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Northamptonshire Pension Fund

Report on the actuarial valuation at 31 March 2022

Douglas Green FFA

Robert McInroy FF/

30 March 2023 For and on behalf of Hymans Robertson LL

Hymans Robertson LLP is authorised and regulated by the Financial Conduct Authority

| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

 $\left|\right>$

Use the menu bar above to navigate to each section.

Contents

In this report:

| | Page |
|---------------------------------|------|
| Executive summary | 3 |
| Approach to valuation | 4 |
| Valuation results | 8 |
| Sensitivity & risk analysis | 15 |
| Final comments | 19 |
| Appendices | 21 |
| Rates & Adjustments certificate | 32 |
| Section 13 dashboard | 47 |
| | |

RATES & HYMANS EXECUTIVE **APPROACH TO** VALUATION **FINAL SECTION 13 SENSITIVITY &** APPENDICES ADJUSTMENTS RÓBERTSON SUMMARY VALUATION RESULTS **RISK ANALYSIS** COMMENTS DASHBOARD CERTIFICATE

Executive Summary

The key result of the valuation of the Northamptonshire Pension Fund as at 31 March 2022 are set out below. Further explanation of the outcomes of the valuation are contained in the remainder of this report.

Contribution rates

The contribution rates for individual employers set at this valuation can be found in the <u>Rates & Adjustments certificate</u>. Table 1 shows the combined individual employer rates set at this valuation and the last valuation (31 March 2019).

Table 1: Whole fund contribution rates compared with the previous valuation

| | This valuation 31 March 2022 | | | aluation rch 2019 |
|----------------|---------------------------------|------------|-----------|----------------------|
| Primary Rate | 20.5% | of pay | 19.0% | 6 of pay |
| Secondary Rate | 2023/2024 | £8,586,000 | 2020/2021 | £20,339,000 |
| | 2024/2025 | £8,155,000 | 2021/2022 | £20,463,000 |
| | 2025/2026 | £7,660,000 | 2022/2023 | £20,696,000 |

• The Primary rate has increased mainly due to higher inflation

• The Secondary rate has decreased due to good investment performance since the last valuation

Funding position

At 31 March 2022, the past service funding position has improved from the last valuation at 31 March 2019. Table 2 shows the single reported funding position at the current and previous valuation.

Table 2: Single reported funding position at 31 March 2022 compared with 31 March 2019

| Valuation Date | 31 March 2022 | 31 March 2019 |
|--------------------------|---------------|---------------|
| Past Service Liabilities | (£m) | (£m) |
| Employees | 833 | 781 |
| Deferred Pensioners | 840 | 709 |
| Pensioners | 1,311 | 1,188 |
| Total Liabilities | 2,984 | 2,679 |
| Assets | 3,364 | 2,502 |
| Surplus/(Deficit) | 380 | (176) |
| Funding Level | 113% | 93% |

The required investment return to be 100% funded is now 3.6% pa (4.3% pa at 2019). The likelihood of the Fund's investment strategy achieving the required return is 78% (66% at 2019).

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Approach to valuation



| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

Valuation Purpose

The triennial actuarial valuation is an important part of the Fund's risk management framework. Its main purpose is to ensure the Fund continues to have a contribution plan and investment strategy that will achieve the objectives set out in the Funding Strategy Statement.

We have been commissioned by West Northamptonshire Council (the Administering Authority) to carry out a valuation of the Northamptonshire Pension Fund (the Fund) as at 31 March 2022. This fulfils Regulation 62 of the Local Government Pension Scheme Regulations 2013. This report marks the culmination of the valuation process and contains its two key outcomes:

1

Employer contribution rates for the period 1 April 2023 to 31 March 2026.



5

The funding level of the Fund at 31 March 2022.

Further information on the valuation process, methodology and strategy is set out in the publicly available Funding Strategy Statement, Investment Strategy Statement and published papers and minutes of the Fund's Pensions Committee. Additional material is also contained in <u>Hymans Robertson's LGPS 2022 valuation</u> toolkit¹.



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EXECUTIVE APPROA SUMMARY VALUA

APPROACH TO VALUATION

VALUATION RESULTS SENSITIVITY & RISK ANALYSIS

FINAL APP

RATES & APPENDICES ADJUSTMENTS <u>CERTIFICATE</u>

SECTION 13 DASHBOARD

Setting employer contribution rates

Employer contributions need to be set at a level which ensures the Fund has a reasonable likelihood of having enough money to pay members' benefits. Identifying the amount of benefits that may be paid is complex as those earned today might only start being paid in 50 years' time. Over that time period, there is significant uncertainty over factors which affect the cost of benefits, eg inflation, investment returns. These uncertainties are allowed for by taking a risk-based approach to setting employer contribution rates. This approach is built around three key funding decisions set by the Fund and asset-liability modelling.

Key funding decisions

For each employer, the Fund determines the most appropriate choice for the following three funding decisions. Further detail is set out in the Funding Strategy Statement.



What is the funding target for each employer?

Will the employer remain in the Fund for the long-term or exit at some point

What is the funding time horizon? How long will the employer participate in the Fund

What is the required likelihood?

How much funding risk can the employer's covenant support

Asset-liability modelling

Asset-liability modelling is used to project each employer's assets and benefit payments into the future using 5,000 different economic scenarios. The economic scenarios are generated using Hymans Robertson's Economic Scenario Service (ESS) (further information in <u>Appendix 2</u>).

Picture 1: sample progression of employer asset values



EXECUTIVE SUMMARY

APPROACH TO VALUATION

VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS

APPENDICES COMMENTS

FINAL

RATES & ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Measuring the funding level

The past service funding level is measured at the valuation. Whilst it is limited in providing insight into a funding plan, it is a useful high-level summary statistic. To measure the funding level, a market-related approach is taken to calculating both the assets and the liabilities (so they are consistent with each other).

- The market value of the Fund's assets at the valuation date have been used.
- The liabilities have been valued using assumptions based on market indicators at the valuation date (these assumptions are detailed in Appendix 2).

Further detail on the liabilities

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The liabilities are the value of all future payments to members based on all benefits earned up to the valuation date, expressed in today's money.

Chart 1 shows the projected payments for all members in the Fund at the valuation date. The projections are based on the membership data provided for the valuation (Appendix 1), the assumptions (Appendix 2) and our understanding of the LGPS benefit structure as at 31 March 2022 (details at www.lgpsregs.org).

To express the future payments in today's money, the projections are discounted with an assumed future investment return on the Fund's assets (the discount rate).

300 250 000 Benefits 1/ ال 100 50 71 76 81 86 91 96 21 26 31 66 Years from Valuation Date

Chart 1: projected benefit payments for all service earned up to 31 March 2022

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Valuation results



Employer contribution rates

The primary objective of the Fund is to set employer contribution rates that will adequately cover the cost of benefits which will accrue in the future and any costs related to benefits already earned. A secondary objective is to ensure the rates are as stable as possible. The risk-based approach detailed earlier is used to meet both these objectives.

The employer contribution rate is made up of two components.

- 1. A primary rate: the level sufficient to cover all new benefits.
- 2. A secondary rate: the costs associated with sufficiently funding benefits accrued up to the valuation date.

Each employer has a contribution rate which is appropriate to their circumstances and these can be found in the <u>Rates & Adjustments</u> <u>Certificate</u>. Broadly speaking:

- Primary rates have increased since the last valuation due to rising inflation.
- Secondary rates have decreased due to strong investment performance since the previous valuation.

However all employers will be different and the contribution rate will reflect the membership and experiences of each employer.

Table 3 shows the total of all employer contribution rates to be paid into the Fund over the period 1 April 2023 to 31 March 2026.

| | contribution rate, compared with t This valuation 31 March 2022 | | | aluation rch 2019 |
|----------------|-----------------------------------------------------------------------|------------|-----------|----------------------|
| Primary Rate | 20.5% | of pay | 19.0% | 6 of pay |
| Secondary Rate | 2023/2024 | £8,586,000 | 2020/2021 | £20,339,000 |
| | 2024/2025 | £8,155,000 | 2021/2022 | £20,463,000 |
| | 2025/2026 | £7,660,000 | 2022/2023 | £20,696,000 |

The primary rate includes an allowance of 0.8% of pensionable pay for the Fund's expenses.

Employees pay a contribution to the Fund in addition to these rates. These rates are set by the LGPS Regulations. The average employee contribution rate at 31 March 2022 is 6.3% of pay (6.3% at 31 March 2019).



Funding level

The funding level is the ratio of assets to liabilities. The market value of the assets at the valuation date are known. The value of the liabilities is uncertain given that the level of future investment returns are unknown.

Therefore, the liabilities and funding level have been calculated across a range of different investment returns (the discount rate).

To help better understand funding risk, the likelihood of the Fund's investment strategy (detailed in <u>Appendix 1</u>) achieving certain levels of return has also been calculated.

Chart 2 shows how the funding level varies with future investment return assumptions at 31 March 2022 (blue line). The green line shows the same analysis at 31 March 2019.

- The funding level is 100% if future investment returns are c.3.6% pa.
- The likelihood of the Fund's assets yielding at least this return is around 78%.
- The comparator at 2019 was a return of 4.3% pa which had a likelihood of 65%.
- The funding position at 2022 is stronger than 2019.
- There is a 50% likelihood of an investment return of 6.0% pa. So the best-estimate funding level is 150% at 31 March 2022 (121% at 2019).



Figures on each line show the likelihood of the Fund's assets exceeding that level of return over the next 20 years

Chart 2: funding level across a range of future investment returns

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EXECUTIVE SUMMARY

APPROACH TO VALUATION

VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS COMMENTS APPENDICES

RATES & ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Single funding level as at 31 March 2022

Whilst the chart on the previous page provides a better understanding of the past service funding position, there is still a requirement to report a single funding level at 31 March 2022.

To report a single funding level and funding surplus/deficit for the 2022 valuation, a discount rate of 4.4% pa has been used. There is a 70% likelihood associated with a future investment return of 4.4% pa.

Table 4 details the liabilities, split by member status and the market value of assets at the valuation date. The results at the 2019 formal valuation are shown for comparison.

The funding level and surplus/deficit figures provide a high-level snapshot of the funding position of the Fund as at 31 March 2022, however there are limitations:

- The liabilities are calculated using a single set of assumptions about the future and so are very sensitive to the choice of assumptions.
- The market value of assets held by the Fund will change on a daily basis.

The future progression of the funding position is uncertain. If the financial and demographic assumptions made at this valuation actually occur, employers pay contributions in line with the R&A certificate and there are no other changes in the financial or demographic environment, we project that the funding level at the next valuation (31 March 2025) remains approximately the same.

Table 4: single reported funding level

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| Valuation Date | This valuation 31 March 2022 | Last valuation 31 March 2019 |
|--------------------------|---------------------------------|---------------------------------|
| Past Service Liabilities | (£m) | (£m) |
| Employees | 833 | 781 |
| Deferred Pensioners | 840 | 709 |
| Pensioners | 1,311 | 1,188 |
| Total Liabilities | 2,984 | 2,679 |
| Assets | 3,364 | 2,502 |
| Surplus/(Deficit) | 380 | (176) |
| Funding Level | 113% | 93% |

Important: the reported funding level does not directly drive the contribution rates for employers. The contribution rates consider how assets and liabilities will evolve over time in different economic scenarios and also reflect each employer's funding profile and covenant.



RATES &

ADJUSTMENTS

CERTIFICATE

Changes since the last valuation

Events between 2019 and 2022

The most significant external event to occur since the last valuation has been the Covid-19 pandemic. The experience analysis below shows that there has sadly been a higher than expected number of deaths over the period. However, the impact on the funding position has been small. This is likely due to the age profile of the excess deaths and the level of pension.

Other significant factors occurring which affect the funding strategy of the Fund have been the better than expected investment returns. This has had a material positive impact on the funding position and employers' secondary contribution rates.

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Table 5: analysis of financial experience between 2019 and 2022 valuations

| | Expected | Actual | Difference | Impact on funding position |
|--------------------|----------|---------|------------|----------------------------------|
| Investment returns | | | | |
| 3 year period | 12.2% | 28.7% | 16.5% | +£466m |
| Annual | 3.9% pa | 8.8% pa | 4.9% pa | |

Membership

Table 6: analysis of membership experience between 2019 and 2022 valuations

| Expected | Actual | Difference | Impact on funding position |
|----------|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | |
| 9,569 | 11,716 | 2,147 | +£4m |
| 101 | 90 | -11 | +£4m |
| 3.5% pa | 4.5% pa | 1.0% pa | -£14m |
| | | | |
| 2.3% pa | 1.8% pa | -0.6% pa | +£41m |
| £6.1m | £6.4m | £0.3m | +£3m |
| | 9,569 101 3.5% pa 2.3% pa | 9,569 11,716 101 90 3.5% pa 4.5% pa 2.3% pa 1.8% pa | 9,569 11,716 2,147 101 90 -11 3.5% pa 4.5% pa 1.0% pa 2.3% pa 1.8% pa -0.6% pa |

Changes since the last valuation

Future outlook

Expectations about the future, which inform the assumptions used to value the liabilities, have changed since the last valuation. The most significant changes are:

- Future inflation: this is expected to be on average higher than at 2019 due to the current level of high inflation.
- Investment returns: due to change in the Fund's investment strategy and financial markets, future investment returns are now expected to be higher than at the last valuation.

Table 7: summary of change in future outlook

| Factor | What does it affect? | What's changed? | Impact on liabilities |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Future investment returns | The rate at which you discount back future benefit payments i.e. the discount rate assumption | Future investment returns slightly higher at 2022 than at 2019. The required return is now 4.4% pa vs. 3.9% pa at 2019. | Decrease of £250m |
| Inflation | The rate at which pensions (both in payment and deferment) and CARE pots increase | Significant increase in short-term future inflation expectations. | Increase of £216m |
| Salary increases | The rate at which future salaries increase which will affect the benefits that are still linked to final salary i.e. accrued before 1 April 2014 | No material change since last valuation given competing factors e.g. tighter budgetary conditions vs. strong job market and pressure from National Living Wage increases. | None |
| Current life expectancy | How long we expect people to live for based on today's current observed mortality rates. | Slight reduction in life expectancy based on current observed data (not allowing for Covid-related excess deaths) | Decrease of £11m |
| Future improvements in life expectancy | How we expect life expectancies to change (increase) in the future. | Uncertainty about effectiveness of mitigations against life expectancy increases in the LGPS i.e. State Pension Age increases and Cost Cap. Need to better reflect wider pension and insurance industry long-term expectations. | Increase of £19m |

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EXECUTIVE APPRO SUMMARY VALU

APPROACH TO VALUATION

VALUATION RESULTS SENSITIVITY & RISK ANALYSIS

FINAL COMMENTS RATES & APPENDICES ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Reconciling the overall change in funding position

The tables below provide insight into the funding position change between 31 March 2019 and 31 March 2022. Firstly, the changes we expect to happen (Table 8), which relate mostly to items on the asset side. Then the impact of actual experience (Table 9), which mainly affects the liabilities.

Expected development

Table 8: expected development of funding position between 2019 and 2022 valuations

| Change in the surplus/deficit position | Surplus / Deficit |
|----------------------------------------|-------------------|
| | £m |
| Last valuation at 31 March 2019 | (176) |
| Cashflows | |
| Employer contributions paid in | 277 |
| Employee contributions paid in | 70 |
| Benefits paid out | 0 |
| Net transfers into / out of the Fund | |
| Other cashflows (e.g. Fund expenses) | (4) |
| Expected changes | |
| Expected investment returns | 344 |
| Interest on benefits already accrued | (327) |
| Accrual of new benefits | (321) |
| Expected position at 31 March 2022 | (137) |

* We have insufficient data to value the impact on the liabilities as a result of transfers in/out

Impact of actual events

Table 9: impact of actual events on the funding position at 31 March 2022

| Change in the surplus/deficit position | Surplus / Deficit |
|---------------------------------------------|-------------------|
| | £m |
| Expected position at 31 March 2022 | (137) |
| Events between 2019 and 2022 | |
| Salary increases greater than expected | (14) |
| Benefit increases greater than expected | 41 |
| Early retirement strain (and contributions) | (1) |
| III health retirement strain | 4 |
| Early leavers less than expected | 4 |
| Commutation less than expected | (5) |
| Pensions ceasing less than expected | 3 |
| McCloud remedy | (3) |
| Other membership experience | 3 |
| Higher than expected investment returns | 466 |
| Changes in future expectations | |
| Investment returns | 250 |
| Inflation | (216) |
| Salary increases | 0 |
| Longevity | (8) |
| Other demographic assumptions | (6) |
| Actual position at 31 March 2022 | 380 |
| Numbers may not sum due to rounding | HYMANS |

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Sensitivity & risk analysis



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EXECUTIVE SUMMARY

APPROACH TO VALUATION

VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS

APPENDICES COMMENTS

RATES & ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Sensitivity and risk analysis: assumptions

There is risk and uncertainty inherent with funding benefit payments that will be paid out many years in the future. The Fund is aware of these and has in place a risk register which is regularly reviewed. Additionally, as part of the valuation, the Fund reviews sources of risk that may impact its funding position and the contribution rates payable by employers.

This section discusses some of the most significant sources of funding risk (assumptions, regulatory, administration and governance and climate change). Further information of the Fund's approach to funding risk management, including monitoring, mitigation and management, is set out in the Funding Strategy Statement.

The valuation results depend on the actuarial assumptions made about the future. By their nature, these assumptions are uncertain which means its important to understand their sensitivity and risk levels.

Contribution rates

The risk-based approach to setting employer contribution rates mitigates the limitation of relying on one set of assumptions. Therefore, there is no need to carry out additional analysis of the sensitivity of contribution rates to changes in financial assumptions. The contribution rates are sensitive to changes in demographic assumptions. The results in this section in relation to the funding position can be broadly applied to the contribution rates.

Funding level Financial assumptions

FINAL

On page 10, we have already set out how the results vary with the assumed future investment return. The table below considers inflation.

Table 10: sensitivity of funding position to inflation assumption

| CPI Assumption | Surplus/ (Deficit) | Funding Level |
|----------------|--------------------|---------------|
| p.a. | £m | % |
| 2.5% | 475 | 116% |
| 2.7% | 380 | 113% |
| 2.9% | 282 | 109% |

Demographic assumptions

The main area of demographic risk is if people live longer than expected. The table below shows the impact of longer term longevity rates improving at a faster rate (1.75% pa vs 1.5% pa used in the results)

Table 11: sensitivity of funding position to longevity assumption

| Long term rate of improvement | Surplus/ (Deficit) | Funding Level |
|----------------------------------|--------------------|---------------|
| p.a. | £m | % |
| 1.5% | 380 | 113% |
| 1.75% | 356 | 112% |

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17

EXECUTIVE SUMMARY

APPROACH TO VALUATION

VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS COMMENTS

FINAL

APPENDICES

RATES & ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Sensitivity and risk analysis: other risks & climate change

Regulatory, Administration and Governance risks

Potential risks in this area include change in central government legislation which changes the future cost of the LGPS and failures in administration processes leading to incorrect data and inaccuracies in actuarial calculations. At this valuation, specific risks include:

- McCloud: the remedy to resolve the McCloud case is yet to be formalised in regulations. However, an allowance has been included for this expected benefit change at the 2022 valuation as directed by the Department of Levelling Up, Housing and Communities in their letter dated March 2022¹.
- Goodwin: the remedy to this issue is still uncertain, it is difficult to identify who it would apply to and its impact is estimated to be very small for a LGPS fund (0.1-0.2% of liabilities). Therefore, no allowance has been made for this case at the 2022 valuation.
- **Cost Cap:** a legal challenge is ongoing in relation to the 2016 cost cap valuation and no information is known about the outcome of the 2020 cost cap valuation. At this valuation, no allowance has been made for any changes to the benefit structure that may occur as a result of a cost cap valuation.
- **GMP indexation:** it is assumed that all increases on GMPs for members • reaching State Pension Age after 6 April 2016 will be paid for by LGPS employers. This is the same approach that was taken for the 2019 valuation.

Climate change

Background

Climate change is a major source of uncertainty which could affect future investment returns, inflation and life expectancies. Therefore, the Fund has explicitly explored the resilience of its funding and investment strategy to future potential climate change outcomes.

It is impossible to confidently quantify the effect of climate risk given the significant uncertainty over the impact of different possible climate outcomes. Instead, three different climate change scenarios have been considered as a stress-test (instead of trying to predict how climate change affects the funding level in the future).

All the scenarios assume that there will be a period of disruption linked either to the response to climate risk (transition risks) or the effect of it (physical risks). This disruption will lead to high volatility in financial markets, and the later the disruption, the more pronounced it will be.

Further detail on the scenarios is shown on the next page and in our guide 10 of Hymans Robertson's LGPS 2022 valuation toolkit²

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EXECUTIVE APPRO SUMMARY VALU

APPROACH TO VALUATION

VALUATION RESULTS SENSITIVITY & RISK ANALYSIS FINAL COMMENTS RATES & APPENDICES ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

Sensitivity and risk analysis: climate change & post valuation events

Background

Climate change is a major source of uncertainty which could affect future investment returns, inflation and life expectancies. Therefore, the Fund has explicitly explored the resilience of its funding and investment strategy to future potential climate change outcomes.

It is impossible to confidently quantify the effect of climate risk given the significant uncertainty over the impact of different possible climate outcomes. Instead, three different climate change scenarios have been considered as a stress-test (instead of trying to predict how climate change affects the funding level in the future).

All the scenarios assume that there will be a period of disruption linked either to the response to climate risk (transition risks) or the effect of it (physical risks). This disruption will lead to high volatility in financial markets, and the later the disruption, the more pronounced it will be.

Further detail on the scenarios is shown on the next page and in our guide 10 of <u>Hymans Robertson's LGPS 2022 valuation toolkit</u>¹

Outcome of analysis

The Fund has set its funding and investment strategy using asset-liability modelling and considering two main risk metrics:

- Likelihood of success the chance of being fully funded in 20 years' time
- Downside risk the average worst 5% of funding levels in 20 years' time

When exploring the potential impact of climate change, the Fund has compared how these risk metrics change under each climate change scenario (against the '*Core*' model used when setting the funding and investment strategy). The stress test results for the Fund are shown in Table 12 below.

Table 12: sensitivity of funding position to longevity assumption

| Scenario | Likelihood of success | Downside risk |
|--------------------|-----------------------|---------------|
| Core | 82% | 53% |
| Green Revolution | 79% | 48% |
| Delayed Transition | 79% | 51% |
| Head in the Sand | 79% | 53% |

The results are worse in the climate scenarios. This is to be expected given that they are purposefully stress-tests and all the scenarios are bad outcomes. Whilst the risk metrics are weaker, they are not materially so and not enough to suggest that the funding and investment strategy are unduly exposed to climate change risk. The Fund will continue to monitor this risk as more information emerges and climate change modelling techniques evolve.

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Final comments



Final comments

The Fund's valuation operates within a broader framework, and this document should be considered alongside the following:

- The Funding Strategy Statement, which in particular highlights how different types of employer in different circumstances have their contributions calculated
- The Investment Strategy Statement, which sets out the investment strategy for the Fund
- The general governance of the Fund, such as meetings of the Pension Committee and Local Pension Board, decisions delegated to officers, the Fund's business plan, etc
- The Fund's risk register.

New employers joining the Fund

Any new employers or admission bodies joining the Fund should be referred to the Fund Actuary to assess the required level of contribution. Depending on the number of transferring members the ceding employer's rate may also need to be reviewed.

Cessations and bulk transfers

Any employer who ceases to participate in the Fund should be referred to the Fund Actuary in accordance with Regulation 64 of the LGPS regulations.

Any bulk movement of scheme members:

- involving 10 or more scheme members being transferred from or to another LGPS fund
- involving 2 or more scheme members being transferred from or to a non-LGPS pension arrangement

should be referred to the Fund Actuary to consider the impact on the Fund.

Valuation frequency

Under the LGPS regulations, the next formal valuation of the Fund is due to be carried out as at 31 March 2025 where contribution rates payable from 1 April 2026 will be set.

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Robert McInroy FFA

Douglas Green FFA 30 March 2023 For and on behalf of Hymans Robertson LLP



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Appendices





Membership data

A summary of the membership data provided by the Fund for the 2022 valuation is set out in Table 13. The corresponding membership data from the previous valuation is also shown for reference.

The results of the valuation are dependent on the quality of the data used. We have carried out a series of validation checks on the data supplied to us by the Administering Authority to ensure that it is fit for purpose.

More information on how we verify the quality of the data used in the valuation has been shared with the Administering Authority in our report 'Data Report for the 2022 Valuation', dated March 2023.

Asset data

To check the membership data and derive employer asset values, we have used asset and accounting data and employer level cashflow data provided by the Fund.

Table 13: Whole fund membership data as at 31 March 2022 and 31 March 2019

| Whole Fund Membership Data | This Valuation 31 March 2022 | Last Valuation 31 March 2019 |
|--------------------------------------------|---------------------------------|---------------------------------|
| Employee members | | |
| Number | 22,657 | 19,689 |
| Total actual pay (£000) | 397,713 | 329,197 |
| Total accrued pension (£000) | 54,736 | 48,337 |
| Average age (liability weighted) | 52.4 | 51.6 |
| Future working lifetime (years) | 4.8 | 6.8 |
| Deferred pensioners (including undecideds) | | |
| Number | 41,981 | 36,683 |
| Total accrued pension (£000) | 49,686 | 41,467 |
| Average age (liability weighted) | 52.4 | 51.5 |
| Pensioners and dependants | | |
| Number | 17,718 | 16,012 |
| Total pensions in payment (£000) | 85,451 | 75,589 |
| Average age (liability weighted) | 69.3 | 68.7 |

Data

Investment strategy

A summary of the investment strategy allocation used for the calculation of employer contribution rates and to derive the future assumed investment return is set out in Table 14.

This information is as set out in the Fund's Investment Strategy Statement.

Table 14: Investment strategy used for the 2022 valuation

| Asset class | Allocation |
|-----------------------|------------|
| UK equities | 8.7% |
| Global equities | 46.3% |
| Private equity | 5.0% |
| Property | 10.0% |
| Infrastructure | 5.0% |
| Diversified Growth | 5.0% |
| UK corporate bonds | 10.0% |
| UK index linked gilts | 10.0% |
| Total | 100.0% |

| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |
| | | | | | | | | |
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Assumptions

To set and agree assumptions for the valuation, the Fund carried out in-depth analysis and review in February 2022 with the final set agreed by the Pensions Committee on 30 March 2022.

Financial assumptions

Setting employer contribution rates

An asset-liability model is used to set employer contributions at the 2022 valuation. This model relies on Hymans Robertson's proprietary economic model, the Economic Scenario Service (ESS). The ESS reflects the uncertainty associated with future levels of inflation and asset returns and the interactions and correlations between different asset classes and wider economic variables. In the short term (first few years), the models are fitted with current financial market expectations. Over the longer term, models are built around views of fundamental economic parameters, for example equity risk premium, credit spreads and long term inflation. The table below shows the calibration of the ESS at 31 March 2022. Further information on the assumptions used for contribution rate setting is included in the Funding Strategy Statement.

| | | | | Asse | t class annu | ualised total retu | | | t oldoo rotalir | | Inflation/Yields | |
|----------------|------------------|--------------------------------|------------------------------------|----------------|--------------|------------------------------------|----------------------------------------------------|-----------------------------------|-----------------|--------------------|--------------------------------|------------------|
| Time period | Percentile | Index Linked Gilts (medium) | Developed World ex UK Equity | Private Equity | Property | Listed Infrastructure Equity | Diversified Growth Fund (low equity beta) | All World Equity GBP Hedged | CorpMedium A | Inflation (CPI) | 17 year real yield (CPI) | 17 year yield |
| | 16 th | -1.9% | -0.7% | -1.2% | -0.6% | -1.1% | 1.4% | -0.3% | -0.1% | 1.6% | -1.7% | 1.1% |
| 10 years | 50 th | 0.2% | 5.6% | 9.4% | 4.4% | 4.9% | 3.2% | 5.9% | 1.6% | 3.3% | -0.5% | 2.5% |
| | 84 th | 2.4% | 11.7% | 20.1% | 9.5% | 10.9% | 5.1% | 11.9% | 3.2% | 4.9% | 0.7% | 4.3% |
| | 16 th | -1.5% | 1.5% | 2.4% | 1.4% | 1.2% | 2.1% | 1.9% | 1.1% | 1.2% | -0.7% | 1.3% |
| 20 years | 50 th | 0.1% | 6.1% | 10.0% | 5.0% | 5.6% | 3.8% | 6.4% | 2.1% | 2.7% | 1.1% | 3.2% |
| | 84 th | 1.9% | 10.8% | 17.6% | 8.9% | 10.1% | 5.7% | 11.0% | 3.2% | 4.3% | 2.7% | 5.7% |
| | 16 th | -0.3% | 3.1% | 4.7% | 2.6% | 2.6% | 2.5% | 3.5% | 2.0% | 0.9% | -0.6% | 1.1% |
| 40 years | 50 th | 1.2% | 6.5% | 10.3% | 5.5% | 6.1% | 4.4% | 6.8% | 3.1% | 2.2% | 1.3% | 3.3% |
| | 84 th | 3.1% | 10.2% | 16.1% | 8.8% | 9.8% | 6.5% | 10.4% | 4.4% | 3.7% | 3.2% | 6.1% |
| | Volatility (5yr) | 7% | 19% | 30% | 15% | 18% | 5% | 18% | 7% | 3% | - | - |

Table 15: ESS individual asset class return distributions at 31 March 2022



| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

25

Assumptions

Financial assumptions Calculating the funding level

The table below summarises the assumptions used to calculate the funding level at 31 March 2022, along with a comparison at the last valuation.

| Table 16: Summary of assumptions used for | or measuring the funding level, | , compared to last valuation on 31 March 2019 |
|-------------------------------------------|---------------------------------|-----------------------------------------------|
|-------------------------------------------|---------------------------------|-----------------------------------------------|

| Assumption | This valuation 31 March 2022 | Required for | Last valuation 31 March 2019 |
|-----------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Discount rate | 4.4% pa | To place a present value on all the benefits promised to scheme members at the valuation date. The Fund's assets are estimated to have a 70% likelihood of returning above the discount rate. | 3.9% pa |
| Benefit increases / CARE revaluation | 2.7% pa | To determine the size of future benefit payments. | 2.3% pa |
| Salary increases | 3.2% pa | To determine the size of future final-salary linked benefit payments. | 2.8% pa |

Allowing for the McCloud remedy

Allowance has been included for this expected benefit change at the 2022 valuation as directed by the Department of Levelling Up, Housing and Communities in their letter dated March 2022¹. Further technical detail about this assumption is set out in guide 13 of Hymans Robertson's LGPS 2022 valuation toolkit²

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VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS RATES &

APPENDIX 2

Assumptions

Demographic assumptions

Longevity

Other demographic assumptions

Table 18: Summary of other demographic assumptions

| Demographic a The same demo | - | in setting contribution rates and | | |
|-------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| assessing the c | urrent funding level. | | Death in service | See sample rates in Tables 19 & 20 |
| Longevity | | | Retirements in ill health | See sample rates in Tables 19 & 20 |
| Table 17: Summar | ry of longevity assumptions | | Withdrawals | See sample rates in Tables 19 & 20 |
| | This valuation 31 March 2022 | Last valuation 31 March 2019 | Promotional salary increases | See sample rates in Tables 19 & 20 |
| Baseline assumption | VitaCurves based on member- level lifestyle factors | VitaCurves based on member- level lifestyle factors | Commutation | 55% of future retirements elect to exchange pension for additional tax free cash up to HMRC limits |
| Future | CMI 2021 model Initial addition = 0.25% (both Female and Male) | CMI 2018 model Initial addition = 0.25% (Female), 0.5% (Male) | 50:50 option | 1.0% of members (uniformly distributed across the age, service and salary range) will choose the 50:50 option (main scheme) if they are currently in the main scheme (50:50 scheme). |
| improvements | Smoothing factor = 7.0 1.5% pa long-term rate of improvement | Smoothing factor = 7.0 1.25% pa long-term rate of improvement | Retirement age | The earliest age at which a member can retire with their benefits unreduced |
| Further information are included on th | on on these assumptions can be p | provided upon request. Sample rates | Proportion married | A varying proportion of members are assumed to have a dependant at retirement or on earlier death. For example, at age 60 this is assumed to be 90% for males and 85% for females. The dependant of a male member is assumed to be 3 years younger than him and the dependent of a female member is assumed to be 3 years older than her. |
| 26 | | 1.4 | \rightarrow \land | HYMANS 井 ROBERTSON |

Females

Table 20: Sample rates of female demographic assumptions

APPENDIX 2

Assumptions

Sample rates for demographic assumptions

Males

Table 19: Sample rates of male demographic assumptions

| | • | | • • | | | | | |
|-----|-----------------|----------------------------|--------|----------|-----------|----------|----------|-----------|
| Age | Salary Scale | Death Before Retirement | Withd | rawals | III Healt | n Tier 1 | III Heal | th Tier 2 |
| | | FT & PT | FT | РТ | FT | PT | FT | PT |
| 20 | 105 | 0.17 | 505.38 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 117 | 0.17 | 333.83 | 832.39 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 131 | 0.20 | 236.86 | 590.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 144 | 0.24 | 185.06 | 461.32 | 0.10 | 0.07 | 0.02 | 0.01 |
| 10 | 150 | 0.41 | 148.99 | 371.3 | 0.16 | 0.12 | 0.03 | 0.02 |
| 45 | 157 | 0.68 | 139.95 | 348.69 | 0.35 | 0.27 | 0.07 | 0.05 |
| 0 | 162 | 1.09 | 115.37 | 287.10 | 0.90 | 0.68 | 0.23 | 0.17 |
| 55 | 162 | 1.70 | 90.85 | 226.2 | 3.54 | 2.65 | 0.51 | 0.38 |
| 0 | 162 | 3.06 | 80.97 | 201.53 | 6.23 | 4.67 | 0.44 | 0.33 |
| 65 | 162 | 5.10 | 0.00 | 0.00 | 11.83 | 8.87 | 0.00 | 0.00 |
| | | | | | | | | |

Figures are incidence rates per 1,000 members except salary scale. FT and PT denoted full-time and part-time members respectively.

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III Health Tier 2

ΡΤ

0.00

0.01

0.02

0.04

0.06

0.08

0.18

0.39

0.40

0.00

FT

0.00

0.02

0.03

0.05

0.08

0.10

0.24

0.52

0.54

0.00

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APPROACH TO VALUATION

VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS COMMENTS

FINAL

APPENDICES

RATES & ADJUSTMENTS CERTIFICATE

SECTION 13 DASHBOARD

APPENDIX 3

Reliances and limitations

We have been commissioned by West Northamptonshire Council ("the Administering Authority") to carry out a full actuarial valuation of the Northamptonshire Pension Fund ("the Fund") as at 31 March 2022 as required under Regulation 62 of the Local Government Pension Scheme Regulations 2013 ("the Regulations").

This report is addressed to the Administering Authority. It has been prepared by us as actuaries to the Fund and is solely for the purpose of summarising the main outcomes of the 2022 actuarial valuation. It has not been prepared for any other third party or for any other purpose. We make no representation or warranties to any third party as to the accuracy or completeness of this report, no reliance should be placed on this report by any third party and we accept no responsibility or liability to any third party in respect of it.

Hymans Robertson LLP is the owner of all intellectual property rights in this report. All such rights are reserved.

This summary report is the culmination of other communications in relation to the valuation, in particular:

- Our 2022 valuation toolkit which sets out the methodology used when reviewing funding plans
- Our paper to the Fund's Pension Committee dated June 2022 which discusses the funding strategy for the Fund's councils, Police and Fire employers
- Our paper to the Fund's Pension Committee dated February 2022 which discusses the valuation assumptions
- · Our initial results report dated August 2022 which outlines the whole fund results and inter-valuation experience

- Our data report dated March 2023 which summarises the data used for the valuation, the approach to ensuring it is fit for purpose and any adjustments made to it during the course of the valuation
- The Funding Strategy Statement which details the approach taken to adequately fund the current and future benefits due to members

The totality of our advice complies with the Regulations as they relate to actuarial valuations.

The following Technical Actuarial Standards apply to this advice, and have been complied with where material and to a proportionate degree. They are:

- TAS100 Principles for technical actuarial work
- TAS300 Pensions

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|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

Glossary

| Term | Explanation |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50:50 option | An option for LGPS members to pay half contributions and earn half the retirement benefit (pre-retirement protection benefits are unreduced). |
| Asset-liability modelling | An approach to modelling and understanding risk for a pension fund. The assets and liabilities are projected forward into the future under many different future scenarios of inflation, investment returns and interest rates. The future scenarios are then analysed to understand the risk associated with a particular combination of contribution rates and investment strategy. Different combinations of contribution rates and/or investment strategies may be tested. |
| Baseline longevity | The rates of death (by age and sex) in a given group of people based on current observed data. |
| Club Vita | A firm of longevity experts we partner with for longevity analysis. They combine data from thousands of pension schemes and use it to create detailed baseline longevity assumptions at member-level, as well as insight on general longevity trends and future improvements. |
| Commutation | The option for members to exchange part of their annual pension for a one-off lump sum at retirement. In the LGPS, every £1 of pension exchanged gives the member £12 of lump sum. The amounts that members commute is heavily influenced by tax rules which set an upper limit on how much lump sum can be taken tax-free. |
| CPI inflation | The annual rate of change of the Consumer Prices Index (CPI). The CPI is the UK government's preferred measure of inflation and is the measure used to increase LGPS (and all other public sector pension scheme) benefits each year. |
| Deferred pensioners | A former employee who has left employment (or opted out of the pension fund) but is not yet in receipt of their benefits from the fund. |
| Demographic assumptions | Assumptions concerned with member and employer choices rather than macroeconomic or financial factors. For example, retirement age or promotional salary scales. Demographic assumptions typically determine the timing of benefit payments. |
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| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

Glossary

| Term | Explanation |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Discount rate | A number used to place a single value on a stream of future payments, allowing for expected future investment returns. |
| Employee members | Members who are currently employed by employers who participate in the fund and paying contributions into the fund. |
| ESS | Economic Scenario Service - Hymans Robertson's proprietary economic scenario generator used to create thousands of simulations of future inflation, asset class returns and interest rates. |
| Funding position | The extent to which the assets held by the fund at 31 March 2022 cover the accrued benefits ie the liabilities. The two measures of the funding position are: the funding level - the ratio of assets to liabilities; and the funding surplus/deficit - the difference between the asset and liabilities values. |
| Inflation | Prices tend to increase over time, which is called inflation. Inflation is measured in different ways, using a different 'basket' of goods and mathematical formulas. |
| Liabilities | An employer's liability value is the single value at a given point in time of all the benefit payments expected to be made in future to all members. Benefit payments are projected using demographic and financial assumptions and the liability is calculated using a discount rate. |
| Longevity improvements | An assumption about how rates of death will change in future. Typically we assume that death rates will fall and life expectancies will improve over time, continuing the long-running trend. |
| Pensioners | A former employee who is in receipt of their benefits from the fund. This category includes eligible dependants of the former employee. |

| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

Glossary

| Term | Explanation |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Primary rate | The estimated cost of future benefits, expressed in percentage of pay terms. The primary rate will include an allowance to cover the fund's expenses. |
| Prudence | To be prudent means to err on the side of caution in the overall set of assumptions. We build prudence into the choice of discount rate by choosing an assumption with a Prudence Level of more than 50%. All other assumptions aim to be best estimate. |
| Prudence Level | A percentage indicating the likelihood that a discount rate assumption will be achieved in practice, based on the ESS model. The higher the prudence level, the more prudent the discount rate is. |
| Secondary rate | An adjustment to the primary rate, generally to reflect costs associated with benefits that have already been earned up to the valuation date. This may be expressed as a percentage of pay and/or monetary amount. |
| Withdrawal | Refers to members leaving the scheme before retirement. These members retain an entitlement to an LGPS pension when they retire, but are no longer earning new benefits. |

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Rates & Adjustments certificate



Rates and Adjustments Certificate

In accordance with Regulation 62 of the LGPS regulations, we have assessed the contributions that should be paid into the Northamptonshire Pension Fund (the Fund) by participating employers for the period 1 April 2023 to 31 March 2026 in order to maintain the solvency of the Fund.

The method and assumptions used to calculate the contributions set out in this Rates and Adjustments certificate are detailed in the Funding Strategy Statement dated March 2023 and in Appendix 2 of the report on the actuarial valuation dated 31 March 2023. These assumptions underpin our estimate of the number of members who will become entitled to a payment of pensions under the provisions of the LGPS and the amount of liabilities arising in respect of such members.

The table below summarises the whole fund primary and secondary contribution rates for the period 1 April 2023 to 31 March 2026. The primary rate is the payroll weighted average of the underlying individual employer primary rates and the secondary rate is the total of the underlying individual employer secondary rates, calculated in accordance with the LGPS regulations and CIPFA guidance. The secondary rate has been shown both as a monetary amount and an equivalent percentage of the projected pensionable pay.

| | | This valuation 31 March 2022 | |
|----------------|---------|---------------------------------|----------------------------|
| Primary rate | | 20.5% of pay | |
| Secondary rate | | Monetary amount | Equivalent to % of payroll |
| | 2023/24 | £8,586,000 | 2.0% |
| | 2024/25 | £8,155,000 | 1.9% |
| | 2025/26 | £7,660,000 | 1.7% |

The required minimum contribution rates for each employer in the Fund are set out in the remained of this certificate.

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|------------|-----------------------------------|-----------|---------------------|----------------------|--------------------------------|-------------------|-----------------------|---------------------------------------|-----------------------|-------|
| Employer | | | Primary | Secondary rate | e (% of pay plus moneta | ry amount) | Total contribution | ons (primary rate plus | secondary rate) | Notes |
| code | Employer name | (| rate % of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Councils | | | | | | | | | | - |
| | West Northamptonshire Council | | 19.6% | £6,446,000 | £6,446,000 | £6,446,000 | 19.6% plus £6,446,000 | 19.6% plus £6,446,000 | 19.6% plus £6,446,000 | |
| | Local Education Authority School | s (WNC) | 19.6% | 6.0% | 6.0% | 6.0% | 25.6% | 25.6% | 25.6% | |
| | North Northamptonshire Council | | 19.7% | £3,323,000 | £3,323,000 | £3,323,000 | 19.7% plus £3,323,000 | 19.7% plus £3,323,000 | 19.7% plus £3,323,000 | |
| | Local Education Authority Schools | s (NNC) | 19.7% | 4.5% | 4.5% | 4.5% | 24.2% | 24.2% | 24.2% | |
| 855 | Northampton Partnership Homes | | 19.6% | £1,138,000 | £1,138,000 | £1,138,000 | 19.6% plus £1,138,000 | 19.6% plus £1,138,000 | 19.6% plus £1,138,000 | |
| 858 | Pathfinder Legal Services Ltd | | 18.3% | 4.0% | 2.0% | 0.0% | 22.3% | 20.3% | 18.3% | |
| Police and | Fire | | | | | | | | | |
| | Police | | 19.4% | 0.4% | -0.1% | -0.6% | 19.8% | 19.3% | 18.8% | |
| 40 | Northamptonshire Fire and Rescu | e Service | 19.9% | -1.3% | -1.3% | -1.3% | 18.6% | 18.6% | 18.6% | |
| Colleges | | | | | | | | | | |
| | The University of Northampton | | 25.0% | £328,000 | £239,000 | £149,000 | 25.0% plus £328,000 | 25.0% plus £239,000 | 25.0% plus £149,000 | |
| | Northampton College | | 25.7% | -0.5% | -0.3% | | 25.2% | 25.4% | 25.7% | |
| 269 | Moulton College | | 25.6% | -1.8% | -0.9% | | 23.8% | 24.7% | 25.6% | |
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|----------|----------------------------------|-----------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|-------------------------|-------|
| Employer | Employer name | Primary rate | Secondary rate | (% of pay plus monetar | ry amount) | Total contributions | (primary rate plus sec | ondary rate) | Notes |
| code | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Town and | Parish Councils | | | | · · · | | · | | |
| 234 | Brackley Town Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 235 | Moulton Parish Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 237 | Raunds Town Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 238 | Towcester Town Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 239 | Oundle Town Council | 24.4% | | -1.0% | -2.0% | 24.4% | 23.4% | 22.4% | |
| 240 | Duston Parish Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 241 | Rushden Town Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 242 | Irthlingborough Town Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 247 | Stanwick Parish Council | 24.4% | | -1.0% | -2.0% | 24.4% | 23.4% | 22.4% | |
| 250 | Grange Park Parish Council | 24.4% | | -1.0% | -2.0% | 24.4% | 23.4% | 22.4% | |
| 251 | Brixworth Parish Council | 24.4% | | -1.0% | -2.0% | 24.4% | 23.4% | 22.4% | |
| 304 | Higham Ferrers Town Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 616 | Earls Barton Parish Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 712 | Deanshanger Parish Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 860 | Thrapston Town Council | 24.4% | | -1.0% | -2.0% | 24.4% | 23.4% | 22.4% | |
| 869 | Desborough Town Council | 24.4% | 1.0% | 2.0% | 3.0% | 25.4% | 26.4% | 27.4% | |
| 909 | West Haddon Parish Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 911 | Finedon Town Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| 937 | Weedon Bec Parish Council | 24.4% | | | | 24.4% | 24.4% | 24.4% | |
| | | | | | | | | | |

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|---------------|-------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|-------------------------|-------|
| Employer | Employer na | me | Primary rate | Secondary rate | e (% of pay plus monetar י | ry amount) | Total contributions | (primary rate plus sec | ondary rate) | Notes |
| code | | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Resolution | n Bodies | | | | | | | | | |
| | East Hunsbury | Parish Council | 24.3% | -13.0% | -13.2% | -13.4% | 11.3% | 11.1% | 10.9% | |
| | Wootton Parish | Council | 25.2% | -6.9% | -6.7% | -6.5% | 18.3% | 18.5% | 18.7% | |
| 80 | The Children's | Trust | 19.1% | -2.3% | -2.3% | -2.3% | 16.8% | 16.8% | 16.8% | |
| 96 | Northampton To | own Council | 21.9% | 3.9% | 4.1% | 4.2% | 25.8% | 26.0% | 26.1% | |
| 118 | Wellingborough | n Town Council | 21.2% | 1.5% | 1.0% | 0.5% | 22.7% | 22.2% | 21.7% | |
| 127 | Corby Town Co | ouncil | 22.0% | 4.0% | 1.9% | -0.2% | 26.0% | 23.9% | 21.8% | |
| 947 | Upton Parish C | ouncil | 23.2% | -2.8% | -2.5% | -2.2% | 20.4% | 20.7% | 21.0% | |
| 980 | Rothwell Town | Council | 22.7% | 1.6% | 0.8% | -0.1% | 24.3% | 23.5% | 22.6% | |
| Academies | s | | | | | | | | | |
| | Old Stratford Pr | rimary School | 20.7% | 2.3% | 2.9% | 2.9% | 23.0% | 23.6% | 23.6% | |
| | Northampton A | cademy | 19.9% | -2.7% | -3.7% | -4.7% | 17.2% | 16.2% | 15.2% | |
| | Prince William A | Academy | 21.0% | 8.9% | 9.0% | 9.0% | 29.9% | 30.0% | 30.0% | |
| | The Good Shep | bherd | 20.4% | 6.5% | 6.5% | 6.5% | 26.9% | 26.9% | 26.9% | |
| | Malcolm Arnold | Academy | 20.7% | -3.0% | -4.0% | -5.0% | 17.7% | 16.7% | 15.7% | |
| | Bishop Stopford | d Academy | 20.7% | -1.4% | -1.4% | -1.4% | 19.3% | 19.3% | 19.3% | |
| | Briar Hill Primar | ry Academy | 20.5% | -1.7% | -1.7% | -1.7% | 18.8% | 18.8% | 18.8% | |
| | The Arbours Ac | cademy | 20.0% | -1.7% | -1.7% | -1.7% | 18.3% | 18.3% | 18.3% | |
| | Friars Academy | / | 20.1% | -0.5% | -0.5% | -0.5% | 19.6% | 19.6% | 19.6% | |
| | The Castle Prin | nary | 20.5% | 0.7% | 0.7% | 0.7% | 21.2% | 21.2% | 21.2% | |
| | Upton Meadows | s Primary School | 20.4% | 0.7% | 1.2% | 1.2% | 21.1% | 21.6% | 21.6% | |
| | | | | | | | | | | |
| | ANS # EXECUTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | INVERSUS INVERSION | |
|-----------|---------------------------------------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|---------------------|--------|
| Employer | Employer name | Primary rate | | (% of pay plus monetar | | Total contributions | | | Notes |
| code | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | | | | | | | | |
| | St Brendans Catholic Primary School | 21.0% | 8.8% | 9.0% | 9.0% | 29.8% | 30.0% | 30.0% | |
| | Montsaye Academy | 20.2% | -2.7% | -3.7% | -4.7% | 17.5% | 16.5% | 15.5% | |
| | St Thomas More Catholic Primary School | 21.0% | 5.5% | 5.5% | 5.5% | 26.5% | 26.5% | 26.5% | |
| | Southfield Academy (Kettering) | 19.4% | 0.7% | | | 20.1% | 19.4% | 19.4% | |
| | Magdalen College | 20.9% | 1.6% | 0.6% | | 22.5% | 21.5% | 20.9% | |
| | The Ferrers School | 20.2% | 0.4% | 0.4% | 0.4% | 20.6% | 20.6% | 20.6% | |
| | Wootton Park School | 19.4% | -1.6% | -1.2% | -1.2% | 17.8% | 18.2% | 18.2% | |
| | Parker E-ACT Academy | 18.8% | -1.2% | -1.2% | -1.2% | 17.6% | 17.6% | 17.6% | |
| | Grange Community School | 20.5% | -1.1% | -2.1% | -3.1% | 19.4% | 18.4% | 17.4% | |
| | Thomas Becket Academy | 20.6% | 7.3% | 7.3% | 7.3% | 27.9% | 27.9% | 27.9% | |
| | Campion Academy | 21.1% | -2.0% | -2.0% | -2.0% | 19.1% | 19.1% | 19.1% | |
| | Eastfield Academy (David Ross Education Trust) | 19.9% | -2.1% | -3.1% | -4.1% | 17.8% | 16.8% | 15.8% | |
| | Elizabeth Woodville School | 21.0% | | | | 21.0% | 21.0% | 21.0% | |
| | Chenderit School Academy Trust Ltd | 20.9% | -1.3% | -1.3% | -1.3% | 19.6% | 19.6% | 19.6% | |
| | Kingsley Special Academy Trust | 20.1% | 0.4% | | | 20.5% | 20.1% | 20.1% | |
| | Southfield Primary Academy | 20.3% | -2.3% | -3.3% | -4.3% | 18.0% | 17.0% | 16.0% | |
| | The Hawksmoor Learning Trust | 20.8% | -0.1% | 0.5% | 0.5% | 20.7% | 21.3% | 21.3% | |
| | InMAT | 20.6% | 0.3% | 1.3% | 2.0% | 20.9% | 21.9% | 22.6% | |
| | Peterborough Diocese Education Trust | 20.4% | -0.1% | 0.9% | 1.4% | 20.3% | 21.3% | 21.8% | |
| | The Brooke Weston Trust | 19.9% | -2.7% | -3.7% | -4.7% | 17.2% | 16.2% | 15.2% | |
| 07 | Pathfinder Schools | 20.4% | 1.1% | 1.1% | 1.1% | 21.5% | 21.5% | 21.5% YMANS TROB | ERTSON |
| 37 | | | | | | | | | |

RATES & HYMANS 🗱 FINAL EXECUTIVE APPROACH TO VALUATION **SENSITIVITY & SECTION 13 APPENDICES ADJUSTMENTS** RÓBERTSON RESULTS COMMENTS SUMMARY VALUATION **RISK ANALYSIS** DASHBOARD CERTIFICATE Secondary rate (% of pay plus monetary amount) Total contributions (primary rate plus secondary rate) **Primary** Notes Employer Employer name rate code 2023/24 2024/25 2025/26 2023/24 2024/25 2025/26 (% of pay) Academies cont'd 19.1% Innovate MAT 20.1% -1.0% -1.0% -1.0% 19.1% 19.1% 2 Studfall Junior Academy 20.4% 4.7% 4.7% 4.7% 25.1% 25.1% 25.1% Studfall Infant School & Nursery Academy 3 20.1% 2.7% 1.7% 0.7% 22.8% 21.8% 20.8% 8 Farthinghoe Primary School 19.7% 19.7% 19.7% 19.7% 14 Parklands Primary School 20.3% 2.4% 2.4% 2.4% 22.7% 22.7% 22.7% 15 Hospital and Outreach Education PRU 20.2% 2.7% 3.7% 4.7% 22.9% 23.9% 24.9% Red Kite Academy 23 19.5% -0.7% -0.1% -0.1% 18.8% 19.4% 19.4% 19.3% 44 Priors Hall - A Learning Community 1.1% 0.1% 0.0% 20.4% 19.4% 19.3% Wollaston School (Secondary) 49 20.4% 2.6% 1.6% 0.6% 23.0% 22.0% 21.0% 51 Irchester Community Primary School 20.8% 2.8% 2.8% 2.8% 23.6% 23.6% 23.6% 59 Bozeat Community Primary School Academy 20.8% 4.1% 4.4% 4.4% 24.9% 25.2% 25.2% 60 Raunds Park Infant School 20.6% 4.4% 3.4% 2.4% 25.0% 24.0% 23.0% 62 Woodford Church of England Primary School 20.4% 1.9% 0.9% 0.0% 22.3% 21.3% 20.4% 20.8% 70 Glapthorn CE Primary 0.3% 0.6% 0.6% 21.1% 21.4% 21.4% 74 Polebrook Church of England Primary School 20.5% 4.7% 3.7% 2.7% 25.2% 24.2% 23.2% Our Lady's Catholic Primary School 94 21.0% 2.1% 1.1% 0.1% 23.1% 22.1% 21.1% (Wellingborough) 20.4% 1.2% 95 Ruskin Infant School 0.2% -0.8% 21.6% 20.6% 19.6% 1.4% 120 **Buckton Fields Primary School** 20.3% 0.4% 0.0% 21.7% 20.7% 20.3% 706 Kettering Buccleuch Academy 19.6% -3.0% -4.0% -5.0% 16.6% 15.6% 14.6% Northampton School for Boys 710 20.7% -1.8% -1.8% -1.8% 18.9% 18.9% 18.9%

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| | ANS CONSTRUCTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENT CERTIFICATI | DASHBOARD | |
|-----------|-----------------------------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|--------------------------------------|-----------------|-------|
| Employer | Employer name | Primary rate | Secondary rate | (% of pay plus moneta ب | ry amount) | Total contributions | s (primary rate plus | secondary rate) | Notes |
| code | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | | | | | | | | |
| 716 | Guilsborough School Academy | 20.7% | -1.3% | -1.3% | -1.3% | 19.4% | 19.4% | 19.4% | |
| 717 | Duston School Academy | 20.0% | -1.3% | -1.3% | -1.3% | 18.7% | 18.7% | 18.7% | |
| 718 | Hartwell Academy | 20.7% | -1.5% | -1.5% | -1.5% | 19.2% | 19.2% | 19.2% | |
| 721 | Caroline Chisholm School | 20.5% | -1.7% | -1.7% | -1.7% | 18.8% | 18.8% | 18.8% | |
| 729 | Moulton School and Science College | 20.2% | -2.0% | -2.0% | -2.0% | 18.2% | 18.2% | 18.2% | |
| 730 | Manor School Sports College | 20.0% | -0.8% | -0.8% | -0.8% | 19.2% | 19.2% | 19.2% | |
| 731 | Northgate Academy | 20.6% | -1.6% | -1.6% | -1.6% | 19.0% | 19.0% | 19.0% | |
| 734 | Sir Christopher Hatton Academy | 20.2% | -1.4% | -1.4% | -1.4% | 18.8% | 18.8% | 18.8% | |
| 735 | Woodland View Primary | 21.0% | | | | 21.0% | 21.0% | 21.0% | |
| 736 | Waynflete Infants' School | 21.1% | 5.6% | 4.6% | 3.6% | 26.7% | 25.7% | 24.7% | |
| 737 | Danetre and Southbrook Learning Village | 20.4% | -1.5% | -1.5% | -1.5% | 18.9% | 18.9% | 18.9% | |
| 738 | Huxlow Science College | 20.8% | 2.0% | 2.0% | 2.0% | 22.8% | 22.8% | 22.8% | |
| 739 | Woodnewton - A Learning Community | 20.2% | -3.1% | -4.1% | -5.1% | 17.1% | 16.1% | 15.1% | |
| 740 | Cedar Road Academy | 20.3% | | 1.0% | 1.5% | 20.3% | 21.3% | 21.8% | |
| 741 | Boughton Primary School | 21.2% | -2.0% | -2.0% | -2.0% | 19.2% | 19.2% | 19.2% | |
| 742 | Weston Favell Academy | 20.3% | | | | 20.3% | 20.3% | 20.3% | |
| 747 | Maplefields School | 19.4% | -0.8% | -0.8% | -0.8% | 18.6% | 18.6% | 18.6% | |
| 748 | Abbeyfield School | 19.5% | -0.4% | -0.4% | -0.4% | 19.1% | 19.1% | 19.1% | |
| 749 | Welton Church of England Primary Schoo | l 20.4% | -2.6% | -3.6% | -4.6% | 17.8% | 16.8% | 15.8% | |
| 750 | Wootton Primary School | 20.6% | -1.7% | -1.7% | -1.7% | 18.9% | 18.9% | 18.9% | |
| 754 | Kingsthorpe College Academy | 20.2% | 4.0% | 4.0% | 4.0% | 24.2% | 24.2% | | SON |



RATES & HYMANS 🗱 ROBERTSON FINAL COMMENTS EXECUTIVE APPROACH TO VALUATION **SENSITIVITY &** APPENDICES ADJUSTMENTS VALUATION RESULTS **RISK ANALYSIS** SUMMARY CERTIFICATE

SECTION 13 DASHBOARD

| Employer | Employer nome | Primary | Secondary ra | ate (% of pay plus mon | etary amount) | Total contributi | ons (primary rate plu | s secondary rate) | Notes |
|-----------|---------------------------------------------------------------|--------------------|--------------|--------------------------------------------|---------------|------------------|-----------------------|-----------------------|---------|
| code | Employer name | rate (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | : : | | | : | : | : | : | |
| 755 | Lumbertubs Primary Academy | 20.7% | -3.1% | -4.1% | -5.1% | 17.6% | 16.6% | 15.6% | |
| 756 | Spring Lane Primary Academy | 19.8% | -2.2% | -3.2% | -4.2% | 17.6% | 16.6% | 15.6% | |
| 758 | Ruskin Junior Academy | 20.0% | 2.7% | 1.7% | 0.7% | 22.7% | 21.7% | 20.7% | |
| 759 | Warwick Primary Academy | 19.7% | -2.7% | -3.7% | -4.7% | 17.0% | 16.0% | 15.0% | |
| 761 | The CE Academy | 20.4% | -0.5% | -0.5% | -0.5% | 19.9% | 19.9% | 19.9% | |
| 762 | Weston Favell CofE VA Primary School | 20.9% | -1.8% | -1.8% | -1.8% | 19.1% | 19.1% | 19.1% | |
| 763 | Abington Vale Primary School | 20.3% | -0.4% | 0.1% | 0.1% | 19.9% | 20.4% | 20.4% | |
| 764 | Headlands Primary School | 20.3% | 1.6% | 2.6% | 3.2% | 21.9% | 22.9% | 23.5% | |
| 765 | Lings Primary School | 20.2% | -0.9% | -0.9% | -0.9% | 19.3% | 19.3% | 19.3% | |
| 766 | Ecton Brook Primary School | 20.8% | -1.0% | -1.0% | -1.0% | 19.8% | 19.8% | 19.8% | |
| 768 | Preston Hedges Primary School | 20.1% | -0.6% | -0.4% | -0.4% | 19.5% | 19.7% | 19.7% | |
| 770 | Rushden Community College | 20.8% | | | | 20.8% | 20.8% | 20.8% | |
| 771 | Blackthorn Primary School | 20.1% | -1.5% | -1.5% | -1.5% | 18.6% | 18.6% | 18.6% | |
| 772 | Lodge Park Academy | 20.7% | | | | 20.7% | 20.7% | 20.7% | |
| 774 | Exeter Primary School | 20.0% | -1.0% | -1.0% | -1.0% | 19.0% | 19.0% | 19.0% | |
| 776 | Sunnyside Primary School | 19.9% | 1.5% | 0.5% | 0.0% | 21.4% | 20.4% | 19.9% | |
| 777 | Woodvale Primary School | 20.1% | -0.7% | 0.3% | 1.0% | 19.4% | 20.4% | 21.1% | |
| 778 | Silverstone UTC | 19.7% | -0.5% | -0.5% | -0.5% | 19.2% | 19.2% | 19.2% | |
| 779 | Thorplands Primary Academy | 20.4% | -0.4% | -0.4% | -0.4% | 20.0% | 20.0% | 20.0% | |
| 780 | Kingswood Primary Academy | 20.6% | 2.9% | 1.9% | 0.9% | 23.5% | 22.5% | 21.5% | |
| 783 | St Mary's Church of England VA Primary Academy (Kettering) | 20.0% | 1.3% | 1.3% | 1.3% | 21.3% | 21.3% | 21.3% HYMANS 🛟 ROB | ERTSON |
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| | ANS CONSTRUCTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARI | |
|-----------|--------------------------------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|-------|
| Employer | Employer name | Primary rate | Secondary rate | e (% of pay plus monetar | ry amount) | | s (primary rate plus s | econdary rate) | Notes |
| code | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | | | | | | | | |
| 784 | Olympic Primary School | 20.1% | 0.1% | | | 20.2% | 20.1% | 20.1% | |
| 785 | Windmill Primary School | 20.7% | -0.4% | 0.1% | 0.1% | 20.3% | 20.8% | 20.8% | |
| 787 | Newton Road School | 20.7% | -2.9% | -3.9% | -4.9% | 17.8% | 16.8% | 15.8% | |
| 789 | Rockingham Primary School | 20.1% | -0.8% | -0.8% | -0.8% | 19.3% | 19.3% | 19.3% | |
| 791 | Boddington Primary (South Northants C of E | 20.7% | -2.9% | -3.9% | -4.9% | 17.8% | 16.8% | 15.8% | |
| 792 | St Loys Primary (South Northants C of E) | 20.8% | 5.3% | 6.3% | 7.1% | 26.1% | 27.1% | 27.9% | |
| 793 | Culworth Primary (South Northants C of E) | 20.9% | 3.4% | 3.9% | 3.9% | 24.3% | 24.8% | 24.8% | |
| 794 | Chacombe Primary (South Northants C of E |) 20.3% | -0.4% | | | 19.9% | 20.3% | 20.3% | |
| 795 | Chipping Warden (South Northants Village) | 20.3% | 2.9% | 1.9% | 0.9% | 23.2% | 22.2% | 21.2% | |
| 796 | Kings Sutton (South Northants Village) | 20.8% | -0.1% | -0.1% | -0.1% | 20.7% | 20.7% | 20.7% | |
| 797 | Middleton Cheney (South Northants Village) | 21.1% | -0.2% | -0.2% | -0.2% | 20.9% | 20.9% | 20.9% | |
| 798 | Newnham Primary School | 20.5% | 1.1% | 0.1% | | 21.6% | 20.6% | 20.5% | |
| 807 | Queen Eleanor Primary School | 20.3% | -1.7% | -1.7% | -1.7% | 18.6% | 18.6% | 18.6% | |
| 808 | Corby Primary School | 19.5% | -0.1% | -0.1% | -0.1% | 19.4% | 19.4% | 19.4% | |
| 809 | Weavers Academy | 20.7% | 2.4% | 2.4% | 2.4% | 23.1% | 23.1% | 23.1% | |
| 811 | Greenfields School | 20.4% | -1.0% | -1.0% | -1.0% | 19.4% | 19.4% | 19.4% | |
| 812 | St Peters C of E Junior School | 20.3% | 0.2% | 0.2% | 0.2% | 20.5% | 20.5% | 20.5% | |
| 814 | Wrenn School | 20.3% | 0.8% | | | 21.1% | 20.3% | 20.3% | |
| 815 | Billing Brook Academy | 20.1% | -1.7% | -1.7% | -1.7% | 18.4% | 18.4% | 18.4% | |
| 817 | Hardingstone School | 20.6% | -1.8% | -1.8% | -1.8% | 18.8% | 18.8% | 18.8% | |
| 818 | Daventry Abbey Junior School Academy | 20.3% | -0.1% | -0.1% | -0.1% | 20.2% | 20.2% | 20.2% | |
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| | ANS CONSTRUCTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 1 DASHBOAR | |
|-----------|-------------------------------------------------|--------------------------|----------------------|-----------------------------------------|-------------------|---------------------|---------------------------------------|-----------------------|--------|
| Employer | Employer name | Primary rate | Secondary rate | e (% of pay plus monetar | ry amount) | Total contributions | (primary rate plus s | econdary rate) | Notes |
| code | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | | | | | | | | |
| 819 | Victoria Primary Academy | 20.1% | -1.0% | -1.0% | -1.0% | 19.1% | 19.1% | 19.1% | |
| 820 | Northampton School for Girls | 20.8% | 2.7% | 2.7% | 2.7% | 23.5% | 23.5% | 23.5% | |
| 821 | Kingswood Secondary Academy | 20.6% | 1.9% | 0.9% | 0.0% | 22.5% | 21.5% | 20.6% | |
| 822 | Green Oaks Academy | 20.4% | 2.8% | 2.8% | 2.8% | 23.2% | 23.2% | 23.2% | |
| 823 | Kings Heath Academy | 19.6% | -0.8% | -0.8% | -0.8% | 18.8% | 18.8% | 18.8% | |
| 824 | Malcolm Arnold Prep School | 19.4% | -1.1% | -1.1% | -1.1% | 18.3% | 18.3% | 18.3% | |
| 825 | Greenfields School and Sports College | 20.2% | | 0.2% | 0.2% | 20.2% | 20.4% | 20.4% | |
| 826 | Stimpson Avenue Primary | 20.5% | 2.6% | 3.6% | 4.6% | 23.1% | 24.1% | 25.1% | |
| 828 | Naseby C of E Primary School | 20.9% | | | | 20.9% | 20.9% | 20.9% | |
| 830 | Falconers Hill Academy | 20.2% | 1.8% | 2.6% | 2.6% | 22.0% | 22.8% | 22.8% | |
| 838 | Brambleside Primary School | 20.2% | 4.0% | 5.0% | 6.0% | 24.2% | 25.2% | 26.2% | |
| 853 | Oakway Academy | 20.0% | 3.8% | 2.8% | 1.8% | 23.8% | 22.8% | 21.8% | |
| 875 | Isebrook SEN College | 20.0% | | | | 20.0% | 20.0% | 20.0% | |
| 876 | Our Lady of Walsingham Catholic Prima School | ary 20.5% | -0.5% | -0.5% | -0.5% | 20.0% | 20.0% | 20.0% | |
| 877 | St Edwards Catholic Primary School | 20.8% | 3.7% | 3.7% | 3.7% | 24.5% | 24.5% | 24.5% | |
| 879 | Simon de Senlis Academy | 20.5% | 2.7% | 3.2% | 3.2% | 23.2% | 23.7% | 23.7% | |
| 888 | Hazel Leys Primary and Infant School | 20.2% | 4.1% | 3.1% | 2.1% | 24.3% | 23.3% | 22.3% | |
| 890 | Danesholme Junior School | 20.9% | 5.2% | 4.2% | 3.2% | 26.1% | 25.1% | 24.1% | |
| 900 | Rushden Primary School | 20.4% | -1.6% | -1.6% | -1.6% | 18.8% | 18.8% | 18.8% | |
| 902 | Ecton Village Primary Academy | 19.6% | 1.0% | | | 20.6% | 19.6% | 19.6% | |
| 910 | St Luke's Academy Trust HQ Staff | 20.7% | -2.4% | -3.4% | -4.4% | 18.3% | 17.3% | 16.3% | EDTOOL |
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| | ANS 🗱 RTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD | , |
|-----------|---------------------|------------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|-------------------------|-------|
| Employer | Employer name | ` | Primary rate | Secondary rate | (% of pay plus monetary | y amount) | Total contributions | (primary rate plus seco | ondary rate) | Notes |
| code | | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Academies | s cont'd | | | | | | | | | |
| 919 | St Gregory's RC F | Primary School | 21.2% | 2.7% | 3.7% | 4.7% | 23.9% | 24.9% | 25.9% | |
| 920 | St Mary's RC Prin | nary School | 20.7% | 3.2% | 3.2% | 3.2% | 23.9% | 23.9% | 23.9% | |
| 923 | Northampton Inter | national Academy | 19.8% | | | | 19.8% | 19.8% | 19.8% | |
| 931 | Stanwick Primary | School (Academy) | 20.6% | 3.2% | 3.2% | 3.2% | 23.8% | 23.8% | 23.8% | |
| 935 | Danesholme Infar | its School | 20.2% | 1.7% | 0.7% | | 21.9% | 20.9% | 20.2% | |
| 938 | Daventry Hill Scho | lool | 19.7% | -1.5% | -1.5% | -1.5% | 18.2% | 18.2% | 18.2% | |
| 940 | The Spires Acade | my | 19.6% | 1.1% | 1.1% | 1.1% | 20.7% | 20.7% | 20.7% | |
| 944 | Byfield School | | 20.6% | | | | 20.6% | 20.6% | 20.6% | |
| 945 | Rectory Farm Prin | nary Academy | 19.9% | 1.8% | 2.0% | 2.0% | 21.7% | 21.9% | 21.9% | |
| 967 | Pineham Barns P | imary School | 20.1% | -0.8% | -0.2% | -0.2% | 19.3% | 19.9% | 19.9% | |
| 968 | Wren Spinney Co | mmunity Special School | 20.1% | 3.9% | 2.9% | 1.9% | 24.0% | 23.0% | 22.0% | |
| 969 | Purple Oaks Acad | lemy | 20.2% | -0.2% | -0.2% | -0.2% | 20.0% | 20.0% | 20.0% | |
| 971 | East Hunsbury Pr | mary School | 20.9% | 0.5% | | | 21.4% | 20.9% | 20.9% | |
| 999 | Learning for Life E | ducation Trust | 20.6% | 1.6% | 1.6% | 1.6% | 22.2% | 22.2% | 22.2% | |
| 121 | Redwell Primary S | School | 20.6% | 2.9% | 1.9% | 0.9% | 23.5% | 22.5% | 21.5% | |

| HYM <i>A</i> Robe | ANS CUTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | | |
|----------------------|----------------------------------------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|---------------------|-------|
| Employer code | Employer name | Primary rate | | (% of pay plus monetar | | | ons (primary rate plus | | Notes |
| COUE | | (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Communit | y Admission Bodies | | | | | | | | |
| 276 | The Northampton Theatres Trust Limited | 29.8% | | | | 29.8% | 29.8% | 29.8% | |
| 278 | The Girls Day School Trust | 32.9% | 1.6% | 1.6% | 1.6% | 34.5% | 34.5% | 34.5% | |
| 295 | Futures Housing Group | 43.2% | £120,000 | £144,000 | £169,000 | 43.2% plus £120,000 | 43.2% plus £144,000 | 43.2% plus £169,000 | |
| 300 | Greatwell Homes | 42.0% | -42.0% | -42.0% | -42.0% | 0.0% | 0.0% | 0.0% | |
| 301 | Grand Union Housing | 44.3% | -44.3% | -44.3% | -44.3% | 0.0% | 0.0% | 0.0% | |
| 302 | Rockingham Forest Trust | 50.8% | -50.8% | -50.8% | -50.8% | 0.0% | 0.0% | 0.0% | |
| 303 | EMPSN | 26.1% | -6.4% | -3.2% | | 19.7% | 22.9% | 26.1% | |
| Transferee | Admission Bodies | | | | | | | | |
| | Places for People (DC Leisure) | 35.3% | -35.3% | -35.3% | -35.3% | 0.0% | 0.0% | 0.0% | |
| 19 | Parkwood Ltd (The Castle Theatre) | 31.2% | -11.5% | -11.5% | -11.5% | 19.7% | 19.7% | 19.7% | |
| 73 | ABM Catering (St Mary's CE Primary Academy) | 37.9% | -37.9% | -37.9% | -37.9% | 0.0% | 0.0% | 0.0% | |
| 97 | RM Education (Brooke Weston Academy Trust) | 32.4% | -32.4% | -32.4% | -32.4% | 0.0% | 0.0% | 0.0% | |
| 117 | Birkin Cleaning Services | 40.4% | -40.4% | -40.4% | -40.4% | 0.0% | 0.0% | 0.0% | |
| 284 | Shaw Healthcare | 35.7% | -35.7% | -35.7% | -35.7% | 0.0% | 0.0% | 0.0% | |
| 286 | Amey Plc | 28.3% | -10.6% | -10.6% | -10.6% | 17.7% | 17.7% | 17.7% | |
| 393 | Northamptonshire Music and Performing Art Trust | ts 36.8% | -36.8% | -36.8% | -36.8% | 0.0% | 0.0% | 0.0% | |
| 398 | University of Northampton Enterprise Ltd | 33.7% | -33.7% | -33.7% | -33.7% | 0.0% | 0.0% | 0.0% | |
| 399 | Kier (May Gurney Fleet and Pass) | 39.7% | -39.7% | -39.7% | -39.7% | 0.0% | 0.0% | 0.0% | |
| 714 | Kier (May Gurney Nordis) | 33.4% | -10.4% | -10.4% | -10.4% | 23.0% | 23.0% | 23.0% | |
| 720 | Unity Leisure | 35.5% | -35.5% | -35.5% | -35.5% | 0.0% | 0.0% | 0.0% | |
| | | | | | | | 8.1 | | |

| | ANS EXECUTIVE RTSON SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD | |
|------------|--------------------------------------------------|--------------------------|----------------------|--------------------------------|-------------------|---------------------|---------------------------------------|-------------------------|-------|
| Employer | | Primary | Secondary rate | (% of pay plus monetar | y amount) | Total contributions | (primary rate plus sec | ondary rate) | Notes |
| code | Employer name | rate (% of pay) | 2023/24 | 2024/25 | 2025/26 | 2023/24 | 2024/25 | 2025/26 | |
| Transferee | Admission Bodies cont'd | : : | ÷ | i | : | i | : | | |
| 724 | Balfour Beatty-St Lighting | 37.9% | -23.5% | -23.5% | -23.5% | 14.4% | 14.4% | 14.4% | |
| 917 | Prospect Services | 37.8% | -37.8% | -37.8% | -37.8% | 0.0% | 0.0% | 0.0% | |
| 959 | Aspens - DSLV Academy - Dantre and Southbrook | 37.9% | -37.9% | -37.9% | -37.9% | 0.0% | 0.0% | 0.0% | |
| 966 | Voice for Victims and Witnesses Ltd | 31.6% | -14.7% | -14.7% | -14.7% | 16.9% | 16.9% | 16.9% | |
| 970 | Legacy Leisure Ltd | 39.9% | -9.9% | -9.9% | -9.9% | 30.0% | 30.0% | 30.0% | |
| 975 | Just Ask Cleaning | 35.6% | -35.6% | -35.6% | -35.6% | 0.0% | 0.0% | 0.0% | |
| 987 | IDVerde Ltd | 32.6% | -31.4% | -31.4% | -31.4% | 1.2% | 1.2% | 1.2% | |
| 988 | Veolia UK Ltd | 32.1% | -17.0% | -17.0% | -17.0% | 15.1% | 15.1% | 15.1% | |
| Post 2022 | valuation employers | | | | | | | | |
| 134 | Compass Contract Services (Innovate M | /IAT) 23.1% | | | | 23.1% | 23.1% | 23.1% | |
| 193 | Rothersthorpe School | 19.1% | | | | 19.1% | 19.1% | 19.1% | |
| 194 | Park Junior Academy (Wellingborough) | 19.9% | | | | 19.9% | 19.9% | 19.9% | |
| 195 | Stanton Cross Primary School (NPAT) | 19.1% | | | | 19.1% | 19.1% | 19.1% | |
| 203 | Aspens (Huxlow Academy) | 18.9% | | | | 18.9% | 18.9% | 18.9% | |
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VALUATION RESULTS

SENSITIVITY & RISK ANALYSIS COMMENTS

FINAL

APPENDICES

SECTION 13 DASHBOARD

RATES &

ADJUSTMENTS

CERTIFICATE

Further comments to the Rates and Adjustments Certificate

- Contributions expressed as a percentage of payroll should be paid into the Fund at a frequency in accordance with the requirements of the Regulations •
- Further sums should be paid to the Fund to meet the costs of any early retirements and/or augmentations using methods and factors issued by us from time to time or as otherwise agreed.
- Payments may be required to be made to the Fund by employers to meet the capital costs of any ill-health retirements that exceed those allowed for within our assumptions.
- The certified contribution rates represent the minimum level of contributions to be paid. Employing authorities may pay further amounts at any time and future • periodic contributions may be adjusted on a basis approved by the Fund Actuary.
- The monetary contributions set out in the certificate above can be prepaid in advance with appropriate adjustments for interest as and when agreed with the Administering Authority. Under these circumstances a revised Rates and Adjustments certificate may be issued reflecting any advance payments.

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Douglas Green FFA 30 March 2023 For and on behalf of Hymans Robertson LLP

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Robert McInroy FFA



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Section 13 Dashboard



| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

| Metric | Unit | 2022 valuation |
|----------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022 funding position – local funding basis | | |
| Funding level (assets/liabilities) | % | 113% |
| Funding level (change since previous valuation) | % | 20% increase |
| Asset value used at the valuation | £m | 3,364 |
| Value of liabilities (including McCloud liability) | £m | 2,984 |
| Surplus (deficit) | £m | 380 |
| Discount rate – past service | % pa | 4.4% |
| Discount rate – future service | % pa | Past service and future service are consistently valued with the same underlying assumptions, methodologies and models regarding future expected levels of inflation, interest rates and investment returns. |
| Assumed pension increase (CPI) | % pa | 2.7% |
| Method of derivation of discount rate, plus any changes since previous valuation | | There is a 70% likelihood that the Fund's assets will return at least 4.4% over the 20 years following the 2022 valuation date. This is the same methodology and likelihood used for the 2019 valuation. |

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| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

| Metric | Unit | 2022 valuation |
|--------------------------------------------------------------------------|-------|----------------|
| Assumed life expectancy at age 65 | | |
| Life expectancy for current pensioners – men age 65 | years | 21.6 |
| Life expectancy for current pensioners – women age 65 | years | 24.3 |
| Life expectancy for future pensioners – men age 45 | years | 22.5 |
| Life expectancy for future pensioners – women age 45 | years | 25.8 |
| Past service funding position – SAB basis (for comparison purposes only) | | |
| Market value of assets | £m | 3,364 |
| Value of liabilities | £m | 2,783 |
| Funding level on SAB basis (assets/liabilities) | % | 121% |
| Funding level on SAB basis (change since last valuation) | % | 15% increase |

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| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |

| Metric | Unit | 2022 valuation | 2019 valuation |
|-----------------------------------------------------------------------------------------------|----------|----------------|----------------|
| Contribution rates payable | | | |
| Primary contribution rate | % of pay | 20.5% | 19.0% |
| Secondary contribution rate (cash amounts in each year in line with CIPFA guidance) | | | |
| 1 st year of rates and adjustments certificate | £m | 8.586 | 20.339 |
| 2 nd year of rates and adjustments certificate | £m | 8.155 | 20.463 |
| 3 rd year of rates and adjustments certificate | £m | 7.660 | 20.696 |
| Giving total expected contributions | | | |
| 1 st year of rates and adjustments certificate (£ figure based on assumed payroll) | £m | 95.117 | 84.783 |
| 2 nd year of rates and adjustments certificate (£ figure based on assumed payroll) | £m | 97.475 | 86.731 |
| 3 rd year of rates and adjustments certificate (£ figure based on assumed payroll) | £m | 99.859 | 88.840 |
| Assumed payroll (cash amounts in each year) | | | |
| 1 st year of rates and adjustments certificate | £m | 422.794 | 338.500 |
| 2 nd year of rates and adjustments certificate | £m | 436.423 | 348.100 |
| 3 rd year of rates and adjustments certificate | £m | 450.491 | 358.000 |
| 3 year average total employer contribution rate | % of pay | 22.4% | 24.9% |
| Average employee contribution | % of pay | 6.3% | 6.3% |
| Employee contribution rate (£ figure based on assumed payroll of £423m) | £m pa | 26.774 | 21.265 |
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| HYMANS 🗱 ROBERTSON | EXECUTIVE SUMMARY | APPROACH TO VALUATION | VALUATION RESULTS | SENSITIVITY & RISK ANALYSIS | FINAL COMMENTS | APPENDICES | RATES & ADJUSTMENTS CERTIFICATE | SECTION 13 DASHBOARD |
|-----------------------|----------------------|--------------------------|----------------------|--------------------------------|-------------------|------------|---------------------------------------|-------------------------|
| | | | | | | | | |
| | | | | | | | | |

| Metric | Unit | 2022 valuation | 2019 valuation |
|------------------------------------------------------------------------------------------------------------|------|----------------------|----------------------|
| Deficit recovery and surplus spreading plan | | | |
| Latest deficit recovery period end date, where this methodology is used by the fund's actuarial advisor | Year | Methodology not used | Methodology not used |
| Earliest surplus spreading period end date, where this methodology is used by the fund's actuarial advisor | Year | Methodology not used | Methodology not used |
| The time horizon end date, where this methodology is used by the fund's actuarial advisor | Year | 2042 | 2039 |
| The funding plan's likelihood of success, where this methodology is used by the fund's actuarial advisor | % | 81% | 75% |
| Percentage of liabilities relating to employers with deficit recovery periods of longer than 20 years | % | 0% | 0% |
| Additional information | | | |
| Percentage of total liabilities that are in respect of Tier 3 employers | % | 12% | 11% |
| Included climate change analysis/comments in the 2022 valuation report | | Yes | |
| Value of McCloud liability in the 2022 valuation report (on local funding basis) | £m | 2.700 | |

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