

Cherwell District Council

Treasury Management Strategy Statement 2021-22

Introduction

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.

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 or commercial purposes are considered in the Investment Strategy. This strategy should also be read in conjunction with the Capital Strategy.

The latest economic background, credit outlook and interest rate forecast provided by Arlingclose is attached at the end of this report. For the purpose of setting the budget, it has been assumed that new treasury investments will be made at an average rate of 0.09%, and that new loans will be borrowed at an average rate of 0.77%.

Local Context

On 30 September 2020, the council held £152m of borrowing and £15.4m of investments. This is set out in further detail below:

	30.9.20 Actual Portfolio £m	30.9.20 Average Rate %
External borrowing:		
Public Works Loan Board	75.0	1.76%
Local authorities	77.0	1.10%
Total gross external debt	152.0	1.43%
Treasury Investments:		
Banks & building societies (unsecured)	0.1	0.01%
UK Government	0	-
Local Authorities	8.0	0.88%
Money Market Funds	7.3	0.03%
Total treasury investments	15.4	0.47%
Net debt	136.6	

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
General Fund CFR	180.6	255.2	284.5	275.1	247.4
Less: External borrowing **	(141.0)	(179.0)	(75.0)	(75.0)	(75.0)
Internal/(over) borrowing	39.6	76.2	209.5	200.1	172.4
Less: Usable reserves	(28.6)	(28.6)	(28.6)	(28.6)	(28.6)
Less: Working capital	(33.0)	(33.0)	(33.0)	(33.0)	(33.0)
Investments/(New borrowing required)	22.0	(14.6)	(147.9)	(138.5)	(110.8)

** shows only loans to which the council is currently committed. Therefore 'New Borrowing includes some refinancing of existing debt

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.

The council has an increasing CFR due to the capital programme, but minimal investments and may therefore be required to borrow up to a total of £222.9m over the forecast period (£75m plus £147.9m in 2021/22 from the table above).

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 2020/21.

Borrowing Strategy

The council currently (30/9/20) holds £152 million of loans, an increase of £9 million on the previous year end, as part of its strategy for funding previous years' capital programmes. The balance sheet forecast in table 1 shows that the council expects to borrow up to a total of £222.9 million in 2021/22. The council may also borrow additional sums to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing of £300 million, which has been assessed and stated in the Capital 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 certainty of those costs over the period for which funds are required.

Strategy: the council's borrowing strategy is to address the key issue of affordability without compromising the longer-term stability of the debt portfolio. A balance is therefore sought between short-term borrowing, using internal resources and securing affordable long term borrowing to mitigate future interest rate risk.

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 / 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. External advisors, 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.

The council has raised the majority of its long-term borrowing from the PWLB, which provides accessible and affordable borrowing options. The council may also look to borrow any long-term loans from other sources as set out below.

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.

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

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

- Public Works Loan Board (PWLB) and any successor body
- 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 private and public sector pension funds (except Oxfordshire 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: 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

Forecast of borrowing rates: It is expected that the Bank Rate will remain at 0.10% during 2021/22. PWLB borrowing rates are forecast to be between 0.80 – 1.55% in the short to medium term, therefore the “cost of carry¹” associated with the long-term borrowing compared to temporary investment returns will be significantly reduced compared to previous years.

The main sources of borrowing for the Council are the PWLB and other UK local authorities. The borrowing rate from the PWLB is directly linked to UK Government Gilt yield. There are two rates offered by the PWLB which the Council has access to; the standard rate and the certainty rate, which are 100, and 80 basis points over gilts, respectively.

The Council will apply to qualify for the certainty rate each year.

Our advisors, Arlingclose have forecast gilt yields and borrowing rates over the medium term to be as follows:

Duration	Gilt Yield %	PWLB Certainty Rate %
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¹ The difference between the interest payable on borrowing on debt and the interest receivable from investing surplus cash.

50 year	0.60 – 0.75	1.40 – 1.55
20 year	0.70 – 0.85	1.50 – 1.65
10 year	0.30 – 0.55	1.10 – 1.35
5 year	0.00 – 0.25	0.80 – 1.05

Borrowing from Local Authorities comprises approximately 49% of our current loans and are readily available for short durations (1 month – 2 years) at lower rates than PWLB, although these do carry the risk of interest rate rises when refinancing.

For the purpose of setting the budget, it has been assumed that new loans will be borrowed at an average rate of 0.77%, using a combination of PWLB (10% of required borrowing at 1.5%) and local authority loans (90% of new borrowing at 0.7%). The overall forecast loans rate for 2021/22 using existing long term borrowing and new loans is 1.16%.

Investment Strategy

The council currently (30/9/20) holds invested funds of £15.4m representing income received in advance of expenditure plus balances and reserves held. In the past 6 months (April – September 2020), the council's investment balance has ranged between £13.5 million and £58.8 million. Levels in the forthcoming year are expected to be generally lower, ranging between £10m and £25m, but may vary for short periods to due to cashflow needs and borrowing opportunities.

Treasury management investments in £millions

	2019/20 actual	2020/21 forecast	2021/22 budget	2022/23 budget	2023/24 budget
Short-term investments	17.0	15	15	15	15
Longer-term investments	0	0	0	0	0
TOTAL	46.0	15	15	15	15

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: There is a chance that the Bank of England could 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. This situation already exists in many other European countries. In this event, the council would divest from any negative yielding instant access deposits and switch to a series of short term inter local authority deposits, whilst inter local authority returns remain above, or at zero.

Strategy: Given the increasing risk and low returns from short-term unsecured bank investments, the council would aspire to diversify into more secure and/or higher yielding asset classes. However, given

the low level of funds available for longer-term investment and the high liquidity requirements, the council's surplus cash is likely to remain invested in short-term bank deposits and call accounts, money market funds, and deposits with the UK Government and other local authorities.

Forecast of interest rates: Our advisors, Arlingclose is forecasting that BoE Bank Rate will remain at 0.10% until at least the end of 2023. Gilt yields are expected to remain very low in the medium-term while short-term yields are likely remain below or at zero. Taking into account the advice from Arlingclose, market implications and the current economic outlook, it has been assumed that new treasury investments for 2021/22 will be made at an average rate of 0.09%,

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

Credit rating	Banks unsecured	Banks secured	Government	Corporates	Registered Providers
UK Govt	n/a	n/a	£ Unlimited 50 years	n/a	n/a
AAA	£3m 5 years	£3m 20 years	£5m 50 years	£3m 20 years	£3m 20 years
AA+	£3m 5 years	£3m 10 years	£5m 25 years	£3m 10 years	£3m 10 years
AA	£3 m 4 years	£3m 5 years	£5m 15 years	£3m 5 years	£3m 10 years
AA-	£3m 3 years	£3m 4 years	£5m 10 years	£3m 4 years	£3m 10 years
A+	£3m 2 years	£3m 3 years	£5m 5 years	£3m 3 years	£3m 5 years
A	£3m 13 months	£3m 2 years	£5m 5 years	£3m 2 years	£3m 5 years
A-	£3m 6 months	£3m 13 months	£5m 5 years	£3m 13 months	£3m 5 years
None	None	None	£5m 2 years	None	None
Pooled funds		£5m per fund or trust			

This table must be read in conjunction with the notes below

Credit rating: Investment limits are set by reference to the lowest published long-term credit rating from a selection of external rating agencies. 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. See below for arrangements relating to operational bank accounts.

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 higher 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 generally a lower risk of insolvency, although they are not zero risk. Investments with the UK Central Government may be made in unlimited amounts for up to 50 years.

Corporates: Loans, bonds and commercial paper issued by companies other than banks and registered providers. These investments are not subject to bail-in, but are exposed to the risk of the company going insolvent. Loans to unrated companies will only be made following an external credit assessment.

Registered providers: Loans and bonds issued by, guaranteed by or secured on the assets of registered providers of social housing and registered social landlords, formerly known as housing associations. These bodies are tightly 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.

Pooled funds: Shares or units in diversified investment vehicles consisting of the any of the above investment types, plus 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 will be used as an alternative to instant access bank accounts, while pooled funds whose value changes with market prices and/or have a notice period will be used for longer investment periods.

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.

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 below £50,000 per bank wherever possible e.g. except for overnight balances where funds are received during the day and it is too late to transfer to another counterparty. 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.

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, 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. In addition to Arlingclose ratings and advice, the council maintains an internal counterparty ‘Watch List’ based on intelligence from a variety of other sources available to officers.

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.

Investment limits: In order that the council’s revenue reserves available to cover investment losses are not 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 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	£5m each
UK Central Government	Unlimited
Any group of organisations under the same ownership	£5m per group
Any group of pooled funds under the same management	£5m per manager
Negotiable instruments held in a broker’s nominee account	£3m per broker
Foreign countries	£5m per country
Registered providers and registered social landlords	£10m in total
Unsecured investments with building societies	£10m in total
Loans to unrated corporates	£5m in total
Money market funds	£15m in total
Real estate investment trusts	£5m in total

Liquidity management: The council uses in-house cash flow forecasting software 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.

Governance

- 3.7 Decisions on treasury management investment and borrowing are made daily and are therefore delegated to the Director of Finance and staff, who must act in line with the treasury management strategy approved by Council. Reports on treasury management activity are presented to the Accounts, Audit & Risk Committee. The Accounts, Audit & Risk Committee is responsible for scrutinising treasury management decisions.

Treasury Management Indicators

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

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 a 0.75% fall in interest rates will be:

Interest rate risk indicator	Limit
Upper limit on one-year revenue impact of a 1% <u>rise</u> in interest rates	£600,000
Upper limit on one-year revenue impact of a 0.1% <u>fall</u> in interest rates	£450,000

As interest rates are at 0.1%, the impact of a potential fall has been capped at 0%

The impact of a change in interest rates is calculated on the assumption that maturing loans and investments will be replaced at current rates.

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	80%	10%
12 months and within 24 months	80%	0%
24 months and within 5 years	80%	0%
5 years and within 10 years	80%	0%
10 years and above	80%	0%

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. The upper and lower limits as shown above provide the scope to accommodate new loan(s) in the most appropriate maturity band at the time of borrowing

Principal sums invested for periods longer than a year: 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:

Price risk indicator	2021/22	2022/23	2023/24
Limit on principal invested beyond year end	£5m	£5m	£5m

Related Matters

The CIPFA Code requires the council to include the following 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. The current value of any amount due from a derivative counterparty will count against the counterparty credit limit and the relevant foreign country limit.

In line with the CIPFA Code, the Authority will seek external advice and will consider that advice before entering into financial derivatives to ensure that it fully understands the implications.

Markets in Financial Instruments Directive (MiFID II): 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 Executive Director of Finance believes this to be the most appropriate status.

Financial Implications

The budget for treasury investment income in 2021/22 is £13k, based on an average investment portfolio of £15 million at an average interest rate of 0.09%.

The budget for debt interest payable in 2021/22 is £2.235 million, based on an average debt portfolio of £192 million at an average interest rate of 1.16%.

If actual levels of investments and borrowing, or actual interest rates, differ from those forecast, performance against budget will be correspondingly different.

Economic Commentary and Interest Rate Forecast – Arlingclose - January 2021

External Context

Economic background: The impact on the UK from coronavirus, lockdown measures, the rollout of vaccines, as well as the new trading arrangements with the European Union (EU), will remain major influences on the Authority'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 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 October, the headline 3-month average annual growth rate for wages were 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 fourth 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 extended it until March 2022.

The US economy contracted at an annualised rate of 31.4% in Q2 2020 and then rebounded by 33.4% 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 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.

Credit outlook: After spiking in late March as coronavirus 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 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 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.

Interest rate forecast: The Authority'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 coronavirus 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 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.

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

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 coronavirus 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%