



North East Derbyshire District Council

Treasury Management Strategy 2021/22 – 2024/25

Introduction

- 1.1 Treasury Management is the management of the Council's cash flows, borrowing and investments, and the associated risks. The Council has borrowed and invested substantial sums of money and is therefore exposed to financial risks including the loss of invested funds and the revenue effect of changing interest rates. The successful identification, monitoring and control of financial risk are therefore central to the Council's prudent financial management.
- 1.2 Treasury risk management at the Council is conducted within the framework of the *Chartered Institute of Public Finance and Accountancy's Treasury Management in the Public Services: Code of Practice 2017 Edition* (the CIPFA Code) which requires the Council to approve a treasury management strategy before the start of each financial year. This report fulfils the Council's legal obligation under the *Local Government Act 2003* to have regard to the CIPFA code.
- 1.3 Investments held for service purposes or for commercial profit are considered in a different report, the investment Strategy.

External Context

- 1.4 **Economic background:** The impact on the UK from coronavirus, together with its exit from the European Union and future trading arrangements with the bloc, will remain a major influence on the Council's treasury management strategy for 2021/22.
- 1.5 The Bank of England (BoE) maintained Bank Rate at 0.10% in November 2020 and also extended its Quantitative Easing programme by £150 billion to £895 billion. The Monetary Policy Committee voted unanimously for both, but no mention was made of the potential future use of negative interest rates. Within the latest forecasts, the Bank expects the UK economy to shrink -2% in Q4 2020 before growing by 7.25% in 2021, lower than the previous forecast of 9%. The BoE also forecasts the economy

will now take until Q1 2022 to reach its pre-pandemic level rather than the end of 2021 as previously forecast.

- 1.6 UK Consumer Price Inflation (CPI) for September 2020 registered 0.5% year on year, up from 0.2% in the previous month. Core inflation, which excludes the more volatile components, rose to 1.3% from 0.9%. The most recent labour market data for the three months to August 2020 showed the unemployment rate rose to 4.5% while the employment rate fell to 75.6%. Both measures are expected to deteriorate further due to the ongoing impact of coronavirus on the jobs market, particularly when the various government job retention schemes start to be unwound in 2021, with the BoE forecasting unemployment will peak at 7.75% in Q2 2021. In August, the headline 3-month average annual growth rate for wages were 0% for total pay and 0.8% for regular pay. In real terms, after adjusting for inflation, total pay growth fell by -0.8% while regular pay was up 0.1%.
- 1.7 GDP growth fell by -19.8% in the second quarter of 2020, a much sharper contraction from -2.0% in the previous three months, with the annual rate falling -21.5% from -1.6%. All sectors fell quarter-on-quarter, with dramatic declines in construction (-35.7%), services (-19.2%) and production (-16.3%), and a more modest fall in agriculture (-5.9%). Monthly GDP estimates have shown the economy is recovering but remains well below its pre-pandemic peak. Looking ahead, the BoE's November Monetary Policy Report forecasts economic growth will rise in 2021 with GDP reaching 11% in Q4 2021, 3.1% in Q4 2022 and 1.6% in Q4 2023
- 1.8 GDP growth in the euro zone rebounded by 12.7% in Q3 2020 after contracting by -3.7% and -11.8% in the first and second quarters, respectively. Headline inflation, however, remains extremely weak, registering -0.3% year-on-year in October, the third successive month of deflation. Core inflation registered 0.2% y/y, well below the European Central Bank's (ECB) target of 'below, but close to 2%'. The ECB is expected to continue holding its main interest rate of 0% and deposit facility rate of -0.5% for some time with further monetary stimulus expected later in 2020.
- 1.9 The US economy contracted at an annualised rate of 31.7% in Q2 2020 and then rebounded by 33.1% in Q3. The Federal Reserve maintained the Fed Funds rate at between 0% and 0.25% and announced a change to its inflation targeting regime to a more flexible form of average targeting. The Fed also provided strong indications that interest rates are unlikely to change from current levels over the next three years.
- 1.10 Former vice-president Joe Biden won the 2020 US presidential election. Mr Biden is making tackling coronavirus his immediate priority and will also be reversing several executive orders signed by his predecessor and take the US back into the Paris climate accord and the World Health Organization.
- 1.11 **Credit outlook:** After spiking in late March as coronavirus became a global pandemic, credit default swap (CDS) prices for the larger UK banks have steadily fallen back to almost pre-pandemic levels. Although uncertainly around COVID-19

related loan defaults lead to banks provisioning billions for potential losses in the first half of 2020, drastically reducing profits, reported impairments for Q3 were much reduced in some institutions. However, general bank profitability in 2020 is likely to be significantly lower than in previous years.

- 1.12 The credit ratings for many UK institutions were downgraded on the back of downgrades to the sovereign rating. Credit conditions more generally though in banks and building societies have tended to be relatively benign, despite the impact of the pandemic.
- 1.13 Looking forward, the potential for bank losses to be greater than expected when government and central bank support starts to be removed remains a risk, suggesting a cautious approach to bank deposits in 2021/22 remains advisable.
- 1.14 **Interest rate forecast:** The Council's treasury management adviser Arlingclose is forecasting that Bank Rate will remain at 0.1% until at least the end of 2023. The risks to this forecast are judged to be to the downside as the BoE and UK government continue to react to the coronavirus pandemic and the Brexit transition period ending. The BoE extended its asset purchase programme to £895 billion in November while keeping Bank Rate on hold. However, further interest rate cuts to zero, or possibly negative, cannot yet be ruled out but this is not part of the Arlingclose central forecast.
- 1.15 Gilt yields are expected to remain very low in the medium-term while short-term yields are likely remain below or at zero until such time as the BoE expressly rules out the chance of negative interest rates or growth/inflation prospects improve. The central case is for 10-year and 20-year to rise to around 0.5% and 0.75% respectively over the time horizon. The risks around the gilt yield forecasts are judged to be broadly balanced between upside and downside risks, but there will almost certainly be short-term volatility due to economic and political uncertainty and events.
- 1.16 A more detailed economic and interest rate forecast provided by Arlingclose is attached at **Appendix A**.
- 1.17 For the purpose of setting the budget, it has been assumed that new treasury management investments will be made at an average rate of 0.01%, and that new long-term loans will be borrowed at an average rate of 0.05%.

Local Context

- 1.18 On 31st December 2020, the Council held £149.4m of borrowing and £43.0m of investments. This is set out in further detail at **Appendix B**. Forecast changes in these sums are shown in the balance sheet analysis in **Table 1** below.

Table 1: Balance sheet summary and forecast

	31/3/20 Actual £m	31/3/21 Estimate £m	31/3/22 Forecast £m	31/3/23 Forecast £m	31/3/24 Forecast £m	31/3/25 Forecast £m
General Fund CFR	12.5	13.7	19.6	22.8	20.6	15.7
HRA CFR	171.4	171.1	173.2	175.3	177.4	179.5
Total CFR	183.9	184.8	192.8	198.1	198.0	195.2
Less: Other debt liabilities *	0	0	0	0	0	0
Less: External borrowing **	(149.5)	(149.2)	(147.0)	(146.9)	(144.8)	(140.7)
Internal borrowing	34.4	35.6	45.8	51.2	53.2	54.5
Less: Usable reserves	(60.1)	(63.7)	(56.7)	(60.2)	(62.7)	(63.9)
Less: Working capital (balance)	(0.3)	(1.9)	(0.8)	(1.0)	(0.5)	(0.6)
Investments	26.0	30.0	11.7	10.0	10.0	10.0

* leases that form part of the Council's total debt.

** shows only loans to which the Council is committed and excludes optional refinancing

1.19 The underlying need to borrow for capital purposes is measured by the Capital Financing Requirement (CFR), while usable reserves and working capital are the underlying resources available for investment. The Council's current strategy is to maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing.

1.20 The Council has an increasing CFR due to commitments within the capital programme and also loans for Northwood Group Ltd and Rykneld Homes Ltd. The forecast level of reserves means that the majority of borrowing throughout this period is likely to be from internal resources.

1.21 CIPFA's Prudential Code for Capital Finance in Local Authorities recommends that the Council's total debt should be lower than its highest forecast CFR over the next three years. Table 1 shows that the Council expects to comply with this recommendation during 2021/22.

1.22 **Liability benchmark:** To compare the Council's actual borrowing against an alternative strategy, a liability benchmark has been calculated showing the lowest risk

level of borrowing. This assumes the same forecasts as **Table 1** above, but that cash and investment balances are kept to a minimum level of £10m at each year-end to maintain sufficient liquidity but minimise credit risk.

Table 2: Liability benchmark

	31/3/20 Actual £m	31/3/21 Estimate £m	31/3/22 Forecast £m	31/3/23 Forecast £m	31/3/24 Forecast £m	31/3/25 Forecast £m
CFR	183.9	184.8	192.8	198.1	198.0	195.2
Less: Usable reserves	(60.1)	(63.7)	(56.7)	(60.2)	(62.7)	(63.9)
Plus: Working capital	(0.3)	(1.9)	(0.8)	(1.0)	(0.5)	(0.6)
Plus: Minimum investments	10.0	10.0	10.0	10.0	10.0	10.0
Liability Benchmark	133.5	129.2	145.3	146.9	144.8	140.7

Borrowing Strategy

- 1.23 The Council currently holds £149m of loans, a decrease of £1m on the previous year, as part of its strategy for funding previous years' capital programmes. The balance sheet forecast in **Table 1** shows that the Council does not expect to need to borrow in 2021/22. The Council may however, borrow to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing of £202.762m.
- 1.24 **Objectives:** The Council's chief objective when borrowing money is to strike an appropriately low risk balance between securing low interest costs and achieving certainty of those costs 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.
- 1.25 **Strategy:** Given the significant cuts to public expenditure and in particular to local government funding, the Council's borrowing strategy continues to address the key issue of affordability without compromising the longer-term stability of the debt portfolio. With short-term interest rates currently much lower than long-term rates, it is likely to be more cost effective in the short-term to either use internal resources, or to borrow short-term loans instead.
- 1.26 By doing so, the Council is able to reduce net borrowing costs (despite foregone investment income) and reduce overall treasury risk. The benefits of internal borrowing will be monitored regularly against the potential for incurring additional costs by deferring borrowing into future years when long-term borrowing rates are forecast to rise modestly. Arlingclose 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 2021/22 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

- 1.27 The Council has previously raised all of its long-term borrowing from the PWLB but will consider long-term loans from other sources including banks, pensions and local authorities, and will investigate the possibility of issuing bonds and similar instruments, in order to lower interest costs and reduce over-reliance on one source of funding in line with the CIPFA Code. PWLB loans are no longer available to local authorities planning to buy investment assets primarily for yield; the Council intends to avoid this activity in order to retain its access to PWLB loans.
- 1.28 Alternatively, the Council may arrange forward starting loans during 2021/22, 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.
- 1.29 In addition, the Council may borrow short-term loans to cover unplanned cash flow shortages.
- 1.30 **Sources of borrowing:** The approved sources of long-term and short-term borrowing are:
- HM Treasury's PWLB lending facility (formerly the Public Works Loan Board)
 - any institution approved for investments (see below)
 - any other bank or building society authorised to operate in the UK
 - any other UK public sector body
 - UK public and private sector pension funds (except Derbyshire 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
- 1.31 **Other sources of debt finance:** In addition, capital finance may be raised by the following methods that are not borrowing, but may be classed as other debt liabilities:
- leasing
 - hire purchase
 - Private Finance Initiative
 - sale and leaseback
- 1.32 The Council has previously raised all of its long-term borrowing from the PWLB but it continues to investigate other sources of finance, such as local authority loans and bank loans that may be available at more favourable rates.
- 1.33 **Municipal Bonds Agency:** UK Municipal Bonds Agency plc was established in 2014 by the Local Government Association as an alternative to the PWLB. It issues bonds on the capital markets and lends the proceeds to local authorities. This is a more complicated source of finance than the PWLB for two reasons: borrowing authorities

will be required to provide bond investors with a guarantee to refund their investment in the event that the agency is unable to for any reason; and there will be a lead time of several months between committing to borrow and knowing the interest rate payable. Any decision to borrow from the Agency will therefore be the subject of a separate report to Council.

- 1.34 **LOBOs:** The Council doesn't hold or intend to hold any LOBO (Lender's Option Borrower's Option) loans.
- 1.35 **Short-term and variable rate loans:** These loans leave the Council exposed to the risk of short-term interest rate rises and are therefore subject to the interest rate exposure limits in the treasury management indicators below. Financial derivatives may be used to manage this interest rate risk (see section below).
- 1.36 **Debt rescheduling:** The PWLB allows authorities to repay loans before maturity and either pay a premium or receive a discount according to a set formula based on current interest rates. The Council may take advantage of this and replace some loans with new loans, or repay loans without replacement, where this is expected to lead to an overall cost saving or a reduction in risk.

Treasury Investment Strategy

- 1.37 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 treasury investment balance has ranged between £26.0m and £43.5m, and similar levels are expected to be maintained in the forthcoming year.
- 1.38 **Objectives:** The CIPFA Code requires the Council to invest its treasury 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 of receiving unsuitably low investment income.
- 1.39 Where balances are expected to be invested for more than one year, the Council will aim to achieve a total return that is equal or higher than the prevailing rate of inflation, in order to maintain the spending power of the sum invested.
- 1.40 **Negative interest rates:** The COVID-19 pandemic has increased the risk that the Bank of England will set its Bank Rate at or below zero, which is likely to feed through to negative interest rates on all low risk, short-term investment options. Since investments cannot pay negative income, negative rates will be applied by reducing the value of investments. In this event, security will be measured as receiving the contractually agreed amount at maturity, even though this may be less than the amount originally invested.

- 1.41 **Strategy:** Given the increasing risk and very low returns from short-term unsecured bank investments, the Council aims to further diversify into more secure and/or higher yielding asset classes during 2021/22. The majority of the Council’s surplus cash is currently invested in short-term unsecured bank deposits, local authorities and money market funds. This diversification will represent a continuation of the strategy currently adopted.
- 1.42 **Business models:** Under the new IFRS 9 standard, the accounting for certain investments depends on the Council’s “business model” for managing them. The Council aims to achieve value from its internally managed treasury investments by a business model of collecting the contractual cash flows and therefore, where other criteria are also met, these investments will continue to be accounted for at amortised cost.
- 1.43 **Approved counterparties:** The Council may invest its surplus funds with any of the counterparty types in **Table 3** below, subject to the cash limits (per counterparty) and the time limits shown.

Table 3: Approved investment counterparties and limits

Sector	Time limit	Counterparty limit	Sector limit
The UK Government	50 years	Unlimited	n/a
Local authorities & other government entities	25 years	£5m	Unlimited
Secured investments *	25 years	£5m	Unlimited
Banks (unsecured) *	13 months	£5m	Unlimited
Building societies (unsecured) *	13 months	£5m	£20m
Registered providers (unsecured) *	5 years	£5m	£20m
Money market funds *	n/a	£5m	Unlimited
Strategic pooled funds	n/a	£5m	£20m
Real estate investment trusts	n/a	£5m	£20m
Other investments *	5 years	£5m	£20m

- 1.44 * **Minimum credit rating:** Treasury investments in the sectors marked with an asterisk will only be made with entities whose lowest published long-term credit rating is no lower than A-. 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.

- 1.45 For entities without published credit ratings, investments may be made either (a) where external advice indicates the entity to be of similar credit quality; or (b) to a maximum of £5m per counterparty as part of a diversified pool e.g. via a peer-to-peer platform.
- 1.46 **Government:** Loans to, and 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 generally a lower risk of insolvency, although they are not zero risk. Investments with the UK Government are deemed to be zero credit risk due to its ability to create additional currency and therefore may be made in unlimited amounts for up to 50 years.
- 1.47 **Secured Investments:** Investments secured on the borrower's assets, which limits the potential losses in the event of insolvency. The amount and quality of the security will be a key factor in the investment decision. Covered bonds and reverse repurchase agreements with banks and building societies 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 higher of the collateral credit rating and the counterparty credit rating will be used. The combined secured and unsecured investments with any one counterparty will not exceed the cash limit for secured investments.
- 1.48 **Banks and building societies (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. See below for arrangements relating to operational bank accounts.
- 1.49 **Registered providers (unsecured):** Loans to, and bonds issued or guaranteed by, registered providers of social housing or registered social landlords, formerly known as housing associations. These bodies are regulated by the Regulator of Social Housing (in England), the Scottish Housing Regulator, the Welsh Government and the Department for Communities (in Northern Ireland). As providers of public services, they retain the likelihood of receiving government support if needed. .
- 1.50 **Money market funds:** Pooled funds that offer same-day or short notice liquidity and very low or no price volatility by investing in short-term money markets. They have the advantage over bank accounts of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a small fee. Although no sector limit applies to money market funds, the Authority will take care to diversify its liquid investments over a variety of providers to ensure access to cash at all times.
- 1.51 **Strategic pooled funds:** Bond, equity and property funds that offer enhanced returns over the longer term but are more volatile in the short term. These allow the Authority to diversify into asset classes other than cash without the need to own and manage

the underlying investments. Because these funds have no defined maturity date, but are available for withdrawal after a notice period, their performance and continued suitability in meeting the Authority's investment objectives will be monitored regularly.

- 1.52 **Real estate investment trusts:** Shares in companies that invest mainly in real estate and pay the majority of their rental income to investors in a similar manner to pooled property funds. As with property funds, REITs offer enhanced returns over the longer term, but are more volatile especially as the share price reflects changing demand for the shares as well as changes in the value of the underlying properties. Investments in REIT shares cannot be withdrawn but can be sold on the stock market to another investor.
- 1.53 **Other investments:** This category covers treasury investments not listed above, for example unsecured corporate bonds and company loans. Non-bank companies cannot be bailed-in but can become insolvent placing the Authority's investment at risk.
- 1.54 **Operational bank accounts:** The Council may incur operational exposures, for example through current accounts, collection accounts and merchant acquiring services, to any UK bank with credit ratings no lower than BBB- and with assets greater than £25 billion. These are not classed as investments, but are still subject to the risk of a bank bail-in, and balances will therefore be kept at £5m per bank. The Bank of England has stated that in the event of failure, banks with assets greater than £25 billion are more likely to be bailed-in than made insolvent, increasing the chance of the Council maintaining operational continuity.
- 1.55 **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. The credit rating agencies in current use are listed in the Treasury Management Practices document. 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.
- 1.56 Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "negative watch") 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.

- 1.57 **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, reports in the quality financial press and analysis and advice from the Council's treasury management adviser. No investments will be made with an organisation if there are substantive doubts about its credit quality, even though it may otherwise meet the above criteria.
- 1.58 When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2020, 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 investment returns to fall, but will protect the principal sum invested.
- 1.59 **Investment limits:** The Council's revenue reserves available to cover investment losses are forecast to be £17.9 million on 31st March 2021. In order that no more than 27.9% of available reserves will be put at risk in the case of a single default, the maximum that will be lent to any one organisation (other than the UK Government) will be £5 million. A group of entities under the same ownership will be treated as a single organisation for limit purposes.
- 1.60 Credit risk exposures arising from non-treasury investments, financial derivatives and balances greater than £5,000,000 in operational bank accounts count against the relevant investment limits.
- 1.61 Limits are also placed on fund managers, investments in brokers' nominee accounts and foreign countries 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 4: Additional Investment limits

	Cash limit
Any group of pooled funds under the same management	£5m per manager
Negotiable instruments held in a broker's nominee account	£5m per broker
Foreign countries	£5m per country

- 1.62 **Liquidity management:** The Council uses its own cash flow forecasting techniques to determine the maximum period for which funds may prudently be committed. The forecast is compiled on a prudent basis to minimise the risk of the Council being forced to borrow on unfavourable terms to meet its financial commitments. Limits on long-term investments are set by reference to the Council's medium-term financial plan and cash flow forecast.
- 1.63 The Authority will spread its liquid cash over a number of providers (e.g. bank accounts and money market funds) to ensure that access to cash is maintained in the event of operational difficulties at any one provider.

Treasury Management Indicators

- 1.64 The Council measures and manages its exposures to treasury management risks using the following indicators:
- 1.65 **Security:** The Authority has adopted a voluntary measure of its exposure to credit risk by monitoring the value-weighted average credit rating of its investment portfolio. This is calculated by applying a score to each investment (AAA=1, AA+=2, etc.) and taking the arithmetic average, weighted by the size of each investment. Unrated investments are assigned a score based on their perceived risk.

Credit risk indicator	
Portfolio average credit rating	Target <3.0
Current portfolio average credit rating on investments	Actual 1.2

- 1.66 **Liquidity:** The Authority has adopted a voluntary measure of its exposure to liquidity risk by monitoring the amount of cash available to meet unexpected payments within a rolling three month period, without additional borrowing.

Liquidity risk indicator	Amount available
Total cash available within 3 months	£40m

- 1.67 **Interest rate exposures:** This indicator is set to control the Council's exposure to interest rate risk. The upper limits on the one-year revenue impact of a 1% rise or fall in interest rates will be:

Interest rate risk indicator	Limit each year
Upper limit on one-year revenue impact of a 1% <u>rise</u> in interest rates	£1.5m
Upper limit on one-year revenue impact of a 1% <u>fall</u> in interest rates	(£1.5m)

- 1.68 The impact of a change in interest rates is calculated on the assumption that maturing loans and investments will be replaced at current rates.
- 1.69 **Maturity structure of borrowing:** This indicator is set to control the Council's exposure to refinancing risk. The upper and lower limits on the maturity structure of borrowing will be:

Refinancing rate risk indicator	Upper limit	Lower limit
Under 12 months	20%	0%
12 months and within 24 months	20%	0%
24 months and within 5 years	40%	0%
5 years and within 10 years	40%	0%
10 years and above	90%	0%

- 1.70 Time periods start on the first day of each financial year. The maturity date of borrowing is the earliest date on which the lender can demand repayment.
- 1.71 **Principal sums invested for periods longer than a year:** The purpose of this indicator is to control the Authority's exposure to the risk of incurring losses by seeking early repayment of its investments. The limits on the long-term principal sum invested to final maturities beyond the period end will be:

Price risk indicator	2021/22	2022/23	2023/24
Limit on principal invested beyond year end	£20m	£20m	£20m

Related Matters

- 1.72 The CIPFA Code requires the Council to include the following in its treasury management strategy.
- 1.73 **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).

- 1.74 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.
- 1.75 Financial derivative transactions may be arranged with any organisation that meets the approved investment criteria, assessed using the appropriate credit rating for derivative exposures. An allowance for credit risk calculated using the methodology in the Treasury Management Practices document will count against the counterparty credit limit and the relevant foreign country limit.
- 1.76 In line with the CIPFA code, the Council will seek external advice and will consider that advice before entering into financial derivatives to ensure that it fully understands the implications.
- 1.77 **Markets in Financial Instruments Directive:** The Council has opted up to professional client status with its providers of financial services, including advisers, banks, brokers and fund managers, allowing it access to a greater range of services but without the greater regulatory protections afforded to individuals and small companies. Given the size and range of the Council's treasury management activities, the Chief Financial Officer believes this to be the most appropriate status.
- 1.78 **Financial Implications:** The General Fund budget for investment income in 2021/22 is £0.028m with the HRA budget for investment income in 2021/22 being £0.061m, based on an average investment portfolio of £20.0m at an average interest rate of 0.03%. The General Fund budget for debt interest paid in 2021/22 is £0.213m with the HRA budget for debt interest paid in 2021/22 being £5.016m, based on an average debt portfolio of £149.3m at an average interest rate of 3.53%. If actual levels of investments and borrowing, or actual interest rates, differ from those forecast, performance against budget will be correspondingly different.

Other Options Considered

- 1.79 The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. The Chief Financial Officer, having consulted the Cabinet Member for Finance, believes that the above strategy represents an appropriate balance between risk management and cost effectiveness. Some

alternative strategies, with their financial and risk management implications, are listed below.

Alternative	Impact on income and expenditure	Impact on risk management
Invest in a narrower range of counterparties and/or for shorter times	Interest income will be lower	Lower chance of losses from credit related defaults, but any such losses may be greater
Invest in a wider range of counterparties and/or for longer times	Interest income will be higher	Increased risk of losses from credit related defaults, but any such losses may be smaller
Borrow additional sums at long-term fixed interest rates	Debt interest costs will rise; this is unlikely to be offset by higher investment income	Higher investment balance leading to a higher impact in the event of a default; however long-term interest costs may be more certain
Borrow short-term or variable loans instead of long-term fixed rates	Debt interest costs will initially be lower	Increases in debt interest costs will be broadly offset by rising investment income in the medium term, but long-term costs may be less certain
Reduce level of borrowing	Saving on debt interest is likely to exceed lost investment income	Reduced investment balance leading to a lower impact in the event of a default; however long-term interest costs may be less certain

Appendix A

Economic & Interest Rate Forecast (Arlingclose November 2020)

Underlying assumptions:

- The medium-term global economic outlook remains weak. Second waves of Covid cases have prompted more restrictive measures and further lockdowns in Europe and the UK. This ebb and flow of restrictions on normal activity will continue for the foreseeable future, at least until an effective vaccine is produced and importantly, distributed.
- The global central bank and government responses have been significant and are in many cases on-going, maintaining more stable financial, economic and social conditions than otherwise.
- Although these measures supported a sizeable economic recovery in Q3, the imposition of a second national lockdown in England during November will set growth back and likely lead to a fall in GDP in Q4.
- Signs of a slowing economic recovery were already evident in UK monthly GDP and PMI data, even before the latest restrictions. Despite some extension to fiscal support measures, unemployment is expected to rise when these eventually come to an end in mid-2021.
- This situation will result in central banks maintaining low interest rates for the medium term. In the UK, Brexit is a further complication. Bank Rate is therefore likely to remain at low levels for a very long time, with a distinct possibility of being cut to zero. Money markets continue to price in a chance of negative Bank Rate.
- Longer-term yields will also remain depressed, anchored by low central bank policy rates, expectations for potentially even lower rates and insipid inflation expectations. There is a chance yields may follow a slightly different path in the medium term, depending on investor perceptions of growth and inflation, the development of a vaccine or if the UK leaves the EU without a deal.

Forecast:

- Arlingclose expects Bank Rate to remain at the current 0.10% level.
- Additional monetary loosening through increased financial asset purchases was delivered as we expected. Our central case for Bank Rate is no change, but further cuts to zero, or perhaps even into negative territory, cannot be completely ruled out.

- Gilt yields will remain low in the medium term. Shorter term gilt yields are currently negative and will remain around zero or below until either the Bank expressly rules out negative Bank Rate or growth/inflation prospects improve.
- Downside risks remain in the near term, as the government continues to react to the escalation in infection rates and the Brexit transition period comes to an end.

	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23
Official Bank Rate													
Upside risk	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.30	0.30	0.30	0.30	0.30	0.30
Arlingclose Central Case	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Downside risk	-0.10	-0.20	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
3-month money market rate													
Upside risk	0.05	0.05	0.05	0.10	0.10	0.15	0.20	0.30	0.30	0.30	0.30	0.30	0.30
Arlingclose Central Case	0.10	0.10	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Downside risk	-0.40	-0.40	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
5yr gilt yield													
Upside risk	0.40	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70
Arlingclose Central Case	0.00	0.00	0.05	0.10	0.15	0.15	0.20	0.20	0.25	0.25	0.25	0.25	0.25
Downside risk	-0.30	-0.40	-0.50	-0.55	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60
10yr gilt yield													
Upside risk	0.40	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70
Arlingclose Central Case	0.30	0.30	0.35	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.55	0.55	0.55
Downside risk	-0.30	-0.40	-0.50	-0.55	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
20yr gilt yield													
Upside risk	0.40	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70
Arlingclose Central Case	0.70	0.70	0.70	0.75	0.75	0.75	0.80	0.80	0.85	0.85	0.85	0.85	0.85
Downside risk	-0.20	-0.20	-0.25	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30
50yr gilt yield													
Upside risk	0.40	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70
Arlingclose Central Case	0.60	0.60	0.60	0.65	0.65	0.65	0.70	0.70	0.75	0.75	0.75	0.75	0.75
Downside risk	-0.20	-0.20	-0.25	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30	-0.30

PWLB Certainty Rate (Maturity Loans) = Gilt yield + 1.80%

PWLB HRA Rate = Gilt yield + 0.80%

PWLB Local Infrastructure Rate (Maturity Loans) = Gilt yield + 0.60%

Appendix B

Existing Investment & Debt Portfolio Position

	31/12/20 Actual Portfolio £m	31/12/20 Average Rate %
External borrowing:		
Public Works Loan Board	149	3.53
Total external borrowing	149	3.53
Total other long-term liabilities:	0	0
Total gross external debt	149	3.53
Treasury investments:		
The UK Government	3	0.01
Local authorities	3	0.18
Banks (unsecured)	0	0.00
Money Market Funds	37	0.01
Total treasury investments	43	0.03
Net debt	106	