



Nottingham

City Council

Nottingham City Council

Treasury Management Strategy 2019/20

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1.1 Background

The Council is required to operate a balanced budget, which broadly means that cash raised during the year will meet cash expenditure. Part of the treasury management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the Council's low risk appetite, providing adequate liquidity initially before considering investment return.

The second main function of the treasury management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer-term cash flow planning, to ensure that the Council can meet its capital spending obligations. This management of longer-term cash may involve arranging long or short-term loans, or using longer-term cash flow surpluses. On occasion, when it is prudent and economic, any debt previously drawn may be restructured to meet Council risk or cost objectives.

The contribution the treasury management function makes to the authority is critical, as the balance of debt and investment operations ensure liquidity or the ability to meet spending commitments as they fall due, either on day-to-day revenue or for larger capital projects. The treasury operations will see a balance of the interest costs of debt and the investment income arising from cash deposits affecting the available budget. Since cash balances generally result from reserves and balances, it is paramount to ensure adequate security of the sums invested, as a loss of principal will in effect result in a loss to the General Fund Balance.

Whilst any commercial initiatives or loans to third parties will impact on the treasury function, these activities are generally classed as capital strategy activities, (arising usually from capital expenditure), and are separate from the day to day treasury management activities.

CIPFA defines treasury management as:

"The management of the local authority's borrowing, investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks."

Revised reporting is required for the 2019/20 reporting cycle due to revisions of the MHCLG Investment Guidance, the MHCLG Minimum Revenue Provision (MRP) Guidance, the CIPFA Prudential Code and the CIPFA Treasury Management Code. The primary reporting changes include the introduction of a capital strategy, to provide a longer-term focus to the capital plans, and greater reporting requirements surrounding any commercial activity undertaken under the Localism Act 2011. The capital strategy is being reported separately.

1.2 Reporting requirements

1.2.1 Capital and Investment Strategy

The CIPFA revised 2017 Prudential and Treasury Management Codes require, for 2019-20, all local authorities to prepare an additional report, a capital strategy report, which will provide the following:

- a high-level long term overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
- an overview of how the associated risk is managed
- the implications for future financial sustainability

The aim of this capital strategy is to ensure that all elected councillors on the full council fully understand the overall long-term policy objectives and resulting capital strategy requirements, governance procedures and risk appetite.

This capital strategy is reported separately from the Treasury Management Strategy Statement; capital investments will be reported through the former. This ensures the separation of the core treasury function under security, liquidity and yield principles, and the policy and commercialism investments usually driven by expenditure on an asset. The capital strategy will show:

- The corporate governance arrangements for these types of activities;
- Any service objectives relating to the investments;
- The expected income, costs and resulting contribution;
- The debt related to the activity;
- The payback period;
- For non-loan type investments, the cost against the current market value;
- The risks associated with these activities.

Where a physical asset is being bought, details of market research, advisers used, (and their monitoring), ongoing costs and investment requirements and any credit information will be disclosed, including the ability to sell the asset and realise the investment cash.

If any capital investment sustains a loss during the final accounts and audit process, the strategy and revenue implications will be reported through the same procedure as the capital strategy.

To demonstrate the proportionality between the treasury operations and the capital operations, high-level comparators are shown within this report.

1.2.2 Treasury Management reporting

The Council or delegated body are currently required to receive and approve, as a minimum, three main treasury reports each year, which incorporate a variety of policies, estimates and actuals.

- a. Prudential and treasury indicators and treasury strategy** (this report) - The first, and most important report is forward looking and covers:
 - the capital plans, (including prudential indicators);
 - a minimum revenue provision (MRP) policy, (how residual capital expenditure is charged to revenue over time);
 - the treasury management strategy, (how the investments and borrowings are to be organised), including treasury indicators; and
 - an investment strategy, (the parameters on how financial investments are to be managed).
- b. A mid-year treasury management report** – This is primarily a progress report and will update councillors on the capital position, amending prudential indicators as necessary, and whether any policies require revision.
- c. An annual treasury report** – This is a backward looking review document and provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Audit Committee.

1.3 Treasury Management Strategy for 2019/20

The strategy for 2019/20 covers two main areas:

Capital issues

- the capital expenditure plans and the associated prudential indicators;
- the minimum revenue provision (MRP) policy.

Treasury management issues

- the current treasury position;
- treasury indicators which limit the treasury risk and activities of the Council;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- the policy on use of external service providers.

These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, MHCLG MRP Guidance, the CIPFA Treasury Management Code and MHCLG Investment Guidance.

1.4 Training

The CIPFA Code requires the responsible officer to ensure that councillors with responsibility for treasury management receive adequate training in treasury management. This especially applies to councillors responsible for scrutiny. A training session was held for the Audit Committee on the 28 September 2018 and further training will be arranged as required.

The training needs of treasury management officers are periodically reviewed.

1.5 Treasury management consultants

The Council uses Link Asset Services as its external treasury management advisors.

The Council recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon the services of our external service providers. All decisions will be undertaken with regards to all available information, including, but not solely, our treasury advisers.

It also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The Council will ensure that the terms of their appointment and their value will be assessed and subjected to regular review.

2 THE CAPITAL PRUDENTIAL INDICATORS 2019/20 – 2021/22

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist councillors' overview and confirm capital expenditure plans. These indicators show the previous years actual expenditure and reasonable estimates of the total of capital expenditure that it plans to incur during the forthcoming financial year and the following two financial years as required by the CIPFA Prudential Code. The Capital and Investment Strategy will provide forecasts for the council's capital plans up to 2023/24.

2.1 Capital expenditure

This prudential indicator is a summary of the Council's capital expenditure plans, both those agreed previously, and those forming part of this budget cycle.

Capital Expenditure £m	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
General Fund	49.991	73.003	142.408	68.401	11.528
Commercial Activities / Non-financial investments *	116.819	70.367	24.286	33.216	15.172
General Fund Total	166.810	143.370	166.694	101.617	26.700
HRA	53.396	48.930	54.862	47.503	29.462
TOTAL	220.206	192.300	221.556	149.120	56.162

* Commercial activities / non-financial investments relate to areas such as capital expenditure on investment properties, loans to third parties etc. This does not include regeneration schemes.

The table below summarises the above capital expenditure plans and how these plans are being financed by capital or revenue resources. Any shortfall of resources results in a funding borrowing need.

Financing of Capital Expenditure £m	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Capital Receipts	15.462	16.971	21.470	18.392	4.939
Capital Grants	37.280	47.654	68.057	12.640	2.543
Capital Reserves	29.854	31.629	37.042	28.685	27.340
Revenue	4.520	1.079	0.977	0.449	0.026
Capital expenditure to be financed by borrowing	133.090	94.967	94.010	88.954	21.314
TOTAL	220.206	192.300	221.556	149.120	56.162

The net financing need for commercial activities / capital investments included in the above table against expenditure is shown below:

Commercial activities / capital investments £m	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Capital Expenditure	116.819	70.367	24.286	33.216	15.172
Commercial activity financed by borrowing	114.777	69.416	14.331	10.010	6.980
Overall Capital expenditure to be financed by borrowing	133.090	94.967	94.010	88.954	21.314
Percentage of total net financing need %	86%	73%	15%	11%	33%

The table above shows in 2018/19 that 73% of the overall capital expenditure financed by borrowing is forecast to be for commercial/non-financial investments.

2.2 The Council's borrowing need (the Capital Financing Requirement)

The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's indebtedness and so its underlying borrowing need. Any capital expenditure above, which has not immediately been paid for through a revenue or capital resource, will increase the CFR.

The CFR does not increase indefinitely, as the minimum revenue provision (MRP) is a statutory annual revenue charge which broadly reduces the indebtedness in line with each assets life, and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long-term liabilities (e.g. PFI schemes, finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility by the PFI, lease provider and so the Council is not required to separately borrow for these schemes. The Council currently has £201m of such schemes within the CFR.

The CFR projections are shown below:

	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Capital Financing Requirement (£m)					
CFR – General Fund	1,075.13	1,133.38	1,175.13	1,199.54	1,168.68
CFR – HRA	294.703	289.200	295.877	310.765	309.039
Total CFR	1,369.830	1,422.584	1,471.006	1,510.306	1,477.714
Movement in CFR		52.754	48.422	39.300	(32.592)
Movement in CFR represented by (£m)					
Net financing need for the year (above)	133.090	94.967	94.010	88.954	21.314
Less MRP/VRP and other financing movements		50.215	45.588	49.654	53.906
Movement in CFR		52.754	48.422	39.300	(32.592)

A key aspect of the regulatory and professional guidance is that councillors are aware of the size and scope of any commercial activity in relation to the authority's overall financial position. The capital expenditure figures shown in 2.1 and the details above demonstrate the scope of this activity as show the scale proportionate to the council's remaining activity.

3 BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activity of the Council. The treasury management function ensures that the Council's cash is organised in accordance with the relevant professional codes, so that sufficient cash is available to meet this service activity and the Council's capital strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current portfolio position

The overall treasury management portfolio as at 31 March 2018 and for the position as at 31 December 2018 are shown below for both borrowing and investments.

TREASURY PORTFOLIO				
	actual	actual	current	current
	31.3.18	31.3.18	31.12.18	31.12.18
Treasury investments	£000	%	£000	%
banks	0	0%	30,000	29%
local authorities	10,000	32%	47,000	45%
DMADF (H.M.Treasury)	0	0%	0	0%
money market funds	21,300	68%	26,900	26%
Total treasury investments	31,300	100%	103,900	100%
Treasury external borrowing				
local authorities	28,500	3%	47,500	5%
PWLB	787,254	91%	861,008	90%
market loans inc LOBOs	49,000	6%	49,000	5%
stock & other	814	0%	814	0%
Total external borrowing	865,568	100%	958,322	100%
Net treasury investments / (borrowing)	(834,268)		(854,422)	

The Council's forward projections for borrowing are summarised below. The table shows the actual external debt, against the underlying capital borrowing need, (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

It should be noted that the forecast under borrowing position is supported by the council balance sheet i.e. reserves and working capital balances, should these balances reduce further borrowing will be required and additional costs of financing will be incurred. This should be seen in context of the council's overall budget position and current level of budget flexibility.

£m	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
External Debt at 1 April	788.9	865.6	934.2	992.7	1,039.0
Expected change in Debt	76.7	68.6	58.5	46.3	(16.8)
Other long-term liabilities inc PFI	226.0	208.0	201.0	191.4	181.8
Expected change in OLTL *	(18.0)	(7.0)	(9.6)	(9.6)	(11.1)
Gross debt at 31 March	1,073.6	1,135.2	1,184.1	1,220.8	1,192.8
Capital Financing Requirement (CFR)	1,369.8	1,422.6	1,471.0	1,510.3	1,477.7
Under / (over) borrowing	296.2	287.4	286.9	289.6	284.9

* (OLTL) – Other Long Term Liabilities

Within the range of prudential indicators there are a number of key indicators to ensure that the Council operates its activities within well-defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2019/20 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue or speculative purposes.

The Director of Finance reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this report.

3.2 Treasury Indicators: limits to borrowing activity

The operational boundary. This is the limit beyond which external debt is not normally expected to exceed. In most cases, this would be a similar figure to the CFR, but may be lower or higher depending on the levels of actual debt and the ability to fund under-borrowing by other cash resources. This boundary will be used as a management tool for ongoing monitoring of external debt, and may be breached temporarily due to unusual cash flow movements. However a sustained or regular trend above the operational boundary should trigger a review of both the operational boundary and the authorised limit.

(£m)	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Operational boundary	1,313.8	1,421.0	1,460.3	1,427.7

The authorised limit for external debt. This is a key prudential indicator and represents a control on the maximum level of borrowing. This represents a legal limit beyond which external debt is prohibited, and this limit needs to be set or revised by the full Council. It reflects the level of external debt which, while not desired, could be afforded in the short term, but is not sustainable in the longer term.

1. This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils' plans, or those of a specific council, although this power has not yet been exercised.

(£m)	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Authorised limit	1,353.8	1,471.0	1,510.3	1,477.7

Separately, the Council was also limited to a maximum HRA CFR through the HRA self-financing regime. Any new HRA borrowing should be compliant with the Prudential Code i.e. prudent, affordable, sustainable and in proportion with the available resources. This limit is currently:

HRA Debt Limit £m	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
HRA debt cap *	319.8	319.8	319.8	319.8
HRA CFR	289.2	295.9	310.8	309.0
HRA headroom	30.6	23.9	9.0	10.8

* **Abolition of HRA debt cap.** In October 2018 Prime Minister Theresa May announced a policy change of abolition of the HRA debt cap.

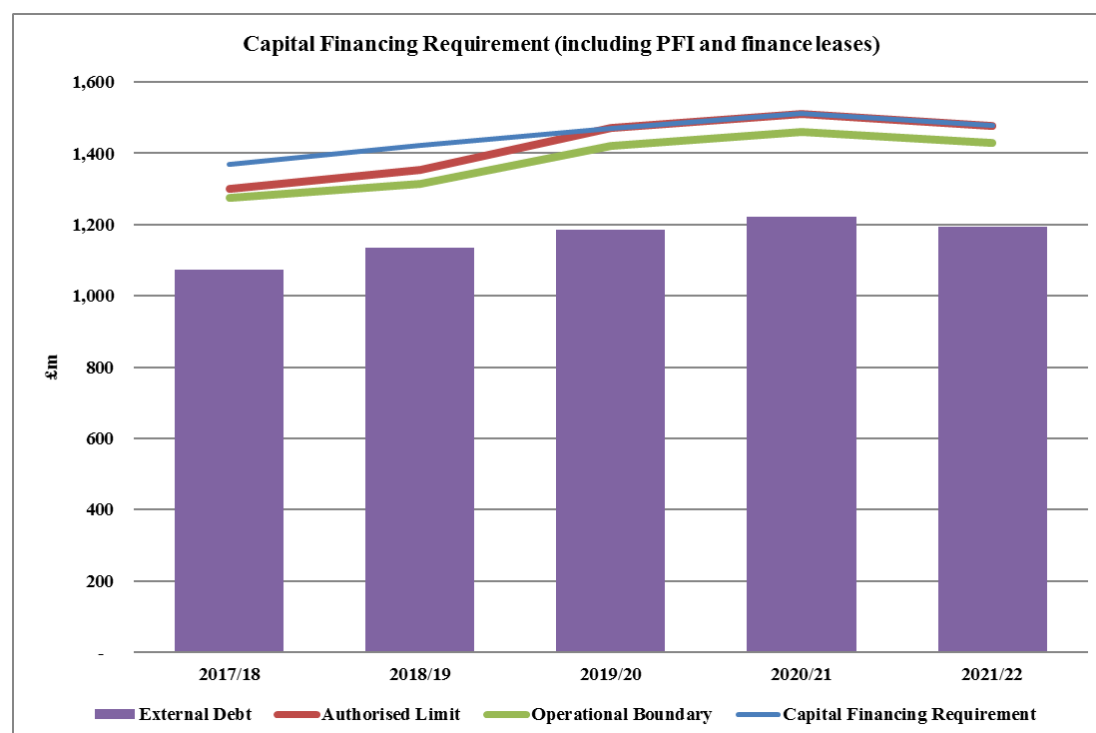
The upper limit on variable interest rate exposure. – This is a local indicator to control the Council's exposure to interest rate risk including LOBO loans with a call option in the next 12 months. The upper limits on variable rate interest rate exposures, expressed as the amount of principal borrowed for the next three financial years. A high level of variable rate debt presents a risk from increases in interest rates. This figure represents the maximum permitted exposure to such debt.

(£m)	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Variable rate debt	300.0	300.0	300.0	300.0

The level of variable rate debt as at 31 December 2018 was £148.6m.

Debt limits against the CFR: - The following table and graph discloses how the indicators on the limits to borrowing compare to actual external debt and the forecast capital financing requirement (CFR). The difference between the CFR and the forecast external debt represents the level of under borrowing expected over the forecast period.

CAPITAL FINANCING REQUIREMENT (including PFI and finance leases)					
	Actual	Est	Est	Est	Est
	2017/18	2018/19	2019/20	2020/21	2021/22
	£m	£m	£m	£m	£m
HRA CFR	294.7	289.2	295.9	310.8	309.0
General Fund CFR	1,075.1	1,133.4	1,175.1	1,199.5	1,168.7
Total CFR	1,369.8	1,422.6	1,471.0	1,510.3	1,477.7
External Borrowing	865.6	934.2	992.7	1,039.0	1,022.1
Other long term liabilities	208.0	201.0	191.4	181.8	170.7
Total Debt	1,073.6	1,135.2	1,184.1	1,220.8	1,192.8
Authorised Limit	1,300.0	1,353.8	1,471.0	1,510.3	1,477.7
Operational Boundary	1,275.0	1,313.8	1,421.0	1,460.3	1,427.7



3.3 Prospects for interest rates

The Council has appointed Link Asset Services as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. The following table gives our central view. The Interest rate forecast below should be considered alongside the detailed economic background and forecast commentary provided in sections 5.4.

Link Asset Services Interest Rate View													
	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Bank Rate View	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%	1.75%	1.75%	2.00%
3 Month LIBID	0.70%	0.80%	1.00%	1.10%	1.20%	1.40%	1.50%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%
6 Month LIBID	0.80%	0.90%	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%
12 Month LIBID	1.00%	1.10%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.40%
5yr PWLB Rate	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%	2.60%	2.70%
10yr PWLB Rate	2.20%	2.30%	2.40%	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.00%
25yr PWLB Rate	2.70%	2.80%	2.90%	3.00%	3.10%	3.20%	3.20%	3.30%	3.40%	3.40%	3.50%	3.50%	3.60%
50yr PWLB Rate	2.50%	2.60%	2.70%	2.80%	2.90%	3.00%	3.00%	3.10%	3.20%	3.20%	3.30%	3.30%	3.40%

PWLB rate forecasts shown above have taken into account the 20 basis point certainty rate reduction effective as of the 1st November 2012.

Investment and borrowing rates

- Investment returns are likely to remain low during 2019/20 but to be on a gently rising trend over the next few years.
- Borrowing interest rates have been volatile so far in 2018-19 and while they were on a rising trend during the first half of the year, they have fallen significantly since then. The policy of under borrowing has served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in the future when authorities may not be able to avoid new borrowing to finance capital expenditure and/or the refinancing of maturing debt;
- There will remain a cost of carry, (the difference between higher borrowing costs and lower investment returns), to any new long-term borrowing that causes a temporary increase in cash balances as this position will, most likely, incur a revenue cost.

3.4 Borrowing strategy

Objectives: The Council's chief objective when borrowing money is to strike an appropriately low risk balance between securing low interest costs and achieving cost certainty over the period for which funds are required. The flexibility to renegotiate loans should the Council's long-term plans change is a secondary objective.

The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement), has not been fully funded with loan debt as cash supporting the Council's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as investment returns are low and counterparty risk is still an issue that needs to be considered.

Against this background and the risks within the economic forecast, caution will be adopted with the 2019/20 treasury operations. Interest rates are closely monitored in financial markets and a pragmatic approach to changing circumstances will be taken:

- *if it was felt that there was a significant risk of a sharp FALL in long and short term rates, (e.g. due to a marked increase of risks around relapse into recession or of risks of deflation), then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.*

- *if it was felt that there was a significant risk of a much sharper RISE in long and short term rates than that currently forecast, perhaps arising from an acceleration in the rate of increase in central rates in the USA and UK, an increase in world economic activity, or a sudden increase in inflation risks, then the portfolio position will be re-appraised. Most likely, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.*

Based on the current central case forecast the Council will look to maintain the under-borrowed position and continue to utilise short term loans at low interest rates whilst allowing flexibility to take advantage of longer term funding opportunities to fix the interest rate and so reduce the overall level of interest rate exposure. Any borrowing will be subject to the Council's limits on the exposure to variable interest rates shown in section 3.2 and the maturity limits shown in the Prudential Indicators shown in section 5.1.3.

The benefits of short-term borrowing and/or maintaining an under-borrowed position will be monitored regularly against the potential for incurring additional costs by deferring fixing this borrowing into future years when long-term borrowing rates are forecast to rise modestly. Our treasury advisors will assist the Council with this 'cost of carry' and breakeven analysis. Its output may determine whether the Council borrows additional sums at long-term fixed rates in 2019/20 with a view to keeping future interest costs low, even if this causes additional cost in the short-term. This may include to pre-fund future years' requirements, to reduce the level of internal borrowing or for additional capital schemes that are not yet in the approved capital program providing this does not exceed the authorised limit for borrowing of £1,471.0 million.

The Council may arrange forward starting loans during 2019/20, where the interest rate is fixed in advance, but the cash is received in later years. This would enable certainty of cost to be achieved without suffering a cost of carry in the intervening period.

In addition, the Council may borrow further short-term loans to cover unplanned cash flow shortages.

Sources: The approved sources of long-term and short-term borrowing are:

- Public Works Loan Board (PWLB) and its successor body
- any institution approved for investments (see below)
- any other bank or building society authorised to operate in the UK
- UK public and private sector pension funds (except Nottinghamshire County Council Pension Fund)
- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues

In addition, capital finance may be raised by the following methods that are not borrowing, but may be classed as other debt liabilities:

- operating and finance leases
- hire purchase
- Private Finance Initiative
- sale and leaseback

3.5 Policy on borrowing in advance of need

The Council will not borrow more than or in advance of its needs purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance will be within forward approved Capital Financing Requirement estimates, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds.

Risks associated with any borrowing in advance activity will be subject to prior appraisal and subsequent reporting through the mid-year or annual reporting mechanism.

3.6 Debt rescheduling

As short-term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long-term debt to short-term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

- the generation of cash savings and / or discounted cash flow savings;
- helping to fulfil the treasury strategy;
- enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).

All rescheduling will be reported to the Executive Board, at the earliest meeting following its action.

3.7 Municipal Bond Agency

It is possible that the Municipal Bond Agency will be offering loans to local authorities in the future. The Agency hopes that the borrowing rates will be lower than those offered by the Public Works Loan Board (PWLB). This Authority may make use of this new source of borrowing as and when appropriate.

4 ANNUAL INVESTMENT STRATEGY

4.1 Investments – management of risk

The MHCLG and CIPFA have extended the meaning of ‘investments’ to include both financial and non-financial investments. This section of the report deals solely with financial investments, (as managed by the treasury management team). Non-financial investments, essentially the purchase of income yielding assets, are covered in the Capital Strategy, (a separate report).

The Council’s treasury investment strategy has regard to the following: -

- MHCLG’s Guidance on Local Government Investments (“the Guidance”)
- CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2017 (“the Code”)
- CIPFA Treasury Management Guidance Notes 2018

The above guidance from the MHCLG and CIPFA place a high priority on the management of risk. This authority has adopted a prudent approach to managing risk and defines its risk appetite by the following means:-

1. Minimum acceptable **credit criteria** are applied in order to generate a list of highly creditworthy counterparties. This also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the long-term credit ratings.
2. **Other information:** ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To achieve this consideration the Council will engage with its advisors to maintain a monitor on market pricing such as “**credit default swaps**” and overlay that information on top of the credit ratings.
3. **Other information sources** used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.
4. This authority has defined the list of **types of investment instruments** that the treasury management team are authorised to use. There are two lists in under the categories of ‘specified’ and ‘non-specified’ investments.
 - **Specified investments** are those with a high level of credit quality and subject to a maturity limit of one year.
 - **Non-specified investments** can be those with less high credit quality, or investments for periods in excess of one year, and/or are more complex instruments which require greater consideration before being authorised for use.
5. **Non-specified investments limit.** The Council has determined that it will limit the maximum total exposure to non-specified investments (see table 2 in section 4.2).

6. **Approved Counterparties and limits**, (amounts and maturity), for each type of counterparty will be set through applying the matrix table 1 in section 4.2.
7. **Investment limits** are set for each type of investment in table 3 in section 4.2.
8. This authority will set a limit for the amount of its investments which are invested for **longer than 365 days**, shown in table 4 in section 4.2.
9. Investments will only be placed with counterparties from countries with a specified minimum **sovereign rating**, (see section 4.2 – specified investments).
10. This authority has engaged **external consultants**, to provide expert advice on how to optimise an appropriate balance of security, liquidity and yield, given the risk appetite of this authority in the context of the expected level of cash balances and need for liquidity throughout the year.
11. All investments will be denominated in **sterling**.

4.2 Investment strategy

Context: The Council holds invested funds representing income received in advance of expenditure plus balances and reserves held. In the past 12 months, the Council's investment balance has ranged between £27m and £104m. Investment balances are expected to be maintained at a balance of around £30m in the forthcoming year, based on central case borrowing strategy in section 3.4.

Objectives: Both the CIPFA Code and the MHCLG Guidance require the Council to invest its funds prudently, and to have regard to the security and liquidity of its investments before seeking the highest rate of return, or yield. The Council's objective when investing money is to strike an appropriate balance between risk and return, minimising the risk of incurring losses from defaults and the risk receiving unsuitably low investment income.

Strategy: Given the increasing risk and continued low returns from short-term unsecured bank investments, the Council aims primarily to avoid credit risk by holding a minimum level of investments for cash flow liquidity purposes only. The majority of the Council's surplus cash is currently invested in highly liquid short-term unsecured bank deposits, short-term deposits with other local authorities and money market funds.

Should investment balances increase and are forecast to be available for a sustained period the Council will aim to diversify further into secured asset classes and look to invest for longer periods. The value to be obtained from longer term investments will be carefully assessed against the forecast for the Money Market Interest rates.

- If it is thought that Bank Rate is likely to rise significantly within the time horizon being considered, then consideration will be given to keeping most investments as being short term or variable.
- Conversely, if it is thought that Bank Rate is likely to fall within that time period, consideration will be given to locking in higher rates currently obtainable, for longer periods.

Investment returns expectations.

On the assumption that the UK and EU agree a Brexit deal in spring 2019, then Bank Rate is forecast to increase steadily but slowly over the next few years to reach 2.00% by quarter 1 2022. Bank Rate forecasts for financial year ends (March) are:

- 2018/19 0.75%
- 2019/20 1.25%
- 2020/21 1.50%
- 2021/22 2.00%

Approved Counterparties: The Council may invest its surplus funds with any of the counterparty types in table 1 below, subject to the cash limits (per counterparty) and the time limits shown.

Table 1: Approved Investment Counterparties and Limits			
Credit Rating	Banks Unsecured	Banks Secured	Government
UK Govt	n/a	n/a	£ Unlimited 50 years
AAA	£10m 5 years	£10m 20 years	£10m 50 years
AA+	£10m 2 years	£10m 10 years	£10m 25 years
AA	£10m 2 years	£10m 5 years	£10m 15 years
AA-	£10m 2 years	£10m 4 years	£10m 10 years
A+	£10m 2 years	£10m 3 years	£10m 5 years
A	£10m 13 months	£10m 2 years	£10m 5 years
A-	£10m 6 months	£10m 13 months	£10m 5 years
None	n/a	n/a	£10m 5 years
Pooled funds	£10m per fund		

This table must be read in conjunction with the notes below:-

Lloyds Bank: The Council's own bank, will be subject to the limits in table 1 for investment balances, but also accommodate necessary short-term cash management balances within its bank accounts for periods of up to 4 days with no maximum sum.

Credit Rating: Investment limits are set by reference to the lowest published long-term credit rating from Fitch, Moody's or Standard & Poor's. Where available, the credit rating relevant to the specific investment or class of investment is used, otherwise the counterparty credit rating is used. However, investment decisions are never made solely based on credit ratings, and all other relevant factors including external advice will be taken into account.

Banks Unsecured: Accounts, deposits, certificates of deposit and senior unsecured bonds with banks and building societies, other than multilateral development banks. These investments are subject to the risk of credit loss via a bail-in should the regulator determine that the bank is failing or likely to fail.

Banks Secured: Covered bonds, reverse repurchase agreements and other collateralised arrangements with banks and building societies. These investments are secured on the bank's assets, which limits the potential losses in the unlikely event of insolvency, and means that they are exempt from bail-in. Where there is no investment specific credit rating, but the collateral upon which the investment is secured has a credit rating, the highest of the collateral credit rating and the counterparty credit rating will be used to determine cash and time limits. The combined secured and unsecured investments in any one bank will not exceed the cash limit for secured investments.

Government: Loans, bonds and bills issued or guaranteed by national governments, regional and local authorities and multilateral development banks. These investments are not subject to bail-in, and there is an insignificant risk of insolvency. Investments with the UK Central Government may be made in unlimited amounts for up to 50 years.

Pooled Funds: Shares in diversified investment vehicles consisting of the any of the above investment types, plus corporate bonds, commercial paper, equity shares and property. These funds have the advantage of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a fee.

Short-term Money Market Funds that offer same-day liquidity and very low or no volatility (CNAV/LVNAV funds) will be used as an alternative to instant access bank accounts, while pooled funds whose value changes with market prices (VNAV funds) and/or have a notice period will be used for longer investment periods.

Risk Assessment and Credit Ratings:

Credit ratings are obtained and monitored by the Council's treasury advisers, who will notify changes in ratings as they occur. Where an entity has its credit rating downgraded so that it fails to meet the approved investment criteria then:

- no new investments will be made,
- any existing investments that can be recalled or sold at no cost will be, and full consideration will be given to the recall or sale of all other existing investments with the affected counterparty.

Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "rating watch negative" or "credit watch negative") so that it may fall below the approved rating criteria, then only investments that can be withdrawn on the next working day will be made with that organisation until the outcome of the review is announced. This policy will not apply to negative outlooks, which indicate a long-term direction of travel rather than an imminent change of rating.

Other Information on the Security of Investments: The Council understands that credit ratings are good, but not perfect, predictors of investment default. Full regard will therefore be given to other available information on the credit quality of the organisations in which it invests, including credit default swap prices, financial statements, information on potential government support and reports in the quality financial press. No investments will be made with an organisation if there are substantive doubts about its credit quality, even though it may meet the credit rating criteria.

When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2011, this is not generally reflected in credit ratings, but can be seen in other market measures. In these circumstances, the Council will restrict its investments to those organisations of higher credit quality and

reduce the maximum duration of its investments to maintain the required level of security. The extent of these restrictions will be in line with prevailing financial market conditions. If these restrictions mean that insufficient commercial organisations of high credit quality are available to invest the Council's cash balances, then the surplus will be deposited with the UK Government, via the Debt Management Office or invested in government treasury bills for example, or with other local authorities. This will cause a reduction in the level of investment income earned, but will protect the principal sum invested.

Specified Investments: The MHCLG Guidance defines specified investments as those:

- denominated in pound sterling,
- due to be repaid within 12 months of arrangement,
- not defined as capital expenditure by legislation, and
- invested with one of:
 - the UK Government,
 - a UK local authority, parish council or community council, or
 - a body or investment scheme of "high credit quality".

The Council defines "high credit quality" organisations and securities as those having a credit rating of A- or higher that are domiciled in the UK or a foreign country with a sovereign rating of AA+ or higher. For money market funds and other pooled funds "high credit quality" is defined as those having a credit rating of AAA from at least one of the main credit rating agencies.

Non-specified Investments: Any investment not meeting the definition of a specified investment is classed as non-specified. The Council does not intend to make any financial investments (treasury management investments) denominated in foreign currencies, nor any that are defined as capital expenditure by legislation, such as company shares. Non-specified treasury investments will therefore be limited to long-term investments, i.e. those that are due to mature 12 months or longer from the date of arrangement. The limits for non-specified investments is shown in table 3 below.

Table 2: Non-Specified Investment Limit	
	Cash limit
Unsecured Bank Investments > 365 days *	£10m
Secured Bank Investments > 365 days *	£40m
Government Investments > 365 days (inc Local Authorities) *	£100m
Total non-specified investments	£100m

* The table above shows the non-specified investment limits by the investment type. The investment limits in Table 1 & 3 also apply.

Investment Limits: The Council's revenue reserves available to cover investment losses are forecast to be c.£105 million on 31st March 2019. In order that no more than 10% of available reserves will be put at risk in the case of a single default, the maximum that will be lent unsecured to any one organisation (other than the UK Government) will be £10 million. A group of banks under the same ownership will be treated as a single organisation for limit purposes. Limits will also be placed on fund managers, investments in brokers' nominee accounts, foreign countries and industry sectors as below. Investments in pooled funds and multilateral development banks do not count against the limit for any single foreign country, since the risk is diversified over many countries.

Table 3: Investment Limits	
	Cash limit
Any single organisation, except the UK Central Government	£10m each
UK Central Government	unlimited
Any group of organisations under the same ownership	£10m per group
Any group of pooled funds under the same management	£20m per manager
Negotiable instruments held in a broker's nominee account	£50m per broker
Foreign countries	£20m per country
Money Market Funds (CNAV/LVNAV)	£75m in total
Other Pooled Funds (VNAV)	£20m in total

Investment treasury indicator and limit - total principal funds invested for greater than 365 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment, and are based on the availability of funds after each year-end including the flexibility to accelerate borrowing to manage interest rate risk as detailed in section 3.4.

Table 4: Upper limit for principal sums invested for longer than 365 days			
£m	2019/20	2020/21	2021/22
Principal sums invested for longer than 365 days	£100m	£100m	£50m
Current investments as at 31.12.18 in excess of 1 year maturing in each year	£0m	£0m	£0m

4.3 Investment risk benchmarking

These benchmarks are simple guides to maximum risk, so they may be breached from time to time, depending on movements in interest rates and counterparty criteria. The purpose of the benchmark is that officers will monitor the current and trend position and amend the operational strategy to manage risk as conditions change. Benchmarks will be reported against, in the mid-year or Annual Report.

Liquidity – in respect of this area the Council seeks to maintain:

- Bank overdraft - £0m
- Liquid short term deposits of at least £30m available with a week's notice.

Yield - local measures of yield benchmarks are:

- Investments – returns above the 7 day LIBID rate

4.4 Other Items

There are a number of additional items that the Council is obliged by CIPFA or MHCLG to include in its Treasury Management Strategy.

Liquidity Management: The Council uses purpose-built cash flow forecasting software to determine the maximum period for which funds may prudently be committed. The forecast is compiled on a prudent basis, with receipts under-

estimated and payments over-estimated to minimise the risk of the Council being forced to borrow on unfavourable terms to meet its financial commitments.

Policy on Use of Financial Derivatives: Local authorities have previously made use of financial derivatives embedded into loans and investments both to reduce interest rate risk (e.g. interest rate collars and forward deals) and to reduce costs or increase income at the expense of greater risk (e.g. LOBO loans and callable deposits). The general power of competence in Section 1 of the *Localism Act 2011* removes much of the uncertainty over local authorities' use of standalone financial derivatives (i.e. those that are not embedded into a loan or investment).

The Council will only use standalone financial derivatives (such as swaps, forwards, futures and options) where they can be clearly demonstrated to reduce the overall level of the financial risks that the Council is exposed to. Additional risks presented, such as credit exposure to derivative counterparties, will be taken into account when determining the overall level of risk. Embedded derivatives, including those present in pooled funds and forward starting transactions, will not be subject to this policy, although the risks they present will be managed in line with the overall treasury risk management strategy.

Financial derivative transactions may be arranged with any organisation that meets the approved investment criteria. The current value of any amount due from a derivative counterparty will count against the counterparty credit limit and the relevant foreign country limit.

Policy on Apportioning Interest to the HRA: On 1st April 2012, the Council notionally split each of its existing long-term loans into General Fund and HRA pools. In the future, new long-term loans borrowed will be assigned in their entirety to one pool or the other. Interest payable and other costs/income arising from long-term loans (e.g. premiums and discounts on early redemption) will be charged/ credited to the respective revenue account. Differences between the value of the HRA loans pool and the HRA's underlying need to borrow (adjusted for HRA balance sheet resources available for investment) will result in a notional cash balance which may be positive or negative. This balance will be measured and interest transferred between the General Fund and HRA at the average 3 month UK Government Treasury Bill interest rate to reflect a credit risk free return.

Management of treasury risk: Risk management plays a fundamental role in treasury activities, due to the value and nature of transactions involved. Details of the specific risks identified in respect of treasury management within the Council are adopted to form a Risk Management Action Plan. This Plan is reviewed at regular intervals at meetings of the Treasury Management Panel and is reported to Audit Committee for scrutiny as part of the Treasury Management Strategy Report.

UK banks – ring fencing: The largest UK banks, (those with more than £25bn of retail / Small and Medium-sized Enterprise (SME) deposits), are required, by UK law, to separate core retail banking services from their investment and international banking activities by 1st January 2019. This is known as “ring-fencing”. Ring-fencing is a regulatory initiative created in response to the global financial crisis. It mandates the separation of retail and SME deposits from investment banking, in order to improve the resilience and resolvability of banks by changing their structure. The Council will continue to assess the new-formed entities in the same way that it does others and those with sufficiently high ratings, (and any other metrics considered), will be considered for investment purposes.

5.1 THE CAPITAL PRUDENTIAL AND TREASURY INDICATORS 2019/20 – 2021/22

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist councillors' overview and confirm capital expenditure plans.

5.1.1 Capital expenditure & the Capital Financing Requirement

See paragraphs 2.1 & 2.2

5.1.2 Affordability prudential indicators

The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council's overall finances.

a. Ratio of financing costs to net revenue stream

This indicator identifies the trend in the cost of capital, (borrowing and other long term obligation costs net of investment income), against the net revenue stream.

%	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
General Fund	12.90%	16.46%	16.89%	18.27%	19.19%
HRA	12.41%	12.90%	13.17%	13.48%	13.64%

The estimates of financing costs include current commitments and the proposals in this report. The net revenue stream is shown as the total sum to be raised from government grants, business rates, council and other taxes (General Fund) and rent income (HRA). From 1 April 2012, the General fund income figure includes ring-fenced NET (tram) government grant and revenue raised from the Workplace Parking Levy.

b. HRA ratios

The first of two local HRA indicators below shows the ratio debt to revenue showing the sustainability of the debt load over the forecast period.

	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
HRA debt £m	294.703	289.200	295.877	310.765	309.039
HRA debt cap £m	319.784	319.784	319.784	319.784	319.784
HRA revenues £m	103.777	105.161	102.519	103.200	104.152
Ratio of debt to revenues %	2.8	2.8	2.9	3.0	3.0

The second indicator shows the HRA debt per dwelling based on the forecast debt level.

	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
HRA debt £m	294.703	289.200	295.877	310.765	309.039
Number of HRA dwellings	25,808	25,504	25,193	24,988	24,746
Debt per dwelling £'s	£11,419	£11,339	£11,744	£12,437	£12,488

5.1.3 Maturity structure of borrowing

Maturity structure of borrowing. These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits.

Maturity structure of fixed interest rate borrowing 2019/20		
	Lower	Upper
Under 12 months	0%	25%
12 months to 2 years	0%	25%
2 years to 5 years	0%	25%
5 years to 10 years	0%	25%
10 years to 25 years	0%	50%
25 years to 40 years	0%	50%
40 years and above	0%	50%

5.1.4 Control of interest rate exposure

Please see paragraphs 3.3, 3.4 and 4.2.

5.2 Annual Minimum Revenue Provision Statement 2019/20

The Council is required to pay off an element of the accumulated General Fund capital spend each year (the CFR) through a revenue charge (the minimum revenue provision - MRP), although it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP).

MHCLG regulations have been issued which require the full Council to approve an MRP Statement in advance of each year.

The following statement only incorporates options recommended in the Guidance as well as locally determined prudent methods.

- For capital expenditure incurred before 2007/08, and for supported capital expenditure incurred on or after that date, the MRP policy will be to charge an amount per Schedule A below. This charge is based on the principle of repaying the outstanding balance as 31 March 2016 over a 50 year period (2066/67) as per profile approved in 2017/18.
- For unsupported capital expenditure incurred after 2007/08, MRP will be determined by charging the expenditure over the expected useful life of the relevant assets in equal instalments *or* as the principal repayment on an annuity, starting in the year after the asset becomes operational. MRP on purchases of freehold land will be charged over 50 years. MRP on expenditure not related to fixed assets but which has been capitalised by regulation or direction will be charged over 20 years. (*Option 3 in the guidance*)
- For assets acquired by finance leases or the Private Finance Initiative, MRP will be determined as being equal to the element of the rent or charge that goes to write down the balance sheet liability.
- Where loans are made to other bodies for their capital expenditure, MRP will be charged or reduce the outstanding debt in line with the principal repayment profile in the 3rd party agreement.
- No MRP will be charged in respect of assets held within the Housing Revenue Account.
- Voluntary MRP may be made at the discretion of the Director of Finance.
- Capital receipts maybe voluntarily set-aside to clear debt and replaced with future prudential borrowing to temporarily reduce the MRP charge. This use of capital receipts will be at the discretion of the Director of Finance.
- MRP Overpayments - A change introduced by the revised MHCLG MRP Guidance was the allowance that any charges made over the statutory minimum revenue provision (MRP), voluntary revenue provision or overpayments, can, if needed, be reclaimed in later years if deemed necessary or prudent. In order for these sums to be reclaimed for use in the budget, this policy must disclose the cumulative overpayment made each year. Up until the 31 March 2019 the total VRP overpayments were £0.726m.

Capital expenditure incurred during 2019/20 will not be subject to a MRP charge until 2020/21.

Schedule A - MRP profile for outstanding Supported Borrowing

Supported Borrowing is capital expenditure incurred before 2007/08, and for supported capital expenditure incurred on or after that date.

	Year	MRP Payment	Supported Borrowing Balance
3	2019/20	76,894	204,810,349
4	2020/21	76,894	204,733,455
5	2021/22	76,894	204,656,561
6	2022/23	76,894	204,579,667
7	2023/24	76,893	204,502,774
8	2024/25	4,755,878	199,746,895
9	2025/26	4,755,878	194,991,017
10	2026/27	4,755,878	190,235,138
11	2027/28	4,755,878	185,479,260
12	2028/29	4,755,878	180,723,381
13	2029/30	4,755,878	175,967,503
14	2030/31	4,755,878	171,211,624
15	2031/32	4,755,878	166,455,746
16	2032/33	4,755,878	161,699,867
17	2033/34	4,755,878	156,943,989
18	2034/35	4,755,878	152,188,111
19	2035/36	4,755,878	147,432,232
20	2036/37	4,755,878	142,676,354
21	2037/38	4,755,878	137,920,475
22	2038/39	4,755,878	133,164,597
23	2039/40	4,755,878	128,408,718
24	2040/41	4,755,878	123,652,840
25	2041/42	4,755,878	118,896,961
26	2042/43	4,755,878	114,141,083
27	2043/44	4,755,878	109,385,204
28	2044/45	4,755,878	104,629,326
29	2045/46	4,755,878	99,873,448
30	2046/47	4,755,878	95,117,569
31	2047/48	4,755,878	90,361,691
32	2048/49	4,755,878	85,605,812
33	2049/50	4,755,878	80,849,934
34	2050/51	4,755,878	76,094,055
35	2051/52	4,755,878	71,338,177
36	2052/53	4,755,878	66,582,298
37	2053/54	4,755,878	61,826,420
38	2054/55	4,755,878	57,070,541
39	2055/56	4,755,878	52,314,663
40	2056/57	4,755,878	47,558,785
41	2057/58	4,755,878	42,802,906
42	2058/59	4,755,878	38,047,028
43	2059/60	4,755,878	33,291,149
44	2060/61	4,755,878	28,535,271
45	2061/62	4,755,878	23,779,392
46	2062/63	4,755,878	19,023,514
47	2063/64	4,755,878	14,267,635
48	2064/65	4,755,878	9,511,757
49	2065/66	4,755,878	4,755,878
50	2066/67	4,755,878	-

5.3 NOTTINGHAM CITY COUNCIL TREASURY MANAGEMENT POLICY STATEMENT

The following treasury management policy statement is required to be adopted annually by Full Council as part Treasury Management Strategy.

INTRODUCTION AND BACKGROUND

1.1 The Council adopts the key recommendations of CIPFA's Treasury Management in the Public Services: Code of Practice (the Code), as described in Section 5 of the Code.

1.2 Accordingly, the Council will create and maintain, as the cornerstones for effective treasury management:-

- A treasury management policy statement, stating the policies, objectives and approach to risk management of its treasury management activities
- Suitable treasury management practices (TMPs), setting out the manner in which the Council will seek to achieve those policies and objectives, and prescribing how it will manage and control those activities.

1.3 The Council (i.e. full Council) will receive reports on its treasury management policies, practices, activities and the annual treasury management strategy in advance of the year in the form prescribed in its TMPs.

1.4 The Council delegates responsibility for the implementation and monitoring of its treasury management policies and practices to Executive Board. Executive Board will receive reports as a minimum, an annual strategy and plan in advance of the year, a mid-year review and an annual report after its close, in the form prescribed in its TMPs. The Council delegates responsibility for the execution and administration of treasury management decisions to the Chief Financial Officer, who will act in accordance with the organisation's policy statement and TMPs and CIPFA's Standard of Professional Practice on Treasury Management.

1.5 The Council nominates Audit Committee to be responsible for ensuring effective scrutiny of the treasury management strategy and policies.

2 POLICIES AND OBJECTIVES OF TREASURY MANAGEMENT ACTIVITIES

2.1 The Council defines its treasury management activities as:

"The management of the organisation's investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks."

2.2 This Council regards the successful identification, monitoring and control of risk to be the prime criteria by which the effectiveness of its treasury management activities will be measured. Accordingly, the analysis and reporting of treasury management activities will focus on their risk implications for the organisation, and any financial instruments entered into to manage these risks.

2.3 This Council acknowledges that effective treasury management will provide support towards the achievement of its business and service objectives. It is therefore committed to the principles of achieving value for money in treasury management, and to employing suitable comprehensive performance measurement techniques, within the context of effective risk management.

2.4 The Council's borrowing will be affordable, sustainable, prudent and proportionate with its financial resources and consideration will be given to the management of interest rate risk and refinancing risk. The source from which the borrowing is taken and the type of borrowing should allow the Council transparency and control over its debt.

2.5 The Council's primary objective in relation to financial investments remains the security of capital. The liquidity or accessibility of the Council's financial investments followed by the yield earned on these investments remain important but are secondary considerations.

5.4 ECONOMIC BACKGROUND & FORECAST COMMENTARY

GLOBAL OUTLOOK. World growth has been doing reasonably well, aided by strong growth in the US. However, US growth is likely to fall back in 2019 and, together with weakening economic activity in China and the eurozone, overall world growth is likely to weaken.

Inflation has been weak during 2018 but, at long last, unemployment falling to remarkably low levels in the US and UK has led to an acceleration of wage inflation. The US Fed has therefore increased rates nine times and the Bank of England twice. However, the ECB is now probably unlikely to make a start on raising rates in 2019.

KEY RISKS - central bank monetary policy measures

Looking back on more than ten years since the financial crash of 2008 when liquidity suddenly dried up in financial markets, it can be assessed that central banks' monetary policy measures to counter the sharp world recession were successful. The key monetary policy measures they used were a combination of lowering central interest rates and flooding financial markets with liquidity, particularly through unconventional means such as quantitative easing (QE), where central banks bought large amounts of central government debt and smaller sums of other debt.

The key issue now is that period of stimulating economic recovery and warding off the threat of deflation, is coming towards its close. A new period is well advanced in the US, and started more recently in the UK, of reversing those measures i.e. by raising central rates and, (for the US), also reducing central banks' holdings of government and other debt. These measures are now required in order to stop the trend of a reduction in spare capacity in the economy and of unemployment falling to such low levels, that the re-emergence of inflation is viewed as a significant risk. It is, therefore, crucial that central banks get their timing right and do not cause shocks to market expectations that could destabilise financial markets. In particular, a key risk is that because QE-driven purchases of bonds drove up the price of government debt, and therefore caused a sharp drop in income yields, this also encouraged investors into a search for yield and into investing in riskier assets such as equities. Consequently, prices in both bond and equity markets rose to historically high valuation levels simultaneously. This meant that both asset categories were exposed to the risk of a sharp downward correction and we did, indeed, see a sharp fall in equity values in the last quarter of 2018 and into early 2019. It is important, therefore, that central banks only gradually unwind their holdings of bonds in order to prevent destabilising the financial markets. It is also likely that the timeframe for central banks unwinding their holdings of QE debt purchases will be over several years. They need to balance their timing to neither squash economic recovery, by taking too rapid and too strong action, or, conversely, let inflation run away by taking action that was too slow and/or too weak. **The potential for central banks to get this timing and strength of action wrong are now key risks.** It is particularly notable that, at its 30 January 2019 meeting, the Fed dropped its previous words around expecting further increases in interest rates; it merely said it would be "patient".

The world economy also needs to adjust to a sharp change in **liquidity creation** over the last five years where the US has moved from boosting liquidity by QE purchases, to reducing its holdings of debt, (currently about \$50bn per month). In addition, the European Central Bank ended its QE purchases in December 2018.

UK. 2018 was a year which started with weak growth of only 0.1% in quarter 1. However, quarter 2 rebounded to 0.4% in quarter 2 followed by quarter 3 being exceptionally strong at +0.6%. Quarter 4 though, was depressed by the cumulative weight of Brexit

uncertainty and came in at only +0.2%. Growth is likely to continue being weak until the Brexit fog clears.

The MPC has stated that future Bank Rate increases would be gradual and would rise to a much lower equilibrium rate, (where monetary policy is neither expansionary or contractionary), than before the crash; indeed they have given a figure for this of around 2.5% in ten years' time but have declined to give a medium term forecast. However, with so much uncertainty around Brexit, the next move could be up or down, even if there was a disorderly Brexit. While it would be expected that Bank Rate could be cut if there was a significant fall in GDP growth as a result of a disorderly Brexit, so as to provide a stimulus to growth, the MPC could also raise Bank Rate in the same scenario if there was a boost to inflation from increases in import prices, devaluation of sterling, and more expensive goods produced in the UK replacing cheaper goods previously imported, and so on. In addition, the Chancellor could provide fiscal stimulus to boost growth.

Inflation. The Consumer Price Index (CPI) measure of inflation has been falling from a peak of 3.1% in November 2017 to 2.1% in December 2018. In the February Bank of England quarterly Inflation Report, inflation was forecast to still be marginally above its 2% inflation target two years ahead given a scenario of minimal increases in Bank Rate.

The **labour market** figures in November were particularly strong with an emphatic increase in total employment of 141,000 over the previous three months, unemployment at 4.0%, a 43 year low on the Independent Labour Organisation measure, and job vacancies hitting an all-time high, indicating that employers are having major difficulties filling job vacancies with suitable staff. It was therefore unsurprising that wage inflation continued at its high point of 3.3%, (3 month average regular pay, excluding bonuses). This means that in real terms, (i.e. wage rates less CPI inflation), earnings are currently growing by about 1.2%, the highest level since 2009. This increase in household spending power is likely to feed through into providing some support to the overall rate of economic growth in the coming months. This tends to confirm that the MPC was right to start on a cautious increase in Bank Rate in August as it views wage inflation in excess of 3% as increasing inflationary pressures within the UK economy.

In the **political arena**, the Brexit deal put forward by the Conservative minority government was defeated on 15 January. Prime Minister May is currently, (mid-February), seeking some form of modification or clarification from the EU of the Irish border backstop issue.

However, our central position is that the Government will endure, despite various setbacks, along the route to reaching an orderly Brexit though the risks are increasing that it may not be possible to get full agreement by the UK and EU before 29 March 2019, in which case this withdrawal date is likely to be pushed back to a new date. If, however, the UK faces a general election in the next 12 months, this could result in a potential loosening of monetary and fiscal policy and therefore medium to longer dated gilt yields could rise on the expectation of a weak pound and concerns around inflation picking up.

USA. President Trump's massive easing of fiscal policy is fuelling a (temporary) boost in consumption which has generated an upturn in the rate of strong growth which rose from 2.2% (annualised rate) in quarter 1 to 4.2% in quarter 2 and 3.5%, (3.0% y/y), in quarter 3, but also an upturn in inflationary pressures. The strong growth in employment numbers and an unemployment rate of 4.0%, near to a recent 49 year low, has fed through to an upturn in wage inflation which hit 3.2% in December. However, CPI inflation overall fell to 1.9% in December and looks to be on a falling trend to continue below the Fed's target of 2% during 2019. The Fed has continued on its series of increases in interest rates with another 0.25% increase in December to between 2.25% and 2.50%, which was the fifth increase in 2018 and the ninth in this cycle. However, they dropped any specific reference to expecting further increases at their January 30 meeting. The last increase in

December compounded investor fears that the Fed could overdo the speed and level of increases in rates in 2019 and so cause a US recession as a result. There is also much evidence in previous monetary policy cycles of the Fed's series of increases doing exactly that. Consequently, we have seen stock markets around the world falling under the weight of fears around the Fed's actions, the trade war between the US and China and an expectation that world growth will slow. Since the more reassuring words of the Fed in January, equity values have recovered somewhat.

The tariff war between the US and China generated a lot of heat during 2018; it could significantly damage world growth if an agreement is not reached during the current three month truce declared by President Trump to hold off from further tariff increases.

Eurozone. Growth was 0.4% in quarters 1 and 2 but fell back to 0.2% in quarter 3, though this was probably just a temporary dip. In particular, data from Germany has been mixed and it could be negatively impacted by US tariffs on a significant part of its manufacturing exports e.g. cars. Current forward indicators for economic growth and inflation have now been on a downward trend for a significant period which will make it difficult for the ECB to make any start on increasing rates until 2020 at the earliest. Indeed, the issue now is rather whether the ECB will have to resort to new measures to boost liquidity in the economy in order to support growth. Having halved its quantitative easing purchases of debt in October 2018 to €15bn per month, the European Central Bank ended all further purchases in December 2018. In its January meeting, it made a point of underlining that it will be fully reinvesting all maturing debt for an extended period of time past the date at which it starts raising the key ECB interest rates.

China. Economic growth has been weakening over successive years, despite repeated rounds of central bank stimulus; medium term risks are increasing. Major progress still needs to be made to eliminate excess industrial capacity and the stock of unsold property, and to address the level of non-performing loans in the banking and credit systems. Progress has been made in reducing the rate of credit creation, particularly from the shadow banking sector, which is feeding through into lower economic growth. There are concerns that official economic statistics are inflating the published rate of growth.

Japan - has been struggling to stimulate consistent significant GDP growth and to get inflation up to its target of 2%, despite huge monetary and fiscal stimulus. It is also making little progress on fundamental reform of the economy. It is likely that loose monetary policy will endure for some years yet to try to stimulate growth and modest inflation.

Emerging countries. Argentina and Turkey are currently experiencing major headwinds and are facing challenges in external financing requirements well in excess of their reserves of foreign exchange. However, these countries are small in terms of the overall world economy, (around 1% each), so the fallout from the expected recessions in these countries will be minimal.

INTEREST RATE FORECASTS

The interest rate forecasts provided by Link Asset Services in paragraph 3.3 and below are **predicated on an assumption of an agreement being reached on Brexit between the UK and the EU.**

Link Asset Services Interest Rate View													
	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Bank Rate View	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%	1.75%	1.75%	2.00%
3 Month LIBID	0.70%	0.80%	1.00%	1.10%	1.20%	1.40%	1.50%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%
6 Month LIBID	0.80%	0.90%	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%
12 Month LIBID	1.00%	1.10%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.40%
5yr PWLB Rate	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%	2.60%	2.70%
10yr PWLB Rate	2.20%	2.30%	2.40%	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.00%
25yr PWLB Rate	2.70%	2.80%	2.90%	3.00%	3.10%	3.20%	3.20%	3.30%	3.40%	3.40%	3.50%	3.50%	3.60%
50yr PWLB Rate	2.50%	2.60%	2.70%	2.80%	2.90%	3.00%	3.00%	3.10%	3.20%	3.20%	3.30%	3.30%	3.40%

PWLB forecasts shown above include the 20 basis point certainty rate reduction.

On this basis, while GDP growth is likely to be subdued in 2019 due to all the uncertainties around Brexit depressing consumer and business confidence, an agreement is likely to lead to a boost to the rate of growth in subsequent years which could, in turn, increase inflationary pressures in the economy and so cause the Bank of England to resume a series of gentle increases in Bank Rate. Just how fast, and how far, those increases will occur and rise to, will be data dependent. The forecasts in this report assume a modest recovery in the rate and timing of stronger growth and in the corresponding response by the Bank in raising rates.

- In the event of an **orderly non-agreement exit**, it is likely that the Bank of England would take action to cut Bank Rate from 0.75% in order to help economic growth deal with the adverse effects of this situation. This is also likely to cause short to medium term gilt yields to fall.
- If there was a **disorderly Brexit**, then any cut in Bank Rate would be likely to last for a longer period and also depress short and medium gilt yields correspondingly. Quantitative easing could also be restarted by the Bank of England. It is also possible that the government could act to protect economic growth by implementing fiscal stimulus.

However, there would appear to be a majority consensus in the Commons against any form of non-agreement exit so the chance of this occurring has now substantially diminished.

The balance of risks to the UK

- The overall balance of risks to economic growth in the UK is probably neutral.
- The balance of risks to increases in Bank Rate and shorter term PWLB rates, are probably also even and are broadly dependent on how strong GDP growth turns out, how slowly inflation pressures subside, and how quickly the Brexit negotiations move forward positively.

One risk that is both an upside and downside risk, is that all central banks are now working in very different economic conditions than before the 2008 financial crash as there has been a major increase in consumer and other debt due to the exceptionally low levels of borrowing rates that have prevailed for ten years since 2008. This means that the neutral rate of interest in an economy, (i.e. the rate that is neither expansionary nor deflationary), is difficult to determine definitively in this new environment, although central banks have made statements that they expect it to be

much lower than before 2008. Central banks could therefore either over or under do increases in central interest rates.

Downside risks to current forecasts for UK gilt yields and PWLB rates currently include:

- **Brexit** – if it were to cause significant economic disruption and a major downturn in the rate of growth.
- **Bank of England** takes action too quickly, or too far, over the next three years to raise Bank Rate and causes UK economic growth, and increases in inflation, to be weaker than we currently anticipate.
- A resurgence of the **Eurozone sovereign debt crisis**, possibly **Italy**, due to its high level of government debt, low rate of economic growth and vulnerable banking system, and due to the election in March 2018 of a government which has made a lot of anti-austerity noise. The EU rejected the original proposed Italian budget and demanded cuts in government spending. The Italian government nominally complied with this rebuttal – but only by delaying into a later year the planned increases in expenditure. This particular can has therefore only been kicked down the road. The rating agencies have downgraded Italian debt to one notch above junk level. If Italian debt were to fall below investment grade, many investors would be unable to hold Italian debt. Unsurprisingly, investors are becoming increasingly concerned by the actions of the Italian government and consequently, Italian bond yields have risen sharply – at a time when the government faces having to refinance large amounts of debt maturing in 2019.
- Weak capitalisation of some **European banks**. Italian banks are particularly vulnerable; one factor is that they hold a high level of Italian government debt - debt which is falling in value. This is therefore undermining their capital ratios and raises the question of whether they will need to raise fresh capital to plug the gap.
- **German minority government**. In the German general election of September 2017, Angela Merkel's CDU party was left in a vulnerable minority position dependent on the fractious support of the SPD party, as a result of the rise in popularity of the anti-immigration AfD party. Then in October 2018, the results of the Bavarian and Hesse state elections radically undermined the SPD party and showed a sharp fall in support for the CDU. As a result, the SPD had a major internal debate as to whether it could continue to support a coalition that is so damaging to its electoral popularity. After the result of the Hesse state election, Angela Merkel announced that she would not stand for re-election as CDU party leader at her party's convention in December 2018. However, this makes little practical difference as she has continued as Chancellor. However, there are five more state elections coming up in 2019 and EU parliamentary elections in May/June; these could result in a further loss of electoral support for both the CDU and SPD which could also undermine her leadership.
- **Other minority EU governments**. Sweden, Spain, Portugal, Netherlands and Belgium all have vulnerable minority governments dependent on coalitions which could prove fragile.
- **Italy, Austria, the Czech Republic and Hungary** now form a strongly anti-immigration bloc within the EU. Elections to the EU parliament are due in May/June 2019.

- The increases in interest rates in the US during 2018, combined with a potential trade war between the USA and China, sparked major volatility in equity markets during the final quarter of 2018 and into 2019. Some **emerging market countries** which have borrowed heavily in dollar denominated debt, could be particularly exposed to investor flight from equities to safe havens, typically US treasuries, German bunds and UK gilts.
- There are concerns around the level of **US corporate debt** which has swollen massively during the period of low borrowing rates in order to finance mergers and acquisitions. This has resulted in the debt of many large corporations being downgraded to a BBB credit rating, close to junk status. Indeed, 48% of total investment grade corporate debt is now rated at BBB. If such corporations fail to generate profits and cash flow to reduce their debt levels as expected, this could tip their debt into junk ratings which will increase their cost of financing and further negatively impact profits and cash flow.
- **Geopolitical risks**, especially North Korea, but also in Europe and the Middle East, which could lead to increasing safe haven flows.

Upside risks to current forecasts for UK gilt yields and PWLB rates

- **Brexit** – if both sides were to agree a compromise that removed all threats of economic and political disruption.
- **The Fed causing a sudden shock in financial markets** through misjudging the pace and strength of increases in its Fed Funds Rate and in the pace and strength of reversal of QE, which then leads to a fundamental reassessment by investors of the relative risks of holding bonds, as opposed to equities. This could lead to a major flight from bonds to equities and a sharp increase in bond yields in the US, which could then spill over into impacting bond yields around the world.
- The **Bank of England is too slow** in its pace and strength of increases in Bank Rate and, therefore, allows inflationary pressures to build up too strongly within the UK economy, which then necessitates a later rapid series of increases in Bank Rate faster than we currently expect.
- **UK inflation**, whether domestically generated or imported, returning to sustained significantly higher levels causing an increase in the inflation premium inherent to gilt yields.

5.5 THE TREASURY MANAGEMENT ROLE OF THE SECTION 151 OFFICER

The S151 (responsible) officer

- recommending clauses, treasury management policy/practices for approval, reviewing the same regularly, and monitoring compliance;
- submitting regular treasury management policy reports;
- submitting budgets and budget variations;
- receiving and reviewing management information reports;
- reviewing the performance of the treasury management function;
- ensuring the adequacy of treasury management resources and skills, and the effective division of responsibilities within the treasury management function;
- ensuring the adequacy of internal audit, and liaising with external audit;
- recommending the appointment of external service providers.
- preparation of a capital strategy to include capital expenditure, capital financing, non-financial investments and treasury management, with a long term timeframe
- ensuring that the capital strategy is prudent, sustainable, affordable and prudent in the long term and provides value for money
- ensuring that due diligence has been carried out on all treasury and non-financial investments and is in accordance with the risk appetite of the authority
- ensure that the authority has appropriate legal powers to undertake expenditure on non-financial assets and their financing
- ensuring the proportionality of all investments so that the authority does not undertake a level of investing which exposes the authority to an excessive level of risk compared to its financial resources
- ensuring that an adequate governance process is in place for the approval, monitoring and ongoing risk management of all non-financial investments and long term liabilities
- provision to councillors of a schedule of all capital investments including material investments in subsidiaries, joint ventures, loans and financial guarantees
- ensuring that councillors are adequately informed and understand the risk exposures taken on by an authority
- ensuring that the authority has adequate expertise, either in house or externally provided, to carry out the above
- creation of Treasury Management Practices which specifically deal with how non treasury investments will be carried out and managed, to include the following: -
 - *Risk management (TMP1 and schedules), including investment and risk management criteria for any material capital investment portfolios;*
 - *Performance measurement and management (TMP2 and schedules), including methodology and criteria for assessing the performance and success of capital investments;*
 - *Decision making, governance and organisation (TMP5 and schedules), including a statement of the governance requirements for decision making in relation to capital investments; and arrangements to ensure that appropriate professional due diligence is carried out to support decision making;*

- *Reporting and management information (TMP6 and schedules), including where and how often monitoring reports are taken;*
- *Training and qualifications (TMP10 and schedules), including how the relevant knowledge and skills in relation to capital investments will be arranged.*