

London Borough of Hillingdon Pension Fund
Funding Strategy Statement
March 2023



Contents

London Borough of Hillingdon Pension Fund – Funding Strategy Statement

Page

1	Welcome to London Borough of Hillingdon Pension Fund's funding strategy statement	1
2	How does the fund calculate employer contributions?	3
3	What additional contributions may be payable?	6
4	How does the fund calculate assets and liabilities?	7
5	What happens when an employer joins the fund?	8
6	What happens if an employer has a bulk transfer of staff?	10
7	What happens when an employer leaves the fund?	11
8	What are the statutory reporting requirements?	13

Appendices

- Appendix A – The regulatory framework
- Appendix B – Roles and responsibilities
- Appendix C – Risks and controls
- Appendix D – Actuarial assumptions
- Appendix E – Contribution review policy
- Appendix F – Cessation policy

1 Welcome to London Borough of Hillingdon Pension Fund's funding strategy statement

This document sets out the funding strategy statement (FSS) for London Borough of Hillingdon Pension Fund.

The London Borough of Hillingdon Pension Fund is administered by London Borough of Hillingdon, known as the administering authority. London Borough of Hillingdon worked with the fund's actuary, Hymans Robertson, to prepare this FSS which is effective from 1 April 2023.

There's a regulatory requirement for London Borough of Hillingdon to prepare an FSS. You can find out more about the regulatory framework in [Appendix A](#). If you have any queries about the FSS, contact pensions@hillingdon.gov.uk.

1.1 What is the London Borough of Hillingdon Pension Fund?

The London Borough of Hillingdon Pension Fund is part of the Local Government Pension Scheme (LGPS). You can find more information about the LGPS at www.lgpsmember.org. The administering authority runs the fund on behalf of participating employers, their employees and current and future pensioners. You can find out more about roles and responsibilities in [Appendix B](#).

1.2 What are the funding strategy objectives?

The funding strategy objectives are to:

- take a prudent long-term view to secure the regulatory requirement for long-term solvency, with sufficient funds to pay benefits to members and their dependants
- use a balanced investment strategy to minimise long-term cash contributions from employers and meet the regulatory requirement for long-term cost efficiency
- where appropriate, ensure stable employer contribution rates
- reflect different employers' characteristics to set their contribution rates, using a transparent funding strategy
- use reasonable measures to reduce the risk of an employer defaulting on its pension obligations.

1.3 Who is the FSS for?

The FSS is mainly for employers participating in the fund, because it sets out how money will be collected from them to meet the fund's obligations to pay members' benefits.

Different types of employers participate in the fund:

Scheduled bodies

Employers who are specified in a schedule to the LGPS regulations, including councils and employers like academies and further education establishments. Scheduled bodies must give employees access to the LGPS if they can't accrue benefits in another pension scheme, such as another public service pension scheme.

Designating employers

Employers like town and parish councils can join the LGPS through a resolution. If a resolution is passed, the fund can't refuse entry. The employer then decides which employees can join the scheme.

Admission bodies

Other employers can join through an admission agreement. The fund can set participation criteria for them and can refuse entry if the requirements aren't met. This type of employer includes contractors providing outsourced services like cleaning or catering to a scheduled body.

Some existing employers may be referred to as **community admission bodies** (CABs). CABs are employers with a community of interest with another scheme employer. Others may be called **transferee admission bodies** (TABs), that provide services for scheme employers. These terms aren't defined under current regulations but remain in common use from previous regulations.

1.4 How does the funding strategy link to the investment strategy?

The funding strategy sets out how money will be collected from employers to meet the fund's obligations. Contributions, assets and other income are then invested according to an investment strategy set by the administering authority. You can find the investment strategy statement at www.hillingdon.gov.uk/pension-fund-documents.

The funding and investment strategies are closely linked. The fund must be able to pay benefits when they are due – those payments are met from a combination of contributions (through the funding strategy) and asset returns and income (through the investment strategy). If investment returns or income fall short the fund won't be able to pay benefits, so higher contributions would be required from employers.

1.5 Does the funding strategy reflect the investment strategy?

The funding policy is consistent with the investment strategy. Future investment return expectations are set with reference to the investment strategy, including a margin for prudence which is consistent with the regulatory requirement that funds take a 'prudent longer-term view' of funding liabilities (see [Appendix A](#))

1.6 How is the funding strategy specific to the London Borough of Hillingdon Pension Fund?

The funding strategy reflects the specific characteristics of the fund employers and its own investment strategy.

2 How does the fund calculate employer contributions?

2.1 Calculating contribution rates

Employee contribution rates are set by the LGPS regulations.

Employer contributions are made up of three elements:

- **the primary contribution rate** – contributions payable towards future benefits
- **the secondary contribution rate** – the difference between the primary rate and the total employer contribution

The primary rate also includes an allowance for the fund's expenses.

The fund actuary uses a model to project each employer's asset share over a range of future economic scenarios. The contribution rate takes each employer's assets into account as well as the projected benefits due to their members. The value of the projected benefits is worked out using employer membership data and the assumptions in [Appendix D](#).

The total contribution rate for each employer is then based on:

- **the funding target** – how much money the fund aims to hold for each employer
- **the time horizon** – the time over which the employer aims to achieve the funding target
- **the likelihood of success** – the proportion of modelled scenarios where the funding target is met.

This approach takes into account the maturing profile of the membership when setting employer contribution rates.

Table 1: contribution rate calculation for individual or pooled employers

Type of employer	Scheduled bodies			CABs and designating employers		TABs
Sub-type	Local authority	Academies	Other scheduled bodies	Open to new entrants	Closed to new entrants	Without pass-through agreements*
Funding target*	Ongoing	Ongoing	Ongoing	Ongoing, but may move to low-risk exit basis		Ongoing
Minimum likelihood of success	70%	70%	75%	75%	75%	75%
Maximum time horizon	20 years	20 years	20 years	15 years	15 years or future working lifetime, if less	15 years or contract length, if less
Primary rate approach	The contributions must be sufficient to meet the cost of benefits earned in the future with the required likelihood of success at the end of the time horizon					
Secondary rate	% of payroll	% of payroll	% of payroll	% of payroll	Monetary amount	% of payroll

Type of employer	Scheduled bodies			CABs and designating employers		TABs
	Local authority	Academies	Other scheduled bodies	Open to new entrants	Closed to new entrants	Without pass-through agreements*
Stabilised contribution rate?	Yes	No	No	No	No	No
Treatment of surplus (assessed at valuation date)	Total contribution rate must be set at least at the primary rate. However, reductions may be permitted by the administering authority subject to additional consideration of any funding surplus			Total contribution rate must be set at least at the primary rate. However, reductions may be permitted by the administering authority subject to additional consideration of the low-risk exit basis* position		Total contribution rate must be set at least at the primary rate. However, reductions may be permitted by the administering authority subject to additional consideration of any funding surplus
Phasing of contribution changes	Covered by stabilisation arrangement	Discretion of administering authority				None

* Employers participating in the Fund under a pass-through agreement will pay a contribution rate as agreed between the contractor and letting employer, subject to administering authority approval. For pass-through arrangements let by London Borough of Hillingdon, the contribution rate is set at 26% of pay.

** See [Appendix D](#) for further information on funding targets.

2.2 Making contribution rates stable

Making employer contribution rates reasonably stable is an important funding objective. Where appropriate, contributions are set with this objective in mind. The fund may adopt a stabilised approach to setting contributions for individual employers, which keeps contribution variations within a pre-determined range from year-to-year. Stabilisation criteria and limits are reviewed during each triennial valuation process.

The administering authority believes a stabilised approach is a prudent long-term strategy and the robustness of this approach was once again tested by extensive asset liability modelling (ALM) carried out by the Fund actuary at the 31 March 2022 funding valuation.

Table 1: current stabilisation approach

Type of employer	Local authority
Maximum contribution increase per year	+1% of pay
Maximum contribution decrease per year	-1% of pay

2.3 Reviewing contributions between valuations

The fund may amend contribution rates between formal valuations, in line with its policy on contribution reviews. The Fund's policy is available in [Appendix E](#). The purpose of any review is to establish the most appropriate contributions. A review may lead to an increase or decrease in contributions.

2.4 What is pooling?

The administering authority may operate contribution rate pools for similar types of employers. Contribution rates can be volatile for smaller employers that are more sensitive to individual membership changes – pooling across a group of employers minimises this. In a contribution rate pool, contributions are set to target full funding for the pool as a whole, rather than for individual employers.

Employers in a pool maintain their individual funding positions, tracked by the fund actuary. That means some employers may be better funded or more poorly funded than the pool average. If pooled employers used stand-alone funding rather than pooling, their contribution rates could be higher or lower than the pool rate. Setting contributions in this way means that while the fund receives the contributions required, the risk that employers develop a surplus or deficit increases.

Pooled employers are identified in the rates and adjustments certificate and only have their pooled contributions certified. Individual contribution rates aren't disclosed to pooled employers, unless agreed by the administering authority.

2.5 What are the current contribution pools?

- Council – the council pool includes various employers associated with the council including maintained schools.
- Multi Academy Trusts – academies in the Fund who operate under the same multi academy trust (MAT) are permitted to pay a MAT contribution rate.

2.6 Administering authority discretion

Individual employers may be affected by circumstances not easily managed within the FSS rules and policies. If this happens, the administering authority may adopt alternative funding approaches on a case-by-case basis.

Additionally, the administering authority may allow greater flexibility to the employer's contributions if added security is provided. Flexibility could include things like a reduced contribution rate, extended time horizon, or permission to join a pool. Added security may include a suitable bond, a legally binding guarantee from an appropriate third party, or security over an asset.

The fund may permit the prepayment of employer contributions in specific circumstances. Further details are available on request.

3 What additional contributions may be payable?

3.1 Pension costs – awarding additional pension and early retirement on non ill-health grounds

If an employer awards additional pension as an annual benefit amount, they pay an additional contribution to the fund as a single lump sum. The amount is set by guidance issued by the Government Actuary's Department and updated from time to time.

If an employee retires before their normal retirement age on unreduced benefits, employers will be asked to pay additional contributions called strain payments.

Employers typically make strain payments as a single lump sum, though strain payments may be spread over an appropriate period if the administering authority agrees.

3.2 Pension costs – early retirement on ill-health grounds

If a member retires early due to ill-health, an additional funding strain will usually arise, which can be very large. Such strain costs are the responsibility of the member's employer to pay.

To mitigate this risk, individual employers may elect to use external insurance.

The Fund is reviewing its policy with regards to early retirements on ill-health grounds, and this is expected to be available in 2023.

4 How does the fund calculate assets and liabilities?

4.1 How are employer asset shares calculated?

The fund adopts a cashflow approach to track individual employer assets.

Each fund employer has a notional share of the fund's assets, which is assessed yearly by the actuary. The actuary starts with assets from the previous year-end, adding cashflows paid in/out and investment returns to give a new year-end asset value. The fund actuary makes a simplifying assumption, that all cashflow and investment returns have been paid uniformly over the year. This assumption means that the sum of all employers' asset values is slightly different from the whole fund asset total over time. This minimal difference is split between employers in proportion to their asset shares at each valuation.

If an employee moves one from one employer to another within the fund, assets equal to the cash equivalent transfer value (CETV) will move from the original employer to the receiving employer's asset share. These are calculated on an annual basis.

Alternatively, if employees move when a new academy is formed or an outsourced contract begins, the fund actuary will calculate assets linked to the value of the liabilities transferring.

4.2 How are employer liabilities calculated?

The fund holds membership data for all active, deferred and pensioner members. Based on this data and the assumptions in [Appendix D](#), the fund actuary projects the expected benefits for all members into the future. This is expressed as a single value – the liabilities – by allowing for expected future investment returns.

Each employer's liabilities reflect the experience of their own employees and ex-employees.

4.3 What is a funding level?

An employer's funding level is the ratio of the market value of asset share against liabilities. If this is less than 100%, the employer has a shortfall: the employer's deficit. If it is more than 100%, the employer is in surplus. The amount of deficit or surplus is the difference between the asset value and the liabilities value.

Funding levels and deficit/surplus values measure a particular point in time, based on a particular set of future assumptions. While this measure is of interest, for most employers the main issue is the level of contributions payable. The funding level does not directly drive contribution rates. See section 2 for further information on rates.

5 What happens when an employer joins the fund?

5.1 When can an employer join the fund

Employers can join the fund if they are a new scheduled body or a new admission body. New designated employers may also join the fund if they pass a designation to do so.

On joining, the fund will determine the assets and liabilities for that employer within the Fund. The calculation will depend on the type of employer and the circumstances of joining.

A contribution rate will also be set. This will be set in accordance with the calculation set out in Section 2, unless alternative arrangements apply (for example, the employer has agreed a pass-through arrangement). More details on this are in Section 5.4 below.

5.2 New academies

New academies (including free schools) join the fund as separate scheduled employers. Only active members of former council schools transfer to new academies. Free schools do not transfer active members from a converting school but must allow new active members to transfer in any eligible service.

Liabilities for transferring active members will be calculated (on the ongoing basis) by the fund actuary on the day before conversion to an academy. Liabilities relating to the converting school's former employees (ie members with deferred or pensioner status) remain with the ceding council.

New academies will be allocated an asset share based on the estimated funding level of the ceding council's active members, having first allocated the council's assets to fully fund their deferred and pensioner members. This funding level will then be applied to the transferring liabilities to calculate the academy's initial asset share, capped at a maximum of 100%.

The council's estimated funding level will be based on market conditions on the day before conversion. The fund treats new academies as separate employers in their own right, who are responsible for their allocated assets and liabilities.

For contribution rate purposes there are two options:

- The new academies' individual contribution rate will be calculated based on the current funding strategy (set out in section 2) and the transferring membership.
- If they are part of a MAT, the new academy can be combined with the other academies in the same MAT to set a combined MAT contribution rate.

If an academy leaves one MAT and joins another, all active, deferred and pensioner members transfer to the new MAT.

The fund's policies on academies may change based on updates to guidance from the Department for Levelling Up, Housing and Communities or the Department for Education. Any changes will be communicated and reflected in future funding strategy statements.

5.3 New admission bodies as a results of outsourcing services

New admission bodies usually join the fund because an existing employer (usually a scheduled body like a council or academy) outsources a service to another organisation (a contractor). This involves TUPE transfers of staff from the letting employer to the contractor. The contractor becomes a new participating fund employer for the duration of the contract and transferring employees remain eligible for LGPS membership. At the end of the contract, employees typically revert to the letting employer or a replacement contractor.

Liabilities for transferring active members will be calculated by the fund actuary on the day before the outsourcing occurs.

New contractors will be allocated an asset share equal to the value of the transferring liabilities. The admission agreement may set a different initial asset allocation, depending on contract-specific circumstances.

There is flexibility for outsourcing employers when it comes to pension risk potentially taken on by the contractor. You can find more details on outsourcing options from the administering authority or in the contract admission agreement.

The Fund is reviewing its policy with regards to pass-through arrangements, and this is expected to be available in 2023.

5.4 Other new employers

There may be other circumstances that lead to a new admission body entering the fund, e.g. set up of a wholly owned subsidiary company by a local authority. Calculation of assets and liabilities on joining and a contribution rate will be carried out allowing for the circumstances of the new employer.

New designated employers may also join the fund. These are usually town and parish councils. Contribution rates will be set using the same approach as other designated employers in the fund.

5.5 Risk assessment for new admission bodies

Under the LGPS regulations, a new admission body must assess the risks it poses to the fund if the admission agreement ends early, for example if the admission body becomes insolvent or goes out of business. In practice, the fund actuary assesses this because the assessment must be carried out to the administering authority's satisfaction.

After considering the assessment, the administering authority may decide the admission body must provide security, such as a guarantee from the letting employer, an indemnity or a bond.

This must cover some or all of the:

- strain costs of any early retirements, if employees are made redundant when a contract ends prematurely
- allowance for the risk of assets performing less well than expected
- allowance for the risk of liabilities being greater than expected
- allowance for the possible non-payment of employer and member contributions
- admission body's existing deficit.

6 What happens if an employer has a bulk transfer of staff?

Bulk transfer cases will be looked at individually, but generally:

- the fund won't pay bulk transfers greater in value than either the asset share of the transferring employer in the fund, or the value of the liabilities of the transferring members, whichever is lower
- the fund won't grant added benefits to members bringing in entitlements from another fund, unless the asset transfer is enough to meet the added liabilities
- the fund may permit shortfalls on bulk transfers if the employer has a suitable covenant and commits to meeting the shortfall in an appropriate period, which may require increased contributions between valuations.

7 What happens when an employer leaves the fund?

7.1 What is a cessation event?

Triggers for considering cessation from the fund are:

- the last active member stops participation in the fund. The administering authority, at their discretion, can defer acting for up to three years by issuing a suspension notice. That means cessation won't be triggered if the employer takes on one or more active members during the agreed time
- insolvency, winding up or liquidation of the admission body
- a breach of the agreement obligations that isn't remedied to the fund's satisfaction
- failure to pay any sums due within the period required
- failure to renew or adjust the level of a bond or indemnity, or to confirm an appropriate alternative guarantor
- termination of a deferred debt arrangement (DDA).

If no DDA exists, the administering authority will instruct the fund actuary to carry out a cessation valuation to calculate if there is a surplus or a deficit when the fund leaves the scheme.

7.2 What happens on cessation?

The administering authority must protect the interests of the remaining fund employers when an employer leaves the scheme. The actuary aims to protect remaining employers from the risk of future loss. The funding target adopted for the cessation calculation is below. These are defined in [Appendix D](#).

- (a) Where there is no guarantor, cessation liabilities and a final surplus/deficit will usually be calculated using a low-risk basis, which is more prudent than the ongoing participation basis. The low-risk exit basis is defined in [Appendix D](#).
- (b) Where there is a guarantor, the guarantee will be considered before the cessation valuation. Where the guarantor is a guarantor of last resort, this will have no effect on the cessation valuation. If this isn't the case, cessation may be calculated using the same basis that was used to calculate liabilities (and the corresponding asset share) on joining the fund.
- (c) Depending on the guarantee, it may be possible to transfer the employer's liabilities and assets to the guarantor without crystallising deficits or surplus. This may happen if an employer can't pay the contributions due and the approach is within guarantee terms.

If the fund can't recover the required payment in full, unpaid amounts will be paid by the related letting authority (in the case of a ceased admission body) or shared between the other fund employers. This may require an immediate revision to the rates and adjustments certificate or be reflected in the contribution rates set at the next formal valuation.

The fund actuary charges a fee for cessation valuations and there may be other cessation expenses. Fees and expenses are at the employer's expense.

The cessation policy is in [Appendix F](#).

7.3 What happens if there is a surplus?

If the cessation valuation shows the exiting employer has more assets than liabilities – an exit credit – the administering authority can decide how much will be paid back to the employer based on:

- the surplus amount

- the proportion of the surplus due to the employer's contributions
- any representations (like risk sharing agreements or guarantees) made by the exiting employer and any employer providing a guarantee or some other form of employer assistance/support
- any other relevant factors.

7.4 How do employers repay cessation debts?

If there is a deficit, full payment will usually be expected in a single lump sum or in exceptional circumstances:

- spread over an agreed period, if the employer enters into a deferred spreading agreement (DSA)
- if an exiting employer enters into a deferred debt agreement (DDA), it stays in the fund and pays contributions until the cessation debt is repaid. Payments are reassessed at each formal valuation.

These employer flexibilities are set out in the cessation policy ([Appendix F](#)).

7.5 What if an employer has no active members?

When employers leave the fund because their last active member has left, they may pay a cessation debt, receive an exit credit or enter a DDA/DSA. Beyond this they have no further obligation to the fund and either:

- a) their asset share runs out before all ex-employees' benefits have been paid. The other fund employers will be required to contribute to the remaining benefits. The fund actuary will portion the liabilities on a pro-rata basis at each formal valuation
- b) the last ex-employee or dependant dies before the employer's asset share is fully run down. The fund actuary will apportion the remaining assets to the other fund employers.

8 What are the statutory reporting requirements?

8.1 Reporting regulations

The Public Service Pensions Act 2013 requires the Government Actuary's Department to report on LGPS funds in England and Wales after every three-year valuation, in what's usually called a section 13 report. The report should include confirmation that employer contributions are set at the right level to ensure the fund's solvency and long-term cost efficiency.

8.2 Solvency

Employer contributions are set at an appropriate solvency level if the rate of contribution targets a funding level of 100% over an appropriate time, using appropriate assumptions compared to other funds. Either:

- (a) employers collectively can increase their contributions, or the fund can realise contingencies to target a 100% funding level

or

- (b) there is an appropriate plan in place if there is, or is expected to be, a reduction in employers' ability to increase contributions as needed.

8.3 Long-term cost efficiency

Employer contributions are set at an appropriate long-term cost efficiency level if the contribution rate makes provision for the cost of current benefit accrual, with an appropriate adjustment for any surplus or deficit.

To assess this, the administering authority may consider absolute and relative factors.

Relative factors include:

1. comparing LGPS funds with each other
2. the implied deficit recovery period
3. the investment return required to achieve full funding after 20 years.

Absolute factors include:

1. comparing funds with an objective benchmark
2. the extent to which contributions will cover the cost of current benefit accrual and interest on any deficit
3. how the required investment return under relative considerations compares to the estimated future return targeted by the investment strategy
4. the extent to which contributions paid are in line with expected contributions, based on the rates and adjustment certificate
5. how any new deficit recovery plan reconciles with, and can be a continuation of, any previous deficit recovery plan, allowing for fund experience.

These metrics may be assessed by GAD on a standardised market-related basis where the fund's actuarial bases don't offer straightforward comparisons.

Appendices

Appendix A – The regulatory framework

A1 Why do funds need a funding strategy statement?

The Local Government Pension Scheme (LGPS) regulations require funds to maintain and publish a funding strategy statement (FSS). According to the Department for Levelling Up, Housing and Communities (DLUHC) the purpose of the FSS is to document the processes the administering authority uses to:

- establish a **clear and transparent fund-specific strategy** identifying how employers' pension liabilities are best met going forward
- support the regulatory framework to maintain **as nearly constant employer contribution rates as possible**
- ensure the fund meets its **solvency and long-term cost efficiency** objectives
- take a **prudent longer-term view** of funding those liabilities.

To prepare this FSS, the administering authority has used guidance by the Chartered Institute of Public Finance and Accountancy (CIPFA).

A2 Consultation

Both the LGPS regulations and most recent CIPFA guidance state the FSS should be prepared in consultation with "persons the authority considers appropriate". This should include 'meaningful dialogue... with council tax raising authorities and representatives of other participating employers'.

The consultation process included issuing a draft version to participating employers and inviting comments.

A3 How is the FSS published?

The FSS is published on the fund's website at www.hillingdon.gov.uk/pension-fund-documents and copies are made available on request.

A4 How often is the FSS reviewed?

The FSS is reviewed in detail at least every three years as part of the valuation. Amendments may be made before then if there are regulatory or operational changes. Any amendments will be consulted on, agreed by the Pensions Committee and included in the Committee meeting minutes.

A5 How does the FSS fit into the overall fund documentation?

The FSS is a summary of the fund's approach to funding liabilities. It isn't exhaustive – the fund publishes other statements like the statement of investment principles, investment strategy statement, governance strategy and communications strategy. The fund's annual report and accounts also includes up-to-date fund information.

You can see all fund documentation at www.hillingdon.gov.uk/pension-fund-documents.

Appendix B – Roles and responsibilities

B1 The administering authority:

- 1 operates the fund and follows all Local Government Pension Scheme (LGPS) regulations
- 2 manages any conflicts of interest from its dual role as administering authority and a fund employer
- 3 collects employer and employee contributions, investment income and other amounts due
- 4 ensures cash is available to meet benefit payments when due
- 5 pays all benefits and entitlements
- 6 invests surplus money like contributions and income which isn't needed to pay immediate benefits, in line with regulation and the investment strategy
- 7 communicates with employers so they understand their obligations
- 8 safeguards the fund against employer default
- 9 works with the fund actuary to manage the valuation process
- 10 provides information to the Government Actuary's Department so they can carry out their statutory obligations
- 11 consults on, prepares and maintains the funding and investment strategy statements
- 12 tells the actuary about changes which could affect funding
- 13 monitors the fund's performance and funding, amending the strategy statements as necessary
- 14 enables the local pension board to review the valuation process.

B2 Individual employers:

- 1 deduct the correct contributions from employees' pay
- 2 pay all contributions by the due date
- 3 have appropriate policies in place to work within the regulatory framework
- 4 make additional contributions as agreed, for example to augment scheme benefits or early retirement strain
- 5 tell the administering authority promptly about any changes to circumstances, prospects or membership which could affect future funding.
- 6 make any required exit payments when leaving the fund.

B3 The fund actuary:

- 1 prepares valuations, including setting employers' contribution rates, agreeing assumptions, working within FSS and LGPS regulations and appropriately targeting fund solvency and long-term cost efficiency
- 2 provides information to the Government Actuary Department so they can carry out their statutory obligations
- 3 advises on fund employers, including giving advice about and monitoring bonds or other security
- 4 prepares advice and calculations around bulk transfers and individual benefits

- 5 assists the administering authority to consider changes to employer contributions between formal valuations
- 6 advises on terminating employers' participation in the fund
- 7 fully reflects actuarial professional guidance and requirements in all advice.

B4 Other parties:

- 1 internal and external investment advisers ensure the investment strategy statement (ISS) is consistent with the funding strategy statement
- 2 investment managers, custodians and bankers play their part in the effective investment and dis-investment of fund assets in line with the ISS
- 3 auditors comply with standards, ensure fund compliance with requirements, monitor and advise on fraud detection, and sign-off annual reports and financial statements
- 4 governance advisers may be asked to advise the administering authority on processes and working methods
- 5 internal and external legal advisers ensure the fund complies with all regulations and broader local government requirements, including the administering authority's own procedures
- 6 the Department for Levelling Up, Housing and Communities, assisted by the Government Actuary's Department and the Scheme Advisory Board, work with LGPS funds to meet Section 13 requirements.

Appendix C – Risks and controls

C1 Managing risks

The administering authority has a risk management programme to identify and control financial, demographic, regulatory and governance risks.

Details of the key fund-specific risks and controls are set out in the Fund's Risk Management Policy, which can be found on the fund's website at www.hillingdon.gov.uk/pension-fund-documents.

The local pension board assists the Fund in managing its risks and the full role of the local pension board is set out in the London Borough of Hillingdon constitution which can be found at www.hillingdon.gov.uk/article/2513/Council-constitution-and-delegations.

C2 Employer covenant assessment and monitoring

Many of the employers participating in the fund, such as admitted bodies (including TABs and CABs), have no local tax-raising powers. The fund assesses and monitors the long-term financial health of these employers to assess an appropriate level of risk for each employer's funding strategy.

C3 Climate risk and TCFD reporting

The fund has considered climate-related risks when setting the funding strategy. To consider the resilience of the strategy the fund has included climate scenario stress testing in the contribution modelling exercise at the 2022 valuation. The modelling results under the stress tests were slightly worse than the core results but were still within risk tolerance levels, particularly given the severity of the stresses applied. The results provide assurance that the modelling approach does not significantly underestimate the potential impact of climate change and that the funding strategy is resilient to climate risks. The results of these stress tests may be used in future to assist with disclosures prepared in line with Task Force on Climate-Related Financial Disclosures (TCFD) principles.

Appendix D – Actuarial assumptions

The fund's actuary uses a set of assumptions to determine the strategy, and so assumptions are a fundamental part of the funding strategy statement.

D1 What are assumptions?

Assumptions are used to estimate the benefits due to be paid to members. Financial assumptions determine the amount of benefit to be paid to each member, and the expected investment return on the assets held to meet those benefits. Demographic assumptions are used to work out when benefit payments are made and for how long.

The funding target is the money the fund aims to hold to meet the benefits earned to date.

Any change in the assumptions will affect the funding target and contribution rate, but different assumptions don't affect the actual benefits the fund will pay in future.

D2 What assumptions are used to set the contribution rate?

The fund doesn't rely on a single set of assumptions when setting contribution rates, instead using Hymans Robertson's Economic Scenario Service (ESS) to project each employer's assets, benefits and cashflows to the end of the funding time horizon.

ESS projects future benefit payments, contributions and investment returns under 5,000 possible economic scenarios, using variables for future inflation and investment returns for each asset class, rather than a single fixed value.

For any projection, the fund actuary can assess if the funding target is satisfied at the end of the time horizon.

Table: Summary of assumptions underlying the ESS, 31 March 2022

		Annualised total returns											Inflation (CPI)
		Cash	Index Linked Gilts (medium)	Developed World ex UK Equity	Private Equity	Property	Emerging Markets Equity	Diversified Growth Fund (low equity beta)	Multi Asset Credit	All World Equity GBP Hedged	All World ex UK Equity in GBP Unhedged	Direct Lending (private debt) GBP Hedged	
5 year	16th %ile	0.7%	-2.2%	-3.2%	-5.0%	-2.5%	-5.9%	0.6%	0.3%	-2.8%	-2.9%	0.8%	2.3%
	50th %ile	1.5%	0.8%	5.3%	9.5%	4.0%	5.6%	2.9%	3.1%	5.7%	5.7%	5.8%	3.9%
	84th %ile	2.3%	4.0%	14.0%	24.1%	11.0%	17.9%	5.2%	5.7%	14.1%	14.1%	10.7%	5.5%
10 years	16th %ile	0.8%	-1.9%	-0.7%	-1.2%	-0.6%	-2.5%	1.4%	1.7%	-0.3%	-0.4%	2.7%	1.6%
	50th %ile	1.8%	0.2%	5.6%	9.4%	4.4%	5.8%	3.2%	3.5%	5.9%	5.8%	6.0%	3.3%
	84th %ile	2.9%	2.4%	11.7%	20.1%	9.5%	14.4%	5.1%	5.2%	11.9%	11.9%	9.2%	4.9%
20 years	16th %ile	1.0%	-1.5%	1.5%	2.4%	1.4%	0.1%	2.1%	2.8%	1.9%	1.8%	4.3%	1.2%
	50th %ile	2.4%	0.1%	6.1%	10.0%	5.0%	6.3%	3.8%	4.4%	6.4%	6.3%	6.8%	2.7%
	84th %ile	4.0%	1.9%	10.8%	17.6%	8.9%	12.8%	5.7%	6.0%	11.0%	11.1%	9.2%	4.3%

D3 What financial assumptions were used?

Future investment returns and discount rate

The fund uses a risk-based approach to generate assumptions about future investment returns over the funding time horizon, based on the investment strategy.

The discount rate is the annual rate of future investment return assumed to be earned on assets after the end of the funding time horizon. The discount rate assumption is set as a margin above the risk-free rate.

Assumptions for future investment returns depend on the funding objective.

	Employer type	Margin above risk-free rate
Ongoing basis	All employers except transferee admission bodies and closed community admission bodies	2.0%
Low-risk exit basis	Community admission bodies closed to new entrants	0%

Discount rate (for funding level calculation as at 31 March 2022 only)

For the purpose of calculating a funding level at the 2022 valuation, a discount rate of 4.1% applies. This is based on a prudent estimate of investment returns, specifically, that there is an 70% likelihood that the fund's assets will achieve future investment returns of at least 4.1% over the 20 years following the 2022 valuation date.

Pension increases and CARE revaluation

Deferment and payment increases to pensions and revaluation of CARE benefits are in line with the Consumer Price Index (CPI) and determined by the regulations. The CPI assumption is based on Hymans Robertson's ESS model. The median value of CPI inflation from the ESS was 2.7% pa on 31 March 2022.

Salary growth

The salary increase assumption at the latest valuation has been set to 0.5% above CPI pa plus a promotional salary scale.

D4 What demographic assumptions were used?

Demographic assumptions are best estimates of future experience. The fund uses advice from Club Vita to set demographic assumptions, as well as analysis and judgement based on the fund's experience.

Demographic assumptions vary by type of member, so each employer's own membership profile is reflected in their results.

Life expectancy

The longevity assumptions are a bespoke set of member level VitaCurves produced by detailed analysis and tailored to fit the fund's membership profile.

Allowance has been made for future improvements to mortality, in line with the 2021 version of the continuous mortality investigation (CMI) published by the actuarial profession. The starting point has been adjusted by +0.25% to reflect the difference between the population-wide data used in the CMI and LGPS membership. A long-term rate of mortality improvements of 1.5% pa applies.

The smoothing parameter used in the CMI model is 7.0. There is little evidence currently available on the long-term effect of Covid-19 on life expectancies. To avoid an undue impact from recently mortality experience on long-term assumptions, no weighting has been placed on data from 2020 and 2021 in the CMI.

Other demographic assumptions

Retirement in normal health	Members are assumed to retire at the earliest age possible with no pension reduction.
Promotional salary increases	Sample increases below

Death in service	Sample rates below
Withdrawals	Sample rates below
Retirement in ill health	Sample rates below
Family details	Varying proportion of members 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. Beyond retirement the proportion is adjusted for assumed dependant mortality. Males assumed to be 3 years older than females, partner dependants assumed to be opposite sex to members.
Commutation	55% of maximum tax-free cash
50:50 option	0.6% of members will choose the 50:50 option.

Males

Incidence per 1000 active members per year									
Age	Salary scale	Death before retirement	Withdrawals		Ill-health tier 1		Ill-health tier 2		
			FT &PT	FT	PT	FT	PT	FT	PT
20	105	0.17	606.46	1056.91	0.00	0.00	0	0	
25	117	0.17	400.59	698.13	0.00	0.00	0	0	
30	131	0.2	284.23	495.26	0.00	0.00	0	0	
35	144	0.24	222.07	386.91	0.10	0.07	0.02	0.01	
40	150	0.41	178.79	311.41	0.16	0.12	0.03	0.02	
45	157	0.68	167.94	292.45	0.35	0.27	0.07	0.05	
50	162	1.09	138.44	240.80	0.90	0.68	0.23	0.17	
55	162	1.7	109.02	189.72	3.54	2.65	0.51	0.38	
60	162	3.06	97.17	169.02	6.23	4.67	0.44	0.33	
65	162	5.10	0	0	11.83	8.87	0	0	

Females

Incidence per 1000 active members per year									
Age	Salary scale	Death before retirement	Withdrawals		Ill-health tier 1		Ill-health tier 2		
			FT &PT	FT	PT	FT	PT	FT	PT
20	105	0.1	528.64	560.85	0.00	0.00	0	0	
25	117	0.1	355.71	377.33	0.10	0.07	0.02	0.01	
30	131	0.14	298.17	316.25	0.13	0.10	0.03	0.02	
35	144	0.24	257.35	272.86	0.26	0.19	0.05	0.04	
40	150	0.38	214.19	227.01	0.39	0.29	0.08	0.06	
45	157	0.62	199.88	211.81	0.52	0.39	0.1	0.08	
50	162	0.9	168.51	178.38	0.97	0.73	0.24	0.18	
55	162	1.19	125.74	133.24	3.59	2.69	0.52	0.39	
60	162	1.52	101.33	107.24	5.71	4.28	0.54	0.4	
65	162	1.95	0	0	10.26	7.69	0	0	

D5 What assumptions apply in a cessation valuation following an employer's exit from the fund?

Low-risk exit basis

Where there is no guarantor, the low-risk exit basis will apply.

The financial and demographic assumptions underlying the low-risk exit basis are explained below:

1. The discount rate is set equal to the annualised yield on long dated government bonds at the cessation date, with a 0% margin. This was 1.7% pa on 31 March 2022.
2. The CPI assumption is based on Hymans Robertson's ESS model. The median value of CPI inflation from the ESS was 2.7% pa on 31 March 2022.
3. Life expectancy assumptions are the same as the ongoing basis.

Appendix E – Contribution review policy

Aims and objectives

The Fund's aims and objectives related to this policy are as follows:

- To provide employers with clarity around the circumstances where contribution rates may be reviewed between valuations.
- To outline specific circumstances where contribution rates will not be reviewed.

Background

The Fund may amend contribution rates between valuations for a 'significant change' to the liabilities or covenant of an employer.

Such reviews may be instigated by the fund or at the request of a participating employer.

Any review may lead to a change in the required contributions from the employer.

Guidance and regulatory framework

[Regulation 64](#) of the Local Government Pension Scheme Regulations 2013 (as amended) sets out the way in which LGPS funds should determine employer contributions, including the following:

- Regulation 64 (4) – allows the Fund to review the contribution rate if it becomes likely that an employer will cease participation in the Fund, with a view to ensuring that the employer is fully funded at the expected exit date.
- Regulation 64A - sets out specific circumstances where the Fund may revise contributions between valuations (including where a review is requested by one or more employers).

This policy also reflects [statutory guidance](#) from the Department for Levelling Up, Housing and Communities on preparing and maintaining policies relating to the review of employer contributions. Interested parties may want to refer to an accompanying [guide](#) that has been produced by the Scheme Advisory Board.

Statement of principles

This statement of principles covers review of contributions between valuations. Each case will be treated on its own merits, but in general:

- The Fund reserves the right to review contributions in line with the provisions set out in the LGPS Regulations.
- The decision to make a change to contribution rates rests with the Fund, subject to consultation with employers during the review period.
- Full justification for any change in contribution rates will be provided to affected employers.
- Advice will be taken from the Fund Actuary in respect of any review of contribution rates.
- Any revision to contribution rates will be reflected in the Rates & Adjustment certificate.

Circumstances for review

The Fund would consider one or more of the following circumstances as a potential trigger for review:

- in the opinion of the Fund there are circumstances which make it likely that an employer (including an admission body) will become an exiting employer sooner than anticipated at the last valuation;
- an employer is approaching exit from the Fund within the next two years and before completion of the next triennial valuation;
- there are changes to the benefit structure set out in the LGPS Regulations which have not been allowed for at the last valuation;
- it appears likely to the Fund that the amount of the liabilities arising or likely to arise for an employer or employers has changed significantly since the last valuation;
- it appears likely to the Fund that there has been a significant change in the ability of an employer or employers to meet their obligations (e.g. a material change in employer covenant, or provision of additional security);
- it appears to the Fund that the membership of the employer has changed materially such as bulk transfers, significant reductions to payroll or large-scale restructuring; or
- where an employer has failed to pay contributions or has not arranged appropriate security as required by the Fund.

Employer requests

The Fund will also consider a request from any employer to review contributions where the employer has undertaken to meet the costs of that review and sets out the reasoning for the review (which would be expected to fall into one of the above categories, such as a belief that their covenant has changed materially, or they are going through a significant restructuring impacting their membership).

The Fund will require additional information to support a contribution review made at the employer's request. The specific requirements will be confirmed following any request and this is likely to include the following:

- a copy of the latest accounts;
- details of any additional security being offered (which may include insurance certificates);
- budget forecasts; and/or
- information relating to sources of funding.

The costs incurred by the Fund in carrying out a contribution review (at the employer's request) will be met by the employer. These will be confirmed upfront to the employer prior to the review taking place.

Other employers

When undertaking any review of contributions, the Fund will also consider the impact of a change to contribution rates on other Fund employers. This will include the following factors:

- The existence of a guarantor.
- The amount of any other security held.

- The size of the employer's liabilities relative to the whole Fund.

The Fund will consult with other Fund employers as necessary.

Effect of market volatility

Except in circumstances such as an employer nearing cessation, the Fund will not consider market volatility or changes to asset values as a basis for a change in contributions outside a formal triennial valuation.

Documentation

Where revisions to contribution rates are necessary, the Fund will provide the employer with a note of the information used to determine these, including:

- Explanation of the key factors leading to the need for a review of the contribution rates, including, if appropriate, the updated funding position.
- A note of the new contribution rates and effective date of these.
- Date of next review.
- Details of any processes in place to monitor any change in the employer's circumstances (if appropriate), including information required by the Fund to carry out this monitoring.

The Rates & Adjustments certificate will be updated to reflect the revised contribution rates

Appendix F – Cessation policy

On cessation, the Administering Authority will instruct the Fund Actuary to carry out a cessation valuation to determine whether there is any surplus or deficit.

F1 – Where there is a surplus on exit

Exit Credits

Where there is a surplus, the administering authority will determine the amount of exit credit to be paid in accordance with the Regulations.

The administering authority's entitlement to determine whether exit credits are payable shall apply to all employers ceasing their participation in the fund after 14 May 2018. This provision therefore is retrospectively effective to the same extent as provisions of the [Local Government Pension Scheme \(Amendment\) Regulations 2020](#).

The administering authority may determine the amount of exit credit payable to be zero, however, in making a determination, the Administering Authority will take into account the following factors.

- a) the extent to which there is an excess of assets in the fund relating to the employer over and above the liabilities specified.
- b) the proportion of the excess of assets which has arisen because of the value of the employer's contributions.
- c) any representations to the Administering Authority made by the exiting employer, guarantor, ceding Scheme Employer (usually the Letting Authority) or by a body which owns, funds or controls the exiting employer; or in some cases, the Secretary of State.
- d) any other relevant factors

F2 – Where there is a deficit on exit

Where there is a deficit, payment of this amount in full would normally be sought from the exiting employer. The Fund's normal policy is that this cessation debt is paid in full as a single lump sum.

Deferred spreading arrangement (DSA)

However, the fund will consider written requests from exiting employers to spread an exit payment over an agreed period, in the exceptional circumstance where payment of the debt in a single immediate lump sum could be shown by the employer to be materially detrimental to the employer's financial situation.

In this exceptional case, the fund's policy is:

- The agreed spread period is no more than three years, but the fund could use its discretion to extend this period in extreme circumstances.
- The fund may consider factors such as the size of the exit payment and the financial covenant of the exiting employer in determining an appropriate spreading period.

- The exiting employer may be asked to provide the administering authority with relevant financial information such as a copy of its latest accounts, sources of funding, budget forecasts, credit rating (if any) etc. to help in this determination.
- Payments due under the DSA may be subject to an interest charge.
- The fund will only consider written requests within six months of the employer exiting the fund. The exiting employer would be required to provide the fund with detailed financial information to support its request.
- The Fund would take into account the amount of any security offered and seek actuarial, covenant and legal advice in all cases.
- The Fund proposes a legal document, setting out the terms of the exit payment agreement, would be prepared by the fund and signed by all relevant parties prior to the payment agreement commencing.
- The terms of the legal document should include reference to the spreading period, the annual payments due, interest rates applicable, other costs payable and the responsibilities of the exiting employer during the exit spreading period.
- Any breach of the agreed payment plan would require payment of the outstanding cessation amount immediately.

Deferred Debt Agreement (DDA)

The fund's preferred policy is for the spreading of payments, as detailed above, to be followed in the exceptional circumstances where an exiting employer is unable to pay the required cessation payment as a lump sum in full. However, in the event that spreading of payments will create a high risk of bankruptcy for the exiting employer, the fund may exercise its discretion to set up a deferred debt agreement as described in [Regulation 64 \(7A\)](#).

The employer must meet all requirements on Scheme employers and pay the secondary rate of contributions as determined by the Fund actuary until the termination of the DDA.

The Administering Authority may consider a DDA in the following circumstances:

- The employer requests the Fund consider a DDA.
- The employer is expected to have a deficit if a cessation valuation was carried out.
- The employer is expected to be a going concern.
- The covenant of the employer is considered sufficient by the administering authority.

The Administering Authority will normally require:

- A legal document to be prepared, setting out the terms of the DDA and signed by all relevant parties prior to the arrangement commencing. (including details of the time period of the DDA, the annual payments due, the frequency of review and the responsibilities of the employer during the period).
- Relevant financial information for the employer such as a copy of its latest accounts, sources of funding, budget forecasts, credit rating (if any) to support its covenant assessment.
- Security be put in place covering the employer's deficit on their cessation basis and the Fund will seek actuarial, covenant and legal advice in all cases.
- Regular monitoring of the contribution requirements and security requirements

- All costs of the arrangement are met by the employer, such as the cost of advice to the fund, ongoing monitoring of the arrangement and correspondence on any ongoing contribution and security requirements.

A DDA will normally terminate on the first date on which one of the following events occurs:

- The employer enrolls new active fund members.
- The period specified, or as varied, under the DDA elapses.
- The take-over, amalgamation, insolvency, winding up or liquidation of the employer.
- The administering authority serves a notice on the employer that the Administering Authority is reasonably satisfied that the employer's ability to meet the contributions payable under the DDA has weakened materially or is likely to weaken materially in the next 12 months.
- The Fund actuary assesses that the employer has paid sufficient secondary contributions to cover all (or almost all) of the exit payment due if the employer becomes an exiting employer on the calculation date (i.e. employer is now largely fully funded on their low risk basis).
- The Fund actuary assesses that the employer's value of liabilities has fallen below an agreed *de minimis* level and the employer becomes an exiting employer on the calculation date.
- The employer requests early termination of the agreement and settles the exit payment in full as calculated by the fund actuary on the calculation date (i.e. the employer pays their outstanding cessation debt on their cessation basis).

On the termination of a DDA, the employer will become an exiting employer and a cessation valuation will be completed in line with this policy.