

COTSWOLD DISTRICT COUNCIL
TREASURY MANAGEMENT STRATEGY STATEMENT
2020/2021

1. Introduction

Treasury management is the management of the Council's cash flows, borrowing and investments, and the associated risks. The Council has substantial investments 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.

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.

Investments held for service purposes or for commercial profit are considered in the Investment Strategy 2021/22. [Link to be inserted](#)

2. Economic background

The impact on the UK from Covid-19, lockdown measures, the rollout of vaccines, as well as the new trading arrangements with the European Union (EU), will remain major influences on the Council's Treasury Management Strategy for 2021/22.

The Bank of England (BoE) maintained Bank Rate at 0.10% in December 2020 and Quantitative Easing programme at £895 billion having extended it by £150 billion in the previous month. The Monetary Policy Committee (MPC) voted unanimously for both, but no mention was made of the potential future use of negative interest rates. In the November Monetary Policy Report (MPR) 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. By the time of the December MPC announcement, a Covid-19 vaccine was approved for use, which the Bank noted would reduce some of the downside risks to the economic outlook outlined in the November MPR.

UK Consumer Price Inflation (CPI) for November 2020 registered 0.3% year on year, down from 0.7% in the previous month. Core inflation, which excludes the more volatile components, fell to 1.1% from 1.5%. The most recent labour market data for the three months to October 2020 showed the unemployment rate rose to 4.9% while the employment

rate fell to 75.2%. Both measures are expected to deteriorate further due to the ongoing impact of Covid-19 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 October, the headline 3-month average annual growth rate for wages was 2.7% for total pay and 2.8% for regular pay. In real terms, after adjusting for inflation, total pay growth was up by 1.9% while regular pay was up 2.1%.

GDP growth rebounded by 16.0% in Q3 2020 having fallen by -18.8% in the second quarter, with the annual rate rising to -8.6% from -20.8%. All sectors rose quarter-on-quarter, with dramatic gains in construction (41.2%), followed by services and production (both 14.7%). Monthly GDP estimates have shown the economic recovery slowing and remains well below its pre-pandemic peak. Looking ahead, the BoE's November MPR 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.

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 November, 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 but expanded its monetary stimulus in December 2020, increasing the size of its asset purchase scheme to €1.85 trillion and extending it until March 2022.

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.

Former vice-president Joe Biden won the 2020 US presidential election. Mr Biden is making tackling Covid-19 his immediate priority and will also be reversing several executive orders signed by his predecessor and taking the US back into the Paris Climate Accord and the World Health Organization.

Credit outlook

After spiking in late March as Covid-19 became a global pandemic and then rising again in October/November, 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 led 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 and 2021 may be significantly lower than in previous years.

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. 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.

A more detailed economic and interest rate forecast provided by Arlingclose is attached at **Appendix A**.

3. Interest rate forecast

The Council's treasury management adviser Arlingclose is forecasting that BoE Bank Rate will remain at 0.1% until at least the first quarter of 2024. The risks to this forecast are judged to be to the downside as the BoE and UK government continue to react to the Covid-19 pandemic and the new EU trading arrangements. The BoE extended its asset purchase programme to £895 billion in November while keeping Bank Rate on hold and maintained this position in December. 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.

Gilt yields are expected to remain very low in the medium-term while short-term yields are likely to 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 0.60% and 0.90% 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.

4. Balances

On 31st December 2020, the Council held £28.596m 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 £million	31.3.21 Estimate £million	31.3.22 Forecast £million	31.3.23 Forecast £million	31.3.23 Forecast £million
General Fund CFR	0.100	2.320	18.423	41.418	63.918
Less External Borrowing	0	0	16.000	39.000	63.000

Internal borrowing	(0.100)	(2.320)	(2.423)	(2.418)	(0.918)
Usable reserves	22.300	14.779	15.621	13.455	10.815
Working capital	2.700	2.700	2.700	2.700	2.700
Investments	24.900	15.159	15.898	13.737	12.597

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 investments below their underlying levels, sometimes known as internal borrowing.

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 currently has no debt however, the Council's capital expenditure plans will require funding from external borrowing resulting in a positive Capital Financing Requirement (CFR). The Council will comply with the Prudential Code as the debt will be lower than the CFR.

5. Borrowing Strategy

The Council currently does not hold any debt, but it is expected that some temporary borrowing could occur in the latter part of 2020/21 and further into 2021/22 to fund the daily cash-flow. The Council has an increasing CFR due to the capital programme. The Council's investments are not large enough to fully fund the capital programme and the Council will therefore be required to borrow up to £63 million over the forecast period.

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 service activity. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities.

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.

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.

By doing so, the Council is able to reduce net borrowing costs (despite foregone investment income) and reduce overall treasury risk. The benefits of short-term 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. The breakeven analysis will support the decision on whether the Council borrows 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.

The preferred option for borrowing is to use the Public Works Loan Board (PWLB). The Council will also 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. This reduces 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.

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

Sources of borrowing

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

- HM Treasury's PWLB lending facility (formerly 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 Gloucestershire 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

Other sources of debt finance

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

- leasing
- hire purchase
- Private Finance Initiative
- sale and leaseback

Municipal Bonds Agency

The 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 full Council.

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 limit on the net exposure to variable interest rates in the treasury management indicators below.

6. Investment Strategy

The Council holds significant 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 £19million and £60million, but levels in 2021/22 are expected to fall in the range of £15 million and £33 million in the forthcoming year as the Council funds significant capital expenditure from capital receipts and earmarked reserves. The forecast average investment balance for 2021/22 is estimated to be around £29.5million.

Objectives

The CIPFA Code requires 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 of receiving unsuitably low investment income. 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.

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.

Strategy

Given the increasing risk and very low returns from short-term unsecured bank investments, the Council will look to diversify into more secure and/or higher yielding asset classes during

2021/22, if and when required, as it has done so for many years now. The majority of the Council's surplus cash is currently invested in, money market funds and pooled funds.

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.

Approved counterparties

The Council may invest its surplus funds with any of the counterparty types in table 2 below, subject to the cash limits (per counterparty) and the time limits shown.

Table 2: 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	£3m	Unlimited
Secured investments *	25 years	£3m	Unlimited
Banks (unsecured) *	13 months	£3m	Unlimited
Building societies (unsecured) *	13 months	£2m	£10m
Registered providers (unsecured) *	5 years	£3m	£5m
Money market funds *	n/a	£3m	Unlimited
Strategic pooled funds	n/a	£3m	£20m
Real estate investment trusts	n/a	£3m	£20m
Other investments *	5 years	£1m-£3m	£10m

** investments in these sectors will only be made with entities whose lowest published long-term credit rating is no lower than A-*

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. For entities without published credit ratings, investments may be made where external advice indicates the entity to be of similar credit quality.

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 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.

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.

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.

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. If the Registered Provider has no credit rating then due diligence checks through Arlingclose will be carried out beforehand.

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 Council will take care to diversify its liquid investments over a variety of providers to ensure access to cash at all times.

Strategic Pooled funds

Bond, equity and property funds offer enhanced returns over the longer term, but are more volatile in the short term. These allow the Council 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 Council's investment objectives will be monitored regularly.

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.

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 Council's investment at risk.

Operational bank accounts

The Council banks with Lloyds (Lloyds Banking Group). On adoption of this Strategy, it will meet the minimum credit criteria of A- (or equivalent) long term. It is the Council's intention that even if the credit rating of Lloyds Bank falls below the minimum criteria A- the bank will continue to be used for short term liquidity requirements (overnight and weekend investments) and business continuity arrangements.

Policy Investments

The Council will provide cash-flow cover for third-party organisations linked to the Council. The following limit is set for 2021/22:

- Publica Group - £500k up to one year duration
- Ubico - £500k up to one year duration

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 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 credit rating criteria.

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.

Investment limits

The Council’s reserves available to cover investment losses are forecast to be £15 million on 31st March 2021. In order that no more than 25% 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 £3 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 4: Investment limits

	Cash limit
Any single organisation, except the UK Central Government	£3m each
UK Central Government	unlimited

Any group of organisations under the same ownership	£3m per group
Any group of pooled funds under the same management	£3m per fund manager
Foreign countries	£3m per country
Registered providers	£3m in total
Real estate investment trusts	£3m per REIT
Unsecured investments with building societies	£2m in total per BS
Money Market Funds	£20m in total

Liquidity management

The Council uses purpose-built cash flow forecasting software, Logotech, 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.

7. Treasury Management Indicators

The Council measures and manages its exposures to treasury management risks using the following indicators.

Security

The Council 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.

	Target
Portfolio average credit rating	A

Interest rate exposures

This indicator is set to control the Council's exposure to interest rate risk. The upper limits on fixed and variable rate interest rate exposures, expressed as the proportion of net principal borrowed will be:

	2021/22	2022/23	2023/24
Upper limit on fixed interest rate exposure	100%	100%	100%
Upper limit on variable interest rate exposure	100%	100%	100%

Fixed rate investments and borrowings are those where the rate of interest is fixed for at least 12 months, measured from the start of the financial year or the transaction date if later. All other instruments are classed as variable rate.

Principal sums invested for periods longer than 364 days

The purpose of this indicator is to control the Council’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:

	2021/22	2022/23	2023/24
Limit on principal invested beyond year end	£25m	£25m	£25m

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.

Operational boundary	2020/21 Revised £000	2021/22 Estimate £000	2022/23 Estimate £000	2023/24 Estimate £000
Total	5,000	21,000	44,000	66,000

The authorised limit for external debt

A further key prudential indicator represents a control on the maximum level of borrowing. This represents a 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.

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.

The Council is asked to approve the following authorised limit:

Authorised Limit	2020/21 Revised £000	2021/22 Estimate £000	2022/23 Estimate £000	2023/24 Estimate £000
Total	10,000	26,000	49,000	71,000

Other Items

The Council is required by CIPFA to include a number of additional items in its Treasury Management Strategy.

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, 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.

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.

Miffid 2

Miffid 2 is a legislative framework instituted by the European Union to regulate the financial markets and improve protections for investors. This Council has elected for Professional Client Status which means that to be able to invest in certain investments, it must hold a minimum of £10m in investments. If this falls below the minimum level then access to certain financial market instruments could be made unavailable to this Council.

Investment training

The needs of the Council's Treasury Management staff for training in investment management are assessed annually as part of the staff appraisal process, and additionally when the responsibilities of individual members of staff change. Staff will regularly attend training courses, seminars and conferences provided by Arlingclose, CIPFA and other such organisations.

Investment advisers

The Council appointed Arlingclose Limited as treasury management advisers back in December 2018 for three years plus the option for a further two years after a joint tender with West Oxfordshire District Council. The Council receives specific advice on investment, debt and capital finance issues.

Financial Implications

The estimated investment income in 2021/22 is £396,000 based on an average investment portfolio of £29.5m at an interest rate of 1.34%. The Council aims to maintain its portfolio of long term investments in strategic funds at £12.5 million. This is forecast to return £389,400. Investments in liquid assets such as bank deposits and money market funds are expected to return just 0.04% and generate a yield of £6,600. If actual levels of investments and actual interest rates differ from those forecast, performance against budget will be correspondingly different.

Appendix A - Arlingclose Economic & Interest Rate Forecast - December 2020

Underlying assumptions:

- The medium-term global economic outlook has improved with the distribution of vaccines, but the recent upsurge in Covid-19 cases has worsened economic prospects over the short term.
- Restrictive measures and further lockdowns are likely to continue in the UK and Europe until the majority of the population is vaccinated by the second half of 2021. The recovery period will be strong thereafter, but potentially longer than previously envisaged.
- Signs of a slowing UK economic recovery were already evident in UK monthly GDP and PMI data, even before the second lockdown and Tier 4 restrictions. Employment is falling despite an extension to support packages.
- The need to support economic recoveries and use up spare capacity will result in central banks maintaining low interest rates for the medium term.
- Brexit will weigh on UK activity. The combined effect of Brexit and the after-effects of the pandemic will dampen growth relative to peers, maintain spare capacity and limit domestically generated inflation. The Bank of England will therefore maintain loose monetary conditions for the foreseeable future.
- Longer-term yields will also remain depressed, anchored by low central bank policy rates, expectations for potentially even lower rates and insipid longer-term 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, or the deployment of vaccines.

Forecast:

- Arlingclose expects Bank Rate to remain at the current 0.10% level.
- 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, especially with likely emergency action in response to a no-deal Brexit.
- 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, and indeed appear heightened, in the near term, as the government reacts to the escalation in infection rates and the Brexit transition period ends.

	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24
Official Bank Rate													
Upside risk	0.00	0.00	0.15	0.15	0.15	0.15	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Artingclose 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	0.30	0.40	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 r.													
Upside risk	0.05	0.05	0.10	0.10	0.15	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Artingclose Central Case	0.10	0.10	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Downside risk	0.30	0.40	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
1yr money market rate													
Upside risk	0.05	0.05	0.10	0.10	0.15	0.20	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Artingclose Central Case	0.15	0.15	0.25	0.25	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Downside risk	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
5yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Artingclose Central Case	0.00	0.00	0.05	0.10	0.15	0.20	0.20	0.20	0.25	0.25	0.25	0.25	0.25
Downside risk	0.40	0.45	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	0.30	0.35	0.40	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Artingclose Central Case	0.25	0.30	0.35	0.35	0.40	0.40	0.45	0.45	0.50	0.55	0.55	0.55	0.60
Downside risk	0.50	0.50	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
20yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Artingclose Central Case	0.70	0.70	0.75	0.75	0.75	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90
Downside risk	0.30	0.30	0.35	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
50yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Artingclose Central Case	0.60	0.60	0.65	0.65	0.65	0.70	0.70	0.75	0.75	0.75	0.75	0.80	0.80
Downside risk	0.30	0.30	0.35	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40

PWLB Certainty Rate (Maturity Loans) = Gilt yield + 0.80%

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

	31 st December Actual Portfolio £m	31 st December Average Rate %
Treasury investments:		
Money Market Funds/Call Accounts	16.096	0.04
Other pooled funds		
CCLA Property Investment Management	2.500	3.88
CCLA Diversified Income	1.000	3.26
Schroders Unit Trusts Ltd	1.000	4.70
M&G Securities Ltd	2.000	3.37
Ninety One (formerly Investec)	2.000	3.53
Columbia Threadneedle Fund	2.000	2.74
Federated Cash Plus Fund	1.000	0
Fundamentum Housing REIT	1.000	2.00
Total treasury investments	28.506	1.44%