



IAS 26 Results

Whole of Pension Fund Accounting 2023

Prepared for: City and County of Swansea, as Administering Authority to the City and County of Swansea Pension Fund
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Date: 19 May 2023

Glossary

Accounting Date	31 March 2023
Fund	City and County of Swansea Pension Fund
Fund Administering Authority	City and County of Swansea
2022 Valuation	Actuarial Valuation of the City and County of Swansea Pension Fund as at 31 March 2022 as reported in the document titled 'Report on the 31 March 2022 actuarial valuation' dated 30 March 2023'

Introduction

Why bring you this report?

This report is commissioned by and addressed to City and County of Swansea (the Addressee).

This report sets out pension cost information required by the Fund Administering Authority in order to meet their disclosure requirements in relation to their pension obligations as specified by the accounting standard, IAS 26.

We have carried out this work in relation to benefits payable from the Fund.

Related documents

The advice provided in this report is supported by advice contained in the following documents:

- IAS 26 Terms of Reference - Whole of Pension Fund accounting 2023 ('Terms of Reference').
- IAS 26 Assumptions Advice - Whole of Pension Fund accounting 2023 ('Assumptions Advice').

In addition, the following documents should be referred to:

- 2022 Valuation report

Background

CIPFA's Code of Practice indicates that the Fund accounts for the year ending 31 March 2023 should disclose the "actuarial present value of the promised retirement benefits" as set out in IAS 26 and that the actuarial present value should be calculated on assumptions set in accordance with IAS 19 rather than on the funding assumptions.

CIPFA put forward three options for disclosing the actuarial present value of promised retirement benefits. Further detail on these can be found in our Terms of Reference.

The Fund Administering Authority has chosen option B which was confirmed to us in an e-mail dated 12 April 2023. Option B requires the actuarial valuation of the liabilities on an IAS 19 basis to be prepared at formal triennial valuations only, the most recent being as at 31 March 2022. Under option B this, together with other related information, should be disclosed in the notes to the accounts.

The calculations contained in this document have been carried out on a basis consistent with our understanding of IAS 19.

I confirm that I am an independent qualified actuary.

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Methodology

The approach to our calculations was set out in the Terms of Reference and Appendix A of this report.

IAS 26 disclosures

IAS 26 requires the 'actuarial present value of the promised retirement benefits' to be disclosed, which is the IAS 26 terminology for what IAS 19 refers to as the 'defined benefit obligation'.

The information set out below relates to the actuarial present value of the promised retirement benefits in the Fund which is part of the Local Government Pension Scheme.

The LGPS is a funded defined benefit plan with benefits earned up to 31 March 2014 being linked to final salary. Benefits after 31 March 2014 are based on a Career Average Revalued Earnings scheme. Details of the benefits covered by these figures are set out in 'The Local Government Pension Scheme Regulations 2013' (as amended) and 'The Local Government Pension Scheme (Transitional Provisions, Savings and Amendment) Regulations 2014' (as amended).

Actuarial present value of promised retirement benefits

CIPFA's Code of Practice on local authority accounting for 2022/23 sets out that the actuarial present value of promised retirement benefits based on projected salaries should be disclosed.

The results as at 31 March 2022, together with the results as at 31 March 2019 are shown in the table below. The corresponding fair value of Fund assets is also shown in order to show the level of surplus or deficit within the Fund when the liabilities are valued using IAS 19 assumptions.

We do not believe the Fund Administering Authority needs to show the 2019 figures under IAS 26 if it does not wish to do so. The Code of Practice is not clear if the fair value of assets and the surplus / deficit at 31 March 2022 also needs to be disclosed but you may want to include these figures for clarity.

	Value as at 31 March 2022 (£M)	Value as at 31 March 2019 (£M)
Fair value of net assets	2,924.2	2,044.0
Actuarial present value of the defined benefit obligation*	3,989.8	3,215.9
Surplus / (deficit) in the Fund as measured for IAS 26 purposes	(1,065.6)	(1,171.9)

*The actuarial present value of the defined benefits obligation includes an estimated liability in relation to the McCloud/Sargeant judgement of £56.8M at 31 March 2022 and £35.4M at 31 March 2019. Please refer to the 2022 valuation report for more information on the McCloud/Sargeant judgement.

Assumptions

The latest full triennial actuarial valuation of the Fund's liabilities was carried out as at 31 March 2022. The principal assumptions used for the purpose of IAS 26 by the Fund's independent qualified actuaries were:

	31 March 2022	31 March 2019
Discount rate	2.70%	2.40%
CPI inflation ^{(1) (2)}	3.00%	2.20%
Salary increases ⁽³⁾	4.50%	3.70%

Notes

- (1) Pension increases on pension in excess of Guaranteed Minimum Pension in payment where appropriate.
- (2) The assumption for the revaluation rate of pension accounts is set equal to the assumption for pension increases. In the 2022 assumption we have also made allowance for higher actual CPI for the period 30 September 2021 to 31 March 2022, where 30 September 2021 is the date of the reference CPI index that the Scheme's benefits had been increased by in April 2022.
- (3) A promotional salary scale is assumed to apply in addition to this, at the rates assumed in the relevant valuation of the Fund.

Demographic assumptions

The mortality assumptions are based on actual mortality experience of members within the Fund based on an analysis carried out as part of the 2022 Actuarial Valuation and allow for expected future mortality improvements. Sample life expectancies at age 65 in normal health resulting from these mortality assumptions are shown below:

	31 March 2022	31 March 2019
Males		
Future lifetime from age 65 (pensioners aged 65 at 31 March 2022)	22.1	22.4
Future lifetime from age 65 (actives aged 45 at 31 March 2022)	22.8	23.4
Females		
Future lifetime from age 65 (pensioners aged 65 at 31 March 2022)	24.6	24.4
Future lifetime from age 65 (actives aged 45 at 31 March 2022)	25.7	25.9

Different mortality assumptions have been used for other categories of member as set out in the actuary's report on the 2022 valuation. Assumptions for the rates of withdrawal and ill health retirements (for active members), the allowance made for cash commutation on retirement, and the proportion of members whose death gives rise to a dependant's pension are the same as those adopted in the 2022 valuation of the Fund, which are detailed in the actuary's valuation report.

Key risks associated with reporting under IAS 26 and sensitivity

Volatility of results

Results under IAS 26 can change dramatically depending on market conditions. The defined benefit obligation is linked to yields on AA-rated corporate bonds, while a significant proportion of the assets of the Fund are invested in equities and other growth assets. Changing markets in conjunction with discount rate volatility will lead to volatility in the funded status of the pension fund. For example:

- A decrease in corporate bond yields will increase the value placed on the liabilities for accounting purposes, although this will be marginally offset by the increase in the assets as a result (to the extent the Fund invests in corporate bonds).
- The majority of the pension liabilities are linked to either pay or price inflation. Higher inflation expectations will lead to a higher liability value. The assets are not perfectly correlated with inflation meaning that an increase in inflation will increase the deficit.
- The majority of the Fund's obligations are to provide benefits for the life of the member following retirement, so increases in life expectancy will result in an increase in the liabilities.

Post balance sheet date experience

Since 31 March 2022 the Fund's assets have generally delivered lower than expected returns and inflation has been higher than expected. However, corporate bond yields have increased significantly which will have led to a reduction in the value of the defined benefit obligation (liabilities) on an accounting basis. We would expect the Funds' IAS 26 balance sheet position to have improved significantly over the year, with a lower IAS 26 deficit, at 31 March 2023 if the Fund had chosen to update the position annually.

If at any time during the year you want us to provide you with an update of the IAS 26 position, please let us know.

Choice of accounting assumptions

The calculation of the actuarial present value of the promised retirement benefits involves projecting future cash-flows from the Fund many years into the future. This means that the assumptions used can have a material impact on the surplus / deficit. As such, the Fund Administering Authority should ensure that it understands the reasoning behind the assumptions adopted and is comfortable that they are appropriate.

Furthermore, the Fund Administering Authority should bear in mind that, as required by the accounting standard, the assumptions (with the exception of the discount rate) have been set so that they represent a best estimate of future experience from the Fund. In practice future experience within the Fund may not be in line with the assumptions adopted. This means that the liabilities shown in this report only represent one view of the future and the true position could be different from those shown. For example, members could live longer than foreseen or inflation could be higher or lower than allowed for in the calculations.

Sensitivity of results to key assumptions

In order to understand the magnitude of the possible volatility in the balance sheet position and to understand which assumptions are most important in determining the

size of the liabilities, it is helpful to understand how sensitive the results are to the key assumptions.

IAS 19 requires entities to disclose information about the sensitivity of the defined benefit obligation to changes in key assumptions although it is not clear that IAS 26 or the CIPFA Code of Practice requires this information. Nevertheless, we have set out below how the results would alter by changing the discount rate, the pay increase assumption and pension increase assumption by plus or minus 0.1% and if life expectancy was to reduce or increase by 1 year. In each case, only the assumption mentioned is altered; all other assumptions remain the same.

Discount rate assumption

Adjustment to discount rate assumption	+0.1% £M	-0.1% £M
£ change to present value of the defined benefit obligation	(81.8)	83.5
% change in present value of defined benefit obligation	-2.1%	2.1%

Rate of general increase in salaries

Adjustment to salary increase rate assumption	+0.1% £M	-0.1% £M
£ change to present value of the defined benefit obligation	10.7	(10.6)
% change in present value of defined benefit obligation	0.3%	-0.3%

Rate of increase to pensions and rate of revaluation of pensions accounts

Adjustment to pension increase rate assumption	+0.1% £M	-0.1% £M
£ change to present value of the defined benefit obligation	72.9	(71.3)
% change in present value of defined benefit obligation	1.8%	-1.8%

Post retirement mortality assumption

Adjustment to members' life expectancy	- 1 year £M	+ 1 year £M
£ change to present value of the defined benefit obligation	(164.4)	166.6
% change in present value of defined benefit obligation	-4.1%	4.2%

Membership data

A summary of the membership data used in these calculations is set out in the 2022 Valuation report.

Appendix A: Explanation of actuarial methods used

Benefits

Our calculations relate to benefits payable from the Fund (as set out in LGPS Regulations at the relevant times – further details can be found in the 2022 valuation report). These benefits include retirement pensions and benefits on members' death and leaving service.

Unfunded defined benefit obligations e.g. discretionary pensions benefits being paid under the Local Government (Early Termination of Employment) (Discretionary Compensation) Regulations (generally referred to as Compensatory Added Years), have not been valued as they do not form part of the Fund. However, they may be required in the IAS 19 figures prepared for individual employers within the Fund.

Data

The valuation of accrued pension benefits for IAS 26 purposes requires detailed information in respect of each member such as date of birth, gender, date of joining the fund, their accrued pension and so forth.

This information was supplied by the Fund Administering Authority for the 2022 formal actuarial valuation of the Fund in the form of a standardised data extract from the Fund Administering Authority's administration systems.

The formal valuation process (which is a precursor to the valuation for IAS 26 purposes) involves a series of structured validation tests on the data items for integrity and reasonableness. These tests, together with any actions taken in respect of specific data issues, are documented as part of the normal valuation process.

Where tests reveal issues with the data, the Fund Administering Authority is contacted with a view to resolving all data queries. Only when the data queries have been resolved to the satisfaction of the Fund Actuary, will the valuation proceed.

We can confirm that no data issues were identified at the 2022 valuation that we believe would have a material effect on the calculations presented in this report. Overall, it is our opinion that the data presented at the valuation is sufficiently accurate, relevant and complete for the Fund Administering Authority to rely on the resulting IAS 19 (IAS 26) figures.

Assumptions

IAS 19 sets out the following general requirements for the setting of assumptions:

- Actuarial assumptions shall be unbiased and mutually compatible; and
- Financial assumptions shall be based on market expectations, at the balance sheet date, for the period over which the obligations are to be settled.

Furthermore IAS 19 requires that the assumed discount rate is determined by reference to market yields at the balance sheet date on high quality corporate bonds

and in countries where there is no deep market in such bonds, the market yield (at the balance sheet date) on government bonds shall be used.

The assumptions are ultimately the responsibility of the Fund Administering Authority. Any assumptions that are affected by economic conditions (financial assumptions) should reflect market expectations at the balance sheet date.

The key financial assumptions are set out in "Information required for IAS 26" and the derivation of the assumptions is set out in our assumptions letter referred to in the Related Documents section.

Method of calculation

The figures at 31 March 2022 have been based on a full calculation of the liabilities using the data summarised in this report and the assumptions set out in the Assumptions Advice. Further information on the method was set out in the Terms of Reference.

Assets

IAS 19 requires that assets be valued at Fair Value which is defined as the amount for which an asset could be exchanged or a liability settled between knowledgeable, willing parties in an arm's length transaction. For the purposes of this exercise we have taken the asset values directly from the Fund's audited annual accounts as at 31 March 2022.

The assets do not include defined contribution Additional Voluntary Contributions.

The audited accounts for the Fund for the year ended 31 March 2022 show the assets were £2,924.2M.

Treatment of risk benefits

To value the risk benefits paid on death in service and ill health early retirement we have valued service related benefits based on service completed to the date of calculation only.

Expenses

Fund administration expenses are not reserved for in the net present value of actuarial liabilities, consistent with the treatment adopted for individual employers who require IAS 19 disclosures.

IFRIC 14

IFRIC 14 is an interpretation of paragraph 58 of the IAS 19 accounting standard setting out limits to the amount of surplus that can be recognised by employing organisations in their accounts. We do not believe it has any relevance to IAS 26.

Appendix B: Compliance and disclaimer

This document has been prepared in accordance with the framework below.

Compliance with Professional Standards

This document, and the work relating to it, complies with 'Technical Actuarial Standard 100: Principles for Technical Actuarial Work' ('TAS 100').

Disclaimer

The calculations contained in this report have been made on a basis consistent with our understanding of IAS 19 and IAS 26. Figures required for other purposes should be calculated in accordance with the specific requirements of those purposes. It must not be assumed that figures produced for the purposes of IAS 26, which we present in this report, have any relevance beyond the scope of IAS 26.

This report is prepared on the instructions of the Fund Administering Authority ("you" or "your") in relation to the preparation of accounting figures for your financial reporting as at the Accounting Date. It has been prepared at this date, for the purpose and on the basis set out in this report.

This report should not be used or relied upon by any person other than the Addressee for any other purpose including, without limitation, other professional advisers, including the auditors and accountants ("third parties" or "third party") to the Addressee. All third parties are hereby notified that this report shall not be used as a substitute for any enquiries, procedures or advice which ought to be undertaken or sought by them. We do not accept any responsibility for any consequences arising from any third party seeking to rely on this report.

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We recognise that the Fund Administering Authority's auditors may request to see a copy of our report, as part of their audit process and under statutory requirements. We agree that you may release our report to your auditors for such purpose however in making such disclosure you shall ensure that this disclaimer remains attached to this report, and you further agree that you shall ensure that your auditors have read this disclaimer. For the avoidance of doubt, if we are approached directly by any third party for copies of this report or requested to answer queries about the report, we will require such third party to accept a third party release non reliance letter agreeing that we did not prepare the report for the third party and we do not accept any legal obligations to them. Please rest assured that this approach does not affect our contractual obligations to you as our client, with whom we continue to hold a duty of care in accordance with our terms of engagement.

This report was based on data available to us at the effective date of our calculations and takes no account of developments after that date except where explicitly stated otherwise.

With respect to data on which we have relied in producing this report, whilst we have taken certain limited steps to satisfy ourselves that the data provided to us is of a quality sufficient for the purposes of our investigation, including carrying out certain basic tests for the purpose of detecting manifest inconsistencies, it is not possible for us to confirm the accuracy or completeness of the detailed information provided. Whilst the Fund Administering Authority may have relied on others for the maintenance of accurate data, it is their responsibility to ensure the adequacy of these arrangements and ultimately the Fund Administering Authority that bears the primary responsibility for the accuracy of such information provided.

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