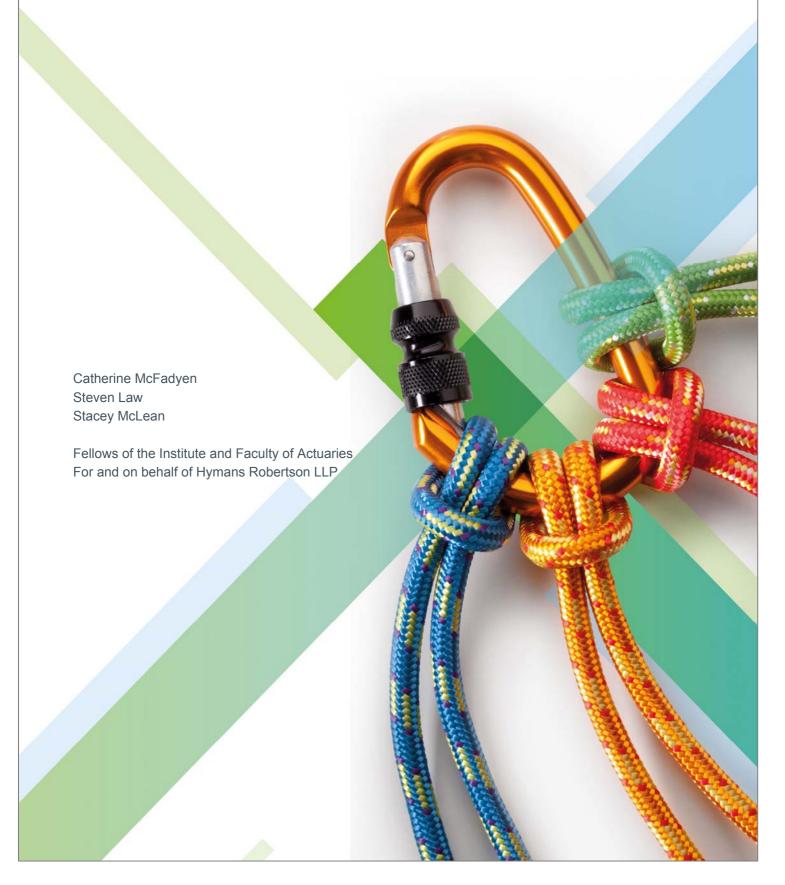
Strathclyde Pension Fund No 1 Fund 2017 Actuarial Valuation Report

March 2018





		Page
_		0
Exe	cutive summary	3
1	Introduction	4
2	Valuation Approach	5
3	Assumptions	7
4	Results	9
5	Risk Assessment	11
6	Related issues	14
7	Reliances and limitations	15
App	endix A: Risk based approach to setting contribution rates	17
App	endix B: Data	19
App	endix C: Assumptions	21
App	endix D: Technical appendix for contribution rate modelling	23
App	endix E: Events since valuation date	26
App	endix F: Rates and Adjustments Certificate	27





We have carried out an actuarial valuation of the Strathclyde Pension Fund No 1 Fund as at 31 March 2017. The results are presented in this report and are briefly summarised below.

Funding position

The table below summarises the funding position of the Fund as at 31 March 2014 and 31 March 2017:

	31 March 2014	31 March 2017
Past Service Position	(£m)	(£m)
Past Service Liabilities	14,788	18,761
Market Value of Assets	13,949	19,699
Surplus / (Deficit)	(839)	939
Funding Level	94%	105%

The funding level has improved due to positive membership experience and better than anticipated investment returns. These have been partially offset by a reduction in future expected investment returns. Further details are set out in **Section 5**.

Contribution rates

The table below summarises the whole fund Primary and Secondary Contribution rates at this triennial valuation:

Primary Rate (% of pay)	Secondary Rate (% of pay)				
1 April 2018 - 31 March 2021	2018/19	2020/21			
27.1%	-7.5%	-7.5%	-7.5%		

At the previous formal valuation at 31 March 2014, a different regulatory regime was in force. Therefore a contribution rate that is directly comparable to the above rates is not provided.

Average total employer contribution rates have remained broadly stable when compared to the 2014 valuation of the Fund. Primary contributions rates have generally increased due to a reduction in future expected investment returns. This has been offset by reduced secondary contributions as a result of improvements in funding levels. However, it should be noted that changes to contributions rates at employer level have been variable.

The minimum contributions to be paid by each employer from 1 April 2018 to 31 March 2021 are shown in the Rates and Adjustment Certificate in **Appendix F**.



Glasgow City Council ("the Administering Authority") has commissioned us to carry out a formal actuarial valuation of the Strathclyde Pension Fund No 1 Fund ("the Fund") as at 31 March 2017 to fulfil their obligations under Regulation 60 of The Local Government Pension Scheme (Scotland) Regulations 2014 ("the Regulations"). Therefore, the totality of our advice in relation to this formal valuation has been addressed to the Administering Authority and they are the only intended users of this advice. All reliances, limitations and caveats, including 3rd party exclusions are set out in Section 7 of this report.

The purpose of the actuarial valuation is to assess the value of the assets and liabilities of the Fund as at 31 March 2017 and to calculate the required rate of employers' contributions to the Fund for the period from 1 April 2018 to 31 March 2021. This report summarises the results of the valuation and the underlying advice provided to the Administering Authority throughout the valuation process.

The full breadth of our advice is contained in this report and the following correspondence:

- The 2017 valuation toolkit which set out the proposed valuation methodology;
- Correspondence relating to data including the Data Report dated 29 March 2018;
- The papers entitled No 1 Fund High Level Results report dated 24 October 2017 and 26 October 2017 which outlined the whole fund results and advice around the proposed valuation assumptions;
- The paper entitled 2017 Valuation Pay Growth Assumption;
- The Employer Results Summary, Employer Results Schedules and all corresponding emails which set out our recommended employer contribution rates, including a presentation to the Administering Authority on 30 November 2017;
- The Funding Strategy Statement, confirming the different contribution rate setting approaches for different types of employer or in different circumstances; and
- The Statement of Investment Principles, confirming the investment strategy which applies to employers; and
- 3DAnalytics (an online tool accessible to the Administering Authority).





The valuation is a planning exercise for the Fund, to assess the monies needed to meet the benefits (as set out in the Regulations) owed to members as they fall due. As part of the valuation process the Fund reviews its funding strategy to ensure that an appropriate contribution plan and investment strategy is in place.

It is important to realise that the actual cost of the pension fund (i.e. how much money it will ultimately have to pay out to members in the form of benefits) is unknown at the valuation date. This cost will not be known with certainty until the last benefit is paid to the last pensioner. The purpose of this valuation is to estimate what this cost will be, so that the Fund can then develop a funding strategy to meet it.

Setting the funding strategy for an open defined benefit pension fund such as the Strathclyde Pension Fund No 1 Fund is complex. Firstly, the time period is very long; benefits earned in the LGPS today will be paid out over a period of the next 80 years or more and it remains open to new joiners and accrual of benefits. Secondly, the LGPS remains a defined benefit scheme so there are significant uncertainties in the final timing and amounts of the payments to be made to members. Finally, in order to reduce employer costs, the Fund invests in a return seeking investment strategy which can result in asset volatility.

Such a valuation can only ever be an estimate as the future cannot be predicted with certainty. However, as actuaries, we can use our understanding of the Fund and the factors impacting it to set a funding plan in conjunction with the Administering Authority. The pace of this funding and the balance in funding between contributions from employers and investment return can vary according to the level of prudence that is built into the valuation method and assumptions.

The valuation approach adopted recognises the uncertainties and risks posed to funding by the factors discussed above and follows the process outlined below.

- Step 1: The Fund sets a funding target (or funding basis) which defines the target amount of assets to be held to meet the future cashflows. The assumptions underlying the funding target are discussed further in the next section. A measurement is made at the valuation date to compare the assets held with the funding target.
- Step 2: The Fund sets the time horizon over which the funding target is to be reached for each employer. This is typically the average future working lifetime of each employers' employees.
- Step 3: The Fund sets contributions for each employer that give a sufficiently high likelihood of meeting the funding target over the set time horizon for each employer. More detail on this risk based approach to setting contribution rates can be found in **Appendix A**.

For this valuation, as for the previous valuation, our calculations identify separately the expected cost of members' benefits in respect of scheme membership completed before the valuation date ("past service") and that which is expected to be completed after the valuation date ("future service").

Past service

The principal measurement here is the comparison of the funding position at the valuation date against the funding target. The market value of the Fund's assets as at the valuation date are compared against the value placed on the Fund's liabilities in today's terms (calculated using a market-based approach). Our calculation of the Fund's liabilities also explicitly allows for expected future pay and benefit increases. The assumptions used in the assessment of the funding position at the valuation date are detailed in the next section.

The funding level is the ratio of assets to liabilities at the valuation date. A funding level of less/more than 100% implies that there is a deficit/surplus in the Fund at the valuation date against the funding target.





Future service

In addition to benefits that have already been earned by members prior to the valuation date, employee members will continue to earn new benefits in the future. The cost of these new benefits must be met by both employers and employees. The employers' share of this cost is known as the "primary rate".

The primary rates for employers are determined with the aim of meeting the funding target in respect of these new benefits at the end of the set time horizon with an appropriate likelihood of success. The primary rate will depend on the profile of the membership (amongst other factors). For example, the rate is higher for older members as there is less time to earn investment returns before the member's pension comes into payment. Therefore, an employer closed to new members will have a higher rate as we must allow for the consequent gradual ageing of the workforce

For the reasons outlined above regarding the uncertainty of the future, there is no guarantee that the amount paid for the primary rate will be sufficient to meet the cost of the benefits that accrue. Similarly, there is no guarantee that the secondary contributions will result in a 100% funding level at the end of the time horizon. Further discussion of this uncertainty is set out in **Appendix A**.



3 Assumptions

Due to the long term nature of the Fund, assumptions about the future are required to place a value on the benefits earned to date and the cost of benefits that will be earned in the future. These assumptions broadly fall into two categories – financial and demographic.

Financial assumptions

Financial assumptions relate to the **size** of members' benefits. For example, how members' pensions will increase over time. In addition, the financial assumptions also help us to estimate how much members' benefits will cost the Fund in today's money by making an assumption about the return on the Fund's investments in future.

For measuring the funding level, the liabilities of the Fund are reported on a single set of financial assumptions about the future, based on financial market data as at 31 March 2017. However, when we assess the required employer contributions to meet the funding target, we use a model that calculates the contributions required under 5,000 different possible future economic scenarios. Under these economic scenarios, key financial assumptions about benefit increases and investment returns vary across a wide range. More information about these types of assumptions is set out in **Appendix C**.

Discount rate

In order to place a current value on the future benefit payments from the Fund, an assumption about future investment returns is required in order to "discount" future benefit payments back to the valuation date. The Fund has set the discount rate by modelling the expected returns on the Fund's assets based on the Fund's investment strategy.

The results of this modelling are set out in the paper No 1 Fund – High Level Results. Similar to previous valuations, the discount rate has been set such that there is around a 2/3rd's probability of the portfolio outperforming the discount rate over the future working lifetime of employee members. The discount rate is then been expressed as the return available on Government Bonds plus an Asset Outperformance Assumption. As a result of this modelling, the Asset Outperformance Assumption at this valuation has moved from 1.6% for preretirement liabilities and 1.2% for post-retirement liabilities to 2.0% and 1.6% respectively.

Price inflation / benefit increases

Benefit increases are awarded in line with the Consumer Prices Index (CPI). As there continues to be no deep market for CPI linked financial instruments, the Fund derives the expected level of future CPI with reference to the Retail Prices Index (RPI).

Similar to previous valuations, the assumption for RPI is derived as the difference between the yield on long dated fixed interest and index-linked government bonds. In line with recent experience and projections by the Bank of England, CPI is expected to be, on average, 1.0% lower than RPI over the long term (compared to 0.8% as at the 2014 valuation).

Salary increases

Due to the change to a CARE scheme from 2015, there is now a closed group of membership in the Fund with benefits linked to final salary. The run-off of this final salary linked liability was modelled, taking into account the short-term restrictions in public sector pay growth which were reported in the paper 2017 valuation – Pay growth assumption. Based on the results of this modelling the Fund set a salary growth assumption of RPI plus 0.2% (compared to 1.0% above RPI as at the 2014 valuation).

A summary of the financial assumptions underpinning the target funding basis and adopted during the assessment of the liabilities of the Fund as at 31 March 2017 (alongside those adopted at the last valuation for comparison) are shown below.

Financial assumptions	31 March 2014		31 Mar	ch 2017
Discount rate (p.a.)	Pre-retirement	Post-retirement	Pre-retirement	Post-retirement
Return on long-dated gilts	3.5%	3.5%	1.7%	1.7%
Asset Outperformance Assumption	1.6%	1.2%	2.0%	1.6%
Discount rate	5.1%	4.7%	3.7%	3.3%
Benefit increases (p.a.)				
Retail Prices Inflation (RPI)	3.5%		3.4%	
Assumed RPI/CPI gap	(0.8%)		(1.0%)	
Benefit increase assumption (CPI)	2.7%		2.4	1 %
Salary increases (p.a.)				
Retail Prices Inflation (RPI)	3.5%		3.4	1%
Increases in excess of RPI	1.0%		0.2	2%
Salary increase assumption	4.	5%	3.0	6%

Demographic assumptions

Demographic assumptions typically try to forecast **when** benefits will come into payment and what form these will take. For example, when members will retire (e.g. at their normal retirement age or earlier) and how long they will then survive. In this valuation of the Fund, we use a single agreed set of demographic assumptions.

Longevity

The main demographic assumption to which the valuation results are most sensitive is that relating to the longevity of the Fund's members. The longevity assumptions result in the following typical future life expectancies from age 65 (figures for 2014 are shown for comparison):

		31 March 2014	31 March 2017
Male			
	Pensioners	22.1 years	21.4 years
	Non-pensioners	24.8 years	23.4 years
Female			
	Pensioners	23.6 years	23.7 years
	Non-pensioners	26.2 years	25.8 years

Further details of the longevity assumptions adopted for this valuation can be found in **Appendix C**. Note that the figures for non-pensioners assume they are aged 45 at the valuation date.

Other demographic assumptions

We have a very large local authority data set from which to inform the other demographic assumptions. We have analysed the trends and patterns that are present in the membership of local authority funds and tailored the demographic assumptions to reflect LGPS experience. Details of the other demographic assumptions adopted by the Fund are set out in **Appendix C**.

Further comments on the assumptions

We are required to include a degree of prudence within the valuation. This has been achieved by explicitly allowing for a margin of prudence in the discount rate (i.e. a 2/3rd's probability the Fund's investment strategy will outperform the chosen discount rate versus a 50% chance). All other proposed assumptions represent the "best estimate" of future experience.

If the discount rate was chosen to be best estimate (i.e. to have a 50% probability the Fund's investment strategy will outperform the chosen discount rate), the pre and post retirement discount rate would be set around 5.5% p.a.





The Administering Authority has prepared a Funding Strategy Statement which sets out its funding objectives for the Fund. In broad terms, the main valuation objectives are to hold sufficient assets in the Fund to meet the assessed cost of members' accrued benefits on the target funding basis ("the Funding Objective") and to set employer contributions which ensure both the long term solvency and the long term cost efficiency of the Fund ("the Contribution Objective").

Funding Position Relative to Funding Target

In assessing the extent to which the Funding Objective was met at the valuation date, we have used the actuarial assumptions described in the previous section of this report for the target funding basis and the funding method also earlier described. The table below compares the value of the assets and liabilities at 31 March 2017. The 31 March 2014 results are also shown for reference.

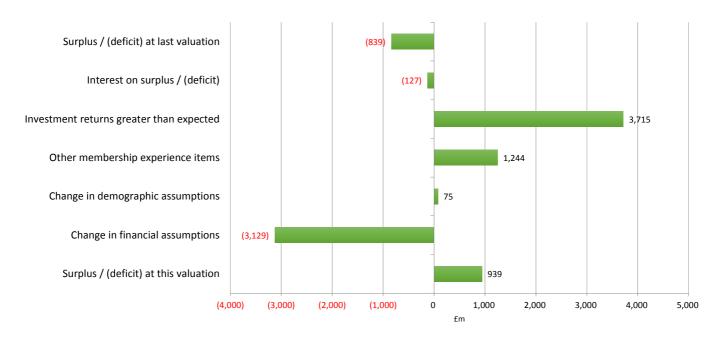
A funding level of 100% would correspond to the Funding Objective being met at the valuation date.

Valuation Date	31 March 2014	31 March 2017
Past Service Liabilities	(£m)	(£m)
Employees	6,920	9,057
Deferred Pensioners	1,569	2,233
Pensioners	6,299	7,470
Total Liabilities	14,788	18,761
Assets	13,949	19,699
Surplus / (Deficit)	(839)	939
Funding Level	94%	105%

The Funding Objective was exceeded: there was a surplus of assets relative to the assessed cost of members' benefits on the target funding basis of £939m.

Summary of changes to the funding position

The chart below illustrates the factors that caused the changes in the funding position between 31 March 2014 and 31 March 2017:





- There is an interest cost of £127m. This is broadly three years of compound interest at 4.8% p.a. applied to the previous valuation deficit of £839m (and can be thought of as the investment return that would have been achieved on the extra assets the Fund would have held if fully funded).
- Investment returns being higher than expected since 2014 lead to a gain of £3,715m. This is roughly the difference between the actual three-year return (42.6%) and expected three-year return (15.2%) applied to the whole fund assets from the previous valuation of £13,949m, with further allowances made for cashflows during the period.
- The impact of the change in demographic assumptions has been a gain of around £75m.
- The change in financial conditions and assumptions since the previous valuation has led to a loss of £3,129m. This is due to a decrease in the real discount rate between 2014 and 2017.
- Membership experience over the 3 years has led to a gain of £1,244m, mainly driven by lower than expected salary increases and benefit increases over the inter-valuation period.

Employer Contribution Rates

The Contribution Objective is achieved by setting employer contributions which are likely to be sufficient to meet both the cost of new benefits accruing and to address any funding surplus or deficit relative to the funding target over the agreed time horizon. A secondary objective is to maintain relatively stable employer contribution rates.

In order to meet the above objectives we have used the methodology set out in **Section 2** and **Appendix A** of this report as well as the Fund's Funding Strategy Statement to set employer contributions rates from 1 April 2018. These are set out in the Rates and Adjustments Certificate as set out in **Appendix F.**

The table below summarises the whole fund primary and secondary contribution rates at this valuation. The primary rate is the payroll weighted average of the underlying individual employer primary rates and the secondary rate is the total of the underlying individual employer secondary rates, calculated in accordance with the Regulations and CIPFA guidance.

Primary Rate (% of pay)	Secondary Rate (% of pay)				
1 April 2018 - 31 March 2021	2018/19	2019/20	2020/21		
27.1%	-7.5%	-7.5%	-7.5%		

The primary rate also includes an allowance of 0.2% of pensionable pay for the Fund's expenses.

The Fund's "Common Contribution Rate" as at 31 March 2014 was 19.3% of pay. However, it should be noted that the change in regulatory regime and guidance on contribution rates means that any direct comparison between the whole fund rate at 2017 and the 2014 Common Contribution Rate is not appropriate.





The valuation results depend critically on the actuarial assumptions that are made about the future of the Fund. If all of the assumptions made at this valuation were exactly borne out in practice then the results presented in this document would represent the true cost of the Fund as it currently stands at 31 March 2017.

However, no one can predict the future with certainty and it is unlikely that future experience will exactly match the assumptions. The future therefore presents a variety of risks to the Fund and these should be considered as part of the valuation process. In particular:

- The main risks to the financial health of the Fund should be **identified**.
- Where possible, the financial significance of these risks should be quantified.
- Consideration should be given as to how these risks can then be controlled or mitigated.
- These risks should then be monitored to assess whether any mitigation is actually working.

This section investigates the potential implications of the actuarial assumptions not being borne out in practice.

Set out below is a brief assessment of the main risks and their effect on the valuation past service funding position results.

Sensitivity of past service funding position results to changes in assumptions

The table below gives an indication of the sensitivity of the funding position to small changes in two of the main financial assumptions used:

		Benefit Inc	reases & C	ARE Revalu	ation
	(£m)	2.3%	2.4%	2.5%	
Se	0.1%	1,551	1,283	1,011	Surplus
Rate	557,5	109%	107%	105%	Funding Level
Discount Rates	Central discount	1,212	939	662	Surplus
	rates	107%	105%	103%	Funding Level
	-0.1%	866	588	306	Surplus
	5.170	105%	103%	102%	Funding Level

The valuation results are also very sensitive to unexpected changes in future longevity. All else being equal, if longevity improves in the future at a faster pace than allowed for in the valuation assumptions, the funding level will decline and the required employer contribution rates will increase.

The proposed valuation assumption assumes that in the longer term mortality rates will fall at a rate of 1.5% each year for males and 1.25% each year for females. The more prudent assumption shown in the table below for sensitivity analysis assumes that longer term mortality rates will fall at a rate of 1.5% each year for both males and females.

	1.5% / 1.25%	1.5%
	long term rates	long term rates
	(£m)	(£m)
Liabilities	18,761	18,814
Assets	19,699	19,699
Surplus	939	885
Funding Level	105%	105%



This is not an exhaustive list of the assumptions used in the valuation. For example, changes to the assumed level of withdrawals and ill health retirements will also have an effect on the valuation results.

Note that the tables show the effect of changes to each assumption in isolation. In reality, it is perfectly possible for the experience of the Fund to deviate from more than one of the assumptions simultaneously and so the precise effect on the funding position is therefore more complex. Furthermore, the range of assumptions shown here is by no means exhaustive and should not be considered as the limits of how extreme experience could actually be.

Sensitivity of contribution rates to changes in assumptions

The employer contribution rates are dependent on a number of factors including the membership profile, current financial conditions, the outlook for future financial conditions, and demographic trends such as longevity. Changes in each of these factors can have a material impact on the contribution rates (both primary and secondary rates). We have not sought to quantify the impact of differences in the assumptions because of the complex interactions between them.

Funding risks

Employers participating in the Fund are exposed to a number of risks. These include, but are not limited to:

- Market risks these include investment returns being less than anticipated or liabilities increasing more than
 expected due to changes in market conditions underlying the financial assumptions (e.g. inflation or pay
 increases above that assumed in **Section 3**).
- Demographic risks these include anything that affects the timing or type of benefits (e.g. members living longer than anticipated, fewer members opting into the 50/50 scheme, etc.). In particular, early retirement on ill-health grounds can result in significant funding strains.
- Regulatory risks changes in the Regulations could materially affect the benefits that members become
 entitled to. It is difficult to predict the nature of any such changes but it is not inconceivable that they could
 affect not just the cost of benefits earned after the change but could also have a retrospective effect on the
 past service position.
- Administration and Governance risks failures in administration processes can lead to incorrect actuarial
 calculations. For example, where membership data is not up to date (e.g. leaver forms not being submitted in
 a timely matter) material inaccuracies in respect of the level of deficit and contributions may occur at future
 valuations
- Resource and Environmental risks i.e. risks relating to potential resource constraints and environmental changes, and their impact on Fund employers and investments: such risks exist and may prove to be material. Given the lack of relevant quantitative information available specifically relevant to the Fund, we have not explicitly incorporated such risks in our advice on the 2017 valuation. The Administering Authority and the Employers may wish to seek direct advice on these risks.

Investment risk

The Fund holds some of its assets in return seeking assets such as equities to help reduce employers' costs. However, these types of investments can result in high levels of asset volatility. Therefore, there is a risk that future investment returns are below expectations and the funding target is not met. This will require additional contributions from employers to fund any deficit.

Whilst the Fund takes steps to ensure that the level of investment risk is managed and monitored via strategy reviews and performance monitoring, it can never be fully mitigated.



Whilst there are certain things, such as the performance of investment markets or the life expectancy of members, that are not directly within the control of the Administering Authority, that does not mean that nothing can be done to understand them further and to mitigate their effect. Although these risks are difficult (or impossible) to eliminate, steps can be taken to manage them.

Ways in which some of these risks can be managed could be:

- Set aside a specific reserve to act as a cushion against adverse future experience (possibly by selecting a set of actuarial assumptions that are deliberately more prudent);
- Take steps internally to monitor the decisions taken by members (e.g. 50:50 scheme take-up, commutation) and employers (e.g. relating to early / ill health retirements or salary increases) in a bid to curtail any adverse impact on the Fund;
- Grouping certain employers together at the valuation and then setting a single contribution rate that they will all pay. This can help to stabilise contribution rates (at the expense of some cross-subsidy between the employers in the group during the period between valuations);
- Carrying out a review of the future security of the Fund's employers (i.e. assessing the strength of employer covenants) and ultimately their ability to continue to pay contributions or make good future funding deficits;
- Carry out a bespoke analysis of the longevity of Fund members and monitor how this changes over time, so
 that the longevity assumptions at the valuation provide as close a fit as possible to the particular experience
 of the Fund;
- Undertake an asset-liability modelling exercise that investigates the effect on the Fund of possible investment scenarios that may arise in the future. An assessment can then be made as to whether long term, secure employers in the Fund can stabilise their future contribution rates (thus introducing more certainty into their future budgets) without jeopardising the long-term health of the Fund;
- Purchasing ill health liability insurance to mitigate the risk of an ill health retirement impacting on solvency and funding level of an individual employer where appropriate;
- Monitoring different employer characteristics in order to build up a picture of the risks posed. Examples include membership movements, cash flow positions and employer events such as cessations; and
- Regularly reviewing the Fund's membership data to ensure it is complete, up to date and accurate.





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

- the Funding Strategy Statement, which in particular highlights how different types of employer in different circumstances have their contributions calculated;
- the Statement of Investment Principles (e.g. the discount rate must be consistent with the Fund's asset strategy);
- the general governance of the Fund, such as meetings of the Pensions Committee, decisions delegated to officers, the Fund's business plan, etc;
- the Fund's risk register; and
- the information the Fund holds about the participating employers.

Further recommendations

Valuation frequency

Under the provisions of the LGPS regulations, the next formal valuation of the Fund is due to be carried out as at 31 March 2020. In light of the uncertainty of future financial conditions, we recommend that the financial position of the Fund (and for individual employers in some cases) is monitored by means of interim funding reviews. This will give early warning of changes to funding positions and possible revisions to funding plans.

Investment strategy and risk management

We recommend that the Administering Authority continues to regularly review its investment strategy and ongoing risk management programme.

New employers joining the Fund

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

Additional payments

Employers may make voluntary additional contributions to recover any funding shortfall over a shorter period, subject to agreement with the Administering Authority and after receiving relevant actuarial advice.

Further sums should be paid to the Fund by employers to meet the capital costs of any unreduced early retirements, reduced early retirements before age 60 and/or augmentation (i.e. additional membership or additional pension) using the methods and factors issued by me from time to time or as otherwise agreed.

In addition, payments may be required to be made to the Fund by employers to meet the capital costs of any ill-health retirements that exceed those allowed for within the assumptions.

Cessations and bulk transfers

Any employer who ceases to participate in the Fund should be referred to us in accordance with Regulation 62 of the Regulations.

Any bulk movement of scheme members:

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

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





7 Reliances and limitations

Third parties

This report has been prepared for the sole use of Glasgow City Council in its role as Administering Authority of the Fund and not for any other party. Hymans Robertson LLP makes no representation or warranties to any third party as to the accuracy or completeness of this report. This report will therefore not address the particular interests or concerns of any such third party.

As this report has not been prepared for a third party, no reliance by any third party will be placed on it. It follows that there is no duty or liability by Hymans Robertson LLP (or its members, partners, officers, employees and agents) to any party other than Glasgow City Council. Hymans Robertson LLP therefore disclaims all liability and responsibility arising from any reliance on or use of this report by any person having access to this report or by anyone who may be informed of the contents of the Report.

Hymans Robertson LLP is the owner of all intellectual property rights in this report and the report is protected by copyright laws and treaties around the world. All rights are reserved.

The Report must not be used for any commercial purposes unless Hymans Robertson LLP agrees in advance.

Component reports

As set out in **Section 1** and **Section 6**, the totality of our advice pertaining to the valuation is set out over a number of component reports and complies with the various professional and regulatory requirements related to public sector actuarial valuations in Scotland. The reliances, limitations and caveats within this report and each component report apply equally across the totality of our advice.

Model limitations

The models used to calculate the liabilities and contribution rates make some necessary simplifying assumptions. We do not consider these simplifications to be material and are satisfied that they are appropriate for the purposes described in this report.

Limited purpose

This document has been prepared to fulfil the statutory obligations of the Administering Authority to carry out a formal actuarial valuation. None of the figures should be used for accounting purposes (e.g. under FRS102 or IAS19) or for any other purpose (e.g. a termination valuation under Regulation 62).

Reliance on data

The results of the valuation are dependent on the quality of the data provided to us by the Administering Authority for the specific purpose of this valuation. We have previously issued a separate report confirming that the data provided is fit for the purposes of this valuation and have commented on the quality of the data provided. The data used in our calculations is as per our report of 29 March 2018.

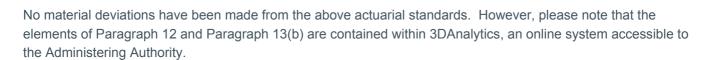
Actuarial standards

The following Technical Actuarial Standards¹ are applicable in relation to this report and have been complied with:

- TAS 100 Principles for technical actuarial work;
- TAS 300 Pensions.

¹ Technical Actuarial Standards (TASs) are issued by the Financial Reporting Council (FRC) and set standards for certain items of actuarial work, including the information and advice contained in this report.

Stacey McLean



Compliance statement

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

Catherine McFadyen

Catherine McFadyen Steven Law

Fellows of the Institute and Faculty of Actuaries

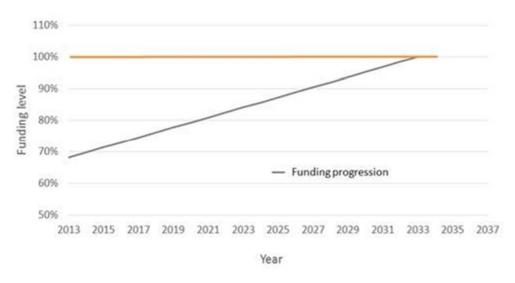
For and on behalf of Hymans Robertson LLP

29 March 2018

HYMANS # ROBERTSON

Appendix A: Risk based approach to setting contribution rates

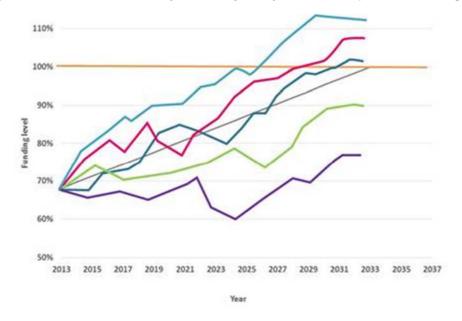
Old fashioned actuarial methods involve setting employer contribution rates based on a single set of assumptions about future economic conditions (a 'deterministic' method). By using this deterministic method, there is an implicit assumption that the future will follow expectations (i.e. the financial assumptions used in the calculation) and the employer will return to full funding via one 'journey'. This approach is summarised in the illustrative chart below.



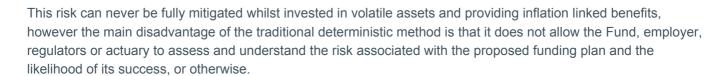
However, pension funding is uncertain as:

- the Fund's assets are invested in volatile financial markets and therefore they go up and down in value; and
- the pension benefits are linked to inflation which again can go up and down in value over time.

One single set of assumptions are very unlikely to actually match what happens, and therefore, the funding plan originally set out will not evolve in line with the single journey shown above. The actual evolution of the funding position could be one of many different 'journeys', and a sample of these are given below.



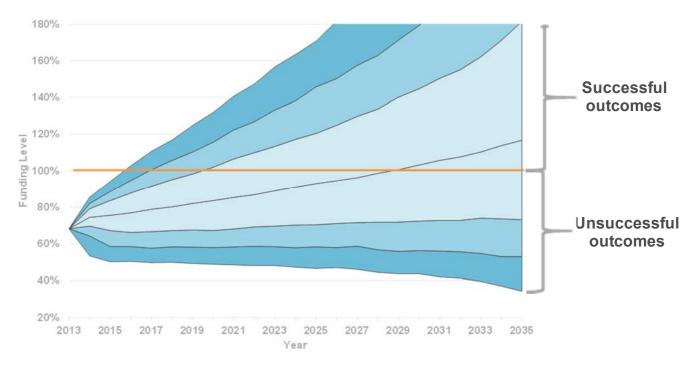
The inherent uncertainty in pension funding creates a risk that a funding plan will not be a success i.e. the funding target will not be reached over the agreed time horizon.



Risk Based Approach

Therefore, the Fund uses a 'risk based' approach when setting contribution rates. This approach considers thousands of simulations (or 'journeys') of how each employer's assets and liabilities may evolve over the future until we have a distribution of funding outcomes (ratio of assets to liabilities). Each simulation represents a different possible journey of how the assets and liabilities could evolve and they will vary due to assumptions about investment returns, inflation and other financial factors. Further technical detail about the methodology underlying these projections is set out in **Appendix D**.

Once we have a sufficient number of outcomes to form a statistically credible distribution (we use 5,000 outcomes), we can examine what level of contribution rate gives an appropriate likelihood of meeting an employer's funding target (usually a 100% funding level) within the agreed timeframe ('time horizon') (i.e. a sufficient number of successful outcomes). The picture below shows a sample distribution of outcomes for an employer.



Having this 'funnel' of outcomes allows the Fund to understand the likelihood of the actual outcome being higher or lower than a certain level. For example, there is $2/3^{rd}$'s chance the funding level will be somewhere within the light shaded area, and there is a 1 in 100 chance that the funding level will be outside the funnel altogether. Using this 'probability distribution', we then set a contribution rate that leads to a certain amount of funding outcomes being successful (e.g. $2/3^{rd}$'s).

Further detail on the likelihoods and time horizons used in employer funding plans are set out in the Fund's Funding Strategy Statement.





This section contains a summary of the membership, investment and accounting data provided by the Administering Authority for the purposes of this valuation (the corresponding membership and investment data from the previous valuation is also shown for reference). For further details of the data, and the checks and amendments performed in the course of this valuation, please refer to the separate data report.

Membership data - whole fund

Employee members

	31 March 2014		31 Ma	rch 2017	
	Number	Number Pensionable Pay*		Pensionable Pay*	CARE Pot
		(£000)		(£000)	(£000)
Total employee membership	87,233	1,772,934	93,481	1,924,038	73,429

^{*}actual pay (not full-time equivalent)

Deferred pensioners

	31 March 2014		31 Ma	rch 2017
	Number Deferred pension		Number	Deferred pension
	(£000)			(£000)
Total deferred membership	46,383 87,301		55,848	102,072

The figures above also include any "frozen refunds" and "undecided leavers" members at the valuation date.

Current pensioners, spouses and children

	31 March 2014		31 Ma	rch 2017
	Number	Pension (£000)	Number	Pension (£000)
Members	57,461	348,676	61,536	378,198
Dependants	11,657	33,154	11,745	35,211
Children	546	1,002	521	1,045
Total pensioner members	69,664	382,832	73,802	414,454

Note that the membership numbers in the table above refer to the number of records provided to us and so will include an element of double-counting in respect of any members who are in receipt (or potentially in receipt of) more than one benefit.

Membership Profile	Average A	Age (years)	FWL (years)		
	2014	2017	2014	2017	
Employees (CARE)	-	48.6	12	14	
Employees (Final Salary)	50.4	51.0	12	14	
Deferred Pensioners	50.3	50.7	-	-	
Pensioners	65.2	66.1	-	-	

The average ages are weighted by liability.

The expected future working lifetime (FWL) indicates the anticipated length of time that the average employee member will remain as a contributor to the Fund. Note that it allows for the possibility of members leaving, retiring early or dying before retirement.





A summary of the Fund's assets provided by the Administering Authority (excluding members' money-purchase Additional Voluntary Contributions) as at 31 March 2017 and 31 March 2014 is as follows:

Asset class	31 March 2014 (Market Value)	Allocation	31 March 2017 (Market Value)	Allocation
	(000£)	%	(£000)	%
Equities (including convertible shares)	5,065,466	36%	6,908,995	35%
Index linked securities	53	0%	171	0%
Pooled Investment vechicles	5,901,604	42%	7,714,332	39%
Private Equity - Infrastructure	1,374,670	10%	2,303,118	12%
Derivative contracts	5,103	0%	280,304	1%
Property	1,020,995	7%	1,673,011	8%
Cash and net current assets	577,084	4%	819,453	4%
Total	13,944,975	100%	19,699,384	100%

Please note, the asset split above as at 31 March 2014 differs from the asset information in the 2014 formal valuation report as at this date. The split above reflects the restated asset split for the year ending 31 March 2014 in the 2014/15 annual accounts for the Fund.

Accounting data - revenue account for the three years to 31 March 2017

Consolidated accounts (£000)	Year to					
	31 March 2015	30 March 2016	31 March 2017	Total		
ncome						
Employer - normal contributions	373,129	391,445	398,279	1,162,853		
Employer - additional contributions	0	0	0	0		
Employer - early retirement and augmentation strain contributions	0	0	0	0		
Employee - normal contributions	113,041	116,760	122,077	351,878		
Employee - additional contributions	0	0	0	0		
Fransfers In Received (including group and individual)	5,866	3,796	5,320	14,982		
Other Income	841	553	547	1,941		
Total Income	492,877	512,554	526,223	1,531,654		
Expenditure						
Gross Retirement Pensions	388,953	396,791	411,007	1,196,751		
Lump Sum Retirement Benefits	98,845	104,098	120,882	323,825		
Death in Service Lump sum	24,391	21,890	25,449	71,730		
Death in Deferment Lump Sum	0	0	0	0		
Death in Retirement Lump Sum	0	0	0	0		
Gross Refund of Contributions	0	0	0	0		
Transfers out (including bulk and individual)	0	0	0	0		
Fees and Expenses	4,870	4,904	4,309	14,083		
Total Expenditure	517,059	527,683	561,647	1,606,389		
Net Cashflow	-24,182	-15,129	-35,424	-74,735		
	,		·	,		
Assets at start of year	13,944,975	15,758,296	16,058,521	13,944,975		
Net cashflow	-24,182	-15,129	-35,424	-74,735		
Change in value	1,837,503	315,354	3,676,287	5,829,144		
Assets at end of year	15,758,296	16,058,521	19,699,384	19,699,384		

Note that the figures above are based on the Fund accounts provided to us for the purposes of this valuation, which were fully audited at the time of the valuation calculations.





Financial assumptions

Financial assumptions	31 March 2014 (% p.a.)	31 March 2017 (% p.a.)
Discount rate		
Pre-retirement	5.1%	3.7%
Post-retirement	4.7%	3.3%
Price inflation	2.7%	2.4%
Pay increases*	4.5%	3.6%
Pension increases:		
pension in excess of GMP	2.7%	2.4%
post-88 GMP	2.7%	2.4%
pre-88 GMP	0.0%	0.0%
Revaluation of deferred pension	2.7%	2.4%
Revaluation of accrued CARE pension	2.7%	2.4%
Expenses	0.2%	0.2%

^{*}An allowance is made for promotional pay increases in addition to this (see table below).

Mortality assumptions

As the fund is a member of Club Vita, the baseline longevity assumptions are a bespoke set of Vita Curves that are tailored to fit the membership profile of the Fund. These curves are based on the data the Fund has provided us with for the purposes of this valuation. Full details of these are available on request.

We have also allowed for future improvements in mortality based on the CMI 2016 model with an allowance for smoothing of recent mortality experience and a long term rate of improvement of 1.25% p.a. for women and 1.5% p.a. for men.

Other demographic valuation assumptions

Retirements in normal health	We have adopted the retirement age pattern assumption as	

specified by the Scheme Advisory Board in England & Wales for preparing their Key Performance Indicators. Further details

about this assumption are available on request.

Retirements in ill health Allowance has been made for ill-health retirements before

Normal Pension Age (see table below).

Withdrawals Allowance has been made for withdrawals from service (see

table below).

Family details A varying proportion of members are assumed to be married (or

have an adult dependant) at retirement or on earlier death. For example, at age 60 this is assumed to be 90% for males and 85% for females. Husbands are assumed to be 3 years older

than wives.





Commutation 50% of future retirements elect to exchange pension for

additional tax free cash up to HMRC limits for service to 1 April

2009 (equivalent 75% for service from 1 April 2009).

50:50 option 1.0% of members (uniformly distributed across the age, service

and salary range) will choose the 50:50 option.

The tables below show details of the assumptions actually used for specimen ages. The promotional pay scale is an annual average for all employees at each age. It is in addition to the allowance for general pay inflation described above. For membership movements, the percentages represent the probability that an individual at each age leaves service within the following twelve months. The abbreviations FT and PT refer to full-time and part-time respectively.

Males

			Incidence per 1000 active members per annum								
Age	Salary Scale	Death Before Withdrawals Retireme nt		Withdrawals		ealth er 1		ealth er 2			
		FT & PT	FT	PT	FT	PT	FT	PT			
20	105	0.27	96.58	223.33	0.00	0.00	0.00	0.00			
25	117	0.27	63.79	147.52	0.15	0.02	0.13	0.02			
30	131	0.32	45.25	104.64	0.28	0.04	0.23	0.03			
35	144	0.38	35.35	81.74	0.55	0.18	0.46	0.15			
40	150	0.64	28.44	65.77	0.83	0.30	0.69	0.24			
45	157	1.07	23.28	53.82	1.32	0.59	1.09	0.49			
50	162	1.72	18.03	41.69	2.48	1.38	2.59	1.45			
55	162	2.68	17.32	40.05	7.77	5.17	4.67	3.11			
60	162	4.83	15.43	35.67	13.21	9.05	3.87	2.65			
65	162	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Females

		Incidence per 1000 active members pe					r annum			
Age	Salary Scale	Death Before Retireme nt	Withdrawals		Before Withdrawals			ealth er 1		ealth er 2
		FT & PT	FT	PT	FT	PT	FT	PT		
20	105	0.14	76.49	129.80	0.00	0.00	0.00	0.00		
25	117	0.14	51.45	87.32	0.19	0.16	0.15	0.13		
30	131	0.21	43.12	73.18	0.25	0.21	0.21	0.18		
35	144	0.34	37.19	63.11	0.48	0.40	0.40	0.33		
40	150	0.55	30.93	52.49	0.72	0.60	0.60	0.50		
45	157	0.89	25.46	43.21	0.96	0.80	0.79	0.66		
50	162	1.30	19.40	32.93	1.76	1.44	1.84	1.51		
55	162	1.71	18.15	30.80	6.43	5.22	3.87	3.14		
60	162	2.19	14.59	24.76	13.55	10.94	3.97	3.20		
65	162	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

HYMANS # ROBERTSON



In order to assess the likelihood of any employer's section of the Fund achieving full funding, we have carried out stochastic asset liability modelling (ALM) that takes into account the main characteristics and features of each employer's share of the Fund's assets and liabilities. For the main employer group, a full ALM, known as comPASS has been used. For other employers or groups of employers, a simplified ALM, known as TARGET has been used.

The following sections provide more detail on the background to the modelling.

Cash flows

In projecting forward the evolution of each employer's (or group of employer's) section of the Fund, we have used anticipated future benefit cashflows. These cashflows have been generated using the membership data provided for the formal valuation as at 31 March 2017, the demographic and financial assumptions used for the valuation and make an allowance for future new joiners to the Fund (if any employer or group of employers is/are open to new entrants).

For comPASS we have estimated future service benefit cash flows and projected salary roll for new entrants (where appropriate) after the valuation date such that payroll remains constant in real terms (i.e. full replacement) unless otherwise stated. There is a distribution of new entrants introduced at ages between 25 and 65, and the average age of the new entrants is assumed to be 40 years. All new entrants are assumed to join and then leave service at their state pension age, which is a much simplified set of assumptions compared with the modelling of existing members. The base mortality table used for the new entrants is an average of mortality across the LGPS and is not specific to the Fund, which is another simplification compared to the modelling of existing members. TARGET uses a similar but simplified approach to generating new entrants. Nonetheless, we believe that these assumptions are reasonable for the purposes of the modelling given the highly significant uncertainty associated with the level of new entrants.

We do not allow for any variation in actual experience away from the demographic assumptions underlying the cashflows. Variations in demographic assumptions (and experience relative to those assumptions) can result in significant changes to the funding level and contribution rates. We allow for variations in inflation expectations (RPI or CPI as appropriate), interest rates, yield curves and asset class returns. Cashflows into and out of each employer or group of employers are projected forward in annual increments and are assumed to occur in the middle of each financial year (April to March). Investment strategies are assumed to be rebalanced annually.

Asset liability model (comPASS)

These cashflows, and the employer's assets, are projected forward using stochastic projections of asset returns and economic factors such as inflation and bond yields. These projections are provided by the Economic Scenario Service (ESS), our (proprietary) stochastic asset model, which is discussed in more detail below.

In the modelling we have assumed that the Fund will undergo valuations every three years and a contribution rate will be set that will come into force one year after the simulated valuation date. For 'stabilised' contributions, the rate at which the contribution changes is capped and floored. There is no guarantee that such capping or flooring will be appropriate in future; this assumption has been made so as to illustrate the likely impact of practical steps that may be taken to limit changes in contribution rates over time.

Unless stated otherwise, we have assumed that all contributions are made and not varied throughout the period of projection irrespective of the funding position. In practice the contributions are likely to vary especially if the funding level changes significantly.

Investment strategy is also likely to change with significant changes in funding level, but we have not considered the impact of this.



In allowing for the simulated economic scenarios, we have used suitable approximations for updating the projected cashflows. The nature of the approximations is such that the major financial and investment risks can be broadly quantified. However, a more detailed analysis would be required to understand fully the implications and appropriate implementation of a very low risk or 'cash flow matched' investment strategy.

We would emphasise that the returns that could be achieved by investing in any of the asset classes will depend on the exact timing of any investment/disinvestment. In addition, there will be costs associated with buying or selling these assets. The model implicitly assumes that all returns are net of costs and that investment/disinvestment and rebalancing are achieved without market impact and without any attempt to 'time' entry or exit.

Asset liability model (TARGET)

TARGET uses a similar, but simplified, modelling approach to that used for comPASS.

Contribution rates are inputs to the model and are assumed not to vary throughout the period of projection, with no valuation every three years or setting of 'stabilised' contribution rates.

In allowing for the simulated economic scenarios, we have used more approximate methods for updating the projected cash flows. The nature of the approximations is such that the major financial and investment risks can be broadly quantified.

When projecting forward the assets, we have modelled a proxy for the Fund's investment strategy by simplifying their current benchmark into growth (UK equity) and non-growth (index-linked gilts) allocations, and then adjusting the volatility of the resultant portfolio results to approximately reflect the diversification benefit of the Fund's investment strategy.

Economic Scenario Service

The distributions of outcomes depend significantly on the Economic Scenario Service (ESS), our (proprietary) stochastic asset model. This type of model is known as an economic scenario generator and uses probability distributions to project a range of possible outcomes for the future behaviour of asset returns and economic variables. Some of the parameters of the model are dependent on the current state of financial markets and are updated each month (for example, the current level of equity market volatility) while other more subjective parameters do not change with different calibrations of the model.

Key subjective assumptions are the average excess equity return over the risk free asset (tending to approximately 3% p.a. as the investment horizon is increased), the volatility of equity returns (approximately 18% p.a. over the long term) and the level and volatility of yields, credit spreads, inflation and expected (breakeven) inflation, which affect the projected value placed on the liabilities and bond returns. The market for CPI linked instruments is not well developed and our model for expected CPI in particular may be subject to additional model uncertainty as a consequence. The output of the model is also affected by other more subtle effects, such as the correlations between economic and financial variables.

The expectation (i.e. the average outcome) is that long term real interest rates will gradually rise from their current low levels. Higher long-term yields in the future will mean a lower value placed on liabilities and therefore the median projection will show, all other things being equal, an improvement in the current funding position (because of the mismatch between assets and liabilities). The mean reversion in yields also affects expected bond returns.

While the model allows for the possibility of scenarios that would be extreme by historical standards, including very significant downturns in equity markets, large systemic and structural dislocations are not captured by the model. Such events are unknowable in effect, magnitude and nature, meaning that the most extreme possibilities are not necessarily captured within the distributions of results.





The following figures have been calculated using 5,000 simulations of the Economic Scenario Service, calibrated using market data as at 31 March 2017. All returns are shown net of fees. Percentiles refer to percentiles of the 5,000 simulations and are the annualised total returns over 5, 10 and 20 years, except for the yields which refer to the (simulated) yields in force at that time horizon. Only a subset of the asset classes are shown below.

				Annualised total returns								
			Cash	Index Linked Gilts (medium dated)	Fixed Interest Gilts (medium dated)	Corporate Bonds (medium dated)	UK Equity	Overseas Equity	Property	Inflation	17 year real yield	17 year yield
	.s	16th %'ile	-0.7%	-2.5%	-3.1%	-2.9%	-4.5%	-6.4%	-4.3%	1.5%	-2.3%	1.1%
2	years	50th %'ile	0.4%	0.3%	0.1%	0.5%	3.6%	3.4%	1.4%	2.9%	-1.4%	2.4%
	Š	84th %'ile	1.7%	3.0%	3.2%	3.9%	12.4%	13.7%	8.0%	4.4%	-0.5%	4.0%
	Ś	16th %'ile	-0.2%	-1.6%	-1.1%	-0.7%	-1.4%	-2.7%	-2.2%	1.7%	-1.9%	1.4%
9	years	50th %'ile	1.3%	0.1%	0.4%	1.0%	4.6%	4.3%	2.4%	3.0%	-0.7%	3.0%
	×	84th %'ile	3.1%	2.0%	2.0%	2.7%	10.9%	11.8%	7.3%	4.6%	0.5%	5.1%
	S	16th %'ile	0.7%	-0.9%	0.4%	0.9%	1.3%	0.1%	0.0%	1.9%	-0.8%	2.1%
20	years	50th %'ile	2.5%	0.5%	1.3%	2.1%	5.9%	5.5%	3.7%	3.1%	0.8%	4.0%
	Š	84th %'ile	4.6%	2.1%	2.3%	3.3%	10.6%	11.2%	7.6%	4.6%	2.3%	6.3%
		Volatility (Disp) (1 yr)	0.5%	7%	10%	10%	16%	18%	14%	1.4%		

The current calibration of the model indicates that a period of outward yield movement is expected. For example, over the next 20 years our model expects the 17 year maturity annualised real (nominal) interest rate to rise from - 1.7% (1.7%) to 0.8% (4.0%).



Post-valuation events

These valuation results are in effect a snapshot of the Fund as at 31 March 2017. Since that date, various events have had an effect on the financial position of the Fund. Whilst we have not explicitly altered the valuation results to allow for these events, a short discussion of these "post-valuation events" can still be beneficial in understanding the variability of pension funding.

De-risking

We understand the Fund has undergone a de-risking exercise to reduce its exposure to equity (or equity-like) investments. While this change has no immediate impact on the Fund's financial position, this will likely reduce the volatility of the funding level over time.

Market conditions

Market conditions have remained stable over the year since the valuation. Therefore, the funding level and surplus of the Fund are largely unchanged.

It should be noted that the above is for information only: the figures in this report have all been prepared using membership data, audited asset information and market-based assumptions all as at 31 March 2017. In particular, we do not propose amending any of the contribution rates listed in the Rates and Adjustments Certificate on the basis of these market changes.



In accordance with regulation 60(4) of the Regulations we have made an assessment of the contributions that should be paid into the Fund by participating employers for the period 1 April 2018 to 31 March 2021 in order to maintain the solvency of the Fund.

The method and assumptions used to calculate the contributions set out in the Rates and Adjustments certificate are detailed in the latest Funding Strategy Statement dated and our report on the actuarial valuation dated 29 March 2018.

Regulation 60(8) requires a statement of the assumptions on which the certificate is given regarding the number of members who will become entitled to payment of pensions and the associated liabilities arising in respect of these members during the period covered by this certificate. These assumptions can be found in Appendix C of the 31 March 2017 formal valuation report dated 29 March 2018. These assumptions cover members who become entitled to payment of pension via normal retirement and ill health retirement. Further members will become entitled due to involuntary early retirement (for redundancy and efficiency reasons) for which no allowance has been made.

The required minimum employer contribution rates are set out below.

		Minimum Contributions for the Year Ending								
		Primary Rate Secondary Rate Total Contribution Rate								
Employer code	Employer/Group name	(%) 1 April 2018 - 31 March 2021								
			2018/2019	2019/2020	2020/2021	2018/2019	2019/2020	2020/2021		
	Scheduled Bodies with Tax Raising Powers	_								
901	Argyll & Bute Council	27.7%	-8.4%	-8.4%	-8.4%	19.3%	19.3%	19.3%		
902	East Ayrshire Council	27.3%	-8.0%	-8.0%	-8.0%	19.3%	19.3%	19.3%		
903	North Ayrshire Council	27.3%	-8.0%	-8.0%	-8.0%	19.3%	19.3%	19.3%		
904	South Ayrshire Council	27.5%	-8.2%	-8.2%	-8.2%	19.3%	19.3%	19.3%		
905	West Dunbartonshire Council	27.3%	-8.0%	-8.0%	-8.0%	19.3%	19.3%	19.3%		
906	East Dunbartonshire Council	27.1%	-7.8%	-7.8%	-7.8%	19.3%	19.3%	19.3%		
907	Glasgow City Council	27.5%	-8.2%	-8.2%	-8.2%	19.3%	19.3%	19.3%		
908	North Lanarkshire Council	29.0%	-9.7%	-9.7%	-9.7%	19.3%	19.3%	19.3%		
909	South Lanarkshire Council	27.5%	-8.2%	-8.2%	-8.2%	19.3%	19.3%	19.3%		
910	East Renfrewshire Council	27.6%	-8.3%	-8.3%	-8.3%	19.3%	19.3%	19.3%		
911	Renfrewshire Council	26.2%	-6.9%	-6.9%	-6.9%	19.3%	19.3%	19.3%		
912	Inverclyde Council	29.0%	-9.7%	-9.7%	-9.7%	19.3%	19.3%	19.3%		
	Colleges and Scheduled Bodies without Tax Raising Powers									
58	South Lanarkshire College	25.1%	-5.8%	-5.8%	-5.8%	19.3%	19.3%	19.3%		
59	Glasgow Clyde College	26.4%	-7.1%	-7.1%	-7.1%	19.3%	19.3%	19.3%		
65	Glasgow Kelvin College	26.0%	-6.7%	-6.7%	-6.7%	19.3%	19.3%	19.3%		
116	Visit Scotland (Glasgow)	34.8%	-5.8%	-5.8%	-5.8%	29.0%	29.0%	29.0%		
165	Argyll College	29.4%	-7.8%	-7.8%	-7.8%	21.6%	21.6%	21.6%		
239	New College Lanarkshire	26.0%	-6.7%	-6.7%	-6.7%	19.3%	19.3%	19.3%		
303	City of Glasgow College	25.3%	-6.0%	-6.0%	-6.0%	19.3%	19.3%	19.3%		
511	West College Scotland	27.4%	-8.1%	-8.1%	-8.1%	19.3%	19.3%	19.3%		
612	Ayrshire College	25.6%	-6.3%	-6.3%	-6.3%	19.3%	19.3%	19.3%		
801	Strathclyde Partnership for Transport	27.2%	-7.9%	-7.9%	-7.9%	19.3%	19.3%	19.3%		
913	Scottish Water	25.9%	-6.6%	-6.6%	-6.6%	19.3%	19.3%	19.3%		
011	Police Service of Scotland	27.9%	-8.6%	-8.6%	-8.6%	19.3%	19.3%	19.3%		
915	Scottish Fire & Rescue Service	26.4%	-7.1%	-7.1%	-7.1%	19.3%	19.3%	19.3%		
917	Ayrshire Valuation Joint Board	31.0%	-11.7%	-11.7%	-11.7%	19.3%	19.3%	19.3%		
918	Dunbartonshire & Argyll & Bute Valuation Joint Board	29.4%	-6.1%	-6.1%	-6.1%	23.3%	23.3%	23.3%		
919	Lanarkshire Valuation Joint Board	27.5%	-8.2%	-8.2%	-8.2%	19.3%	19.3%	19.3%		
920	Renfrewshire Valuation Joint Board	27.8%	£20,000	£20,000	£20,000	27.8% plus £20,000	27.8% plus £20,000	27.8% plus £2		
921	Scottish Police Authority	22.9%	-3.6%	-3.6%	-3.6%	19.3%	19.3%	19.3%		
	Transferee Admission Bodies									
261	Kings Theatre Glasgow Ltd	36.3%	£22,000	£22,000	£22,000	36.3% plus £22,000	36.3% plus £22,000	36.3% plus £2		
306	Cofely Workplace Limited	38.4%	-8.9% plus £75,000	-8.9% plus £75,000		29.5% plus £75,000	29.5% plus £75,000	29.5% plus £7		
307	Amey BPO Services Ltd (Renfrewshire Council)	36.1%	-12.0%	-12.0%	-12.0%	24.1%	24.1%	24.1%		
313	Mitie PFI Ltd (Argyll & Bute Council)	32.0%	-9.2% plus £23,000	-9.2% plus £23,000		22.8% plus £23,000	22.8% plus £23,000	22.8% plus £2		
314	Scottish Water Business Stream Ltd	21.6%	-2.3% -8.5%	-2.3%	-2.3%	19.3%	19.3%	19.3%		
319				-8.5%	-8.5%	26.8%	26.8%	26.8%		
	BAM Construct UK Ltd (East Renfrewshire Council)	35.3%				19.3%				
320	City Parking (Glasgow) LLP	29.8%	-10.5%	-10.5%	-10.5%		19.3%	19.3%		
326	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council)	29.8% 39.1%	-10.5% -8.9%	-10.5% -8.9%	-8.9%	30.2%	30.2%	30.2%		
326 327	City Parking (Glasgow) LLP Mitie PFl Ltd (South Ayrshire Council) Mitie PFl Ltd (East Ayrshire Council)	29.8% 39.1% 35.5%	-10.5% -8.9% -2.3%	-10.5% -8.9% -2.3%	-8.9% -2.3%	30.2% 33.2%	30.2% 33.2%	30.2% 33.2%		
326 327 329	City Parking (Glasgow) LLP Mitle PFI Ltd (South Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (North Ayrshire Council)	29.8% 39.1% 35.5% 36.0%	-10.5% -8.9% -2.3% £1,000	-10.5% -8.9% -2.3% £1,000	-8.9% -2.3% £1,000	30.2% 33.2% 36.0% plus £1,000	30.2% 33.2% 36.0% plus £1,000	30.2% 33.2% 36.0% plus £		
326 327 329 330	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Morth Ayrshire Council) Service Glasgow LLP	29.8% 39.1% 35.5% 36.0% 29.3%	-10.5% -8.9% -2.3% £1,000 -10.0%	-10.5% -8.9% -2.3% £1,000 -10.0%	-8.9% -2.3% £1,000 -10.0%	30.2% 33.2% 36.0% plus £1,000 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3%		
326 327 329 330 345	City Parking (Glasgow) LLP Mitle PFI Ltd (South Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (Rast Ayrshire Council) Mitle PFI Ltd (North Ayrshire Council) Senvice Glasgow LLP City Property (Glasgow) LLP	29.8% 39.1% 35.5% 36.0% 29.3% 28.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5%	-8.9% -2.3% £1,000 -10.0% -9.5%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3%		
326 327 329 330 345 348	City Parking (Glasgow) LLP Mitle PFI Ltd (South Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £		
326 327 329 330 345 348 351	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Rost Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council)	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 33.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9%		
326 327 329 330 345 348	City Parking (Glasgow) LLP Mitle PFI Ltd (South Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9%		
326 327 329 330 345 348 351	City Parking (Glasgow) LLP Mitle PFI Ltd (South Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (East Ayrshire Council) Mitle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire)	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 33.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9%		
326 327 329 330 345 348 351 353	City Parking (Glasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £		
326 327 329 330 345 348 351 353	City Parking (Glasgow) LLP Mitte PFI Ltd (South Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £		
326 327 329 330 345 348 351 353	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (Gast Ayrshire Council) Mitie PFI Ltd (Gast Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 33.8% 35.1%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 £4,000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 £4,000	-8.9% -2.3% -2.3% £1,000 -10.0% -9.5% -5,000 -7.9% £4,000 -5.1%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £		
326 327 329 330 345 348 351 353	City Parking (Clasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (Morth Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columbia's School Ltd	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.99% £4.000 £4.000 -5.1% -17.7%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.99% £4,000 £4,000 -5.1% -17.7%	-8.9% -2.3% -£1,000 -10.0% -9.5% -£5,000 -7.9% -£4,000 -5.1% -17.7%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 36.7% plus £ 19.3%		
326 327 329 330 345 348 351 353 10 15 19	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Rost Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parknead Housing Association Ltd St Columba's School Ltd RCA Trust	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 33.8% 35.1% 36.7% 24.4% 37.0%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6%	10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% 3.6%	-8.9% -2.3% -2.3% -1.000 -10.0% -9.5% -5.000 -7.9% -4.000 -5.1% -17.7% -3.6%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3%		
326 327 329 330 345 348 351 353 10 15 19 31 37	City Parking (Clasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0% 15.7%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4%	-10.5% -8.9% -2.3% -11.00% -9.5% -9.5% -7.9% -2.4,000 -7.1% -17.7% -3.6% -11.4%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 £4,000 £4,000 -5.1% -17.7% 3.6% -11.4%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3%		
326 327 329 330 345 348 351 353 10 15 19 31 37 45	City Parking (Glasgow) LLP Mitte PFI Ltd (South Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Tust Community Central Hall Glasgow Caledonian University	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 15.7% 30.7% 24.3%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.0% -11.4% -5.0%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -17.7% -3.6% -11.4% -5.0%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 4.89% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3%		
326 327 329 330 345 345 345 351 353 10 10 15 19 31 37 45 48	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Rost Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernaud Adult Handicapped Society	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0% 24.4% 37.0% 24.3% 33.8%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -17.7% -5.0% -11.4% -5.0% -13.000	10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.10%	-8.9% -2.3% -2.3% -2.1000 -10.0% -9.5% -9.5% -9.5% -9.5% -7.99% -4.000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.0% -5.1000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £1,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £		
326 327 329 330 345 345 347 351 353 10 10 15 19 31 37 45 48 71	City Parking (Clasgow) LLP Mitte PFI Ltd (South Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (Morth Ayrshire Council) Service Clasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauld Adult Handicapped Society Reidsde Adventure Playground	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 33.8% 36.7% 24.4% 37.0% 15.7% 24.4% 30.7% 24.4% 33.38%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -11.7% -3.6% -11.4% -5.0% -5.300 -6.4% plus £2.000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -513,000 -6.4% plus £2,000	-8.9% -2.3% -2.3% -10.000 -10.00% -9.5% -5.000 -7.9% -6.4,000 -5.1% -17.77% -3.6% -11.4% -5.0% -13.000 -6.4% plus £2,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 20.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 22.0% plus £		
326 327 329 330 345 345 348 351 10 15 19 31 37 45 48 71 77	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Rost Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Ltd RCA Trust Community Central Hall Glasgow Caledonian Univesity Cumbernaud Adult Handicapped Society Reickale Adventure Playground Scottish Library & Information Council (SLIC)	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 30.7% 24.4% 30.7% 24.4% 30.7% 30.7% 24.4% 30.7% 30.7% 24.4% 30.7%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% £13,000 -6.4% plus £2,000	10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -17.7% 3.6% -111.4% -5.0% £13.000 -6.4% plus £2.000	-8.9% -2.3% -2.1000 -10.0% -9.5% -9.5% -9.5% -9.5% -1.1000 -1.7.7% -1.7.7% -1.7.7% -1.1.4% -1.1.4% -1.1.4% -1.1.4% -1.1.4% -1.1.4% -1.1.5.0% -1.1.4% -1.1.5.0% -1.1.5.0% -1.1.5.0% -1.1.5.0%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 22.0% plus £2,000 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £1,000 22.0% plus £1,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 20.0% plus £ 20.0% plus £		
326 327 329 330 345 348 351 10 10 15 19 31 37 45 48 71 77 94	City Parking (Glasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (Gast Ayrshire Council) Mittle PFI Ltd (Morth Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craighoime School Parkhead Housing Association Ltd St Columbars School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauid Adult Handicapped Society Reidvale Adventure Playgound Scottish Library & Information Council (SLIC) The Volunteer Centre	29.8% 39.1% 35.5% 36.0% 28.8% 28.8% 33.8% 35.1% 36.7% 24.4% 24.4% 24.3% 30.7% 24.3% 30.7% 24.3% 30.7%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -5.0% -5.0% -5.0% -5.7% -6.4% plus £2,000 -6.4% plus £2,000 -6.4% plus £2,000	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -3.6% -17.7% 3.6% -11.4% -5.0% -5.19% -5.0% -1.44%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -6.4% plus £2,000 -6.7% -16.4%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 36.7% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3%		
326 327 329 330 345 345 348 351 10 15 19 31 37 45 48 77 77 94	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauld Adult Handicapped Society Reikhale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre	29.8% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0% 30.7% 24.3% 33.8% 35.5% 36.7%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% £13,000 -6.4% plus £2,000 -6.4% plus £2,000 -6.4% plus £2,000	10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% £13,000 -6.4% plus £2,000 -6.4% plus £2,000 -6.7% -16.4% -16.4% -16.4% -16.4% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -17.6% -16.4% -10.00	-8.9% 2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -11.4% -5.0% £13,000 -6.4% pts £2,000 -6.75% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4% -16.4%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3%	30.2% 33.27 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 20.0% plus £2,000 19.3% 34.1% plus £1,000	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £ 22.0% plus £ 19.3% 34.1% plus £		
326 327 329 330 345 348 351 10 15 19 31 37 45 48 71 77 94 95 106	City Parking (Glasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craighoime School Parkhead Housing Association Ltd St Columbe's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbenaud Adult Handicapped Society Reichale Adventure Playground Scottish Libary & Information Council (SLIC) The Volunteer Centre Easterhouse Citzens Advice Bureau Strathcylew Vingel Honge Inserted	29.8% 35.5% 36.0% 36.0% 28.8% 33.8% 35.1% 36.7% 36.7% 24.4% 24.4% 24.3% 25.0% 36.7% 24.3% 25.0% 36.7% 24.3% 26.0% 36.7% 36.7% 36.3% 26.0% 36.7% 36.3%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.1% -1.6.4% -1.7.0%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.7% -6.7% -6.4% plus £2,000 -17.0%	-8.9% -2.3% -2.3% -2.3% -2.10.0% -10.0% -9.5% -9.5% -9.5% -9.5% -7.9% -4.000 -7.9% -4.000 -5.1% -17.7% -5.0% -11.4% -5.0% -13.000 -6.4% plus £2,000 -5.7% -16.4% -11.000 -17.0%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.99% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 36.8% plus £1,000 22.0% plus £2,000 19.3% 19.3% 34.1% plus £1,000 19.3%	30 2% 30 2% 36 0% plus 5 19.3% 19.3% 24.8% plus £ 25.9% 35.1% plus £ 19.3% 36.7% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.8% plus £ 22.0% plus £ 22.0% plus £ 23.0% plus £ 24.1% plus £ 24.1% plus £ 25.1% plus £ 25.1% plus £ 26.1% plus £ 26.1% plus £ 27.1% plus £ 27.1% plus £ 28.1% plus £ 28.1% plus £ 28.1% plus £ 28.1% plus £ 29.1% plus		
326 327 329 330 345 345 348 351 353 10 10 15 19 31 37 45 48 71 77 94 95 106 111	City Parking (Glasgow) LLP Mitte PFI Ltd (South Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (Morth Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauld Adult Handicapped Society Reickale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre Easterhouse Citizens Advice Bureau Strathcyde Wing Hong Chinese Elderly Group Glasgow Cale Womens Aid	29.8% 39.1% 39.1% 35.5% 36.0% 29.3% 28.8% 33.8% 35.1% 36.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 33.6% 35.57% 33.6% 35.57%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -11.7% -3.6% -111.4% -5.0% £13.000 -6.4% plus £2.000 -17.9% £1.000 -17.0% -6.1%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -117.7% -3.6% -11.4% -5.0% £13.000 -6.4% plus £2.000 -16.4% -17.0% -17.0% -17.0% -17.0%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.7% -16.4% -17.300 -1.14%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 25.2%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 25.2%	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 25.5% 19.3% 25.5%		
326 327 329 330 345 348 351 10 15 19 31 37 45 48 71 77 94 95 106	City Parking (Glasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craighoime School Parkhead Housing Association Ltd St Columbe's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbenaud Adult Handicapped Society Reichale Adventure Playground Scottish Libary & Information Council (SLIC) The Volunteer Centre Easterhouse Citzens Advice Bureau Strathcylew Vingel Honge Inserted	29.8% 35.5% 36.0% 36.0% 28.8% 33.8% 35.1% 36.7% 36.7% 24.4% 24.4% 24.3% 25.0% 36.7% 24.3% 25.0% 36.7% 24.3% 36.7% 36.7% 36.7% 36.7% 36.7% 36.7% 36.7% 36.7% 36.3%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.1% -1.6.4% -1.7.0%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -5.7% -6.7% -6.4% plus £2,000 -17.0%	-8.9% -2.3% -2.3% -2.3% -2.10.0% -10.0% -9.5% -9.5% -9.5% -9.5% -7.9% -4.000 -7.9% -4.000 -5.1% -17.7% -5.0% -11.4% -5.0% -13.000 -6.4% plus £2,000 -5.7% -16.4% -11.000 -17.0%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.99% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 36.8% plus £1,000 22.0% plus £2,000 19.3% 19.3% 34.1% plus £1,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £ 22.0% plus £ 22.0% plus £ 19.3% 19.3% 19.3%		
326 327 329 330 345 345 348 351 353 10 10 15 19 31 37 45 48 71 77 94 95 106 111	City Parking (Glasgow) LLP Mitte PFI Ltd (South Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (East Ayrshire Council) Mitte PFI Ltd (Morth Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauld Adult Handicapped Society Reickale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre Easterhouse Citizens Advice Bureau Strathcyde Wing Hong Chinese Elderly Group Glasgow Cale Womens Aid	29.8% 39.1% 39.1% 35.5% 36.0% 29.3% 28.8% 33.8% 35.1% 36.7% 24.4% 30.7% 24.4% 30.7% 24.4% 30.7% 33.6% 35.57% 33.6% 35.57%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -11.7% -3.6% -111.4% -5.0% £13.000 -6.4% plus £2.000 -17.9% £1.000 -17.0% -6.1%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -117.7% -3.6% -11.4% -5.0% £13.000 -6.4% plus £2.000 -16.4% -17.0% -17.0% -17.0% -17.0%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -5.7% -16.4% -17.300 -1.14%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 25.2%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 25.2%	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 25.5% 19.3% 25.5%		
326 327 329 330 345 345 348 351 10 15 19 31 37 45 48 71 77 94 95 106 111 113	City Parking (Glasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (Rosth Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columbas School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernaul Adult Handicapped Society Reidvale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre Easterhouse Citizens Advice Bureau Strathclyde Wing Hong Chinese Elderly Group Glasgow East Womens Aid Bridgeton, Calton and Dalmamock Credit Union	29.8% 39.1% 36.5% 36.0% 36.0% 36.0% 36.0% 36.0% 36.0% 36.0% 36.0% 36.0% 36.7% 36.7% 24.4% 37.0% 15.7% 24.3% 36.7% 24.3% 36.5%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5,000 -7.9% £4,000 £4,000 £4,000 -5.1% -17.7% -3.6% -11.4% -5.0% -13.000 -6.4% plus £2,000 -17.0% -6.1% -17.0% -6.1% -0.4%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -3.6% -11.4% -5.0% -5.7% -6.4% plus £2,000 -6.4% plus £2,000 -17.0% -6.1% -6.1% -6.1%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -6.0% -11.4% -5.0% -1.1.4% -1.1.4% -6.0% -6.1% -1.1.4%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 22.0% plus £2,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 34.4% plus £ 25.9% 35.1% plus £ 19.3% 36.7% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £ 19.3% 34.1% plus £ 19.3% 34.1% plus £		
326 327 329 330 345 345 348 351 353 10 10 15 19 31 37 45 48 71 77 94 95 106 111 113	City Parking (Clasgow) LLP Mittle PFI Ltd (South Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (East Ayrshire Council) Mittle PFI Ltd (North Ayrshire Council) Service Clasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craighoime School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbemauld Adult Handicapped Society Reichale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre Easterhouse Citizens Advice Bureau Strathclyde Wing Hong Chinese Elderly Group Glasgow East Womens Aid Brüdgeton, Calton and Dalmamook Credit Union Scottish Out of School Care Network	29.8% 39.1% 39.1% 35.5% 36.0% 29.3% 28.8% 33.8% 35.1% 36.7% 24.4% 37.0% 15.7% 30.7% 24.4% 30.7% 34.5% 36.5% 36.3% 35.5% 35.5% 36.3% 35.5% 36.3%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -6.1% -5.0% -5.7% -6.1% -6.1% -6.1% -0.4%	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -3.6% -11.4% -5.0% -5.7% -6.4% plus £2,000 -6.4% plus £2,000 -17.0% -6.1% -6.1% -6.1%	-8.9% -2.3% -2.3% -2.10.00 -10.0% -5.10.00 -10.5% -5.100 -17.79% -17.77% -3.6% -17.77% -11.4% -5.17% -1.1.4% -1.1.000 -1.7.000	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 22.0% plus £2,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000	30.2% 33.2% 36.0% plus £1,000 19.3% 34.8% plus £5,000 25.5% 35.1% plus £4,000 36.7% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 22.0% plus £2,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000 19.3% 34.1% plus £1,000	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 36.7% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 34.1% plus £ 19.3% 34.1% plus £		
326 327 329 330 345 348 351 10 15 19 31 37 45 48 71 77 94 95 106 111 113 136 155	City Parking (Glasgow) LLP Mitie PFI Ltd (South Ayrshire Council) Mitie PFI Ltd (East Ayrshire Council) Mitie PFI Ltd (Gast Ayrshire Council) Mitie PFI Ltd (North Ayrshire Council) Service Glasgow LLP City Property (Glasgow) LLP Forth & Oban Ltd BAM Construct UK Ltd (West Dunbartonshire Council) AMEY Public Services LLP (North Lanarkshire) Other Admitted Bodies Open to New Entrants Craigholme School Parkhead Housing Association Ltd St Columba's School Ltd RCA Trust Community Central Hall Glasgow Caledonian University Cumbernauld Adult Handicapped Society Reichale Adventure Playground Scottish Library & Information Council (SLIC) The Volunteer Centre Easterhouse Cittzens Advice Bureau Strathcyde Wing Hong Chinese Elderty Group Glasgow Calet Womens Add Bridgeton, Calton and Dalmamock Credit Union Scottish Out of School Care Network	29.8% 39.1% 39.1% 35.5% 36.0% 29.3% 28.8% 34.8% 35.1% 36.7% 24.4% 37.0% 36.7% 24.4% 37.0% 30.7% 24.3% 33.8% 35.57% 30.7% 24.3% 33.6% 25.5% 36.5% 36.3% 36.3% 26.5% 36.3%	-10.5% -8.9% -2.3% £1.000 -10.0% -9.5% £5.000 -7.9% £4.000 -5.1% -17.7% -3.6% -11.4% -5.0% -1.1.4% -1.000 -1.1000	-10.5% -8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -3.6% -11.4% -11.000 -5.1% -1.006 -1.14% -1.000 -1.16.4% -1.4% -1.4% -1.4% -1.4%	-8.9% -2.3% £1,000 -10.0% -9.5% £5,000 -7.9% £4,000 -5.1% -17.7% -11.4% -5.0% £1,000 -1.4.4% -1.4.6% -1.4.9% -	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 33.6% plus £13,000 22.0% plus £2,000 19.3% 19.3% 19.3% 34.1% plus £1,000 19.3%	30.2% 33.2% 36.0% plus £1,000 19.3% 19.3% 34.8% plus £5,000 25.9% 35.1% plus £4,000 36.7% plus £4,000 19.3%	30.2% 33.2% 36.0% plus £ 19.3% 34.8% plus £ 25.9% 35.1% plus £ 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 19.3% 22.0% plus £ 19.3% 19.3% 19.3% 24.7% plus £ 19.3% 24.7% plus £		



		Primary Rate	Minimum Contributions for the Year Ending Secondary Rate Total Contribution Rate						
mployer code	Employer/Group name	(%) 1 April 2018 - 31 March 2021							
		Warch 2021	2018/2019	2019/2020	2020/2021	2018/2019	2019/2020	2020/2021	
169	The Financial Fitness Resource Team	23.0%	-3.7% -8.1%	-3.7%	-3.7% -8.1%	19.3%	19.3%	19.3%	
170 172	Coatbridge Citizens Advice Bureau Aspire2access	34.3% 30.3%	-11.0%	-8.1% -11.0%	-11.0%	26.2% 19.3%	26.2% 19.3%	26.2% 19.3%	
177 180	Coalition for Racial Equality and Rights North Ayrshire Leisure Ltd	27.3% 24.6%	-8.0% -5.3%	-8.0% -5.3%	-8.0% -5.3%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
184	West of Scotland Colleges Partnership	32.8%	-13.5%	-13.5%	-13.5%	19.3%	19.3%	19.3%	
185 189	Glasgow Housing Association Ayrshire North Community Housing Organisation Ltd	25.8% 24.9%	-6.5% -5.6%	-6.5% -5.6%	-6.5% -5.6%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
194	Sanctuary Scotland Housing Association	31.8%	-9.8%	-9.8%	-9.8%	22.0%	22.0%	22.0%	
197 208	Flourish House Good Shepherd Centre (Dalbeth & St Euphrasia's)	28.0% 26.3%	-1.50% -4.5%	-1.5% -4.5%	-1.5% -4.5%	26.5% 21.8%	26.5% 21.8%	26.5% 21.8%	
210 211	Glasgow School of Art University of Strathclyde	25.4% 32.2%	-4.9% -2.7%	-4.9% -2.7%	-4.9% -2.7%	20.5% 29.5%	20.5% 29.5%	20.5% 29.5%	
215	Sportscotland	21.4%	-2.1%	-2.1%	-2.1%	19.3%	19.3%	19.3%	
217 219	Kenmure St Mary's Boys' School Royal Conservatoire of Scotland	26.1% 22.6%	-4.5% -3.3%	-4.5% -3.3%	-4.5% -3.3%	21.6% 19.3%	21.6% 19.3%	21.6% 19.3%	
221	Geilsland School	27.8%	-8.5%	-8.5%	-8.5%	19.3%	19.3%	19.3%	
225 230	Lanarkshire Housing Association Ltd Potential Living	29.9% 31.2%	-4.7% plus £7,000 -11.9%	£7,000 -11.9%	£7,000 -11.9%	25.2% plus £7,000 19.3%	29.9% plus £7,000 19.3%	29.9% plus £7, 19.3%	
232	Jordanhill School	27.5%	-8.2%	0.0%	0.0%	19.3%	27.5%	27.5%	
234 242	General Teaching Council for Scotland College Development Network (CDN)	25.0% 27.7%	-5.7% -8.4%	-5.7% -8.4%	-5.7% -8.4%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
245	UTHEO Limited	35.8%	-16.5%	-16.5%	-16.5%	19.3%	19.3%	19.3%	
247 249	Scottish Qualifications Authority Inverclyde Leisure	24.7% 25.4%	-5.4% -6.1%	-5.4% -6.1%	-5.4% -6.1%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
252	South Lanarkshire Leisure and Culture Limited	27.0%	-7.7%	-7.7%	-7.7%	19.3%	19.3%	19.3%	
253 256	Skills Development Scotland (including former Scottish Enterprise) Hemat Gryffe Women's Aid	26.3% 27.8%	-7.0% -8.5%	-5.0% -8.5%	-4.0% -8.5%	19.3% 19.3%	21.3% 19.3%	22.3% 19.3%	
257	Loch Lomond & the Trossachs National Park Authority	25.6%	-6.3% 10.0%	-6.3%	-6.3% 10.0%	19.3%	19.3%	19.3%	
258 265	Govan Law Centre Renfrewshire Leisure Limited	29.3% 24.3%	-10.0% -5.0%	-10.0% -5.0%	-10.0% -5.0%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
266 268	East Renfrewshire Carers Greenspace Scotland	33.5% 30.4%	£2,000 -11.1%	£2,000 -11.1%	£2,000 -11.1%	33.5% plus £2,000 19.3%	33.5% plus £2,000 19.3%	33.5% plus £2 19.3%	
269	The Milton Kids D.A.S.H. Club	25.6%	-0.6%	-0.6%	-0.6%	25.0%	25.0%	25.0%	
278 279	Ayr Action for Mental Health Limited Routes to Work Limited	33.8% 25.8%	-14.5% -6.5%	-14.5% -6.5%	-14.5% -6.5%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
283	North Lanarkshire Carers Together	30.9%	-11.6%	-11.6%	-11.6%	19.3%	19.3%	19.3%	
284 288	Fyne Homes Limited H.E.L.P. (Argyll & Bute) Ltd	28.4% 30.2%	£26,000 -10.9%	£26,000 -10.9%	£26,000 -10.9%	28.4% plus £26,000 19.3%	28.4% plus £26,000 19.3%	28.4% plus £26 19.3%	
289	Rape Crisis Centre	35.3%	-4.3%	-4.3%	-4.3%	31.0%	31.0%	31.0%	
292 294	Auchenback Active Limited Govan Home & Education Link Project (Govan H.E.L.P.)	37.4% 26.3%	-18.1% -1.3%	-18.1% -1.3%	-18.1% -1.3%	19.3% 25.0%	19.3% 25.0%	19.3% 25.0%	
295	Aspire2Gether	30.4%	£8,000	£8,000	£8,000	30.4% plus £8,000	30.4% plus £8,000	30.4% plus £8	
296 304	Glasgow Women's Aid West of Scotland Loan Fund Ltd	25.0% 31.9%	-5.7% -8.9%	-5.7% -8.9%	-5.7% -8.9%	19.3% 23.0%	19.3% 23.0%	19.3%	
308	North Lanarkshire Leisure Ltd	24.2%	-4.9%	-4.9%	-4.9%	19.3%	19.3%	19.3%	
310 311	Argyll Community Housing Association Ltd City Building (Glasgow) LLP	28.0% 24.1%	-8.7% -4.8%	-8.7% -4.8%	-8.7% -4.8%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
318	Culture & Sport Glasgow	24.0%	-4.7%	-4.7%	-4.7%	19.3%	19.3%	19.3%	
321 322	Glasgow Community & Safety Services Ltd Riverside Inverclyde	25.9% 31.7%	-6.6% £10,000	-6.6% £10,000	-6.6% £10,000	19.3% 31.7% plus £10,000	19.3% 31.7% plus £10,000	19.3% 31.7% plus £10	
324	Glasgow City Heritage Trust	21.4%	-2.1%	-2.1%	-2.1%	19.3%	19.3%	19.3%	
331 335	Regen: FX Youth Trust Clyde Gateway URC	24.4% 24.8%	-5.1% -5.5%	-5.1% -5.5%	-5.1% -5.5%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
337	Cordia (Services) LLP	29.6%	-10.3%	-10.3%	-10.3%	19.3%	19.3%	19.3%	
343 352	Glasgow Credit Union Ltd Seemis Group LLP	24.6% 24.6%	-5.3% -5.3%	-5.3% -5.3%	-5.3% -5.3%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
355	Ayr Renaissance LLP	22.5%	-3.2%	-3.2%	-3.2%	19.3%	19.3%	19.3%	
359 360	East Dunbartonshire Leisure & Culture Trust Jobs And Business Glasgow	25.4% 29.0%	-6.1% -9.7%	-6.1% -9.7%	-6.1% -9.7%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
364 366	West Dunbartonshire Leisure Trust Culture NL Limited	24.6% 29.2%	-5.3% -8.5%	-5.3% -8.5%	-5.3% -8.5%	19.3% 20.7%	19.3% 20.7%	19.3% 20.7%	
367	North Lanarkshire Properties LLP	31.1%	-0.5%	-0.5%	-0.5%	19.3%	19.3%	19.3%	
368 369	East Ayrshire Leisure Trust East Renfrewshire Culture and Leisure Trust	25.8% 25.0%	-6.5% -5.7%	-6.5% -5.7%	-6.5% -5.7%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
405	University of the West of Scotland (Paisley Campus)	26.1%	-6.8%	-6.8%	-6.8%	19.3%	19.3%	19.3%	
407 420	Kibble School CORA Foundation	26.5% 35.6%	-7.2% -1.0%	-7.2% -1.0%	-7.2% -1.0%	19.3% 34.6%	19.3% 34.6%	19.3% 34.6%	
422	Renfrewshire Carers Centre	33.3%	-9.8%	-9.8%	-9.8%	23.5%	23.5%	23.5%	
509 514	The Scottish Centre for Children with Motor Impairments Alternatives - West Dunbartonshire Community Drug Services	24.3% 36.8%	-5.0% -17.5%	-5.0% -17.5%	-5.0% -17.5%	19.3% 19.3%	19.3% 19.3%	19.3% 19.3%	
922	Skills Development Scotland	26.3%	-7.0%	-5.0%	-4.0%	19.3%	21.3%	22.3%	
	Other Admitted Bodies Closed to New Entrants								
4	Deaf Connections	35.2%	£20,000	£20,000	£20,000	35.2% plus £20,000	35.2% plus £20,000	35.2% plus £20	
5 30	Glasgow Council for Voluntary Service Glasgow Association for Mental Health	32.2% 34.7%	-12.9% -11.1%	-12.9% -11.1%	-12.9% -11.1%	19.3% 23.6%	19.3% 23.6%	19.3% 23.6%	
53	Glasgow Film Theatre	38.6%	-1.0%	-1.0%	-1.0%	37.6%	37.6%	37.6%	
69 129	The Jeely Piece Club, Play It Safe Creative Scotland	38.4% 29.9%	-38.4% -10.6%	-38.4% -10.6%	-38.4% -10.6%	0.0% 19.3%	0.0% 19.3%	0.0% 19.3%	
171	West of Scotland Regional Equality Council	37.6%	£11,000	£11,000	£11,000	37.6% plus £11,000	37.6% plus £11,000	37.6% plus £1	
196 200	Childcare First Equals Advocacy Partnership Mental Health	30.0% 40.8%	-10.7% 3.2%	-10.7% 3.2%	-10.7% 3.2%	19.3% 44.0%	19.3% 44.0%	19.3% 44.0%	
218	Scottish Environmental & Outdoor Centres Association Ltd	38.8%	-1.9%	-1.9%	-1.9%	36.9%	36.9%	36.9%	
223 227	St Philip's Approved School SACRO	26.2% 29.2%	-3.2% -9.9%	-3.2% -9.9%	-3.2% -9.9%	23.0% 19.3%	23.0% 19.3%	23.0% 19.3%	
231 235	Lanarkshire Association for Mental Health University of Edinburgh (Ex-Moray House College Staff Only)	37.2% 37.5%	£3,000 £750,000	£3,000 £750,000	£3,000 £750,000	37.2% plus £3,000 37.5% plus £750,000	37.2% plus £3,000 37.5% plus £750,000	37.2% plus £3 37.5% plus £75	
237	University of Glasgow (Ex-St Andrew's College Staff Only)	36.2%	£250,000	£250,000	£250,000	36.2% plus £250,000	36.2% plus £250,000	36.2% plus £25	
248 250	Town Centre Activities Ltd University of Aberdeen (Ex-Northern College - Aberdeen Campus Staff Only)	40.4%	-40.4% £263,000	-40.4% £263,000	-40.4% £263,000	0.0% 35.1% plus £263,000	0.0% 35.1% plus £263,000	0.0% 35.1% plus £26	
251	University of Dundee (Ex-Northern College - Dundee Campus Staff Only)	36.6%	£107,000	£107,000	£107,000	36.6% plus £107,000	36.6% plus £107,000	36.6% plus £10	
264 282	University of Glasgow (Ex-SCRE Employees Only) Youth Counselling Services Agency	36.2% 18.5%	0.0% £1,000	0.0% £1,000	0.0% £1,000	36.2% 18.5% plus £1,000	36.2% 18.5% plus £1,000	36.2% 18.5% plus £1	
328	River Clyde Homes	30.6%	-3.9%	-3.9%	-3.9%	26.7%	26.7%	26.7%	
340 341	Shettleston Housing Association Cassiltoun Housing Association	29.4% 29.5%	-5.4% -3.2%	-5.4% -3.2%	-5.4% -3.2%	24.0% 26.3%	24.0% 26.3%	24.0% 26.3%	
344	Glasgow West Housing Association	31.6%	-11.5% plus £12,000	-11.5% plus £12,000	-11.5% plus £12,000	20.1% plus £12,000	20.1% plus £12,000	20.1% plus £12	
347 350	East Dunbartonshire Citizens Advice Bureau	41.1%	-41.1%	-41.1%	-41.1%	0.0%	0.0%	0.0%	
350 354	Queen's Cross Housing Association Govanhill Housing Association	28.5% 32.1%	-8.8% plus £43,000 -9.9%	-4.9%	0.0%	19.7% plus £43,000 22.2%	19.7% plus £43,000 27.2%	19.7% plus £4 32.1%	
356	New Gorbals Housing Association	29.5%	£4,000 -0.9%	£4,000 -0.9%	£4,000 -0.9%	29.5% plus £4,000	29.5% plus £4,000 27.4%	29.5% plus £4	
357 358	North Glasgow Housing Association Southside Housing Association	28.3% 31.5%	-0.9% £6,000	-0.9% £6,000	-0.9% £6,000	27.4% 31.5% plus £6,000	27.4% 31.5% plus £6,000	27.4% 31.5% plus £6	
361	Milnbank Housing Association	20.3%	0.2% plus £4,000	0.2% plus £4,000	0.2% plus £4,000	20.5% plus £4,000	20.5% plus £4,000	20.5% plus £4	
362 363	Maryhill Housing Association Tollcross Housing Association	27.3% 28.4%	-3.5% £6,000	-3.5% £6,000	-3.5% £6,000	23.8% 28.4% plus £6,000	23.8% 28.4% plus £6,000	23.8% 28.4% plus £6	
371	T.O.M Airdrie	38.5%	-5.8% plus £6,000	-5.8% plus £6,000	-5.8% plus £6,000	32.7% plus £6,000	32.7% plus £6,000	32.7% plus £6	
372 373	Scottish Canals Optima - Working in Wellbeing	31.7% 35.3%	£5,000 0.0%	£5,000 0.0%	£5,000 0.0%	31.7% plus £5,000 35.3%	31.7% plus £5,000 35.3%	31.7% plus £5 35.3%	
376	Enable Glasgow	41.0%	-41.0%	41.0%	41.0%	0.0%	0.0%	0.0%	
410	Engage Renfrewshire Scottish Maritime Museum Trust	35.4% 41.0%	-13.5% £5,000	-13.5% £5,000	-13.5% £5,000	21.9% 41.0% plus £5,000	21.9% 41.0% plus £5,000	21.9% 41.0% plus £5	
609									





- 1. Contributions should be paid into Strathclyde Pension Fund ('the Fund') at a frequency in accordance with the requirements of the Regulations.
- 2. Further sums should be paid to the Fund to meet the costs of any non-ill health early retirements and/or augmentation (i.e. additional membership or additional pension) using methods and factors issued by us from time to time, or GAD guidance if we consider it to be appropriate.
- 3. In addition, further sums may be required to be paid to the Fund by employers to meet the capital costs of any ill-health retirements that exceed those included within our assumptions.
- 4. The certified contribution rates represent the minimum level of contributions to be paid. Employers may pay further amounts at any time and future periodic contributions may be adjusted on a basis approved by the Fund actuary.

Further comments

Note that, if an employer has ill health liability insurance in place with a suitable insurer and provides satisfactory evidence to the Administering Authority, then their minimum employer contribution rate may be reduced by their insurance premium, for the period the insurance is in place.

Signature: Catherine McFadyen

Name: Catherine McFadyen Steven Law Stacey McLean

Qualification: Fellows of the Institute and

Faculty of Actuaries

Firm: Hymans Robertson LLP

20 Waterloo Street

Glasgow

G2 6DB

Date 29 March 2018