

Nottinghamshire Pension Fund

(132) Mansfield and District Joint Crematorium

IAS19 Report as at 31 March 2025
v2

17 April 2025



Introduction

We have been instructed by Nottinghamshire County Council, the administering authority to the Nottinghamshire Pension Fund (the Fund), to undertake pension expense calculations in respect of pension benefits provided by the Local Government Pension Scheme (the LGPS). These benefits are provided to employees of Mansfield and District Joint Crematorium (the Employer) as at 31 March 2025. We have taken account of current LGPS Regulations, as amended, as at the date of this report.

This report should be read in conjunction with the 31 March 2025 accounting briefing note. The figures contained in this report are in respect of the Employer's pension obligations under the LGPS as at 31 March 2025. IAS19 also requires the disclosure of any other employer provided pension benefits which are not paid from the Fund itself. We have only valued such additional liabilities, which would not be covered in the formal LGPS valuation, to the extent that they have been notified to us and are as disclosed in the data section of this report.

[Please use this link to access the 31 March 2025 accounting briefing note if you have not obtained a copy.](#)

The LGPS is a defined benefit statutory scheme administered in accordance with the Local Government Pension Scheme Regulations 2013 and currently provides benefits based on career average revalued earnings. Full details of the benefits being valued are as set out in the Regulations and summarised on the LGPS website.

This report is addressed to the Fund, and is provided in our capacity as Fund Actuary to the Fund. The report may be shared with the Employer, provided that it is shared in its entirety, but it does not constitute advice to them. The Employer may also share the information contained in this report with their auditor, but BW neither assumes nor owes any duty or responsibility to any third party who relies on that information. Any liability to any third party is expressly disclaimed to the fullest extent permitted by law.

Barnett Waddingham does not provide, and shall not be responsible for, accounting or audit advice. From time to time, we may comment or otherwise give an opinion on any information, documentation, and/or guidance provided to us by or on behalf of the Fund. The Fund shall not rely on any such comment or opinion to make (or refrain from making) any decision or take (or refrain from taking) any action.

This report reflects our understanding of the relevant accounting and audit standards in force at the date of this report. It complies with Technical Actuarial Standard 100: General Actuarial Standards (TAS 100) as issued by the Financial Reporting Council (FRC).

Please note that we have incorporated an asset ceiling into the Employer's balance sheet. Further details of the approach taken are given later in this report.

This report supersedes previous versions of this report and has been updated to reflect the inclusion of an asset ceiling.

We would be pleased to answer any questions arising from this report.



Lucy Byrne FIA
Actuary

Data used

We have used the following items of data which we received from the administering authority and the Employer via the use of MS Forms:

| | |
|---|------------------|
| Results of the latest valuation as at | 31 March 2022 |
| Results of the previous IAS19 report (v1) as at | 31 March 2024 |
| Fund asset statement as at | 31 December 2024 |
| Fund income and expenditure items to | 31 December 2024 |
| Employer income and expenditure items to | 31 March 2025 |
| Details of any new unreduced early retirement payments to | 31 March 2025 |
| Details of any settlements to/from the Employer for the period to | 31 March 2025 |

The data has been checked for reasonableness, including consistency with previous valuation data where relevant, and the data is within tolerances for the purposes of this report.

Although some estimation of the data to the accounting date may be required, we do not believe it is likely to be significant to the results in this report.

We have not been notified of any significant changes or events since we received the data.

Employer membership statistics

The table below summarises the membership data at 31 March 2022 from the latest valuation for members receiving funded benefits, and as at 31 March 2022 for any members receiving unfunded benefits.

| Member data summary | Number | Salaries/Pensions £000s | Average age (salary/pension weighted) |
|---------------------|--------|----------------------------|---|
| Actives | 14 | 311 | 43 |
| Deferred pensioners | 15 | 16 | 43 |
| Pensioners | 12 | 60 | 54 |
| Unfunded pensioners | 2 | 0 | 75 |

Employer payroll

The total pensionable payroll and projected payroll for the Employer is set out below and is based on information provided to us by the administering authority. This has been used to calculate the service cost and projected service cost respectively.

| | |
|---|----------|
| Estimated payroll for the year to 31 March 2025 | £311,000 |
| Projected payroll for the year to 31 March 2026 | £324,000 |

Scheduled contributions

The table below summarises the minimum employer contributions due from the Employer to the Fund over this inter-valuation period. The Employer may pay further amounts at any time. Future contributions may be adjusted on a basis approved by us.

| | Primary rate | Secondary rate for period beginning: | | | Minimum employer contributions due for the period beginning: | | |
|------------------------------|--------------|--------------------------------------|------------|------------|--|------------|------------|
| | | 1 Apr 2023 | 1 Apr 2024 | 1 Apr 2025 | 1 Apr 2023 | 1 Apr 2024 | 1 Apr 2025 |
| Total percent of payroll | 21.3% | 0.0% | 0.0% | 0.0% | 21.3% | 21.3% | 21.3% |
| plus monetary amount (£000s) | | 9 | 9 | 10 | 9 | 9 | 10 |

Funding approach

The Employer currently participates in the Small Scheduled Bodies pool with other employers in order to share experience of risks they are exposed to in the Fund. At the 2022 valuation, the deficit for the whole pool was calculated and allocated to each employer in proportion to their value of liabilities. The next reallocation will be carried out at the 2025 valuation, should the Employer remain in the pool. Each employer within the pool pays a contribution rate based on the cost of benefits of the combined membership of the pool.

Assets

The return on the Fund (on a bid value to bid value basis) for the year to 31 March 2025 is calculated to be -0.32% based on the Fund asset statements and Fund cashflows as set out in the Data section preceding this section. The net asset statement has been provided to a date earlier than the accounting date and the return for the period to the reporting date has been estimated to be (1.90%) based on market statistics.

The Employer's share of the assets of the Fund is approximately 0.02%.

The estimated asset allocation for the Employer at 31 March 2025 and 31 March 2024 is as follows (noting that due to rounding they may not total 100%):

| Asset breakdown | 31 Mar 2025 | | 31 Mar 2024 | |
|----------------------------|--------------|-------------|--------------|-------------|
| | £000s | % | £000s | % |
| Public Equities | 918 | 55% | 967 | 59% |
| Gilts | 83 | 5% | 41 | 3% |
| Other bonds | 109 | 7% | 87 | 5% |
| Property | 168 | 10% | 180 | 11% |
| Cash/temporary investments | 82 | 5% | 102 | 6% |
| Inflation Plus | 116 | 7% | 78 | 5% |
| Infrastructure | 124 | 7% | 123 | 8% |
| Private Equities | 55 | 3% | 53 | 3% |
| Total | 1,655 | 100% | 1,631 | 100% |

The table below sets out the percentages of the Fund's assets held in each asset class at 31 December 2024 (split by those that have a quoted market price in an active market, and those that do not).

| Asset breakdown | | 31 December 2024 | |
|--------------------------------------|-----------|------------------|------------|
| | | % Quoted | % Unquoted |
| Fixed Interest Government Securities | UK | 2% | - |
| | Overseas | - | - |
| Index Linked Government Securities | UK | 3% | - |
| | Overseas | - | - |
| Corporate Bonds | UK | 2% | - |
| | Overseas | 5% | - |
| Equities | UK | 15% | 0% |
| | Overseas | 40% | - |
| Property | | - | 10% |
| Private Equity | | - | 3% |
| Infrastructure | | - | 7% |
| Unit Trust Infl Linked | | - | 7% |
| Credit | | - | 3% |
| Cash/Temporary Investments | | - | 2% |
| Net Current Assets | Debtors | - | - |
| | Creditors | - | - |
| Total | | 67% | 33% |

We do not have any further detail on the current asset allocation of the Fund; we suggest that if further information is required the administering authority is contacted in the first instance.

Actuarial methods and assumptions

Details of the actuarial methods and derivation of the assumptions used can be found in the 31 March 2025 briefing note issued alongside this report unless noted otherwise below. The key assumptions used are set out below.

| Financial assumptions | 31 Mar 2025 | 31 Mar 2024 | 31 Mar 2023 |
|-------------------------|-------------|-------------|-------------|
| | p.a. | p.a. | p.a. |
| Discount rate | 5.85% | 4.95% | 4.80% |
| Pension increases (CPI) | 2.90% | 2.85% | 2.90% |
| RPI inflation | 3.15% | 3.15% | 3.20% |
| Salary increases | 3.90% | 3.85% | 3.90% |

Projected unit method is used in our calculations.

We have allowed for actual ONS CPI inflation observed between February 2024 and February 2025. This is reflected in the Experience loss/(gain) on defined benefit obligation figure in the results.

We have adopted a set of demographic assumptions that are consistent with those used for the most recent Fund valuation, which was carried out as at 31 March 2022, except for an update of the CMI projection model. Details of the post retirement mortality assumption are set out below; further details of the demographic assumptions adopted can be found in the briefing note corresponding to this report, and the Fund's actuarial valuation report.

| Post retirement mortality | 31 Mar 2025 | 31 Mar 2024 |
|-------------------------------|-------------|-------------|
| Base table | S3PA | S3PA |
| Multiplier (M/F) | 115% / 110% | 115% / 110% |
| Future improvements model | CMI_2023 | CMI_2022 |
| Long-term rate of improvement | 1.25% p.a. | 1.25% p.a. |
| Smoothing parameter | 7.0 | 7.0 |
| Initial addition parameter | 0.0% p.a. | 0.0% p.a. |
| 2020 weight parameter | 0% | 0% |
| 2021 weight parameter | 0% | 0% |
| 2022 weight parameter | 15% | 25% |
| 2023 weight parameter | 15% | n/a |

The assumed life expectancies, based on the assumptions set out above, are set out in the table below:

| Life expectancy from age 65 (years) | | 31 Mar 2025 | 31 Mar 2024 |
|-------------------------------------|---------|-------------|-------------|
| Retiring today | Males | 20.4 | 20.4 |
| | Females | 23.3 | 23.3 |
| Retiring in 20 years | Males | 21.7 | 21.7 |
| | Females | 24.7 | 24.7 |

Employer duration

The estimated Macaulay duration of the Employer's liabilities as at the accounting date using the assumptions set out above is 17 years.

Past service costs

Past service costs arise if member benefits are introduced, withdrawn or changed. For example, an award of additional discretionary benefits such as added years by a member would be considered a past service cost. We are not aware of any additional benefits which were granted over the year ending 31 March 2025.

Curtailments

Over the year, we understand no employees were permitted by the Employer to take unreduced early retirement that they would not otherwise have been entitled to.

Settlements

We are not aware of any liabilities being settled at a cost materially different to the accounting reserve during the year, which has been confirmed by the Fund.

Results

| Balance sheet | As at 31 Mar 2025 £000s | As at 31 Mar 2024 £000s | As at 31 Mar 2023 £000s |
|--|-------------------------------|-------------------------------|-------------------------------|
| Net pension asset in the statement of financial position | | | |
| Present value of the defined benefit obligation | 1,570 | 1,732 | 1,846 |
| Fair value of Fund assets (bid value) | 1,655 | 1,631 | 1,584 |
| Deficit / (Surplus) | (85) | 101 | 262 |
| Impact of asset ceiling | 219 | - | - |
| Unrecognised past service cost | - | - | - |
| Present value of unfunded obligation | 6 | 6 | 6 |
| Net defined benefit liability / (asset) | 140 | 107 | 268 |

| The amounts recognised in the profit and loss statement | Year to 31 Mar 2025 £000s | Year to 31 Mar 2024 £000s |
|---|---------------------------------|---------------------------------|
| Service cost | 48 | 97 |
| Net interest on the defined benefit liability / (asset) | 4 | 11 |
| Administration expenses | 1 | 1 |
| Total loss / (profit) | 53 | 109 |

For the purposes of our calculations, we distribute Fund administration expenses amongst the employers in the Fund in proportion to their individual asset shares.

| Remeasurement of the net assets / (defined benefit liability) in other comprehensive income | Year to 31 Mar 2025 £000s | Year to 31 Mar 2024 £000s |
|---|---------------------------------|---------------------------------|
| Return on Fund assets in excess of interest | (86) | 97 |
| Other actuarial gains / (losses) on assets | - | - |
| Change in financial assumptions | 248 | 62 |
| Change in demographic assumptions | 3 | 17 |
| Experience gain / (loss) on defined benefit obligation | 1 | (11) |
| Changes in impact of asset ceiling | (219) | - |
| Remeasurement of the net assets / (defined benefit liability) | (53) | 165 |

Investment expenses are included in return on Fund assets in excess of interest.

| Reconciliation of opening & closing balances of the present value of the defined benefit obligation | Year to 31 Mar 2025 £000s | Year to 31 Mar 2024 £000s |
|---|---------------------------------|---------------------------------|
| Opening defined benefit obligation | 1,738 | 1,852 |
| Current service cost | 48 | 54 |
| Interest cost | 85 | 84 |
| Change in financial assumptions | (248) | (62) |
| Change in demographic assumptions | (3) | (17) |
| Experience loss/(gain) on defined benefit obligation | (1) | 11 |
| Liabilities assumed / (extinguished) on settlements | - | - |
| Estimated benefits paid net of transfers in | (62) | (246) |
| Past service costs, including curtailments | - | 43 |
| Contributions by Scheme participants and other employers | 19 | 19 |
| Unfunded pension payments | - | - |
| Closing defined benefit obligation | 1,576 | 1,738 |

The experience loss/(gain) on the defined benefit obligation includes (£1,000) in respect of the allowance for actual CPI inflation over the accounting period.

| Reconciliation of opening & closing balances of the fair value of Fund assets | Year to 31 Mar 2025 £000s | Year to 31 Mar 2024 £000s |
|---|---------------------------------|---------------------------------|
| Opening fair value of Fund assets | 1,631 | 1,584 |
| Interest on assets | 81 | 73 |
| Return on assets less interest | (86) | 97 |
| Other actuarial gains/(losses) | - | - |
| Administration expenses | (1) | (1) |
| Contributions by employer including unfunded | 73 | 105 |
| Contributions by Scheme participants and other employers | 19 | 19 |
| Estimated benefits paid including unfunded net of transfers in | (62) | (246) |
| Settlement prices received / (paid) | - | - |
| Closing fair value of Fund assets | 1,655 | 1,631 |

Investment expenses are included in actual return on assets in excess of interest.

| Reconciliation of change in impact of asset ceiling | Year to 31 Mar 2025 £000s | Year to 31 Mar 2024 £000s |
|---|---------------------------------|---------------------------------|
| Opening impact of asset ceiling | - | - |
| Interest on impact of asset ceiling | - | - |
| Actuarial losses / (gains) | 219 | - |
| Closing impact of asset ceiling | 219 | - |

The asset ceiling is the present value of any economic benefit available to the Employer in the form of refunds or reduced future employer contributions. Our calculation of the asset ceiling has followed our interpretation of IFRIC14.

Our calculations assume that:

- The Employer does not have a right to a refund of surplus at the level required by the accounting standard. Any surplus recognised is based on the economic benefit from a reduction in contributions.
- The Employer is a scheduled body and assumed to participate indefinitely.
- The requirement for the employer to make contributions to the Fund is considered to be a minimum funding requirement (MFR). For the period beyond the existing Rates and Adjustments certificate, our best estimate is that the existing rates remain in force. This is based on the fund actuary's methodology which is designed to provide a stable contribution rate, and also the lack of any other readily available figure.

In broad terms our analysis shows that:

- The potential economic benefit from the reduction in future contributions has been calculated to be nil. Since this is less than the unadjusted net asset of £85k, the initial impact of the asset ceiling is £85k.
- The Employer is currently paying deficit contributions towards a funding deficit. We have assessed this minimum funding requirement and calculate that it constitutes an onerous funding commitment. There is an additional liability of £134k to be recognised.
- The unadjusted funded surplus is £85k. There is an initial impact from an asset ceiling of £85k, plus an additional liability of £134k. The final funded net asset to be recognised is -£134k.
- In addition, there is an unfunded liability of £6k. The final deficit to be recognised is £140k.

| Sensitivity analysis | £000s | £000s | £000s | £000s | £000s |
|---|---------------------------------|--------------|-------------|--------------|-----------------|
| Adjustment to discount rate | +0.5% | +0.1% | 0.0% | -0.1% | -0.5% |
| Present value of total obligation | 1,457 | 1,551 | 1,576 | 1,601 | 1,711 |
| Projected service cost | 27 | 32 | 34 | 36 | 42 |
| Adjustment to long term salary increase | +0.5% | +0.1% | 0.0% | -0.1% | -0.5% |
| Present value of total obligation | 1,576 | 1,576 | 1,576 | 1,576 | 1,576 |
| Projected service cost | 34 | 34 | 34 | 34 | 34 |
| Adjustment to pension increases and deferred revaluation | +0.5% | +0.1% | 0.0% | -0.1% | -0.5% |
| Present value of total obligation | 1,715 | 1,602 | 1,576 | 1,550 | 1,453 |
| Projected service cost | 43 | 36 | 34 | 32 | 27 |
| Adjustment to life expectancy assumptions | +1 Year | | None | | - 1 Year |
| Present value of total obligation | 1,608 | | 1,576 | | 1,544 |
| Projected service cost | 35 | | 34 | | 33 |
| Projected pension expense | Year to 31 Mar 2026 £000s | | | | |
| Service cost | 34 | | | | |
| Net interest on the defined liability / (asset) | 6 | | | | |
| Administration expenses | 1 | | | | |
| Total loss / (profit) | 41 | | | | |
| Employer contributions | 79 | | | | |

These projections are based on the assumptions as at 31 March 2025. The figures exclude the capitalised cost of any early retirements or augmentations which may occur after 31 March 2025.