

Staffordshire Pension Fund

Funding Strategy Statement

March 2020

Contents

DRAFT Funding Strategy Statement

PAGE

1	Introduction	1
2	Basic Funding issues	4
3	Calculating contributions for individual Employers	9
4	Funding strategy and links to investment strategy	24
5	Statutory reporting and comparison to other LGPS Funds	25

Appendices

Appendix A – Regulatory framework	27
Appendix B – Responsibilities of key parties	29
Appendix C – Key risks and controls	31
Appendix D – The calculation of Employer contributions	36
Appendix E – Actuarial assumptions	39
Appendix F – Bulk Transfer Policy	43
Appendix G – Glossary	49

1 Introduction

1.1 What is this document?

This is the Funding Strategy Statement (FSS) of the Staffordshire Pension Fund (“the Fund”), which is administered by Staffordshire County Council, (“the Administering Authority”).

It has been prepared by the Administering Authority (officers and the Pensions Committee) in collaboration with the Fund’s actuary, Hymans Robertson LLP, and after consultation with the Fund’s employers and investment adviser. It is effective from DATE SIGNED OFF.

1.2 What is the Staffordshire Pension Fund?

The Fund is part of the national Local Government Pension Scheme (LGPS). The LGPS was set up by the UK Government to provide retirement and death benefits for local government employees, and those employed in similar or related bodies, across the whole of the UK. The Administering Authority runs the Staffordshire Pension Fund, in effect the LGPS for the Staffordshire area, to make sure it:

- receives the proper amount of contributions from employees and employers, and any transfer payments;
- invests the contributions appropriately, with the aim that the Fund’s assets grow over time with investment income and capital growth; and
- uses the assets to pay Fund benefits to the members (as and when they retire, for the rest of their lives), and to their dependants (as and when members die), as defined in the LGPS Regulations. Assets are also used to pay transfer values and administration costs.

The roles and responsibilities of the key parties involved in the management of the Fund are summarised in [Appendix B](#).

1.3 Why does the Fund need a Funding Strategy Statement?

Employees’ benefits are guaranteed by the LGPS Regulations, and do not change with market values or employer contributions. Investment returns will help pay for some of the benefits, but probably not all, and certainly with no guarantee. Employees’ contributions are fixed in those Regulations also, at a level which covers only part of the cost of the benefits.

Therefore, employers need to pay the balance of the cost of delivering the benefits to members and their dependants.

The FSS focuses on how employer liabilities are measured, the pace at which these liabilities are funded, and how employers or pools of employers pay for their own liabilities. This statement sets out how the Administering Authority has balanced the conflicting aims of:

- affordability of employer contributions,
- transparency of processes,
- stability of employers’ contributions, and
- prudence in the funding basis.

There are also regulatory requirements for an FSS, as given in [Appendix A](#).

The FSS is a summary of the Fund’s approach to funding its liabilities, and this includes reference to the Fund’s other policies; it is not an exhaustive statement of policy on all issues. The FSS forms part of a framework which includes:

HYMANS ROBERTSON LLP

- the LGPS Regulations;
- the Rates and Adjustments Certificate (confirming employer contribution rates for the next three years) which can be found in an appendix to the formal valuation report;
- the Fund's policies on admissions, cessations and bulk transfers;
- actuarial factors for valuing individual transfers, early retirement costs and the costs of buying added service; and
- the Fund's Investment Strategy Statement (see [Section 4](#))

1.4 How does the Fund and this FSS affect me?

This depends who you are:

- a member of the Fund, i.e. a current or former employee, or a dependant: the Fund needs to be sure it is collecting and holding enough money so that your benefits are always paid in full;
- an employer in the Fund (or which is considering joining the Fund): you will want to know how your contributions are calculated from time to time, that these are fair by comparison to other employers in the Fund, in what circumstances you might need to pay more and what happens if you cease to be an employer in the Fund. Note that the FSS applies to all employers participating in the Fund;
- an Elected Member whose council participates in the Fund: you will want to be sure that the council balances the need to hold prudent reserves for members' retirement and death benefits, with the other competing demands for council money;
- a Council Tax payer: your council seeks to strike the balance above, and also to minimise cross-subsidies between different generations of taxpayers.

1.5 What does the FSS aim to do?

The FSS sets out the objectives of the Fund's funding strategy, such as:

- to ensure the long-term solvency of the Fund, using a prudent long term view. This will ensure that sufficient funds are available to meet all members'/dependants' benefits as they fall due for payment;
- to ensure that employer contribution rates are reasonably stable where appropriate;
- to minimise the long-term cash contributions which employers need to pay to the Fund, by recognising the link between assets and liabilities and adopting an investment strategy which balances risk and return (**NB** this will also minimise the costs to be borne by Council Tax payers);
- to reflect the different characteristics of different employers in determining contribution rates. This involves the Fund having a clear and transparent funding strategy to demonstrate how each employer can best meet its own liabilities over future years; and
- to use reasonable measures to reduce the risk to other employers and ultimately to the Council Tax payer from an employer defaulting on its pension obligations.

1.6 How do I find my way around this document?

In [Section 2](#) there is a brief introduction to some of the main principles behind funding, i.e. deciding how much an employer should contribute to the Fund from time to time.

In [Section 3](#) we outline how the Fund calculates the contributions payable by different employers in different situations.

In [Section 4](#) we show how the funding strategy is linked with the Fund's investment strategy.

In the [Appendices](#) we cover various issues in more detail if you are interested:

- A. the regulatory background, including how and when the FSS is reviewed,
- B. who is responsible for what,
- C. what issues the Fund needs to monitor, and how it manages its risks,
- D. some more details about the actuarial calculations required,
- E. the assumptions which the Fund actuary currently makes about the future,
- F. the Fund's bulk transfer policy
- G. a [glossary](#) explaining the technical terms occasionally used here.

If you have any other queries please contact Melanie Stokes, Head of Treasury & Pensions in the first instance at e-mail address melanie.stokes@staffordshire.gov.uk or on telephone number 01785 276330.

2 Basic Funding issues

(More detailed and extensive descriptions are given in [Appendix D](#)).

2.1 How does the actuary calculate the required contribution rate?

In essence this is a three-step process:

1. Calculate the funding target for that employer, i.e. the estimated amount of assets it should hold in order to be able to pay all its members' benefits. See [Appendix E](#) for more details of what assumptions we make to determine that funding target;
2. Determine the time horizon over which the employer should aim to achieve that funding target. See the table in [3.3](#) and [Note \(c\)](#) for more details;
3. Calculate the employer contribution rate such that it has at least a given likelihood of achieving that funding target over that time horizon, allowing for various possible economic outcomes over that time horizon. See [2.3](#) below, and the table in [3.3 Note \(e\)](#) for more details.

2.2 What is each employer's contribution rate?

This is described in more detail in [Appendix D](#). Employer contributions are normally made up of two elements:

- a) the estimated cost of benefits being built up each year, after deducting the members' own contributions and including an allowance for administration expenses. This is referred to as the "*Primary rate*", and is expressed as a percentage of members' pensionable pay; plus
- b) an adjustment for the difference between the Primary rate above, and the actual contribution the employer needs to pay, referred to as the "*Secondary rate*". In broad terms, payment of the Secondary rate is in respect of benefits already accrued at the valuation date. The Secondary rate may be expressed as a percentage of pay and/or a monetary amount in each year.

The rates for all employers are shown in the Fund's Rates and Adjustments Certificate, which forms part of the formal Actuarial Valuation Report. Employers' contributions are expressed as minima, with employers able to pay contributions at a higher rate. Account of any higher rate will be taken by the Fund actuary at subsequent valuations, i.e. will be reflected as a credit when next calculating the employer's contributions.

2.3 What different types of employer participate in the Fund?

Historically the LGPS was intended for local authority employees only. However over the years, with the diversification and changes to delivery of local services, many more types and numbers of employers now participate. There are currently more employers in the Fund than ever before, a significant part of this being due to new academies.

In essence, participation in the LGPS is open to public sector employers providing some form of service to the local community. Whilst the majority of members will be local authority employees (and ex-employees), the majority of participating employers are those providing services in place of (or alongside) local authority services: academy schools, contractors, housing associations, charities, etc.

The LGPS Regulations define various types of employer as follows:

Scheduled bodies - councils, and other specified employers such as academies and further education establishments. These must provide access to the LGPS in respect of their employees who are not eligible to join another public sector scheme (such as the Teachers Scheme). These employers are so-called because they are specified in a schedule to the LGPS Regulations.

It is now possible for Local Education Authority schools to convert to academy status, and for other forms of school (such as Free Schools) to be established under the academies legislation. All such **academies (or Multi Academy Trusts)**, as employers of non-teaching staff, become separate new employers in the Fund. As academies are defined in the LGPS Regulations as “Scheduled Bodies”, the Administering Authority has no discretion over whether to admit them to the Fund, and the academy has no discretion whether to continue to allow its non-teaching staff to join the Fund. There has also been guidance issued by the MHCLG regarding the terms of academies’ membership in LGPS Funds.

Designating employers - employers such as town and parish councils are able to participate in the LGPS via resolution (and the Fund cannot refuse them entry where the resolution is passed). These employers can designate which of their employees are eligible to join the scheme.

Other employers are able to participate in the Fund via an admission agreement, and are referred to as ‘admission bodies’. These employers are generally those with a “community of interest” with another scheme employer – **community admission bodies** (“CAB”) or those providing a service on behalf of a scheme employer – **transferee admission bodies** (“TAB”). CABs will include housing associations and charities, TABs will generally be contractors. The Fund is able to set its criteria for participation by these employers and can refuse entry if the requirements as set out in the Fund’s admissions policy are not met. (NB The terminology CAB and TAB has been dropped from recent LGPS Regulations, which instead combine both under the single term ‘admission bodies’; however, we have retained the old terminology here as we consider it to be helpful in setting funding strategies for these different employers.)

2.4 How does the calculated contribution rate vary for different employers?

All three steps above are considered when setting contributions (more details are given in [Section 3](#) and [Appendix D](#)).

1. The **funding target** is based on a set of assumptions about the future, (e.g. investment returns, inflation, pensioners’ life expectancies). If an employer is approaching the end of its participation in the Fund then its funding target may be set on a more prudent basis, so that its liabilities are less likely to be spread among other employers after its cessation;
2. The **time horizon** required is the period over which the funding target is achieved. A shorter period will lead to higher contributions, and vice versa (all other things being equal. Employers may be given a lower time horizon if they have a less permanent anticipated membership, or do not have tax-raising powers to increase contributions if investment returns under-perform; and
3. The **likelihood of achieving** the funding target over that time horizon will be dependent on the Fund’s view of the strength of employer covenant and its funding profile. Where an employer is considered to be weaker then the required likelihood will be set higher, which in turn will increase the required contributions (and vice versa).

For some employers it may be agreed to pool contributions, see [3.4](#).

Any costs of non ill-health early retirements must be paid by the employer, see [3.6](#).

Costs of ill-health early retirements are covered in [3.7](#) and [3.8](#).

2.5 How is a funding level calculated?

An employer's "funding level" is defined as the ratio of:

- the market value of the employer's share of assets (see [Appendix D](#), section [D5](#), for further details of how this is calculated), to
- the value placed by the actuary on the benefits built up to date for the employer's employees and ex-employees (the "liabilities"). The Fund actuary agrees with the Administering Authority the assumptions to be used in calculating this value.

If this is less than 100% then it means the employer has a shortfall, which is the employer's "deficit"; if it is more than 100% then the employer is said to be in "surplus". The amount of deficit or shortfall is the difference between the asset value and the liabilities value.

It is important to note that the funding level and deficit/surplus are only measurements at a particular point in time, on a particular set of assumptions about the future. Whilst we recognise that various parties will take an interest in these measures, for most employers the key issue is how likely it is that their contributions will be sufficient to pay for their members' benefits (when added to their existing asset share and anticipated investment returns).

In short, funding levels and deficits are short term, high level risk measures, whereas contribution-setting is a longer term issue.

2.6 How does the Fund recognise that contribution levels can affect council and employer service provision, and council tax?

The Administering Authority and the Fund actuary are acutely aware that, all other things being equal, a higher contribution required to be paid to the Fund will mean less cash available for the employer to spend on the provision of services. For instance:

- Higher Pension Fund contributions may result in reduced council spending, which in turn could affect the resources available for council services, and/or greater pressure on council tax levels;
- Contributions which Academies pay to the Fund will therefore not be available to pay for providing education; and
- Other employers will provide various services to the local community, perhaps through housing associations, charitable work, or contracting council services. If they are required to pay more in pension contributions to the LGPS then this may affect their ability to provide the local services at a reasonable cost.

Whilst all this is true, it should also be borne in mind that:

- The Fund provides invaluable financial security to local families, whether to those who formerly worked in the service of the local community who have now retired, or to their families after their death;
- The Fund must have the assets available to meet these retirement and death benefits, which in turn means that the various employers must each pay their own way. Lower contributions today will mean higher contributions tomorrow: deferring payments does not alter the employer's ultimate obligation to the Fund in respect of its current and former employees;
- Each employer will generally only pay for its own employees and ex-employees (and their dependants), not for those of other employers in the Fund;

- The Fund strives to maintain reasonably stable employer contribution rates where appropriate and possible. However, a recent shift in regulatory focus means that solvency within each generation is considered by the Government to be a higher priority than stability of contribution rates;
- The Fund wishes to avoid the situation where an employer falls so far behind in managing its funding shortfall that its deficit becomes unmanageable in practice: such a situation may lead to employer insolvency and the resulting deficit falling on the other Fund employers. In that situation, those employers' services would in turn suffer as a result;
- Council contributions to the Fund should be at a suitable level, to protect the interests of different generations of council tax payers. For instance, underpayment of contributions for some years will need to be balanced by overpayment in other years; the council will wish to minimise the extent to which council tax payers in one period are in effect benefitting at the expense of those paying in a different period.

Overall, therefore, there is clearly a balance to be struck between the Fund's need for maintaining prudent funding levels, and the employers' need to allocate their resources appropriately. The Fund achieves this through various techniques which affect contribution increases to various degrees (see [3.1](#)). In deciding which of these techniques to apply to any given employer, the Administering Authority takes a view on the financial standing of the employer, i.e. its ability to meet its funding commitments and the relevant time horizon.

The Administering Authority will consider a risk assessment of that employer using a knowledge base which is regularly monitored and kept up-to-date as appropriate. This database will include such information as the type of employer, its membership profile and funding position, any guarantors or security provision, material changes anticipated, etc.

For instance, where the Administering Authority has reasonable confidence that an employer will be able to meet its funding commitments, then the Fund will permit options such as stabilisation ([see 3.3 Note \(b\)](#)), a longer time horizon relative to other employers, and/or a lower likelihood of achieving their funding target. Such options will temporarily produce lower contribution levels than would otherwise have applied. This is permitted in the expectation that the employer will still be able to meet its obligations for many years to come.

On the other hand, where there is doubt that an employer will be able to meet its funding commitments or withstand a significant change in its commitments, then a higher funding target, and/or a shorter time horizon relative to other employers, and/or a higher likelihood of achieving the target may be required.

The Fund actively seeks employer input, including to its funding arrangements, through various means: see [Appendix A](#).

2.7 What approach has the Fund taken to dealing with uncertainty arising from the McCloud court case and its potential impact on the LGPS benefit structure?

The LGPS benefit structure from 1 April 2014 is currently under review following the Government's loss of the right to appeal the McCloud and other similar court cases. The courts have ruled that the 'transitional protections' awarded to some members of public service pension schemes when the schemes were reformed (on 1 April 2014 in the case of the LGPS) were unlawful on the grounds of age discrimination. At the time of writing, the Ministry of Housing, Communities and Local Government (MHCLG) has not provided any details of changes as a result of the case. However it is expected that benefits changes will be required and they will likely increase the value of liabilities. At present, the scale and nature of any increase in liabilities are unknown, which limits the ability of the Fund to make an accurate allowance.

The LGPS Scheme Advisory Board (SAB) issued advice to LGPS funds in May 2019. As there was no finalised outcome of the McCloud case by 31 August 2019, the Fund Actuary has acted in line with SAB's advice and valued all member benefits in line with the current LGPS Regulations.

The Fund, in line with the advice in the SAB's note, has considered how to allow for this risk in the setting of employer contribution rates. As the benefit structure changes that will arise from the McCloud judgement are uncertain, the Fund has elected to make an approximate allowance for the potential impact in the assessment of employer contribution rates at the 2019 valuation: this will be achieved by building in a slightly higher required likelihood of reaching funding target, all other things being equal.

The fund will reassess the employer contribution rates at the next formal valuation of the Fund. If the outcome of the McCloud case is then known, a more accurate allowance for the impact will be made at that time.

The Fund has also considered the McCloud judgement in its approach to cessation valuations. Please see note (j) to table 3.3 for further information.

2.8 When will the next actuarial valuation be?

On 8 May 2019 MHCLG issued a consultation seeking views on (among other things) proposals to amend the LGPS valuation cycle in England and Wales from a three year (triennial) valuation cycle to a four year (quadrennial) valuation cycle.

On 7 October 2019 MHCLG confirmed the next LGPS valuation cycle in England and Wales will be in 2022, regardless of the ongoing consultation. The Fund therefore instructed the Fund Actuary to certify contribution rates for employers for the period 1 April 2020 to 31 March 2023 as part of the 2019 valuation of the Fund.

3 Calculating contributions for individual Employers

3.1 General comments

A key challenge for the Administering Authority is to balance the need for stable, affordable employer contributions with the requirement to take a prudent, longer-term view of funding and ensure the solvency of the Fund. With this in mind, the Fund's three-step process identifies the key issues:

1. What is a suitably (but not overly) prudent funding target?
2. How long should the employer be permitted to reach that target? This should be realistic but not so long that the funding target is in danger of never actually being achieved.
3. What likelihood is required to reach that funding target? This will always be less than 100% as we cannot be certain of the future e.g. market movements. Higher likelihood "bars" can be used for employers where the Fund wishes to reduce the risk that the employer ceases leaving a deficit to be picked up by other employers.

These and associated issues are covered in this Section.

The Administering Authority recognises that there may occasionally be particular circumstances affecting individual employers that are not easily managed within the rules and policies set out in the Funding Strategy Statement. Therefore the Administering Authority reserves the right to direct the actuary to adopt alternative funding approaches on a case by case basis for specific employers.

3.2 The effect of paying lower contributions

In limited circumstances the Administering Authority may permit employers to pay contributions at a lower level than is assessed for the employer using the three step process above. At their absolute discretion the Administering Authority may:

- extend the time horizon for targeting full funding;
- adjust the required likelihood of meeting the funding target;
- permit an employer to participate in the Fund's stabilisation mechanisms;
- permit extended phasing in of contribution rises or reductions;
- pool contributions amongst employers with similar characteristics; and/or
- accept some form of security or guarantee in lieu of a higher contribution rate than would otherwise be the case.

Employers which are permitted to use one or more of the above methods will often be paying, for a time, contributions less than required to meet their funding target, over the appropriate time horizon with the required likelihood of success. Such employers should appreciate that:

- their true long term liability (i.e. the actual eventual cost of benefits payable to their employees and ex-employees) is not affected by the pace of paying contributions;
- lower contributions in the short term will result in a lower level of future investment returns on the employer's asset share. Thus, deferring a certain amount of contribution may lead to higher contributions in the long-term; and
- it may take longer to reach their funding target, all other things being equal.

HYMANS ROBERTSON LLP

Overleaf ([3.3](#)) is a summary of how the main funding policies differ for different types of employer, followed by more detailed notes where necessary.

[Section 3.4](#) onwards deals with various other funding issues which apply to all employers.

DRAFT

3.3 The different approaches used for different employers

Type of employer	Scheduled Bodies			Community Admission Bodies and Designating Employers		Transferee Admission Bodies
Sub-type	Councils, Police, Fire	Colleges & Universities	Academies	Open to new entrants	Closed to new entrants	(all)
Funding Target Basis used	Ongoing participation basis, assumes long-term Fund participation (see Appendix E)			Ongoing participation basis, but may move to “gilts exit basis” - see Note (a)		Ongoing participation basis, assumes fixed contract term in the Fund (see Appendix E)
Primary rate approach	(see Appendix D – D.2)					
Stabilised contribution rate?	Yes - see Note (b)	No	Yes - see Note (b)	No	No	No
Maximum time horizon – Note (c)	20 years	[15] years	15 years	15 years	15 years or average future working lifetime if less	As per the Letting Employer
Secondary rate – Note (d)	Monetary amount	Monetary amount	% of payroll	Monetary amount	Monetary amount	% of payroll
Treatment of surplus	Covered by stabilisation arrangement	Contributions kept at Primary rate	Covered by stabilisation arrangement	Preferred approach: contributions kept at Primary rate. Reductions may be permitted by the Admin. Authority		Preferred approach: contributions kept at lower of Primary rate and current contribution rate in payment.
Likelihood of achieving target – Note (e)	68% (see Appendix D – D.2)	75%	68%	68% for Town & Parish Councils, else 72%	77%	As per the Letting Employer
Phasing of contribution changes	Covered by stabilisation arrangement	By Administering Authority agreement	Covered by stabilisation arrangement	By Administering Authority agreement	By Administering Authority agreement	None
Review of rates – Note (f)	Administering Authority reserves the right to review contribution rates and amounts, and the level of security provided, at regular intervals between valuations					Particularly reviewed in last 3 years of contract
New employer	n/a	n/a	Note (g)	Note (h)		Notes (h) & (i)

Type of employer	Scheduled Bodies	Community Admission Bodies and Designating Employers	Transferee Admission Bodies
Cessation of participation: exit debt/credit payable	Cessation is assumed not to be generally possible, as Scheduled Bodies are legally obliged to participate in the LGPS. In the rare event of cessation occurring (machinery of Government changes for example), the cessation calculation principles applied would be as per Note (j) .	Can be ceased subject to terms of admission agreement. Exit debt/credit will be calculated on a basis appropriate to the circumstances of cessation – see Note (j) .	Participation is assumed to expire at the end of the contract. Cessation debt/credit calculated on the ongoing participation basis, unless admission agreement terminated early by contractor in which case gilts exit basis would apply. Letting employer will be liable for future deficits and contributions arising. See Note (j) for further details.

Note (a) (Gilts exit basis for Community Admission Bodies and Designating Employers closed to new entrants)

In the circumstances where:

- the employer is a Designating Employer, or an Admission Body but not a Transferee Admission Body, and
- the employer has no guarantor, and
- the admission agreement is likely to terminate, or the employer is likely to lose its last active member, within a timeframe considered appropriate by the Administering Authority to prompt a change in funding,

the Administering Authority may set a higher funding target (e.g. based on the return from long-term gilt yields) by the time the agreement terminates or the last active member leaves, in order to protect other employers in the Fund. This policy will increase regular contributions and reduce, but not entirely eliminate, the possibility of a final deficit payment being required from or a surplus payment being made to the employer when a cessation valuation is carried out.

The Administering Authority also reserves the right to adopt the above approach in respect of those Designating Employers and Admission Bodies with no guarantor, where the strength of covenant is considered to be weak but there is no immediate expectation that the admission agreement will cease or the Designating Employer alters its designation.

Note (b) (Stabilisation)

Stabilisation is a mechanism where employer contribution rate variations from year to year are kept within a pre-determined range, thus allowing those employers' rates to be relatively stable. In the interests of stability and affordability of employer contributions, the Administering Authority, on the advice of the Fund Actuary, believes that stabilising contributions can still be viewed as a prudent longer-term approach. However, employers whose contribution rates have been "stabilised" (and may therefore be paying less than their theoretical contribution rate) should be aware of the risks of this approach and should consider making additional payments to the Fund if possible.

This stabilisation mechanism allows short term investment market volatility to be managed so as not to cause volatility in employer contribution rates, on the basis that a long term view can be taken on net cash inflow, investment returns and strength of employer covenant.

The current stabilisation mechanism applies if:

- the employer satisfies the eligibility criteria set by the Administering Authority (see below) and;
- there are no material events which cause the employer to become ineligible, e.g. significant reductions in active membership (due to outsourcing or redundancies), or changes in the nature of the employer (perhaps due to Government restructuring), or changes in the security of the employer.

On the basis of extensive modelling carried out for the 2019 valuation exercise (see [Section 4](#)), the stabilised details are as follows:

Type of employer	Council, police & fire authority*	Academy **	Other employers at the Fund's discretion ***
Contributions for 2019/20	As per 2016 valuation Rates and Adjustments certificate	24.2%	As per 2016 valuation Rates and Adjustments certificate
Max annual contribtuion increase thereafter	+1.0% or +2.0% of pay	+1.0% of pay	Case-by-case
Max cont decrease	-1.0% or -2.0% of pay	-1.0% of pay	Case-by-case

*The actuary has discussed the risks with the individual employers concerned. Ordinarily, more mature employers will be recommended to have 2% steps instead of 1%. The relevant % of pay is calculated by reference to 2010 pay levels projected in line with actuarial assumptions, rather than actual current pay levels, in order to maintain Secondary contribution rates even if payrolls fall in real terms.

**The Academy stabilised rate is a single rate applicable for all academies in the Fund who have opted for a stabilisation approach as an alternative to their individual calculated rate (most of the Fund's academies have chosen this approach). The stabilised rate will normally be close to (but not exactly equal to) the rates applicable to the ceding Local Authorities. Academies that are stabilised have the option of paying more than the stabilised contribution rate (for example, their individually calculated rate, if this is higher) but cannot pay less than the stabilised contribution rate. Academies that have opted not to participate in the stabilisation approach will be certified an individually calculated contribution rate subject to re-calculation at each formal valuation.

***The Fund will only offer some form of stabilisation in special circumstances and further to likelihood-based modelling carried out by the actuary. This would require suitably assessed strength of covenant (possibly including the provision of some form of security by the employer), the employer remaining open to new entrants, and the employer appreciating the risks involved in this option.

The stabilisation criteria and limits will be reviewed at the next formal valuation. However the Administering Authority reserves the right to review the stabilisation criteria and limits at any time before then, on the basis of membership and/or employer changes as described above.

Note (c) (Maximum time horizon)

The maximum time horizon starts at the commencement of the revised contribution rate (1 April 2020 for the 2019 valuation). The Administering Authority would normally expect the same period to be used at successive triennial valuations, but would reserve the right to propose alternative time horizons, for example where there were no new entrants.

For employers with no (or very few) active members at this valuation, the deficit should be recovered by a fixed monetary amount over a period to be agreed with the body or its successor, not normally to exceed 10 years.

Note (d) (Secondary rate)

The Secondary contribution rate for each employer, covering the period until the next formal valuation, will ideally be set as a monetary amount; however for less mature employers, open to new entrants, this may instead be set as a percentage of salaries. The Administering Authority reserves the right to amend these latter rates between formal valuations and/or to require these payments to be in monetary terms instead, for instance where:

- the employer becomes materially more mature, i.e. has a large Secondary contribution rate (e.g. above 15% of payroll), or
- there has been a significant reduction in payroll due to outsourcing or redundancy exercises, or
- the employer has closed the Fund to new entrants.

In the case of Council-run schools, the contribution may be expressed in percentage of pay terms for ease of administration.

Note (e) (Likelihood of achieving funding target)

Each employer has its funding target calculated, and a relevant time horizon over which to reach that target. Contributions are set such that, combined with the employer's current asset share and anticipated market movements over the time horizon, the funding target is achieved with a given minimum likelihood. A higher required likelihood bar will give rise to higher required contributions, and vice versa.

The way in which contributions are set using these three steps, and relevant economic projections, is described in further detail in [Appendix D](#).

Different likelihoods are set for different employers depending on their nature and circumstances: in broad terms, a higher likelihood will apply due to one or more of the following:

- the Fund believes the employer poses a greater funding risk than other employers,
- the employer does not have tax-raising powers;
- the employer does not have a guarantor or other sufficient security backing its funding position; and/or
- the employer is likely to cease participation in the Fund in the short or medium term.

Note (f) (Regular Reviews)

Such reviews may be triggered by significant events including but not limited to: significant reductions in payroll, altered employer circumstances, Government restructuring affecting the employer's business, or failure to pay contributions or arrange appropriate security as required by the Administering Authority.

The result of a review may be to require increased contributions (by strengthening the actuarial assumptions adopted and/or moving to monetary levels of deficit recovery contributions), and/or an increased level of security or guarantee.

Note (g) (New Academy conversions)

At the time of writing, the Fund's policies on academies' funding issues are as follows:

- i. The new academy will be regarded as a separate employer in its own right and will not be pooled with other employers in the Fund. The only exception is where the academy is part of a Multi Academy Trust (MAT) in which case the academy's figures will be calculated as below but can be combined with, for the purposes of setting contribution rates, those of the other academies in the MAT;
- ii. The new academy's past service liabilities on conversion will be calculated based on its active Fund members on the day before conversion. For the avoidance of doubt, these liabilities will include all past service of those members, but will exclude the liabilities relating to any ex-employees of the school who have deferred or pensioner status;
- iii. The new academy will be allocated an initial asset share from the ceding council's assets in the Fund. This asset share will be calculated using the estimated funding position of the ceding council at the date of academy conversion. The share will be based on the active members' funding level, having first allocated assets in the council's share to fully fund deferred and pensioner members. The assets allocated to the academy will be limited if necessary so that its initial funding level is subject to a maximum of 100%. The asset allocation will be based on market conditions and the academy's active Fund membership on the day prior to conversion;
- iv. The new academy's calculated contribution rate will be based on the time horizon and likelihood of achieving the target outlined for Academies in the table in Section [3.3](#) above.
- v. As an alternative to (iv), the academy will have the option to elect to pay a stabilised rate of contribution as described in [Note \(b\)](#). However, this election will not alter its asset or liability allocation as per (ii) and (iii) above. Ultimately, all academies remain responsible for their own allocated assets and liabilities.
- vi. It is possible for an academy to leave one MAT and join another. If this occurs, all active, deferred and pensioner members of the academy transfer to the new MAT.

The Fund's policies on academies are subject to change in the light of any amendments to MHCLG and/or DfE guidance (or removal of the formal guarantee currently provided to academies by the DfE). Any changes will be notified to academies, and will be reflected in a subsequent version of this FSS. In particular, policies (iv) and (v) above will be reconsidered at each valuation.

Note (h) (New Admission Bodies)

With effect from 1 October 2012, the LGPS 2012 Miscellaneous Regulations introduced mandatory new requirements for all Admission Bodies brought into the Fund from that date. Under these Regulations, all new Admission Bodies will be required to provide some form of security, such as a guarantee from the letting employer, an indemnity or a bond. The security is required to cover some or all of the following:

- the strain cost of any redundancy early retirements resulting from the premature termination of the contract;
- allowance for the risk of asset underperformance;
- allowance for the risk of a greater than expected rise in liabilities;
- allowance for the possible non-payment of employer and member contributions to the Fund; and/or
- the current deficit.

HYMANS ROBERTSON LLP

Transferee Admission Bodies: For all TABs, the security must be to the satisfaction of the Administering Authority as well as the letting employer, and will be reassessed on an annual basis. See also [Note \(i\)](#) below.

Community Admission Bodies: The Administering Authority will only consider requests from CABs (or other similar bodies, such as section 75 NHS partnerships) to join the Fund if they are sponsored by a Scheduled Body with tax raising powers, guaranteeing their liabilities and also providing a form of security as above.

These approaches reduce the risk, to other employers in the Fund, of potentially having to pick up any shortfall in respect of Admission Bodies ceasing with an unpaid deficit.

Note (i) (New Transferee Admission Bodies)

A new TAB usually joins the Fund as a result of the letting/outsourcing of some services from an existing employer (normally a Scheduled Body such as a council or academy) to another organisation (a “contractor”). This involves the TUPE transfer of some staff from the letting employer to the contractor. Consequently, for the duration of the contract, the contractor is a new participating employer in the Fund so that the transferring employees maintain their eligibility for LGPS membership. At the end of the contract the employees revert to the letting employer or to a replacement contractor.

Ordinarily, the TAB would be set up in the Fund as a new employer with responsibility for all the accrued benefits of the transferring employees; in this case, the contractor would usually be assigned an initial asset allocation equal to the past service liability value of the employees’ Fund benefits. The quid pro quo is that the contractor is then expected to ensure that its share of the Fund is also fully funded at the end of the contract: see [Note \(j\)](#).

Risk sharing

Employers which “outsource” have flexibility in the way that they can deal with the pension risk potentially taken on by the contractor. In particular there are three different routes that such employers may wish to adopt. Clearly as the risk ultimately resides with the employer letting the contract, it is for them to agree the appropriate route with the contractor:

i) Pooling

Under this option the contractor is pooled with the letting employer. In this case, the contractor pays the same contribution rate as the letting employer, which may be under a stabilisation approach. On cessation the employer may not pay any deficit or receive a refund of surplus (subject to the terms of the employer’s Admission Agreement).

ii) Letting employer retains pre-contract risks

Under this option the letting employer would retain responsibility for assets and liabilities in respect of service accrued prior to the contract commencement date. The contractor would be responsible for the future liabilities that accrue in respect of transferred staff. The contractor’s contribution rate could vary from one valuation to the next. It would be liable for any deficit (or entitled to any surplus) at the end of the contract term in respect of assets and liabilities attributable to service accrued during the contract term.

iii) Fixed contribution rate agreed (“pass-through”)

Under this option the contractor pays a fixed contribution rate throughout its participation in the Fund and on cessation does not pay any deficit or receive an exit credit. In other words, the pension risks “pass through” to the letting employer. The certified employer contribution rate will be set equal to the fixed contribution rate agreed between the letting employer and the contractor. The fixed rate that will be paid is at the discretion of the letting employer and contractor subject to a minimum rate equal to the letting employer’s primary rate (at the time of the contract award).

The Administering Authority is willing to administer any of the above options as long as the approach is documented in the Admission Agreement as well as the transfer agreement. Alternatively, letting employers and Transferee Admission Bodies may operate any of the above options by entering into a separate side agreement. The Administering Authority would normally be a party to this side agreement, but either way may treat the Admission Agreement as if it incorporates the side agreement terms where this is agreed by all parties and appropriate.

Any risk sharing arrangement should ensure that some element of risk transfers to the contractor where it relates to their decisions and it is unfair to burden the letting employer with that risk. For example the contractor should typically be responsible for pension costs that arise from:

- above average pay increases, including the effect in respect of service prior to contract commencement even if the letting employer takes on responsibility for the latter under (ii) above; and
- redundancy and early retirement decisions.

As a result, the letting employer will bear the main risk of pension costs being different as a result of changes in longevity, investments, inflation etc. All pension risks therefore reside with the letting employer with the exception of those set out in the above two bullet points.

Approach for small new Transferee Admission Bodies

Where a new Transferee Admission Body has 10 members or fewer, and a contract period of 5 years or less, the Administering Authority’s default approach is for the employer to participate with a fixed contribution rate. The contribution rate will be assessed using the criteria set out in Table 3.3. On cessation the employer will not pay any deficit or receive a refund of surplus and as such the pension risk will “pass through” to the letting employer. This approach will be documented in the Admission Agreement.

The Administering Authority will apply or permit a fixed contribution rate (“pass through”) agreement for Transferee Admission Bodies that have greater than 10 members or a contract period of more than 5 years at its sole discretion.

Should a letting employer wish to operate a different approach (e.g. a “stand-alone” basis with no risk sharing) the Administering Authority will permit this at its sole discretion.

Note (j) (Admission Bodies Ceasing)

Notwithstanding the provisions of the Admission Agreement, the Administering Authority may consider any of the following as triggers for the cessation of an admission agreement with any type of body:

- Last active member ceasing participation in the Fund (NB recent LGPS Regulation changes mean that the Administering Authority has the discretion to defer taking action for up to three years, so that if the employer acquires one or more active Fund members during that period then cessation is not triggered. The current Fund policy is that this is left as a discretion and may or may not be applied in any given case;
- The insolvency, winding up or liquidation of the Admission Body;

HYMANS ROBERTSON LLP

- Any breach by the Admission Body of any of its obligations under the Agreement that they have failed to remedy to the satisfaction of the Fund;
- A failure by the Admission Body to pay any sums due to the Fund within the period required by the Fund; or
- The failure by the Admission Body to renew or adjust the level of the bond or indemnity, or to confirm an appropriate alternative guarantor, as required by the Fund.

On cessation, the Administering Authority will instruct the Fund actuary to carry out a cessation valuation (as per the table in 3.3 above) to determine whether there is any deficit or surplus. Where there is a deficit, payment of this amount in full would normally be sought from the Admission Body; where there is a surplus, following the LGPS (Amendment) Regulations 2018 which came into effect on 14 May 2018, this will normally result in an exit credit payment to the Admission Body (unless a risk-sharing arrangement has been put in place – see [note \(i\)](#) above). If a risk-sharing agreement has been put in place (please see [note \(i\)](#) above) no cessation debt or exit credit may be payable, depending on the terms of the agreement. Exit credits will only be payable in line with the 2018 regulations as amended from time to time (NB amendments may apply retrospectively).

As discussed in Section 2.7, the LGPS benefit structure from 1 April 2014 is currently under review following the Government's loss of the right to appeal the McCloud and other similar court cases. The Fund has considered how it will reflect the current uncertainty regarding the outcome of this judgement in its approach to cessation valuations. For cessation valuations that are carried out before any changes to the LGPS benefit structure (from 1 April 2014) are confirmed, the Fund's policy is that the actuary will apply a 0.6% loading to the ceasing employer's active and deferred member liabilities, as an estimate of the possible impact of resulting benefit changes.

For non-Transferee Admission Bodies whose participation is voluntarily ended either by themselves or the Fund, or where a cessation event has been triggered, the Administering Authority must look to protect the interests of other ongoing employers. The actuary will therefore adopt an approach which, to the extent reasonably practicable, protects the other employers from the likelihood of any material loss emerging in future:

- (a) Where a guarantor does not exist then, in order to protect other employers in the Fund, the cessation liabilities and final deficit/surplus will normally be calculated using a "gilt exit basis", which is more prudent than the ongoing participation basis. This has no allowance for potential future investment outperformance above gilt yields, and has added allowance for future improvements in life expectancy. This could give rise to significant cessation debts being required.
- (b) Where there is a guarantor for future deficits and contributions, the details of the guarantee will be considered prior to the cessation valuation being carried out. In some cases the guarantor is simply guarantor of last resort and therefore the cessation valuation will be carried out consistently with the approach taken had there been no guarantor in place. Alternatively, where the guarantor is not simply guarantor of last resort, the cessation may be calculated using the ongoing participation basis as described in [Appendix E](#);
- (c) Again, depending on the nature of the guarantee, it may be possible to simply transfer the former Admission Body's liabilities and assets to the guarantor, without needing to crystallise any deficit or surplus. This approach may be adopted where the employer cannot pay the contributions due, and this is within the terms of the guarantee.

Under (a) and (b), the calculation may include the cost of obtaining the cessation valuation from the actuary. If there is a cessation debt (rather than exit credit), this would usually be levied on the departing Admission Body as a single lump sum payment. If this is not possible then the Fund may spread the payment subject to there being some security in place for the employer such as a bond indemnity or guarantee.

In the event that the Fund is not able to recover the required cessation debt payment in full, then the unpaid amounts fall to be shared amongst all of the other employers in the Fund. This may require an immediate revision to the Rates and Adjustments Certificate affecting other employers in the Fund, or instead be reflected in the contribution rates set at the next formal valuation following the cessation date.

As an alternative, where the ceasing Admission Body is continuing in business, the Fund at its absolute discretion reserves the right to enter into an agreement with the ceasing Admission Body. Under this agreement the Fund would accept an appropriate alternative security to be held against any deficit on the gilts exit basis, and would carry out the cessation valuation on the ongoing participation basis: Secondary contributions would be derived from this cessation debt. This approach would be monitored as part of each formal valuation and secondary contributions would be reassessed as required. The Admission Body may terminate the agreement only via payment of the outstanding debt assessed on the gilts exit basis. Furthermore, the Fund reserves the right to revert to the "gilts exit basis" and seek immediate payment of any funding shortfall identified. The Administering Authority may need to seek legal advice in such cases, as the Admission Body would have no contributing members.

3.4 Pooled contributions

From time to time, with the advice of the Actuary, the Administering Authority may set up pools for employers with similar or complementary characteristics. This will always be in line with its broader funding strategy. The current pools in place within the Fund are as follows:

- Minor Employers Pool, consisting largely of Town and Parish Councils, as a way of sharing experience and smoothing out the effects of costly but relatively rare events such as ill-health retirements or deaths in service.
- Schools (other than academies) are generally pooled with their funding Council. However there may be exceptions for specialist or independent schools.
- Smaller Transferee Admission Bodies may be pooled with the letting employer, provided all parties (particularly the letting employer) agree – this is particularly the case for contractors with 10 or fewer employees (see Note (i) above).

The intention of the Minor Employers pool is to minimise contribution rate volatility which would otherwise occur when members join, leave, take early retirement, receive pay rises markedly different from expectations, etc. Such events can cause large changes in contribution rates for very small employers in particular, unless these are smoothed out for instance by pooling across a number of employers.

On the other hand it should be noted that the employers in the pool will still have their own individual funding positions tracked by the Actuary, so that some employers will be much better funded, and others much more poorly funded, than the pool average. This therefore means that if any given employer was funding on a stand-alone basis, as opposed to being in the pool, then its contribution rate could be much higher or lower than the pool contribution rate.

It should also be noted that, if an employer is considering ceasing from the Fund, its required contributions would be based on its own funding position (rather than the pool average), and the cessation terms would also apply: this would mean potentially very different (and in particular possibly much higher) contributions would be required from the employer in that situation.

Those employers which have been pooled are identified in the Rates and Adjustments Certificate.

Employers who are permitted to enter (or remain in) a pool at the 2019 valuation will not normally be advised of their individual contribution rate unless agreed by the Administering Authority.

Community Admission Bodies that are deemed by the Administering Authority to have closed to new entrants are not usually permitted to participate in a pool.

3.5 Additional flexibility in return for added security

The Administering Authority may permit greater flexibility to the employer's contributions if the employer provides added security to the satisfaction of the Administering Authority.

Such flexibility includes a reduced rate of contribution, an extended time horizon, or permission to join a pool with another body (e.g. the Local Authority).

Such security may include, but is not limited to, a suitable bond, a legally-binding guarantee from an appropriate third party, or security over an employer asset of sufficient value.

The degree of flexibility given may take into account factors such as:

- the extent of the employer's deficit;
- the amount and quality of the security offered;
- the employer's financial security and business plan; and
- whether the admission agreement is likely to be open or closed to new entrants.

3.6 Non ill health early retirement costs

It is assumed that members' benefits are payable from the earliest age that the employee could retire without incurring a reduction to their benefit (and without requiring their employer's consent to retire). (**NB** the relevant age may be different for different periods of service, following the benefit changes from April 2008 and April 2014). Employers are required to pay additional contributions ('strain') wherever an employee retires before attaining this age. The actuary's funding basis makes no allowance for premature retirement except on grounds of ill-health.

With the agreement of the Administering Authority the payment can be spread as follows:

Councils, Police & Fire Authorities	- up to 5 years
Academies	- up to 3 years
Colleges & Universities	- payable immediately
Community Admission Bodies and Designating Employers	- payable immediately
Transferee Admission Bodies	- payable immediately.

3.7 Ill health early retirement costs

In the event of a member's early retirement on the grounds of ill-health, a funding strain will usually arise, which can be very large. Such strains are currently met by internal insurance (see [3.8](#) below).

3.8 Internal ill health insurance

The Fund currently operates a form of internal insurance whereby any ill-health early retirement strain costs are in effect spread among all employers. This avoids adversely high ill-health added costs falling on any one employer.

As and when ill-health retirements occur, the strain cost is not levied on that particular employer's asset share; instead, the cost is met by all employers via a reduction to their asset share, weighted by their total active and deferred membership numbers.

3.9 Employers with no remaining active members

In general an employer ceasing in the Fund, due to the departure of the last active member, will pay a cessation debt or receive an exit credit on an appropriate basis (see [3.3](#), [Note \(j\)](#)) and consequently have no further obligation to the Fund. Thereafter it is expected that one of two situations will eventually arise:

- a) The employer's asset share runs out before all its ex-employees' benefits have been paid. In this situation the other Fund employers will be required to contribute to pay all remaining benefits: this will be done by the Fund actuary apportioning the remaining liabilities on a pro-rata basis at successive formal valuations;
- b) The last ex-employee or dependant dies before the employer's asset share has been fully utilised. In this situation the remaining assets would be apportioned pro-rata by the Fund's actuary to the other Fund employers.

In exceptional circumstances the Fund may permit an employer with no remaining active members and a cessation deficit to continue contributing to the Fund. This would require the provision of a suitable security or guarantee, as well as a written ongoing commitment to fund the remainder of the employer's obligations over an appropriate period. The Fund would reserve the right to invoke the cessation requirements in the future, however. The Administering Authority may need to seek legal advice in such cases, as the employer would have no contributing members.

3.10 Policies on bulk transfers

The Fund has a separate written policy (see Appendix F) which covers bulk transfer payments into, out of the Fund. Each case will be treated on its own merits, but in general:

- where a group of active scheme members joins (or leaves) the Fund, the Administering Authority's objective is to ensure that sufficient assets are received (or paid out) to meet the cost of providing those benefits;
- The Administering Authority's default approach for bulk transfers out (or in) will be to propose (or accept) that the transfer value is calculated based on the appropriate cash equivalent transfer values. However, the scheme employer whose funding position will be affected by the transfer will always be consulted on the transfer terms before the Administering Authority agrees to any arrangement.
- A bulk transfer in may result in a shortfall when assessed using the Fund's ongoing funding basis. This may require the receiving employer's Fund contributions to increase between valuations.
- A bulk transfer out which is greater than the value of the past service liabilities of the transferring members assessed on the Fund's ongoing funding basis, may require the transferring employer's Fund contributions to increase between valuations.

3.11 Policies on intra-fund transfers

Where members transfer between employers within the Staffordshire Pension Fund, the assets that will be transferred from the transferring employer's asset share to the receiving employer's asset share will depend on the circumstances of the member(s)' transfer. In particular:

- Note (g) to Table 3.3 explains how assets will be allocated to new academy schools when members transfer from the ceding employer at the academy conversion date;
- Note (i) to Table 3.3 explains how assets will be allocated to new transferee admission bodies when services are outsourced from a scheduled body;
- If an individual member changes his/her employment from one employer in the Fund to another employer in the Fund, assets equal to the individual's cash equivalent transfer value (using standard Club factors) will be transferred from the transferring employer to the receiving employer;

HYMANS ROBERTSON LLP

- For all other cases, the Fund's default approach will be to transfer assets equal to the transferring liabilities (assessed on the Fund's ongoing funding basis) from the transferring employer's asset share to the receiving employer's asset share, unless there are specific circumstances which would merit an alternative approach.

DRAFT

4 Funding strategy and links to investment strategy

4.1 What is the Fund's investment strategy?

The Fund has built up assets over the years, and continues to receive contribution and other income. All of this must be invested in a suitable manner, which is the investment strategy.

Investment strategy is set by the Administering Authority, after consultation with the employers and after taking investment advice. The precise mix, manager make up and target returns are set out in the Investment Strategy Statement, which is available to members and employers.

The investment strategy is set for the long-term, but is reviewed from time to time. Normally a full review is carried out as part of each actuarial valuation, and is kept under review annually between actuarial valuations to ensure that it remains appropriate to the Fund's liability profile.

The same investment strategy is currently followed for all employers.

4.2 What is the link between funding strategy and investment strategy?

The Fund must be able to meet all benefit payments as and when they fall due. These payments will be met by contributions (resulting from the funding strategy) or asset returns and income (resulting from the investment strategy). To the extent that investment returns or income fall short, then higher cash contributions are required from employers, and vice versa

Therefore, the funding and investment strategies are inextricably linked.

4.3 How does the funding strategy reflect the Fund's investment strategy?

In the opinion of the Fund actuary, the current funding policy is consistent with the current investment strategy of the Fund. The actuary's assumptions for future investment returns (described further in Appendix E) are based on the current benchmark investment strategy of the Fund. The future investment return assumptions underlying each of the Fund's two funding bases include a margin for prudence, and are therefore considered to be consistent with the requirement to take a "prudent longer-term view" of the funding of liabilities as required by the UK Government (see Appendix [A1](#)).

In the short term – such as the three yearly assessments at formal valuations – there is the scope for considerable volatility in asset values. However, the actuary takes a long term view when assessing employer contribution rates and the contribution rate setting methodology takes into account this potential variability.

The Fund does not hold a contingency reserve to protect it against the volatility of equity investments.

4.4 What if the Fund chooses to change its investment strategy?

The strategic asset allocation for the Fund has been determined with reference to:

- the likelihood that it will deliver a return that, in conjunction with the contribution strategy, will achieve the Fund's long-term funding target; and
- the likelihood that any shortfall from funding target in the event of adverse investment outcomes will be within acceptable levels.

From time to time the Fund may make relatively small changes to the strategic asset allocation and/or changes to investment managers appointed.

5 Statutory reporting and comparison to other LGPS Funds

5.1 Purpose

Under Section 13(4)(c) of the Public Service Pensions Act 2013 ("Section 13"), the Government Actuary's Department must, following each triennial actuarial valuation, report to the Ministry of Housing, Communities & Local Government (MHCLG) on each of the LGPS Funds in England & Wales. This report will cover whether, for each Fund, the rate of employer contributions are set at an appropriate level to ensure both the solvency and the long term cost efficiency of the Fund.

This additional MHCLG oversight may have an impact on the strategy for setting contribution rates at future valuations.

5.2 Solvency

For the purposes of Section 13, the rate of employer contributions shall be deemed to have been set at an appropriate level to ensure solvency if:

- (a) the rate of employer contributions is set to target a funding level for the Fund of 100%, over an appropriate time period and using appropriate actuarial assumptions (where appropriateness is considered in both absolute and relative terms in comparison with other funds); and either
- (b) employers collectively have the financial capacity to increase employer contributions, and/or the Fund is able to realise contingent assets should future circumstances require, in order to continue to target a funding level of 100%; or
- (c) there is an appropriate plan in place should there be, or if there is expected in future to be, a material reduction in the capacity of Fund employers to increase contributions as might be needed.

5.3 Long Term Cost Efficiency

The rate of employer contributions shall be deemed to have been set at an appropriate level to ensure long term cost efficiency if:

- i. the rate of employer contributions is sufficient to make provision for the cost of current benefit accrual,
- ii. with an appropriate adjustment to that rate for any surplus or deficit in the Fund.

In assessing whether the above condition is met, MHCLG may have regard to various absolute and relative considerations. A relative consideration is primarily concerned with comparing LGPS pension funds with other LGPS pension funds. An absolute consideration is primarily concerned with comparing Funds with a given objective benchmark.

Relative considerations include:

- 1. the implied deficit recovery period; and
- 2. the investment return required to achieve full funding after 20 years.

HYMANS ROBERTSON LLP

Absolute considerations include:

1. the extent to which the contributions payable are sufficient to cover the cost of current benefit accrual and the interest cost on any deficit;
2. how the required investment return under “relative considerations” above compares to the estimated future return being targeted by the Fund’s current investment strategy;
3. the extent to which contributions actually paid have been in line with the expected contributions based on the extant rates and adjustment certificate; and
4. the extent to which any new deficit recovery plan can be directly reconciled with, and can be demonstrated to be a continuation of, any previous deficit recovery plan, after allowing for actual Fund experience.

MHCLG may assess and compare these metrics on a suitable standardised market-related basis, for example where the local funds’ actuarial bases do not make comparisons straightforward.

Appendix A – Regulatory framework

A1 Why does the Fund need an FSS?

The Ministry of Housing, Communities and Local Government (MHCLG) has stated that the purpose of the FSS is:

*“to establish a **clear and transparent fund-specific strategy** which will identify how employers’ pension liabilities are best met going forward;*

*to support the regulatory framework to maintain **as nearly constant employer contribution rates as possible**;*
and

*to take a **prudent longer-term view** of funding those liabilities.”*

These objectives are desirable individually, but may be mutually conflicting.

The requirement to maintain and publish a FSS is contained in LGPS Regulations which are updated from time to time. In publishing the FSS the Administering Authority has to have regard to any guidance published by the Chartered Institute of Public Finance and Accountancy (CIPFA) (most recently in 2016) and to its Investment Strategy Statement.

This is the framework within which the Fund’s actuary carries out triennial valuations to set employers’ contributions and provides recommendations to the Administering Authority when other funding decisions are required, such as when employers join or leave the Fund. The FSS applies to all employers participating in the Fund.

A2 Does the Administering Authority consult anyone on the FSS?

Yes. This is required by LGPS Regulations. It is covered in more detail by the most recent CIPFA guidance, which states that the FSS must first be subject to “consultation with such persons as the authority considers appropriate”, and should include “a meaningful dialogue at officer and elected member level with council tax raising authorities and with corresponding representatives of other participating employers”.

In practice, for the Fund, the consultation process for this FSS was as follows:

- a) A draft version of the FSS was issued to all participating employers on [DATE] for comment;
- b) Comments were requested within 30 days;
- c) There was an Employers Forum on 12 November 2019 at which questions regarding the FSS could be raised and answered;
- d) Following the end of the consultation period the FSS was updated where required and then published, on [DATE].

A3 How is the FSS published?

The FSS is made available through the following routes:

- Published on the website, at <https://www.staffspf.org.uk/Finance-and-Investments/Funding-Strategy-Statement>
- A full copy linked from the annual report and accounts of the Fund; Copies 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 triennial valuation (which may move to every four years in future – See Section 2.8). Normally the FSS is expected to remain unaltered until it is consulted on as part of the formal process for the next valuation.

It is possible that (usually slight) amendments may be needed within the three year period. These would be needed to reflect any regulatory changes, or alterations to the way the Fund operates (e.g. to accommodate a new class of employer). Any such amendments would be consulted upon as appropriate:

- trivial amendments would be simply notified at the next round of employer communications,
- amendments affecting only one class of employer would be consulted with those employers,
- other more significant amendments would be subject to full consultation.

In any event, changes to the FSS would need agreement by the Pensions Committee and would be included in the relevant Committee Meeting minutes.

A5 How does the FSS fit into other Fund documents?

The FSS is a summary of the Fund's approach to funding liabilities. It is not an exhaustive statement of policy on all issues, for example there are a number of separate statements published by the Fund including the Investment Strategy Statement, Governance Strategy and Communications Strategy. In addition, the Fund publishes an Annual Report and Accounts with up to date information on the Fund.

These documents can be found on the web at <https://www.staffspf.org.uk/Finance-and-Investments/>

Appendix B – Responsibilities of key parties

The efficient and effective operation of the Fund needs various parties to each play their part.

B1 The Administering Authority should:-

1. operate the Fund as per the LGPS Regulations;
2. effectively manage any potential conflicts of interest arising from its dual role as Administering Authority and a Fund employer;
3. collect employer and employee contributions, and investment income and other amounts due to the Fund;
4. ensure that cash is available to meet benefit payments as and when they fall due;
5. pay from the Fund the relevant benefits and entitlements that are due;
6. invest surplus monies (i.e. contributions and other income which are not immediately needed to pay benefits) in accordance with the Fund's Investment Strategy Statement (ISS) and LGPS Regulations;
7. communicate appropriately with employers so that they fully understand their obligations to the Fund;
8. take appropriate measures to safeguard the Fund against the consequences of employer default;
9. manage the valuation process in consultation with the Fund's actuary;
10. provide data and information as required by the Government Actuary's Department to carry out their statutory obligations (see [Section 5](#));
11. prepare and maintain a FSS and an ISS, after consultation;
12. notify the Fund's actuary of material changes which could affect funding (this is covered in a separate agreement with the actuary); and
13. monitor all aspects of the Fund's performance and funding and amend the FSS and ISS as necessary and appropriate.

B2 The Individual Employer should:-

1. deduct contributions from employees' pay correctly;
2. pay all contributions, including their own as determined by the actuary, promptly by the due date;
3. have a policy and exercise discretions within the regulatory framework;
4. make additional contributions in accordance with agreed arrangements in respect of, for example, augmentation of scheme benefits, early retirement strain; and
5. notify the Administering Authority promptly of all changes to its circumstances, prospects or membership, which could affect future funding.

B3 The Fund Actuary should:-

1. prepare valuations, including the setting of employers' contribution rates. This will involve agreeing assumptions with the Administering Authority, having regard to the FSS and LGPS Regulations, and targeting each employer's solvency appropriately;
2. provide data and information as required by the Government Actuary's Department to carry out their statutory obligations (see [Section 5](#));
3. provide advice relating to new employers in the Fund, including the level and type of bonds or other forms of security (and the monitoring of these);

HYMANS ROBERTSON LLP

4. prepare advice and calculations in connection with bulk transfers and individual benefit-related matters;
5. assist the Administering Authority in considering possible changes to employer contributions between formal valuations, where circumstances suggest this may be necessary;
6. advise on the termination of employers' participation in the Fund; and
7. fully reflect actuarial professional guidance and requirements in the advice given to the Administering Authority.

B4 Other parties:-

1. investment advisers (either internal or external) should ensure the Fund's ISS remains appropriate, and consistent with this FSS;
2. LGPS Central Pool, investment managers, custodians and bankers should all play their part in the effective investment (and dis-investment) of Fund assets, in line with the ISS;
3. auditors should comply with their auditing standards, ensure Fund compliance with all requirements, monitor and advise on fraud detection, and sign off annual reports and financial statements as required;
4. governance advisers may be appointed to advise the Administering Authority on efficient processes and working methods in managing the Fund;
5. legal advisers (either internal or external) should ensure the Fund's operation and management remains fully compliant with all regulations and broader local government requirements, including the Administering Authority's own procedures;
6. MHCLG (assisted by the Government Actuary's Department) and the Scheme Advisory Board, should work with LGPS Funds to meet Section 13 requirements.

Appendix C – Key risks and controls

C1 Types of risk

The Administering Authority has an active risk management programme in place. The measures that it has in place to control key risks are summarised below under the following headings:

- financial;
- demographic;
- regulatory; and
- governance.

C2 Financial risks

Risk	Summary of Control Mechanisms
Fund assets fail to deliver returns in line with the anticipated returns underpinning the valuation of liabilities and contribution rates over the long-term.	<p>Only anticipate long-term returns on a relatively prudent basis to reduce risk of under-performing.</p> <p>Assets invested on the basis of specialist advice, in a suitably diversified manner across asset classes, geographies, managers, etc.</p> <p>Analyse progress at three yearly valuations for all employers.</p> <p>Inter-valuation roll-forward of liabilities between valuations at whole Fund level.</p>
Inappropriate long-term investment strategy.	<p>Overall investment strategy options considered as an integral part of the funding strategy. Used asset liability modelling to measure 4 key outcomes.</p> <p>Chosen option considered to provide the best balance.</p>
Active investment manager under-performance relative to benchmark.	<p>Quarterly investment monitoring analyses market performance and active managers relative to their index benchmark.</p>
Pay and price inflation significantly more than anticipated.	<p>The focus of the actuarial valuation process is on real returns on assets, net of price and pay increases.</p> <p>Inter-valuation monitoring, as above, gives early warning.</p> <p>Some investment in bonds also helps to mitigate this risk.</p> <p>Employers pay for their own salary awards and should be mindful of the geared effect on pension liabilities of any bias in pensionable pay rises towards longer-serving employees.</p>

HYMANS ROBERTSON LLP

Risk	Summary of Control Mechanisms
Effect of possible increase in employer's contribution rate on service delivery and admission/scheduled bodies	An explicit stabilisation mechanism has been agreed as part of the funding strategy. Other measures are also in place to limit sudden increases in contributions.
Orphaned employers give rise to added costs for the Fund	<p>The Fund seeks a cessation debt (or security/guarantor) to minimise the risk of this happening in the future.</p> <p>If it occurs, the Actuary calculates the added cost spread pro-rata among all employers – (see 3.9).</p>
Liquidity issues posed by significant cessations by employers in surplus funding position	<p>Careful monitoring of funding levels at triennial valuations, and allowing contribution holidays where appropriate to ensure employers do not generate significant surplus positions</p> <p>Ensuring that the Fund's investment strategy allows for a significant proportion of liquid investments and asset classes</p>
Effect of possible asset underperformance as a result of failure to follow Responsible Investment principles	Please see the Fund's Investment Strategy Statement for details on how this risk is managed.

C3 Demographic risks

Risk	Summary of Control Mechanisms
Pensioners living longer, thus increasing cost to Fund.	<p>Set mortality assumptions with some allowance for future increases in life expectancy.</p> <p>The Fund Actuary has direct access to the experience of over 50 LGPS funds which allows early identification of changes in life expectancy that might in turn affect the assumptions underpinning the valuation.</p>
Maturing Fund – i.e. proportion of actively contributing employees declines relative to retired employees.	Continue to monitor at each valuation, consider seeking monetary amounts rather than % of pay and consider alternative investment strategies.
Deteriorating patterns of early retirements	<p>Employers are charged the extra cost of non ill-health retirements following each individual decision.</p> <p>Employer ill health retirement experience is monitored, and an internal insurance arrangement is operated (see 3.8).</p>

Risk	Summary of Control Mechanisms
Reductions in payroll causing insufficient deficit recovery payments	<p>In many cases this may not be sufficient cause for concern, and will in effect be caught at the next formal valuation. However, there are protections where there is concern, as follows:</p> <p>Employers in the stabilisation mechanism may be brought out of that mechanism to permit appropriate contribution increases (see Note (b) to 3.3).</p> <p>For other employers, review of contributions is permitted in general between valuations (see Note (f) to 3.3) and may require a move in deficit contributions from a percentage of payroll to fixed monetary amounts.</p>

C4 Regulatory risks

Risk	Summary of Control Mechanisms
Changes to national pension requirements and/or HMRC rules e.g. changes arising from public sector pensions reform.	<p>The Administering Authority considers all consultation papers issued by the Government and comments where appropriate.</p> <p>The Administering Authority is monitoring the progress on the McCloud court case and will consider an interim valuation or other appropriate action once more information is known.</p> <p>The government's long term preferred solution to GMP indexation and equalisation - conversion of GMPs to scheme benefits - was built into the 2019 valuation.</p>
Time, cost and/or reputational risks associated with any MHCLG intervention triggered by the Section 13 analysis (see Section 5).	Take advice from Fund Actuary on position of Fund as at prior valuation, and consideration of proposed valuation approach relative to anticipated Section 13 analysis.
Changes by Government to particular employer participation in LGPS Funds, leading to impacts on funding and/or investment strategies.	<p>The Administering Authority considers all consultation papers issued by the Government and comments where appropriate.</p> <p>Take advice from Fund Actuary on impact of changes on the Fund and amend strategy as appropriate.</p>

C5 Governance risks

Risk	Summary of Control Mechanisms
Administering Authority unaware of structural changes in an employer's membership (e.g. large fall in employee members, large number of retirements) or not advised of an employer closing to new entrants.	<p>The Administering Authority has a close relationship with employing bodies and communicates required standards e.g. for submission of data.</p> <p>The Actuary may revise the rates and Adjustments certificate to increase an employer's contributions between triennial valuations</p> <p>Deficit contributions may be expressed as monetary amounts.</p>
Actuarial or investment advice is not sought, or is not heeded, or proves to be insufficient in some way	<p>The Administering Authority maintains close contact with its specialist advisers.</p> <p>Advice is delivered via formal meetings involving Elected Members, and recorded appropriately.</p> <p>Actuarial advice is subject to professional requirements such as peer review.</p>
Administering Authority failing to commission the Fund Actuary to carry out a termination valuation for a departing Admission Body.	<p>The Administering Authority requires employers with Best Value contractors to inform it of forthcoming changes.</p> <p>Community Admission Bodies' memberships are monitored and, if active membership decreases, steps will be taken.</p>
An employer ceasing to exist with insufficient funding or adequacy of a bond.	<p>The Administering Authority believes that it would normally be too late to address the position if it was left to the time of departure.</p> <p>The risk is mitigated by:</p> <p>Seeking a funding guarantee from another scheme employer, or external body, where-ever possible (see Notes (h) and (j) to 3.3).</p> <p>Alerting the prospective employer to its obligations and encouraging it to take independent actuarial advice.</p> <p>Vetting prospective employers before admission.</p> <p>Where permitted under the regulations requiring a bond to protect the Fund from various risks.</p> <p>Requiring new Community Admission Bodies to have a guarantor.</p>

Risk	Summary of Control Mechanisms
	<p>Reviewing bond or guarantor arrangements at regular intervals (see Note (f) to 3.3).</p> <p>Reviewing contributions well ahead of cessation if thought appropriate (see Note (a) to 3.3).</p>
An employer ceasing to exist resulting in an exit credit being payable as a regulatory requirement	<p>The Administering Authority regularly monitors admission bodies coming up to cessation</p> <p>The Administering Authority invests in liquid assets to ensure that exit credits can be paid when required.</p>

Appendix D – The calculation of Employer contributions

In [Section 2](#) there was a broad description of the way in which contribution rates are calculated. This Appendix considers these calculations in much more detail.

As discussed in Section 2, the actuary calculates the required contribution rate for each employer using a three-step process:

- Calculate the funding target for that employer, i.e. the estimated amount of assets it should hold in order to be able to pay all its members' benefits. See Appendix E for more details of what assumptions we make to determine that funding target;
- Determine the time horizon over which the employer should aim to achieve that funding target. See the table in 3.3 and Note (c) for more details;
- Calculate the employer contribution rate such that it has at least a given likelihood of achieving that funding target over that time horizon, allowing for various possible economic outcomes over that time horizon. See the table in 3.3 Note (e) for more details.

The calculations involve actuarial assumptions about future experience, and these are described in detail in [Appendix E](#).

D1 What is the difference between calculations across the whole Fund and calculations for an individual employer?

Employer contributions are normally made up of two elements:

- a) the estimated cost of ongoing benefits being accrued, referred to as the "Primary contribution rate" (see [D2](#) below); plus
- b) an adjustment for the difference between the Primary rate above, and the actual contribution the employer needs to pay, referred to as the "Secondary contribution rate" (see [D3](#) below).

The contribution rate for each employer is measured as above, appropriate for each employer's assets, liabilities and membership. The whole Fund position, including that used in reporting to MHCLG (see section 5), is calculated in effect as the sum of all the individual employer rates. MHCLG currently only regulates at whole Fund level, without monitoring individual employer positions.

D2 How is the Primary contribution rate calculated?

The Primary element of the employer contribution rate is calculated with the aim that these contributions will meet benefit payments in respect of members' **future** service in the Fund. This is based upon the cost (in excess of members' contributions) of the benefits which employee members earn from their service each year.

The Primary rate is calculated separately for all the employers, although employers within a pool will pay the contribution rate applicable to the pool as a whole. The Primary rate is calculated such that it is projected to:

1. meet the required funding target for all future years' accrual of benefits*, excluding any accrued assets,
2. within the determined time horizon (see [note 3.3 Note \(c\)](#) for further details),
3. with a sufficiently high likelihood, as set by the Fund's strategy for the category of employer (see the [table in 3.3](#) and [3.3 Note \(e\)](#) for further details).

* The projection is for the current active membership where the employer no longer admits new entrants, or additionally allows for new entrants where this is appropriate.

The projections are carried out using an economic modeller (the “Economic Scenario Service”) developed by the Fund’s actuary Hymans Robertson: this allows for a wide range of outcomes as regards key factors such as asset returns (based on the Fund’s investment strategy), inflation, and bond yields. Further information about this model is included in [Appendix E](#). The measured contributions are calculated such that the proportion of outcomes meeting the employer’s funding target (at the end of the time horizon) is equal to the required likelihood.

The approach includes expenses of administration to the extent that they are borne by the Fund, and includes allowances for benefits payable on death in service and on ill health retirement.

D3 How is the Secondary contribution rate calculated?

The Secondary rate is calculated as the balance over and above the Primary rate, such that the total contribution rate is projected to meet the required funding target:

1. relating to combined past and future service benefit accrual, including accrued asset share (see [D5](#) below)
2. at the end of the determined time horizon (see [3.3 Note \(c\)](#) for further details)
3. with a sufficiently high likelihood, as set by the Fund’s strategy for the category of employer (see [table in 3.3](#) and [3.3 Note \(e\)](#) for further details).

The projections are carried out using an economic modeller (the “Economic Scenario Service”) developed by the Fund Actuary Hymans Robertson: this allows for a wide range of outcomes as regards key factors such as asset returns (based on the Fund’s investment strategy), inflation, and bond yields. Further information about this model is included in [Appendix E](#). The measured contributions are calculated such that the proportion of outcomes meeting the employer’s funding target (at the end of the time horizon) is equal to the required likelihood.

D4 What affects a given employer’s valuation results?

The results of these calculations for a given individual employer will be affected by:

- past contributions relative to the cost of accruals of benefits;
- different liability profiles of employers (e.g. mix of members by age, gender, service vs. salary);
- the effect of any differences in the funding target, i.e. the valuation basis used to value the employer’s liabilities at the end of the time horizon;
- any different time horizons;
- the difference between actual and assumed rises in pensionable pay;
- the difference between actual and assumed increases to pensions in payment and deferred pensions;
- the difference between actual and assumed retirements on grounds of ill-health from active status;
- the difference between actual and assumed amounts of pension ceasing on death;
- the additional costs of any non ill-health retirements relative to any extra payments made; and/or
- differences in the required likelihood of achieving the funding target.

D5 How is each employer's asset share calculated?

The Administering Authority does not operate separate bank accounts or investment mandates for each employer. Therefore it cannot account for each employer's assets separately. Instead, the Fund Actuary must apportion the assets of the whole Fund between the individual employers. There are broadly two ways to do this:

- 1) A technique known as "analysis of surplus" in which the Fund actuary estimates the surplus/deficit of an employer at the current valuation date by analysing movements in the surplus/deficit from the previous actuarial valuation date. The estimated surplus/deficit is compared to the employer's liability value to calculate the employer's asset value. The actuary will quantify the impact of investment, membership and other experience to analyse the movement in the surplus/deficit. This technique makes a number of simplifying assumptions due to the unavailability of certain items of information. This leads to a balancing, or miscellaneous, item in the analysis of surplus, which is split between employers in proportion to their asset shares.
- 2) A 'cashflow approach' in which an employer's assets are tracked over time allowing for cashflows paid in (contributions, transfers in etc.), cashflows paid out (benefit payments, transfers out etc.) and investment returns on the employer's assets.

Until 31 March 2016 the Administering Authority used the 'analysis of surplus' approach to apportion the Fund's assets between individual employers.

Since then, the Fund has adopted a cashflow approach for tracking individual employer assets.

The Fund Actuary uses the Hymans Robertson's proprietary "HEAT" system to track employer assets on a monthly basis. Starting with each employer's assets from the previous month end, cashflows paid in/out and investment returns achieved on the Fund's assets over the course of the month are added to calculate an asset value at the month end.

Ill-health early retirement strains are allowed for as described in 3.8; individual member transfers are described in D6 below.

The Fund is satisfied that this new approach provides the most accurate asset allocations between employers that is reasonably possible at present.

D6 How does the Fund adjust employer asset shares when an individual member moves from one employer in the Fund to another?

Under the cashflow approach for tracking employer asset shares, the Fund has allowed for any individual members transferring from one employer in the Fund to another, via the transfer of a sum from the ceding employer's asset share to the receiving employer's asset share. This sum is equal to the member's Cash Equivalent Transfer Value (CETV) as advised by the Fund's administrators.

Appendix E – Actuarial assumptions

E1 What are the actuarial assumptions used to calculate employer contribution rates?

These are expectations of future experience used to place a value on future benefit payments (“the liabilities”) and future asset values. Assumptions are made about the amount of benefit payable to members (the financial assumptions) and the likelihood or timing of payments (the demographic assumptions). For example, financial assumptions include investment returns, salary growth and pension increases; demographic assumptions include life expectancy, probabilities of ill-health early retirement, and proportions of member deaths giving rise to dependants’ benefits.

Changes in assumptions will affect the funding target and required contribution rate. However, different assumptions will not of course affect the actual benefits payable by the Fund in future. For instance, taking pension increases (which follow price inflation) as an example:

- a higher assumed rate of increase will give higher assumed costs and hence higher calculated contributions;
- the actual cost of pensions will vary by the rate of actual price inflation, not what had been assumed in the past.

The actuary’s approach to calculating employer contribution rates involves the projection of each employer’s future benefit payments, contributions and investment returns into the future under 5,000 possible economic scenarios. Future inflation (and therefore benefit payments) and investment returns for each asset class (and therefore employer asset values) are variables in the projections. By projecting the evolution of an employer’s assets and benefit payments 5,000 times, a contribution rate can be set that results in a sufficient number of these future projections (determined by the employer’s required likelihood) being successful at the end of the employer’s time horizon. In this context, a successful contribution rate is one which results in the employer having met its funding target at the end of the time horizon.

Setting employer contribution rates therefore requires two types of assumptions to be made about the future:

1. Assumptions to project the employer’s assets, benefits and cashflows to the end of the funding time horizon. For this purpose the actuary uses Hymans Robertson’s proprietary stochastic economic model - the Economic Scenario Service (“ESS”).
2. Assumptions to assess whether, for a given projection, the funding target is satisfied at the end of the time horizon. For this purpose, the Fund has two different funding bases.

Details on the ESS assumptions and funding target assumptions are included below (in E2 and E3 respectively).

E2 What assumptions are used in the Economic Scenario Service (ESS)?

The actuary uses Hymans Robertson’s ESS model to project a range of possible outcomes for the future behaviour of asset returns and economic variables. With this type of modelling, there is no single figure for an assumption about future inflation or investment returns. Instead, there is a range of what future inflation or returns will be which leads to likelihoods of the assumption being higher or lower than a certain value.

The ESS is a complex model to reflect the interactions and correlations between different asset classes and wider economic variables. The table below shows the calibration of the model as at 31 March 2019. All returns are shown net of fees and are the annualised total returns over 5, 10 and 20 years, except for the yields which refer to the simulated yields at that time horizon.

		Annualised total returns							RPI inflation expectation	17 year real govt bond yield	17 year govt bond yield
		Cash	Index Linked Gilts (medium)	Fixed Interest Gilts (medium)	UK Equity	Overseas Equity	Property	A rated corporate bonds (medium)			
5 years	16th %ile	-0.4%	-2.3%	-2.9%	-4.1%	-4.1%	-3.5%	-2.7%	1.9%	-2.5%	0.8%
	50th %ile	0.7%	0.5%	0.3%	4.0%	4.1%	2.4%	0.8%	3.3%	-1.7%	2.1%
	84th %ile	2.0%	3.3%	3.4%	12.7%	12.5%	8.8%	4.0%	4.9%	-0.8%	3.6%
10 years	16th %ile	-0.2%	-1.8%	-1.3%	-1.5%	-1.4%	-1.5%	-0.9%	1.9%	-2.0%	1.2%
	50th %ile	1.3%	0.0%	0.2%	4.6%	4.7%	3.1%	0.8%	3.3%	-0.8%	2.8%
	84th %ile	2.9%	1.9%	1.7%	10.9%	10.8%	7.8%	2.5%	4.9%	0.4%	4.8%
20 years	16th %ile	0.7%	-1.1%	0.1%	1.2%	1.3%	0.6%	0.7%	2.0%	-0.7%	2.2%
	50th %ile	2.4%	0.3%	1.0%	5.7%	5.8%	4.3%	1.9%	3.2%	0.8%	4.0%
	84th %ile	4.5%	2.0%	2.0%	10.3%	10.4%	8.1%	3.0%	4.7%	2.2%	6.3%
Volatility (Disp) (1 yr)		1%	7%	10%	17%	17%	14%	11%	1%		

(NB The reference to 17 year government bond yields is to the market's view of long term gilt stocks, looking ahead from any given point in time, as opposed to any connection with 17 year funding time horizon).

E3 What assumptions are used in the funding target?

At the end of an employer's funding time horizon, an assessment will be made – for each of the 5,000 projections – of how the assets held compare to the value of assets required to meet the future benefit payments (the funding target). Valuing the cost of future benefits requires the actuary to make assumptions about the following financial factors:

- Benefit increases and CARE revaluation
- Salary growth
- Investment returns (aka the “discount rate”)

Each of the 5,000 projections represents a different prevailing economic environment at the end of the funding time horizon and so a single, fixed value for each assumption is unlikely to be appropriate for every projection. For example, a high assumed future investment return (aka discount rate) would not be prudent in projections with a weak outlook for economic growth. Therefore, instead of using a fixed value for each assumption, the actuary references economic indicators to ensure the assumptions remain appropriate for the prevailing economic environment in each projection. The economic indicators the actuary uses are: future inflation expectations and the prevailing risk free rate of return (the yield on long term UK government bonds is used as a proxy for this rate).

The Fund has two funding bases which will apply to different employers depending on their type. Each funding basis has a different assumption for future investment returns when determining the employer's funding target.

Funding basis	Ongoing participation basis	Low risk exit basis
Employer type	All employers except closed Community Admission Bodies	Community Admission Bodies that are closed to new entrants

Investment return assumption underlying the employer's funding target (at the end of its time horizon)	Long term government bond yields plus an asset outperformance assumption (AOA) of 1.6% p.a.	
---------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------	--

The Fund's standard funding basis is described as the "ongoing basis", which applies to most employers in most circumstances. This is described in more detail below. It anticipates employers remaining in the Fund in the long term.

However, in certain circumstances, typically where the employer is not expected to remain in the Fund long term, a more prudent basis applies: see [Note \(a\)](#) to [3.3](#).

E4 What other assumptions apply?

The following assumptions are those of the most significance used in both the projection of the assets, benefits and cashflows and in the funding target.

a) Salary growth

After discussion with Fund officers and the Pensions Committee, the salary increase assumption at the 2019 valuation has been set to be a blended rate combined of:

1. 2.0% p.a. until 31 March 2021, followed by
2. Pay awards in line with the consumer prices index (CPI) plus 0.5% per annum p.a. thereafter.

This led to a blended assumption of CPI plus 0.4%, which is the same assumption as was used in the 2016 valuation of the Fund.

b) Pension increases

Since 2011 the consumer prices index (CPI), rather than RPI, has been the basis for increases to public sector pensions in deferment and in payment. Note that the basis of such increases is set by the Government, and is not under the control of the Fund or any employers.

At this valuation, we have continued to assume that CPI is 1.0% per annum lower than RPI. (Note that the reduction is applied in a geometric, not arithmetic, basis).

c) Life expectancy

The demographic assumptions are intended to be best estimates of future experience in the Fund based on past experience of LGPS funds which participate in Club Vita, the longevity analytics service used by the Fund, and endorsed by the actuary.

The longevity assumptions that have been adopted at this valuation are a bespoke set of "VitaCurves", produced by the Club Vita's detailed analysis, which are specifically tailored to fit the membership profile of the Fund. These curves are based on the data provided by the Fund for the purposes of this valuation.

Allowance has been made in the ongoing valuation basis for future improvements in line with the 2018 version of the Continuous Mortality Investigation model published by the Actuarial Profession and a 1.25% per annum minimum underpin to future reductions in mortality rates. This updated allowance for future improvements will

HYMANS ROBERTSON LLP

generally result in lower life expectancy assumptions and hence a reduced funding target (all other things being equal).

The approach taken is considered reasonable in light of the long term nature of the Fund and the assumed level of security underpinning members' benefits.

d) General

The same financial assumptions are adopted for most employers (on the ongoing participation basis identified above), in deriving the funding target underpinning the Primary and Secondary rates: as described in [\(3.3\)](#), these calculated figures are translated in different ways into employer contributions, depending on the employer's circumstances.

The demographic assumptions, in particular the life expectancy assumption, in effect vary by type of member and so reflect the different membership profiles of employers.

DRAFT

Appendix F – Bulk Transfer Policy

Introduction

The purpose of this policy is to set out the Administering Authority's approach to dealing with the bulk transfer of scheme member pension rights in to and out of the Fund in prescribed circumstances.

Bulk transfer requests will be considered on a case by case basis, ensuring that:

4. transfers out of the Fund do not allow a deficit to remain behind unless a scheme employer is committed to repairing this; and
5. bulk transfers received must be sufficient to pay for the added benefits being awarded to the members, again with the scheme employer making good any shortfall where necessary.

When considering any circumstances where bulk transfer provisions might apply, however, the Administering Authority will always ensure adherence to any overriding requirements set out in the Local Government Pension Scheme Regulations and/or any supplementary or statutory guidance (e.g. the Best Value Staff Transfers (Pensions) Direction 2007).

Bulk transfer circumstances

Bulk transfers into and out of the Fund can occur for a variety of reasons, namely:

6. where an outsourcing arrangement is entered into and active scheme members leave the LGPS to join a broadly comparable scheme;
7. where an outsourcing arrangement ceases and active scheme members re-join the LGPS from a broadly comparable scheme;
8. where there is a reorganisation of central government operations (transfers in from, or out to, other government sponsored schemes);
9. Where there is a reorganisation or consolidation of local operations (bought about by, for example, local government shared services, college mergers or multi academy trust consolidations); or
10. a national restructuring resulting in the admission of an employer whose employees have LGPS service in another LGPS fund, or vice versa.

Unlike bulk transfers out of the LGPS, there is no specific provision to allow for bulk transfers into the LGPS. As a result, any transfer value received into the LGPS, whether on the voluntary movement of an individual or the compulsory transfer of a number of employees, must be treated the same way as individual transfers.

Guidance and regulatory framework

The Local Government Pension Scheme Regulations 2013 contain relevant provisions regarding transfers (including bulk transfers) to and from the scheme, include the following:

11. Regulation 98 – applies on transfer out to non-LGPS schemes. It allows for the payment of a bulk transfer value where at least two active members of the LGPS cease scheme membership and join another approved pension arrangement;
12. Regulation 99 - gives the LGPS actuary discretion as to the choice of method of calculation used to calculate the bulk transfer value;
13. Regulation 100 – allows an individual who holds relevant pension rights under a previous employer to request to be admitted for past service into the LGPS. Members wishing to transfer in accrued rights from a club scheme, who request to do so within 12 months of joining their new LGPS employment must

HYMANS ROBERTSON LLP

be granted their request. For members with non-club accrued rights the LGPS Fund does not have to grant the request. Any request must be received in writing from the individual within 12 months of active employment commencing or longer at the discretion of the employer and the administering authority.

14. Regulation 103 - states that any transfer between one LGPS fund and another LGPS fund (in England and Wales) where 10 or more members elect to transfer will trigger bulk transfer negotiations between Fund actuaries.

The Best Value Authorities Staff Transfers (Pensions) Direction 2007, which came into force on 1 October 2007, applies to all "Best Value Authorities" in England (which therefore applies to all local authorities in England). The Direction:

15. requires the contractor to secure pension protection for each transferring employee through the provision of pension rights that are the same as or are broadly comparable to or better than those they had as an employee of the authority, and
16. provides that the provision of pension protection is enforceable by the employee.

The Direction also requires similar pension protection in relation to those former employees of an authority, who were transferred under TUPE to a contractor, in respect of any re-tendering of a contract for the provision of services (i.e. second and subsequent rounds of outsourcing).

New Fair Deal, introduced in October 2013, applies to academies and multi academy trusts. It requires that, where they outsource services, they ensure pension protection for non-teaching staff transferred is achieved via continued access to the LGPS. As a result it would not be expected the Fund would have any bulk transfers out of the LGPS in respect of outsourcings from academies or multi academy trusts.

Note:

For all other scheme employers – who are not subject to the requirements of Best Value Direction or New Fair Deal - there is no explicit requirement to provide pension protection on the outsourcing or insourcing of services, although any successful contractor is free to seek admission body status in the Fund, subject to complying with the Administering Authority's requirements (e.g. having a bond or guarantor in place).

It is our understanding that there is no specific provision giving protection to past pension accrual in either the Direction or new Fair Deal (albeit if the individual remains in their original scheme then their past service rights are automatically protected). In the absence of a bulk transfer agreement, therefore, the Administering Authority would not expect to pay out more than individual cash equivalent transfer amounts, in accordance with appropriate GAD guidance.

Statement of Principles

The Administering Authority's policy is drafted on the basis of the following key principles:

17. where a group of active scheme members joins (or leaves) the Fund, the Administering Authority's objective is to ensure that sufficient assets are received (or paid out) to meet the cost of providing those benefits;
18. The Administering Authority's default approach for bulk transfers out (or in) will be to propose (or accept) that the transfer value is calculated based on the appropriate cash equivalent transfer values. However, the scheme employer whose funding position will be affected by the transfer will always be consulted on the transfer terms before the Administering Authority agrees to any arrangement.
19. A bulk transfer in may result in a shortfall when assessed using the Fund's ongoing funding basis. This may require the receiving employer's Fund contributions to increase between valuations.

HYMANS ROBERTSON LLP

20. A bulk transfer out which is greater than the value of the past service liabilities of the transferring members assessed on the Fund's ongoing funding basis, may require the transferring employer's Fund contributions to increase between valuations.
21. Service credits granted to active scheme members should fully reflect the value of the benefits being transferred, irrespective of the transfer value paid or received.

Policies

The following table sets out a summary of the various scenarios for the transfer in to and out of the Fund, together with the Administering Authority's policies relating to bulk transfers. In the remainder of this section we set out the Administering Authority's policies in relation to a number of subsidiary areas associated with bulk transfers.

Scenario		Bulk transfer mechanism	Policy	Methodology
Machinery of Government from a Club Scheme	In	Club Memorandum	The Club mechanism ensures the pension credit in the Fund provides actuarially equivalent benefits	The pension credit awarded to members transferring in will be calculated in line with the Club transfer-in formulae .
	Out	Regulation 98 of the Local Government Pension Scheme Regulations 2013 or Club Memorandum	Where agreement can be reached, the Fund and the receiving scheme (and their two actuaries) may agree to a negotiated bulk transfer arrangement. or Where agreement cannot be reached, revert to the Club transfer out formulae in accordance with GAD guidance.	The Fund's default policy is to offer the receiving scheme transfers out calculated in line with the Club transfer-out formulae .
Broadly Comparable scheme	In	GAD guidance	Non-Club transfer in formulae in accordance with GAD guidance	The pension credit awarded to members transferring in will be calculated in line with the non-Club transfer-in formulae .
or Machinery of Government where scheme is treated as a	Out	< 2 members – GAD guidance	Cash equivalent transfer values in accordance with GAD guidance	The transfer value paid to the receiving scheme will be calculated in line with the CETV transfer-out formulae .

HYMANS ROBERTSON LLP

non-Club scheme		2 or more members – Regulation 98 of the Local Government Pension Scheme Regulations 2013	Where agreement can be reached, the Fund and the receiving scheme (and their two actuaries) may agree to a negotiated bulk transfer arrangement. or Where agreement cannot be reached, revert to cash equivalent transfer values under GAD guidance	The Fund's default policy is to offer the receiving scheme transfers out calculated in line with the CETV transfer-out formulae .
Inter-fund transfer (transfer between the Fund and another LGPS Fund)	In	< 10 members – GAD guidance	Cash equivalent transfer values in accordance with GAD guidance	On receipt of a transfer value (calculated in line with the CETV transfer-out formulae), the Fund will award the member a pension credit on a day-for-day basis.
		10 or more members – Regulation 103 of the Local Government Pension Scheme Regulations 2013	Where agreement can be reached, the Fund and the transferring Fund (and their two actuaries) may agree to a negotiated bulk transfer arrangement. or Where agreement cannot be reached, revert to cash equivalent transfer values under GAD guidance	The Fund's default policy is to accept a transfer value that is at least equal to the total of the individual cash equivalent transfer values calculated using the Club transfer-out formulae . The Fund will consult with the scheme employer whose funding position will be impacted by the transfer before agreeing to a negotiated bulk transfer arrangement. Pension credits will be awarded to the transferring members on a day-for-day basis.
	Out	< 10 members – GAD guidance	Cash equivalent transfer values in accordance with GAD guidance	The transfer value paid to the receiving fund will be calculated in line with the CETV transfer-out formulae .
		10 or more members – Regulation 103 of the Local Government Pension Scheme Regulations 2013	Where agreement can be reached, the Fund and the receiving Fund (and their two actuaries) may agree to a negotiated bulk transfer arrangement. or	The Fund's default policy is to offer a transfer value that is equal to the total of the individual cash equivalent transfer values calculated using the Club transfer-out formulae . The Fund will consult with the scheme employer whose funding position will be impacted by the transfer before agreeing to a

			Where agreement cannot be reached, revert to cash equivalent transfer values under GAD guidance	negotiated bulk transfer arrangement.
--	--	--	-------------------------------------------------------------------------------------------------	---------------------------------------

Notes:

- There may be situations where a transfer amount accepted in respect of a transfer in is less than is required to fully fund the transferred in benefits on the Fund's ongoing basis. In such cases the Fund reserves the right to require the receiving employer to fund this deficit (either by lump sum or increase in ongoing employer contributions) ahead of the next formal valuation.
- Any shortfall between the bulk transfer payable by the Fund and that which the receiving scheme is prepared to accept must be dealt with outside of the Fund, for example by a top up from the employer to the receiving scheme or through higher ongoing contributions to that scheme.
- For transfers out, in exceptional circumstances the Fund's policy may be altered to reflect specific issues of the transferring employer (e.g. the cessation of the transferring scheme employer).

Adjustment to transfer payment or payment date

In the normal course of events payment of a bulk transfer value will occur well after the actual transfer of employment.

Regulation 92(1) specifically refers to the actuary to the paying scheme being able to adjust the transfer amount for the period between the transfer date and payment date.

Bearing in mind the overriding principle of minimising the risk to the Fund of paying out more in the bulk transfer than the Fund holds in assets which are attributable to the transferring liabilities, the most appropriate adjustment would be to use the actual returns achieved on the Fund's assets over the appropriate period.

Format of transfer payment

Ordinarily payment will be in cash, with discretion delegated to the s.151 officer to agree alternatives.

A deduction to the bulk transfer will be made for any administration, legal and transaction costs incurred by the Fund as a result of having to disinvest any assets to meet the form of payment that suits the receiving scheme.

Impact on transferring employer

Any transfer of pension rights may have an effect on the valuation position of the employer and consequently their individual contribution rate.

The Fund will agree with the transferring authority how this change is dealt with. Though it is likely this will be through adjustments to its employer contribution rate, the Fund may require a lump sum payment or instalments of lump sums to cover this relative change in deficit, for example where the deficit is a large proportion of the total remaining notional assets and liabilities where the transfer is small relative to the employer's share of the Fund, any adjustment may be deferred to the next valuation.

Consent

Where required within the Regulations, for any bulk transfer the Administering Authority will ensure the necessary consent is obtained from each individual eligible to be part of the transfer.

Approval process

Under the principles of good governance, it is important that a clear and robust approval process is in place when determining whether to pay or receive a bulk transfer.

The Fund will normally agree to bulk transfers into or out of the Fund where this policy is adhered to. All bulk transfers that represent a departure from this policy will be put to the Pensions Committee for agreement, detailing any proposals to depart from this policy

Non-negotiable

It should be noted that, as far as possible, the Fund's preferred terms on bulk transfers are non-negotiable. Any differences between the value the Fund is prepared to pay (or receive) and that which the other scheme involved is prepared to accept (or pay) should be dealt with by the employers concerned outside the Fund.

DRAFT

Appendix G – Glossary

Funding basis	The combined set of assumptions made by the actuary, regarding the future, to calculate the value of the funding target at the end of the employer's time horizon. The main assumptions will relate to the level of future investment return, salary growth, pension increases and longevity. More prudent assumptions will give a higher funding target, whereas more optimistic assumptions will give a lower funding target.
Administering Authority	The council with statutory responsibility for running the Fund, in effect the Fund's "trustees".
Admission Bodies	Employers where there is an Admission Agreement setting out the employer's obligations. These can be Community Admission Bodies or Transferee Admission Bodies. For more details (see 2.3).
Covenant	The assessed financial strength of the employer. A strong covenant indicates a greater ability (and willingness) to pay for pension obligations in the long run. A weaker covenant means that it appears that the employer may have difficulties meeting its pension obligations in full over the longer term.
Designating Employer	Employers such as town and parish councils that are able to participate in the LGPS via resolution. These employers can designate which of their employees are eligible to join the Fund.
Employer	An individual participating body in the Fund, which employs (or used to employ) members of the Fund. Normally the assets and funding target values for each employer are individually tracked, together with its Primary rate at each valuation .
Gilt	A UK Government bond, ie a promise by the Government to pay interest and capital as per the terms of that particular gilt, in return for an initial payment of capital by the purchaser. Gilts can be "fixed interest", where the interest payments are level throughout the gilt's term, or "index-linked" where the interest payments vary each year in line with a specified index (usually RPI). Gilts can be bought as assets by the Fund, but are also used in funding as an objective measure of a risk-free rate of return.
Guarantee / guarantor	A formal promise by a third party (the guarantor) that it will meet any pension obligations not met by a specified employer. The presence of a guarantor will mean, for instance, that the Fund can consider the employer's covenant to be as strong as its guarantor's.
Letting employer	An employer which outsources or transfers a part of its services and workforce to another employer (usually a contractor). The contractor will pay towards the LGPS benefits accrued by the transferring members, but ultimately the obligation to pay for these benefits will revert to the letting employer. A letting employer will usually be a local authority, but can sometimes be another type of employer such as an Academy.

LGPS	The Local Government Pension Scheme, a public sector pension arrangement put in place via Government Regulations, for workers in local government. These Regulations also dictate eligibility (particularly for Scheduled Bodies), members' contribution rates, benefit calculations and certain governance requirements. The LGPS is divided into 100 Funds which map the UK. Each LGPS Fund is autonomous to the extent not dictated by Regulations, e.g. regarding investment strategy, employer contributions and choice of advisers.
Maturity	A general term to describe a Fund (or an employer's position within a Fund) where the members are closer to retirement (or more of them already retired) and the investment time horizon is shorter. This has implications for investment strategy and, consequently, funding strategy.
Members	The individuals who have built up (and may still be building up) entitlement in the Fund. They are divided into actives (current employee members), deferreds (ex-employees who have not yet retired) and pensioners (ex-employees who have now retired, and dependants of deceased ex-employees).
Primary contribution rate	The employer contribution rate required to pay for ongoing accrual of active members' benefits (including an allowance for administrative expenses). See Appendix D for further details.
Profile	The profile of an employer's membership or liability reflects various measurements of that employer's members , ie current and former employees. This includes: the proportions which are active, deferred or pensioner; the average ages of each category; the varying salary or pension levels; the lengths of service of active members vs their salary levels, etc. A membership (or liability) profile might be measured for its maturity also.
Rates and Adjustments Certificate	A formal document required by the LGPS Regulations, which must be updated at the conclusion of the formal valuation . This is completed by the actuary and confirms the contributions to be paid by each employer (or pool of employers) in the Fund for the period until the next valuation is completed.
Scheduled Bodies	Types of employer explicitly defined in the LGPS Regulations, whose employees must be offered membership of their local LGPS Fund. These include Councils, colleges, universities, academies, police and fire authorities etc, other than employees who have entitlement to a different public sector pension scheme (e.g. teachers, police and fire officers, university lecturers).
Secondary contribution rate	The difference between the employer's actual and Primary contribution rates . See Appendix D for further details.
Stabilisation	Any method used to smooth out changes in employer contributions from one year to the next. This is very broadly required by the LGPS Regulations, but in practice is particularly employed for large stable employers in the Fund.
Valuation	A risk management exercise to review the Primary and Secondary contribution rates , and other statutory information for a Fund, and usually individual employers too.