Statement of the Actuary for the year ended 31 March 2020

Introduction

The Scheme Regulations require that a full actuarial valuation is carried out every third year. The purpose of this is to establish that the West Yorkshire Pension Fund (the Fund) is able to meet its liabilities to past and present contributors and to review employer contribution rates. The last full actuarial investigation into the financial position of the Fund was completed as at 31 March 2019 by Aon, in accordance with Regulation 62 of the Local Government Pension Scheme Regulations 2013.

Actuarial Position

1. The valuation as at 31 March 2019 showed that the funding level of the Fund had increased since the previous valuation with the market value of the Fund's assets as at 31 March 2019 (of £ 14,363.0M) covering 106% of the liabilities allowing, in the case of pre- 1 April 2014 membership for current contributors to the Fund, for future increases in pensionable pay.

2. The valuation also showed that the aggregate level of contributions required to be paid by participating employers with effect from 1 April 2020 was:

    - 18.0% of pensionable pay. This is the rate calculated as being sufficient, together with contributions paid by members, to meet the liabilities arising in respect of service after the valuation date (the primary rate),

    Plus

    - an allowance of 0.9% of pay for McCloud and cost management — see paragraph 9 below,

    Less

    - 2.3% of pensionable pay to restore the assets to 100% of the liabilities in respect of service prior to the valuation date over a recovery period of 22 years from 1 April 2020 (which together with the allowance above comprises the secondary rate).

3. In practice, each individual employer's or group of employers' position is assessed separately and contributions are set out in Aon's report dated 31 March 2020 (the "actuarial valuation report"). In addition to the contributions certified, payments to cover additional liabilities arising from early retirements (other than ill-health retirements) will be made to the Fund by the employers.

    Total contributions payable by all employers over the three years to 31 March 2023 are estimated to be:

Year from 1 April	% of pensionable pay	Plus total contribution amount (£M)
2020	16.3	3.4
2021	16.5	2.4
2022	16.6	1.9

4. The funding plan adopted in assessing the contributions for each employer is in accordance with the Funding Strategy Statement. Different approaches were adopted in relation to the calculation of the primary contribution rate, stepping of contribution increases and individual employers' recovery periods as agreed with the Administering Authority and set out in the Funding Strategy Statement, reflecting the employers' circumstances.

5. The valuation was carried out using the projected unit actuarial method for most employers and the main financial actuarial assumptions used for assessing the funding target and the contribution rates were as follows.

Discount rate for periods in service	
Scheduled and Subsumption body funding target * Intermediate funding targets*	4.35% p.a.
▪ Low risk scheduled bodies	4.10% p.a.
▪ Low risk admission bodies and medium risk scheduled bodies	3.95% p.a.
▪ Medium risk admission bodies and higher risk scheduled bodies	3.80% p.a.
Ongoing Orphan funding target	3.30% p.a.

Discount rate for periods after leaving service	
Scheduled and Subsumption body funding target *	4.35% p.a.
Intermediate funding targets*	
▪ Low risk scheduled bodies	4.10% p.a.
▪ Low risk admission bodies and medium risk scheduled bodies	3.95% p.a.
▪ Medium risk admission bodies and higher risk scheduled bodies	3.80% p.a.
Ongoing Orphan funding target	1.60% p.a

Rate of pay increases	3.35% p.a.
Rate of increase to pension accounts	2.10% p.a.
Rate of increases in pensions in payment (in excess of Guaranteed Minimum Pension)	2.10% p.a.

* *The Scheduled and Subsumption body and intermediate funding target discount rate as appropriate was also used for employers whose liabilities will be subsumed after exit by an employer subject to that funding target.*
In addition, the discount rate for already orphaned liabilities (i.e. where there is no scheme employer responsible for funding those liabilities and employer has exited the Fund) was 1.3% p.a.

The assets were valued at market value.

Further details of the assumptions adopted for the valuation, including the demographic assumptions, are set out in the actuarial valuation report.

6. The key demographic assumption was the allowance made for longevity. The post retirement mortality assumption adopted for the actuarial valuation was in line with standard self-administered pension scheme (SAPS) S2N mortality tables with appropriate scaling factors applied based on an analysis of the Fund's pensioner mortality experience and a Fund membership postcode analysis using Aon's Demographic HorizonsTM longevity model, and included an allowance for improvements based on the 2018 Continuous Mortality Investigation (CMI) Projections Model (CM12018), with a Sk of 7.5, Adjustment Parameter of 0.00 and long term annual rate of improvement in mortality rates of 1.5% p.a. The resulting average future life expectancies at age 65 (for normal health retirements) were:

	Men	Women
Current pensioners aged 65 at the valuation date	21.8	24.5
Current active members aged 45 at the valuation date	22.4	25.6

7. The valuation results summarised in paragraphs 1 and 2 above are based on the financial position and market levels at the valuation date, 31 March 2019. As such the results do not make allowance for changes which have occurred subsequent to the valuation date, although we comment on changes in market conditions to 31 March 2020 in paragraph 10 below.

8. The formal actuarial valuation report and the Rates and Adjustments Certificate setting out the employer contribution rates for the period from 1 April 2020 to 31 March 2023 were signed on 31 March 2020. Other than as agreed or otherwise permitted or required by the Regulations, employer contribution rates will be reviewed at the next actuarial valuation of the Fund as at 31 March 2022 in accordance with Regulation 62 of the Local Government Pension Scheme Regulations 2013.

9. There are a number of uncertainties regarding the Scheme benefits and hence liabilities:

- ## Increases to GMPs:

The 2019 valuation allows for the extension of the 'interim solution' for public service schemes to pay full inflationary increases on GMPs for those reaching State Pension Age (SPA) between 6 April 2016 and 5 April 2021. However, the Government is still exploring various options, including conversion of GMPs to Scheme benefits, in order to achieve equalisation for GMPs as required by the High Court judgement in the Lloyds Bank case.

The results of the 2019 valuation do not allow for the impact of potentially extending this interim solution indefinitely, providing full pension increases on GMPs for members reaching State Pension Age after 5 April 2021 nor for conversion of GMPs to Scheme benefits. Based on approximate calculations, at a whole of fund level, the impact of providing full pension increases on GMPs for those members reaching State Pension Age after 5 April 2021 is an increase in past service liabilities of between 0.1% to 0.2% across the Fund as a whole.

- ## Cost Management Process and McCloud judgement:

Initial results from the Scheme Advisory Board cost management process indicated that benefit improvements / member contribution reductions equivalent to 0.9% of pay would be required. However, the cost management process was paused following the Court of Appeal ruling that the transitional arrangements in both the Judges' Pension Scheme (McCloud) and Firefighters' Pension Scheme (Sargeant) constituted illegal age discrimination. Government confirmed that the judgement would be treated as applying to all public service schemes including the LGPS (where the transitional arrangements were in the form of a final salary underpin) and a consultation on changes to the LGPS is expected in June 2020.

The employer contributions certified from 1 April 2020 as part of the 2019 valuation include an allowance of 0.9% of pay in relation to the potential additional costs following the McCloud judgement / cost management process. This was a simplified approach which didn't take account of different employer membership profiles or funding targets and may be more or less than the assessed cost once the I-GPS changes have been agreed depending upon the precise nature of the new final salary underpin, the members in scope, and how this affects the cost management process.

10. Since the valuation date, Fund asset returns have fallen short of the assumed return of 4.35 % over the year to 31 March 2020, on its own leading to a reduction in the funding level. In addition, reduced expectations of future asset returns and falls in gilt yields have led to a decrease in the discount rates, further reducing funding levels and increasing the primary rate. The Actuary, in conjunction with the Administering Authority, will monitor the position on a regular basis and the Administering Authority will take action if it believes necessary. In order to avoid material contribution increases at the 2022 valuation contributions for employers will be reviewed before the next valuation as agreed and set out in the Rates and Adjustments Certificate.

    This Statement has been prepared by the Actuary to the Fund, Aon, for inclusion in the accounts of the Fund. It provides a summary of the results of the actuarial valuation which was carried out as at 31 March 2019. The valuation provides a snapshot of the funding position at the valuation date and is used to assess the future level of contributions required.

    This Statement must not be considered without reference to the formal actuarial valuation report which details fully the context and limitations of the actuarial valuation.

11. Aon does not accept any responsibility or liability to any party other than our client, City of Bradford Metropolitan District Council, the Administering Authority of the Fund, in respect of this Statement.

12. The report on the actuarial valuation as at 31 March 2019 is available on the Fund's website at the following address:

    https://www.wypf.org.uk/media/2850/wypf-2019-va luation-report.pdf

Aon

May 2020