future pensioners - women currently age 45	25.2 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£2,328,911,000
Value of liabilities	£2,113,350,414
Funding Level on SAB basis (assets/liabilities)	110%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	21.9%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	£1,529,000		
Secondary contributions 2022/23	£1,293,000		
Secondary contributions 2023/24	£2,957,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£72,234,817	Based on assumed payroll of	£322,857,612
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£73,648,785	Based on assumed payroll of	£330,391,711
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£77,001,256	Based on assumed payroll of	£338,101,624
Average employee contribution rate (%of pay)	6.1%		
Employee contribution rate (£ figure based on assumed payroll)	£19,694,314	Based on assumed payroll of	£322,857,612

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	6.1%





**Fife Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	97.2%
Funding level (change since previous valuation)	4.3%
Asset value used at valuation	£2,535,587,000
Value of liabilities	£2,607,905,491
Surplus (deficit)	£-72,318,491
Discount rate(s)	3.1%
Assumed pension increases (CPI)	1.7%
Method of derivation of discount rate, plus any changes from last valuation	There is a 70% likelihood that the Fund's investments will return at least 3.1% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.3 years
Average life expectancy for current pensioners - women currently age 65	23.1 years
Average life expectancy for future pensioners - men currently age 45	21.6 years
Average life expectancy for future pensioners - women currently age 45	25.1 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£2,535,587,000
Value of liabilities	£2,200,901,557
Funding Level on SAB basis (assets/liabilities)	115%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	25.5%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	£-3,550,000		
Secondary contributions 2022/23	£-3,454,000		
Secondary contributions 2023/24	£-3,339,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£84,550,923	Based on assumed payroll of	£345,493,817
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£86,612,390	Based on assumed payroll of	£353,201,528
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£88,736,704	Based on assumed payroll of	£361,081,191
Average employee contribution rate (% of pay)	6.0%		
Employee contribution rate (£ figure based on assumed payroll)	£20,729,629	Based on assumed payroll of	£345,493,817

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	6.3%





**Lothian Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	105.8%
Funding level (change since previous valuation)	7.9%
Asset value used at valuation	£7,479,118,788
Value of liabilities	£7,071,426,818
Surplus (deficit)	£407,691,971
Discount rate(s)	3.0%
Assumed pension increases (CPI)	2.0%
Method of derivation of discount rate, plus any changes from last valuation	There is a 75% likelihood that the Fund's investments will return at least 3.0% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.5 years
Average life expectancy for current pensioners - women currently age 65	23.3 years
Average life expectancy for future pensioners - men currently age 45	22.0 years
Average life expectancy for future pensioners - women currently age 45	25.2 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£7,479,118,788
Value of liabilities	£5,647,440,430
Funding Level on SAB basis (assets/liabilities)	132%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	23.1%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£11,262,000		
Secondary contributions 2022/23	-£11,378,000		
Secondary contributions 2023/24	-£11,530,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£179,980,296	Based on assumed payroll of	£827,888,729
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£184,577,231	Based on assumed payroll of	£848,291,045
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£189,254,311	Based on assumed payroll of	£869,196,152
Average employee contribution rate (% of pay)	6.2%		
Employee contribution rate (£ figure based on assumed payroll)	£51,329,101	Based on assumed payroll of	£827,888,729

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	10.1%





## North East Scotland Pension Fund

## Dashboard summary

### Past service funding position - local funding basis

Funding level (assets/liabilities)		103.0%
Funding level (change since previous valuation)		-4.0%
Asset value used at valuation		£4,367,000,000
Value of liabilities		£4,254,000,000
Surplus (deficit)		£113,000,000
Discount rate(s)		3.35 past service, 3.6 future service
Assumed pension increases (CPI)		2.1%
Method of derivation of discount rate, plus any changes from last valuation	see appendix A valuation report	
Assumed Life expectancies for pensioners at age 65		
Average life expectancy for current pensioners - men currently age 65		21.4 years
Average life expectancy for current pensioners - women currently age 65		24.1 years
Average life expectancy for future pensioners - men currently age 45		23.0 years
Average life expectancy for future pensioners - women currently age 45		26.2 years

### Past service funding position - SAB basis (for comparison purposes only)

Market value of assets		£4,367,000,000
Value of liabilities		£3,494,000,000
Funding Level on SAB basis (assets/liabilities)		125%
Funding level on SAB basis (change since last valuation)		n/a

### Contribution rates payable

Primary contribution rate:		21.7%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):				
Secondary contributions 2021/22	-£13,700,000			
Secondary contributions 2022/23	-£16,100,000			
Secondary contributions 2023/24	-£14,900,000			
Giving total expected contributions:				
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£104,000,000	Based on assumed payroll of	£543,000,000	
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£106,000,000	Based on assumed payroll of	£563,000,000	
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£111,800,000	Based on assumed payroll of	£584,000,000	
Average employee contribution rate (%of pay)	6.1%			
Employee contribution rate (£ figure based on assumed payroll)	£33,100,000	Based on assumed payroll of	£543,000,000	

### Additional information

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	2.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	6.0%







**Orkney Islands Council Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	118.0%
Funding level (change since previous valuation)	5.3%
Asset value used at valuation	£376,584,000
Value of liabilities	£319,127,740
Surplus (deficit)	£57,456,260
Discount rate(s)	2.9%
Assumed pension increases (CPI)	1.7%
Method of derivation of discount rate, plus any changes from last valuation	There is a 75% likelihood that the Fund's investments will return at least 2.9% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	21.5 years
Average life expectancy for current pensioners - women currently age 65	23.9 years
Average life expectancy for future pensioners - men currently age 45	23.2 years
Average life expectancy for future pensioners - women currently age 45	26.1 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£376,584,000
Value of liabilities	£257,739,890
Funding Level on SAB basis (assets/liabilities)	146%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	24.0%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£3,184,464		
Secondary contributions 2022/23	-£3,255,507		
Secondary contributions 2023/24	-£3,328,135		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£7,733,698	Based on assumed payroll of	£45,492,339
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£7,906,231	Based on assumed payroll of	£46,507,240
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£8,082,613	Based on assumed payroll of	£47,544,782
Average employee contribution rate (%of pay)	6.0%		
Employee contribution rate (£ figure based on assumed payroll)	£2,729,540	Based on assumed payroll of	£45,492,339

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	0.1%





**Scottish Borders Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	109.7%
Funding level (change since previous valuation)	-4.4%
Asset value used at valuation	£712,858,000
Value of liabilities	£650,083,530
Surplus (deficit)	£62,774,470
Discount rate(s)	3.8%
Assumed pension increases (CPI)	1.9%
Method of derivation of discount rate, plus any changes from last valuation	There is a 70% likelihood that the Fund's investments will return at least 3.8% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.9 years
Average life expectancy for current pensioners - women currently age 65	23.5 years
Average life expectancy for future pensioners - men currently age 45	21.9 years
Average life expectancy for future pensioners - women currently age 45	25.4 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£712,858,000
Value of liabilities	£598,890,112
Funding Level on SAB basis (assets/liabilities)	119%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	22.1%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£3,396,626		
Secondary contributions 2022/23	-£3,474,840		
Secondary contributions 2023/24	-£3,119,777		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£15,369,683	Based on assumed payroll of	£84,915,425
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£15,783,104	Based on assumed payroll of	£87,140,021
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£16,642,683	Based on assumed payroll of	£89,422,896
Average employee contribution rate (%of pay)	6.0%		
Employee contribution rate (£ figure based on assumed payroll)	£5,094,926	Based on assumed payroll of	£84,915,425

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	0.0%





**Scottish Homes Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	117.7%
Funding level (change since previous valuation)	12.9%
Asset value used at valuation	£166,070,000
Value of liabilities	£141,138,742
Surplus (deficit)	£24,931,258
Discount rate(s)	0.6%
Assumed pension increases (CPI)	2.2%
Method of derivation of discount rate, plus any changes from last valuation	Bank of England nominal yield curve (rates shown above are 13 year spot rates)
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.8 years
Average life expectancy for current pensioners - women currently age 65	23.3 years
Average life expectancy for future pensioners - men currently age 45	21.1 years
Average life expectancy for future pensioners - women currently age 45	26.0 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£166,070,000
Value of liabilities	£87,733,592
Funding Level on SAB basis (assets/liabilities)	189%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	0.0%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	£90,000		
Secondary contributions 2022/23	£90,000		
Secondary contributions 2023/24	£90,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£90,000	Based on assumed payroll of	£0
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£90,000	Based on assumed payroll of	£0
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£90,000	Based on assumed payroll of	£0
Average employee contribution rate (%of pay)	0.0%		
Employee contribution rate (£ figure based on assumed payroll)	£0	Based on assumed payroll of	£0

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	0.0%





**Shetland Islands Council Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)	92.4%
Funding level (change since previous valuation)	2.6%
Asset value used at valuation	£460,699,560
Value of liabilities	£498,457,249
Surplus (deficit)	-£37,757,689
Discount rate(s)	3.4%
Assumed pension increases (CPI)	1.7%
Method of derivation of discount rate, plus any changes from last valuation	There is a 70% likelihood that the Fund's investments will return at least 3.4% over the next 20 years based on a stochastic asset projection.
Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	20.9 years
Average life expectancy for current pensioners - women currently age 65	23.1 years
Average life expectancy for future pensioners - men currently age 45	22.4 years
Average life expectancy for future pensioners - women currently age 45	25.3 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£460,699,560
Value of liabilities	£444,902,256
Funding Level on SAB basis (assets/liabilities)	104%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	22.3%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£1,075,637		
Secondary contributions 2022/23	£145,882		
Secondary contributions 2023/24	£222,581		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£14,915,497	Based on assumed payroll of	£71,709,118
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£16,411,698	Based on assumed payroll of	£72,940,879
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£16,767,798	Based on assumed payroll of	£74,193,797
Average employee contribution rate (%of pay)	6.2%		
Employee contribution rate (£ figure based on assumed payroll)	£4,445,965	Based on assumed payroll of	£71,709,118

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	10.1%





**Strathclyde Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)		106.1%
Funding level (change since previous valuation)		1.1%
Asset value used at valuation	£20,940,681,000	
Value of liabilities	£19,743,688,870	
Surplus (deficit)	£1,196,992,130	
Discount rate(s)		3.0%
Assumed pension increases (CPI)		1.9%
Method of derivation of discount rate, plus any changes from last valuation	There is a 70% likelihood that the Fund's investments will return at least 3.0% over the next 13 years based on a stochastic asset projection.	
Assumed Life expectancies for pensioners at age 65		
Average life expectancy for current pensioners - men currently age 65		19.9 years
Average life expectancy for current pensioners - women currently age 65		22.6 years
Average life expectancy for future pensioners - men currently age 45		21.3 years
Average life expectancy for future pensioners - women currently age 45		24.7 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£20,940,681,000
Value of liabilities	£15,634,928,241
Funding Level on SAB basis (assets/liabilities)	134%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	26.7%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£177,677,654		
Secondary contributions 2022/23	-£182,370,994		
Secondary contributions 2023/24	-£187,188,309		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£490,490,425	Based on assumed payroll of	£2,502,502,170
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£503,446,689	Based on assumed payroll of	£2,568,605,554
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£516,745,191	Based on assumed payroll of	£2,636,455,054
Average employee contribution rate (%of pay)	6.2%		
Employee contribution rate (£ figure based on assumed payroll)	£155,155,135	Based on assumed payroll of	£2,502,502,170

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	6.0%



**Tayside Pension Fund**

**Dashboard summary**

**Past service funding position - local funding basis**

Funding level (assets/liabilities)		109.0%
Funding level (change since previous valuation)		2.0%
Asset value used at valuation	£3,658,000,000	
Value of liabilities	£3,369,000,000	
Surplus (deficit)	£289,000,000	
Discount rate(s)		3.9%
Assumed pension increases (CPI)		2.4%
Method of derivation of discount rate, plus any changes from last valuation	In line with Funding Strategy Statement	
Assumed Life expectancies for pensioners at age 65		
Average life expectancy for current pensioners - men currently age 65		19.2 years
Average life expectancy for current pensioners - women currently age 65		22.4 years
Average life expectancy for future pensioners - men currently age 45		20.6 years
Average life expectancy for future pensioners - women currently age 45		24.0 years

**Past service funding position - SAB basis (for comparison purposes only)**

Market value of assets	£3,672,000,000
Value of liabilities	£2,894,000,000
Funding Level on SAB basis (assets/liabilities)	127%
Funding level on SAB basis (change since last valuation)	n/a

**Contribution rates payable**

Primary contribution rate:	22.9%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£25,000,000		
Secondary contributions 2022/23	-£26,000,000		
Secondary contributions 2023/24	-£27,000,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£73,000,000	Based on assumed payroll of	£430,000,000
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£76,000,000	Based on assumed payroll of	£444,000,000
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£78,000,000	Based on assumed payroll of	£459,000,000
Average employee contribution rate (%of pay)	6.1%		
Employee contribution rate (£ figure based on assumed payroll)	£26,000,000	Based on assumed payroll of	£430,000,000

**Additional information**

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	6.0%





## The Highland Council Pension Fund

## Dashboard summary

### Past service funding position - local funding basis

Funding level (assets/liabilities)	100.3%
Funding level (change since previous valuation)	-0.4%
Asset value used at valuation	£1,892,287,000
Value of liabilities	£1,886,671,724
Surplus (deficit)	£5,615,276
Discount rate(s)	3.2%
Assumed pension increases (CPI)	1.7%

Method of derivation of discount rate, plus any changes from last valuation

There is a 75% likelihood that the Fund's investments will return at least 3.2% over the next 20 years based on a stochastic asset projection.

Assumed Life expectancies for pensioners at age 65	
Average life expectancy for current pensioners - men currently age 65	21.0 years
Average life expectancy for current pensioners - women currently age 65	23.5 years
Average life expectancy for future pensioners - men currently age 45	22.4 years
Average life expectancy for future pensioners - women currently age 45	25.5 years

### Past service funding position - SAB basis (for comparison purposes only)

Market value of assets	£1,892,287,000
Value of liabilities	£1,616,345,443
Funding Level on SAB basis (assets/liabilities)	117%
Funding level on SAB basis (change since last valuation)	n/a

### Contribution rates payable

Primary contribution rate:	21.2%		
Secondary contribution rate (cash amounts each year in line with CIPFA guidance):			
Secondary contributions 2021/22	-£4,581,000		
Secondary contributions 2022/23	-£4,671,000		
Secondary contributions 2023/24	-£4,772,000		
Giving total expected contributions:			
Total expected contributions 2021/22 (£ figure based on assumed payroll)	£46,132,354	Based on assumed payroll of	£239,213,935
Total expected contributions 2022/23 (£ figure based on assumed payroll)	£47,329,890	Based on assumed payroll of	£245,287,218
Total expected contributions 2023/24 (£ figure based on assumed payroll)	£48,549,115	Based on assumed payroll of	£251,514,693
Average employee contribution rate (% of pay)	6.1%		
Employee contribution rate (£ figure based on assumed payroll)	£14,592,050	Based on assumed payroll of	£239,213,935

### Additional information

Percentage of liabilities relating to employers with deficit recovery periods longer than 20 years	0.0%
Percentage of total liabilities that are in respect of employers participating in LGPS (S) who have no local or national taxpayer backing, nor a full guarantee, or other pass-through arrangement, with a body with such backing.	7.9%

