

Treasury Management Update

Quarter Ended 30th September
2021

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Treasury Management Update

Quarter Ended 30th September 2021

The CIPFA (Chartered Institute of Public Finance and Accountancy) Code of Practice for Treasury Management recommends that members be updated on treasury management activities regularly (annual, mid-year or quarterly reports). This report, therefore, ensures this Council is implementing best practice in accordance with the Code.

1. Economics update

MPC meeting 24.9.21

- The Monetary Policy Committee (MPC) voted unanimously to leave Bank Rate unchanged at 0.10% and made no changes to its programme of quantitative easing purchases due to finish by the end of this year at a total of £895bn; two MPC members voted to stop the last £35bn of purchases as they were concerned that this would add to inflationary pressures.
- There was a major shift in the tone of the MPC's minutes at this meeting from the previous meeting in August which had majored on indicating that some tightening in monetary policy was now on the horizon, but also not wanting to stifle economic recovery by too early an increase in Bank Rate. In his press conference after the August MPC meeting, Governor Andrew Bailey said, "the challenge of avoiding a steep rise in unemployment has been replaced by that of ensuring a flow of labour into jobs" and that "the Committee will be monitoring closely the incoming evidence regarding developments in the labour market, and particularly unemployment, wider measures of slack, and underlying wage pressures." In other words, it was flagging up a potential danger that labour shortages could push up wage growth by more than it expects and that, as a result, CPI inflation would stay above the 2% target for longer. It also discounted sharp increases in monthly inflation figures in the pipeline in late 2021 which were largely propelled by events a year ago e.g., the cut in VAT in August 2020 for the hospitality industry, and by temporary shortages which would eventually work their way out of the system: in other words, **the MPC had been prepared to look through a temporary spike in inflation.**
- So, in August the country was just put on alert. However, this time the MPC's words indicated there had been a marked increase in concern that more recent increases in prices, particularly the increases in gas and electricity prices in October and due again next April, are, indeed, likely to lead to **faster and higher inflation expectations and underlying wage growth, which would in turn increase the risk that price pressures would prove more persistent next year than previously expected. Indeed, to emphasise its concern about inflationary pressures, the MPC pointedly chose to reaffirm its commitment to the 2% inflation target in its statement;** this suggested that it was now willing to look through the flagging economic recovery during the summer to prioritise bringing inflation down next year. This is a reversal of its priorities in August and a long way from words at earlier MPC meetings which indicated a willingness to look through inflation overshooting the target for limited periods to ensure that inflation was 'sustainably over 2%'. Indeed, whereas in August the MPC's focus was on getting through a winter of temporarily high energy prices and supply shortages, believing that inflation would return to just under the 2% target after reaching a high around 4% in late 2021, now its primary concern is that underlying price pressures in the economy are likely to get embedded over the next year and elevate future inflation to stay significantly above its 2% target and for longer.
- Financial markets are now pricing in a first increase in Bank Rate from 0.10% to 0.25% in February 2022, but this looks ambitious as the MPC has stated that it wants to see what happens to the economy, and particularly to employment once furlough ends at the end of September. At the MPC's meeting in February it will only have available the employment figures for November: to get a clearer picture of employment trends, it would need to wait until the May meeting when it would have data up until February. At its May meeting, it will also have a clearer understanding of the likely peak of inflation.
- **The MPC's forward guidance on its intended monetary policy** on raising Bank Rate versus selling (quantitative easing) holdings of bonds is as follows: -
 1. Placing the focus on raising Bank Rate as "the active instrument in most circumstances".
 2. Raising Bank Rate to 0.50% before starting on reducing its holdings.
 3. Once Bank Rate is at 0.50% it would stop reinvesting maturing gilts.

4. Once Bank Rate had risen to at least 1%, it would start selling its holdings.

- **COVID-19 vaccines.** These have been the game changer which have enormously boosted confidence that **life in the UK could largely return to normal during the summer** after a third wave of the virus threatened to overwhelm hospitals in the spring. With the household saving rate having been exceptionally high since the first lockdown in March 2020, there is plenty of pent-up demand and purchasing power stored up for services in hard hit sectors like restaurants, travel and hotels. The big question is whether mutations of the virus could develop which render current vaccines ineffective, as opposed to how quickly vaccines can be modified to deal with them and enhanced testing programmes be implemented to contain their spread.
- **US.** See comments below on US treasury yields.
- **EU.** The slow roll out of vaccines initially delayed economic recovery in early 2021 but the vaccination rate has picked up sharply since then. After a contraction in GDP of -0.3% in Q1, Q2 came in with strong growth of 2%, which is likely to continue into Q3, though some countries more dependent on tourism may struggle. Recent sharp increases in gas and electricity prices have increased overall inflationary pressures but the ECB is likely to see these as being only transitory after an initial burst through to around 4%, so is unlikely to be raising rates for a considerable time.
- **German general election.** With the CDU/CSU and SPD both having won around 24-26% of the vote in the September general election, the composition of Germany's next coalition government may not be agreed by the end of 2021. An SPD-led coalition would probably pursue a slightly less restrictive fiscal policy, but any change of direction from a CDU/CSU led coalition government is likely to be small. However, with Angela Merkel standing down as Chancellor as soon as a coalition is formed, there will be a hole in overall EU leadership which will be difficult to fill.
- **China.** After a concerted effort to get on top of the virus outbreak in Q1 2020, economic recovery was strong in the rest of the year; this enabled China to recover all the initial contraction. During 2020, policy makers both quashed the virus and implemented a programme of monetary and fiscal support that was particularly effective at stimulating short-term growth. At the same time, China's economy benefited from the shift towards online spending by consumers in developed markets. These factors helped to explain its comparative outperformance compared to western economies during 2020 and earlier in 2021. However, the pace of economic growth has now fallen back after this initial surge of recovery from the pandemic and China is now struggling to contain the spread of the Delta variant through sharp local lockdowns - which will also depress economic growth. There are also questions as to how effective Chinese vaccines are proving. In addition, recent regulatory actions motivated by a political agenda to channel activities into officially approved directions, are also likely to reduce the dynamism and long-term growth of the Chinese economy.
- **Japan.** 2021 has been a patchy year in combating Covid. However, after a slow start, nearly 50% of the population are now vaccinated and Covid case numbers are falling. After a weak Q3 there is likely to be a strong recovery in Q4. The Bank of Japan is continuing its very loose monetary policy but with little prospect of getting inflation back above 1% towards its target of 2%, any time soon: indeed, inflation was negative in July. New Prime Minister Kishida has promised a large fiscal stimulus package after the November general election – which his party is likely to win.
- **World growth.** World growth was in recession in 2020 but recovered during 2021 until starting to lose momentum more recently. Inflation has been rising due to increases in gas and electricity prices, shipping costs and supply shortages, although these should subside during 2022. It is likely that we are heading into a period where there will be a reversal of **world globalisation** and a decoupling of western countries from dependence on China to supply products, and vice versa. This is likely to reduce world growth rates from those in prior decades.
- **Supply shortages.** The pandemic and extreme weather events have been highly disruptive of extended worldwide supply chains. At the current time there are major queues of ships unable to unload their goods at ports in New York, California and China. Such issues have led to mis-distribution of shipping containers around the world and have contributed to a huge increase in the cost of shipping. Combined with a shortage of semi-conductors, these issues have had a disruptive impact on production in many countries. Many western countries are also hitting up against a difficulty in filling job vacancies. It is expected that these issues will be gradually sorted out, but they are currently contributing to a spike upwards in inflation and shortages of materials and goods on shelves.

2. Interest rate forecasts

The Council has appointed Link Group as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. The PWLB rate forecasts below are based on the Certainty Rate (the standard rate minus 20 bps) which has been accessible to most authorities since 1st November 2012.

The latest forecast on 29th September is compared below to the previous forecast on 10th May. A comparison of these forecasts shows that some PWLB rates have increased marginally and there are now three increases in Bank Rate, to end at 0.75%, instead of one to only 0.25%. However, many PWLB rates were significantly lower than forecast during the earlier part of quarter 2.

Link Group Interest Rate View		29.9.21									
	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	
BANK RATE	0.10	0.10	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.75	
3 month ave earnings	0.10	0.10	0.20	0.20	0.30	0.40	0.50	0.50	0.60	0.70	
6 month ave earnings	0.20	0.20	0.30	0.30	0.40	0.50	0.60	0.60	0.70	0.80	
12 month ave earnings	0.30	0.40	0.50	0.50	0.50	0.60	0.70	0.80	0.90	1.00	
5 yr PWLB	1.40	1.40	1.50	1.50	1.60	1.60	1.60	1.70	1.70	1.70	
10 yr PWLB	1.80	1.80	1.90	1.90	2.00	2.00	2.00	2.10	2.10	2.10	
25 yr PWLB	2.20	2.20	2.30	2.30	2.40	2.40	2.40	2.50	2.50	2.60	
50 yr PWLB	2.00	2.00	2.10	2.20	2.20	2.20	2.20	2.30	2.30	2.40	

Link Group Interest Rate View		10.5.21											
	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	
BANK RATE	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.25	0.25	0.25	
3 month ave earnings	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.30	0.30	0.30	
6 month ave earnings	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.30	0.40	0.40	0.40	
12 month ave earnings	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.40	0.50	0.50	0.50	
5 yr PWLB	1.20	1.20	1.30	1.30	1.30	1.40	1.40	1.40	1.40	1.50	1.50	1.50	
10 yr PWLB	1.70	1.70	1.70	1.80	1.80	1.90	1.90	1.90	2.00	2.00	2.00	2.00	
25 yr PWLB	2.20	2.20	2.30	2.40	2.40	2.40	2.50	2.50	2.50	2.50	2.50	2.60	
50 yr PWLB	2.00	2.00	2.10	2.20	2.20	2.20	2.30	2.30	2.30	2.30	2.30	2.40	

The coronavirus outbreak has done huge economic damage to the UK and to economies around the world. After the Bank of England took emergency action in March 2020 to cut Bank Rate to 0.10%, it left Bank Rate unchanged at its subsequent meetings.

Forecasts for Bank Rate

Bank Rate is not expected to go up fast after the initial rate rise as the supply potential of the economy has not generally taken a major hit during the pandemic, so should be able to cope well with meeting demand without causing inflation to remain elevated in the medium-term, or to inhibit inflation from falling back towards the MPC's 2% target after the surge to around 4% towards the end of 2021. Three increases in Bank rate are forecast in the period to March 2024, ending at 0.75%. However, these forecasts may well need changing within a relatively short time frame for the following reasons: -

- There are increasing grounds for viewing the economic recovery as running out of steam during the summer and now into the autumn. This could lead into stagflation which would create a dilemma for the MPC as to which way to face.
- Will some current key supply shortages e.g., petrol and diesel, spill over into causing economic activity in some sectors to take a significant hit?
- Rising gas and electricity prices in October and next April and increases in other prices caused by supply shortages and increases in taxation next April, are already going to deflate consumer spending power without the MPC having to take any action on Bank Rate to cool inflation. Then we have the

Government's upcoming budget in October, which could also end up in reducing consumer spending power.

- On the other hand, consumers are sitting on around £200bn of excess savings left over from the pandemic so when will they spend this sum, in part or in total?
- There are 1.6 million people coming off furlough at the end of September; how many of those will not have jobs on 1st October and will, therefore, be available to fill labour shortages in many sectors of the economy? So, supply shortages which have been driving up both wages and costs, could reduce significantly within the next six months or so and alleviate the MPC's current concerns.
- There is a risk that there could be further nasty surprises on the Covid front, on top of the flu season this winter, which could depress economic activity.

In summary, with the high level of uncertainty prevailing on several different fronts, it is likely that these forecasts will need to be revised again soon - in line with what the new news is.

It also needs to be borne in mind that Bank Rate being cut to 0.10% was an emergency measure to deal with the Covid crisis hitting the UK in March 2020. At any time, the MPC could decide to simply take away that final emergency cut from 0.25% to 0.10% on the grounds of it no longer being warranted and as a step forward in the return to normalisation. In addition, any Bank Rate under 1% is both highly unusual and highly supportive of economic growth.

Forecasts for PWLB rates and gilt and treasury yields

The current PWLB rates are set as margins over gilt yields as follows: -

- **PWLB Standard Rate** is gilt plus 100 basis points (G+100bps)
- **PWLB Certainty Rate** is gilt plus 80 basis points (G+80bps)
- **PWLB HRA Standard Rate** is gilt plus 100 basis points (G+100bps)
- **PWLB HRA Certainty Rate** is gilt plus 80bps (G+80bps)
- **Local Infrastructure Rate** is gilt plus 60bps (G+60bps)

Gilt yields. Since the start of 2021, we have seen a lot of volatility in gilt yields, and hence PWLB rates. During September, gilt yields from 5 – 50 years have steadily risen and rose further after the hawkish tone of the MPC's minutes last week. Our forecasts show a steady, but slow, rise in both Bank Rate and gilt yields during the forecast period to March 2024.

While monetary policy in the UK will have a major impact on gilt yields, there is also a need to consider the potential impact that rising treasury yields in America could have on gilt yields. **As an average since 2011, there has been a 75% correlation between movements in US 10 year treasury yields and UK 10 year gilt yields. This is a significant UPWARD RISK exposure to our forecasts for longer term PWLB rates. However, gilt yields and treasury yields do not always move in unison.**

US treasury yields. During the first part of the year, US President Biden's, and the Democratic party's, determination to push through a \$1.9trn (equivalent to 8.8% of GDP) fiscal boost for the US economy as a recovery package from the Covid pandemic was what unsettled financial markets. However, this was in addition to the \$900bn support package already passed in December 2020. This was then followed by additional Democratic ambition to spend further huge sums on infrastructure and an American families plan over the next decade which are caught up in Democrat / Republican haggling. Financial markets were alarmed that all this stimulus was happening at a time when: -

1. A fast vaccination programme has enabled a rapid opening up of the economy.
2. The economy has been growing strongly during 2021.
3. It started from a position of little spare capacity due to less severe lockdown measures than in many other countries.
4. And the Fed was still providing stimulus through monthly QE purchases.

These factors could cause an excess of demand in the economy which could then unleash strong inflationary pressures. This could then force the Fed to take much earlier action to start increasing the Fed rate from near zero, despite their stated policy being to target average inflation. It is notable that in the September Fed meeting, Fed members again moved forward their expectation of when the first increases in the Fed rate will occur. In

addition, shortages of workers appear to be stoking underlying wage inflationary pressures which are likely to feed through into CPI inflation. A run of stronger jobs growth figures could be enough to meet the threshold set by the Fed of “substantial further progress towards maximum employment” for a first increase in the Fed rate.

A further concern in financial markets is when will the Fed end QE purchases of treasuries and how will they gradually wind them down. These purchases are currently acting as a downward pressure on treasury yields. In his late August speech at the Jackson Hole conference, Fed Chair Powell implied that the central bank plans to start tapering its asset purchases before the end of this year. But the plan is conditional on continued improvement in the labour market, which the August employment report suggests is proceeding more slowly than the Fed anticipated. That may mean that any announcement of tapering is pushed back, possibly even into early 2022.

As the US financial markets are, by far, the biggest financial markets in the world, any upward trend in treasury yields will invariably impact and influence financial markets in other countries. Inflationary pressures and erosion of surplus economic capacity look much stronger in the US compared to those in the UK, which would suggest that Fed rate increases are likely to be faster and stronger than Bank Rate increases in the UK. Nonetheless, any upward pressure on treasury yields could put upward pressure on UK gilt yields too.

There are also possible **DOWNSIDE RISKS** from the huge sums of cash that the UK populace have saved during the pandemic; when savings accounts earn little interest, it is likely that some of this cash mountain could end up being invested in bonds and so push up demand for bonds and support their prices i.e., this would help to keep their yields down. How this will interplay with the Bank of England eventually getting round to not reinvesting maturing gilts and then later selling gilts, will be interesting to keep an eye on.

Significant risks to the forecasts

- COVID vaccines do not work to combat new mutations and/or new vaccines take longer than anticipated to be developed for successful implementation.
- The pandemic causes major long-term scarring of the economy.
- The Government implements an austerity programme that suppresses GDP growth.
- The MPC tightens monetary policy too early – by raising Bank Rate or unwinding QE.
- The MPC tightens monetary policy too late to ward off building inflationary pressures.
- Major stock markets e.g. in the US, become increasingly judged as being over-valued and susceptible to major price corrections. Central banks become increasingly exposed to the “moral hazard” risks of having to buy shares and corporate bonds to reduce the impact of major financial market sell-offs on the general economy.
- Geo-political risks are widespread e.g. German general election in September 2021 produces an unstable minority government and a void in high-profile leadership in the EU when Angela Merkel steps down as Chancellor of Germany; on-going global power influence struggles between Russia/China/US.

The balance of risks to the UK economy: -

- The overall balance of risks to economic growth in the UK is now to the downside, including residual risks from Covid and its variants - both domestically and their potential effects worldwide.

The balance of risks to medium to long term PWLB rates: -

- There is a balance of upside risks to forecasts for medium to long term PWLB rates.

A new era – a fundamental shift in central bank monetary policy

One of the key results of the pandemic has been a fundamental rethinking and shift in monetary policy by major central banks like the Fed, the Bank of England and the ECB, to tolerate a higher level of inflation than in the previous two decades when inflation was the prime target to bear down on so as to stop it going above a target rate. There is now also a greater emphasis on other targets for monetary policy than just inflation, especially on ‘achieving broad and inclusive “maximum” employment in its entirety’ in the US before consideration would be given to increasing rates.

- The Fed in America has gone furthest in adopting a monetary policy based on a clear goal of allowing the inflation target to be symmetrical, (rather than a ceiling to keep under), so that inflation averages out the dips down and surges above the target rate, over an unspecified period of time.

- The Bank of England has also amended its target for monetary policy so that inflation should be 'sustainably over 2%' and the ECB now has a similar policy.
- **For local authorities, this means that investment interest rates and very short term PwLB rates will not be rising as quickly or as high as in previous decades when the economy recovers from a downturn and the recovery eventually runs out of spare capacity to fuel continuing expansion.**
- Labour market liberalisation since the 1970s has helped to break the wage-price spirals that fuelled high levels of inflation and has now set inflation on a lower path which makes this shift in monetary policy practicable. In addition, recent changes in flexible employment practices, the rise of the gig economy and technological changes, will all help to lower inflationary pressures.
- Governments will also be concerned to see interest rates stay lower as every rise in central rates will add to the cost of vastly expanded levels of national debt; (in the UK this is £21bn for each 1% rise in rates). On the other hand, higher levels of inflation will help to erode the real value of total public debt.

3. Annual Investment Strategy

The Treasury Management Strategy Statement (TMSS) for 2021/22, which includes the Annual Investment Strategy, was approved by the Council on 11th February 2021. In accordance with the CIPFA Treasury Management Code of Practice, it sets out the Council's investment priorities as being:

- Security of capital
- Liquidity
- Yield

The Council will aim to achieve the optimum return (yield) on its investments commensurate with proper levels of security and liquidity and with the Council's risk appetite. In the current economic climate it is considered appropriate to keep investments short-term to cover cash flow needs, but also to seek out value available in periods up to 24 months.

As shown by the interest rate forecasts in section 2, it is now impossible to earn the level of interest rates commonly seen in previous decades as all short-term money market investment rates have only risen weakly since Bank Rate was cut to 0.10% in March 2020. Given this environment and the fact that Bank Rate may only rise marginally, or not at all, before the second half of 2023, investment returns are expected to remain low.

Creditworthiness.

Significant levels of downgrades to Short and Long Term credit ratings have not materialised since the crisis in March 2020. In the main, where they did change, any alterations were limited to Outlooks. However, as economies are beginning to reopen, there have been some instances of previous lowering of Outlooks being reversed.

Investment counterparty criteria

The current investment counterparty criteria selection approved in the TMSS is meeting the requirement of the treasury management function.

CDS prices

Although CDS prices (these are market indicators of credit risk) for banks (including those from the UK) spiked at the outset of the pandemic in 2020, they have subsequently returned to near pre-pandemic levels. **However, sentiment can easily shift, so it remains important to undertake continual monitoring of all aspects of risk and return in the current circumstances.**

Investment balances

The average level of funds available for investment purposes during the quarter was **£57.9m**. These funds were available on a temporary basis, and the level of funds available was mainly dependent on the timing of precept payments, receipt of grants and progress on the capital programme. The Council holds **£20m** core cash balances for investment purposes (i.e. funds available for more than one year).

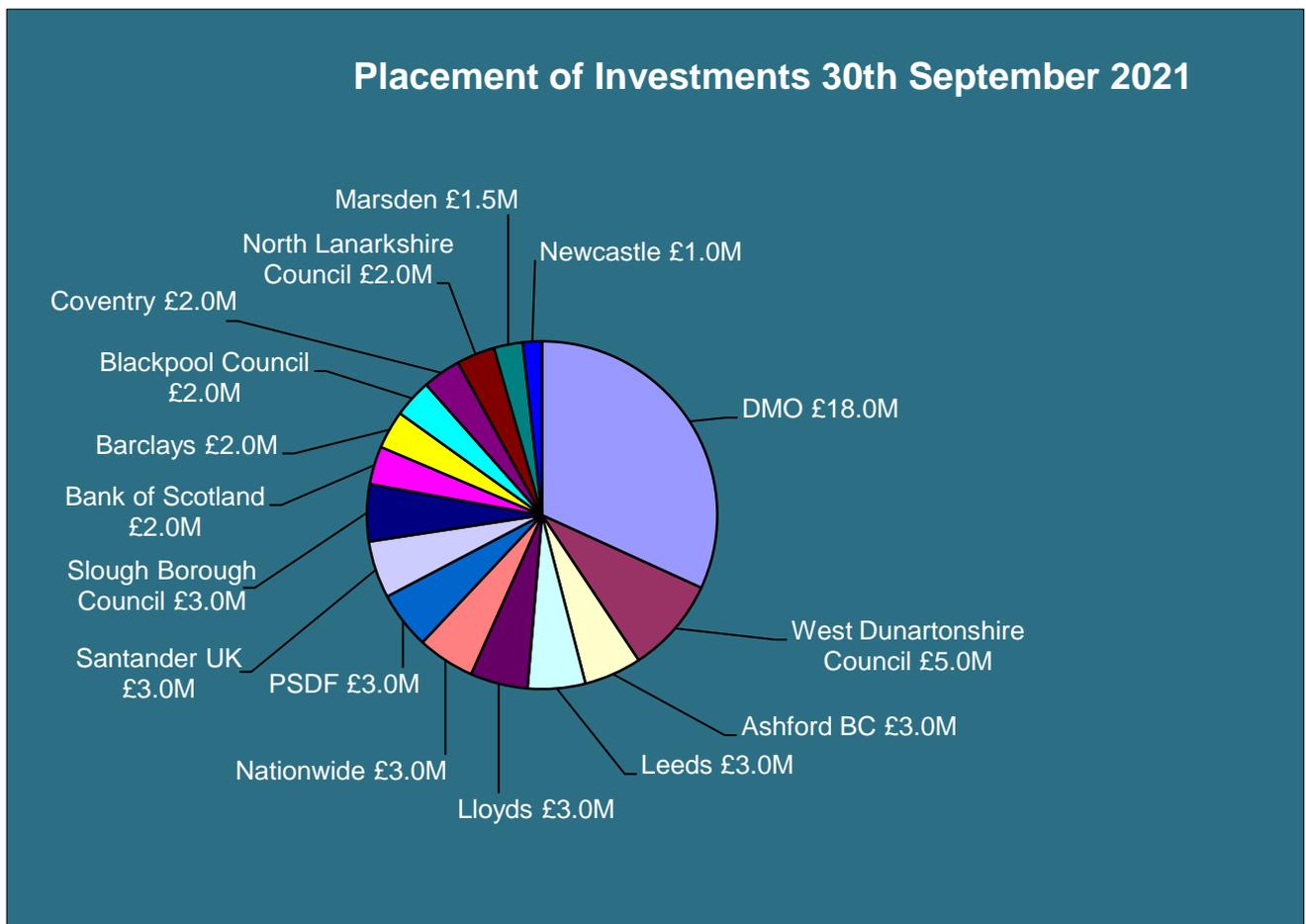
	Amount	Average
	£	Interest Rate %
Managed By NHDC		
Banks	10,000,000	0.05
Building Societies	8,000,000	0.06
Local Authorities	15,000,000	0.11
Money Market Fund	3,000,000	0.03
Government	18,000,000	0.01
NHDC Total	54,000,000	0.08
Managed by Tradition		
Building Societies	2,500,000	0.21
Tradition Total	2,500,000	0.21
TOTAL	56,500,000	0.10

In percentage terms, this equates to:

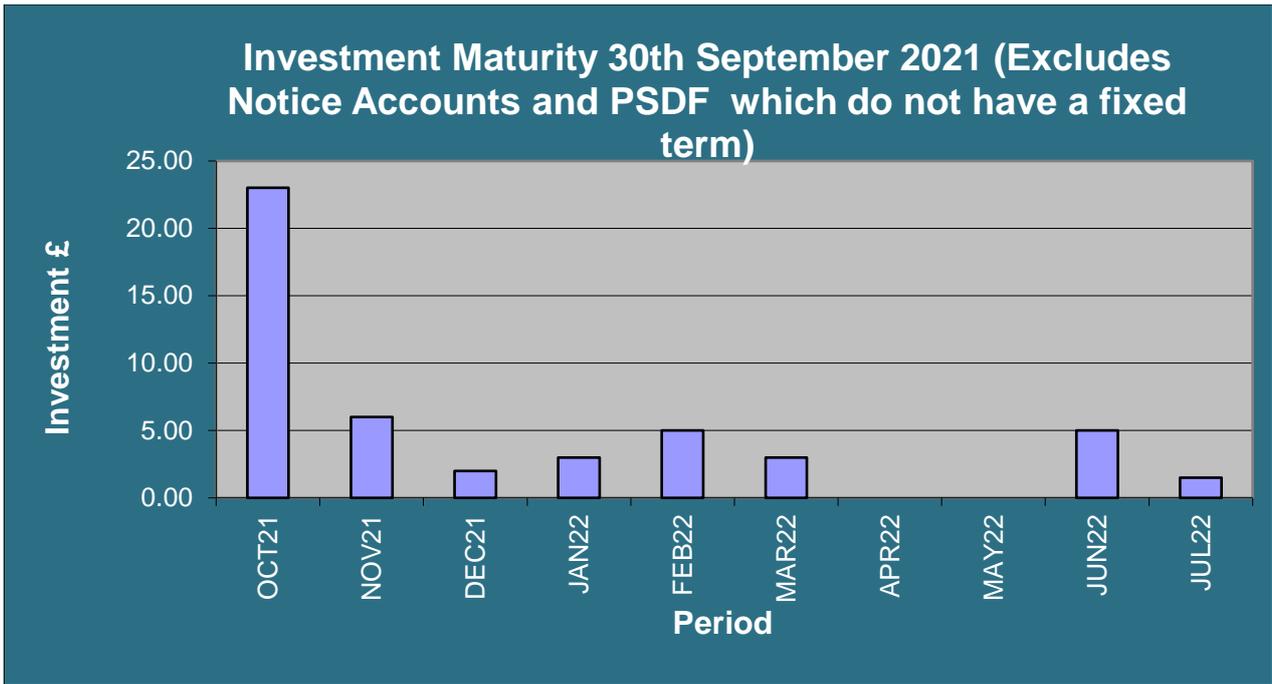
	Percentage
Money Market Fund	5
Government	32
Banks	18
Building Societies	19
Local Authorities	26

The approved 21/22 strategy is that no more than 60% of investments should be placed with Building Societies and Property Funds with a maximum value of £17M. The value at 30 September was £10.5M.

The pie chart below shows the spread of investment balances as at 30 September 2021. This is a snapshot in time that demonstrates the diversification of investments.

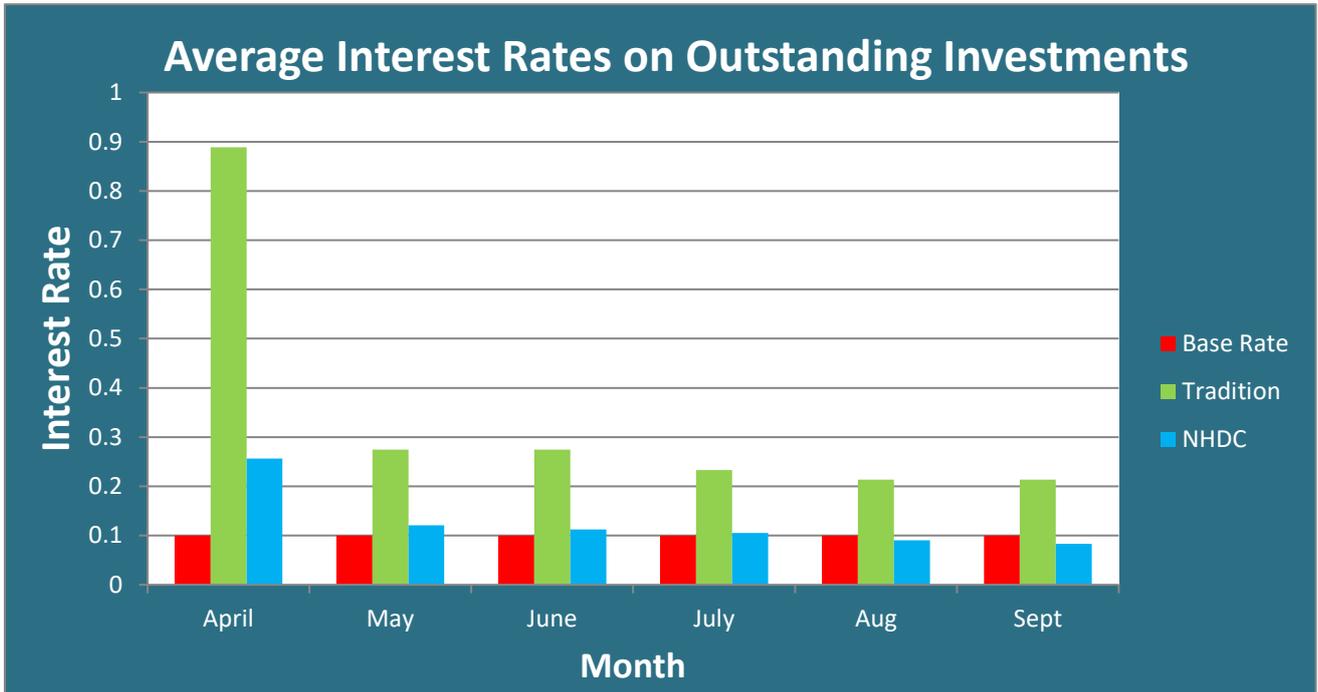


The chart below shows the Council's investment maturity profile. This does not include the £3.0M held in the Public Sector Deposit Fund Money Market account nor the £5.0M held in Notice Accounts.



The Council's Original budgeted investment return for 2021/22 was £0.103M. The projection at the 1st quarter was a reduction of £0.063M to £0.040M. Based on current investments and cashflow forecasts this is expected to increase to £0.050M of interest.

The graph below shows the average rate of interest on outstanding investments at 30 September.



The higher rates achieved through Tradition reflect that these are longer-term investments. In general, the Council can currently achieve similar rates for the same length of investment. The Council only undertakes new investments through Tradition where the rate achieved (after fees) are greater than what the Council could achieve for a similar investment. There are two Tradition deals totalling £2.5M.

Approved limits

Officers can confirm that the approved limits within the Annual Investment Strategy were not breached during the quarter ended 30th September 2021.

4. Borrowing

No borrowing was undertaken during the quarter ended / year to 30th September 2021

It is anticipated that further borrowing will not be undertaken during this financial year but this is dependant on the profiled spend in the Capital Programme.

Based on 2nd quarter estimates for capital expenditure, the Council's capital financing requirement (CFR) for 2021/22 is expected to be -£4.095M (-£5.182M at the end of 20/21). The CFR denotes the Council's underlying need to borrow for capital purposes. If the CFR is positive the Council may borrow from the PWLB or the market (external borrowing) or from internal balances (internal borrowing). The balance of external and internal borrowing is generally driven by market conditions and future forecasts.

Loans Outstanding at 30 September 2021:

	Amount	Average Interest Rate
	£	%
Public Works Loans Board	£395k	10.03

Estimated outstanding debt:

Year	Forecast Borrowing £m	Forecast other long-term liabilities £m	Forecast Total External Debt £m	Operational Boundary £m	Authorised Limit £m
31 st March 2022 (Forecast)	0.387	1.119	1.506	7.9	12
31 st March 2023 (Forecast)	0.367	0.616	0.983	7.1	11
31 st March 2024 (Forecast)	0.347	0.113	0.460	7.4	12
31 st March 2025 (Forecast)	0.325	0	0.325	13.6	18
31 st March 2026 (Forecast)	0.305	0	0.305	14.2	19

* Comprises the finance lease relating to Letchworth Multi-storey car park and impact of the finance lease for waste vehicles.

The external borrowing forecast can be used to give an indication of the borrowing that may be required, which is combined with outstanding existing borrowing. The Council will also borrow for short-term cash-flow needs if required. The actual borrowing that is taken out will depend on the latest forecasts and the offers that are available at the time that it is required. There will also be a consideration of when any other borrowing becomes due, with the aim of achieving a spread of these dates. This is to try and avoid refinancing risk. The Council is

required to set indicators for the maturity structure of its borrowing. Given the low level of borrowing that the Council currently has and is forecast to have, it is considered appropriate to maintain full flexibility as to the exact duration of any borrowing undertaken.

To manage refinancing risk, the Council sets limits on the maturity structure of its borrowing. However, these indicators are set relatively high to provide sufficient flexibility to respond to opportunities to repay or take out new debt (if it was required), while remaining within the parameters set by the indicators. Due to the low level of existing borrowing, the under 12 months limits have a broad range to allow for cash-flow borrowing (if it was required).

Maturity Period	Lower %	Upper %
Under 12 months	0	100
12 months to 2 years	0	50
2 years to 5 years	0	60
5 years to 10 years	0	100
10 years to 20 years	0	100
20 years and above	0	100

The Prudential Indicator below considers the cost of borrowing as a % of the net revenue budget of the Council.

Year	Estimated cost of borrowing £m	Forecast net revenue budget £m	Estimated cost of borrowing as a % of net revenue budget
2021/22	0.040	19.361	0.207
2022/23	0.039	17.328	0.225
2023/24	0.037	17.028	0.217
2024/25	0.035	16.949	0.207
2025/26	0.035	16.822	0.208

The Council is required to set a prudential indicator that estimates financing costs (cost of borrowing less income from investments) as a percentage of its net revenue budget.

Year	Estimated cost of borrowing £m	Less: Forecast of interest earned £m	Net Financing Costs £m	Forecast net revenue budget £m	Estimated cost of borrowing as a % of net revenue budget
2021/22	0.040	0.050	-0.010	19.361	-0.052
2022/23	0.039	0.102	-0.063	17.328	-0.364
2023/24	0.037	0.097	-0.060	17.028	-0.351
2024/25	0.035	0.096	-0.061	16.949	-0.361
2025/26	0.035	0.092	-0.057	16.822	-0.338

5. Debt Rescheduling

No debt rescheduling was undertaken during the quarter.

6. Compliance with Treasury and Prudential Limits

The prudential and treasury Indicators are shown in Appendix 1.

It is a statutory duty for the Council to determine and keep under review the affordable borrowing limits, During the year to date as at 30th September 2021, the Council has operated within the treasury and prudential indicators set out in the Council's Treasury Management Strategy Statement for 2021/22.

All treasury management operations have also been conducted in full compliance with the Council's Treasury Management Practices.

September 2021

Treasury Indicators	2021/22 Budget £'000	30.09.21 Actual £'000
Authorised limit for external debt	12,000	395
Operational boundary for external debt	7,900	395
Gross external debt	5,248	395
Investments	23,200	56,500
Net borrowing	17,952	56,105
Maturity structure of fixed rate borrowing		
Under 12 months	18	18
12 months to 2 years	282	19
2 years to 5 years	1,291	62
5 years to 10 years	4,126	55
Upper limit for principal sums invested over 365 days	11,000 Max	0

Prudential Indicators	2021/22 Budget £'000	31.3.21 Actual £'000
Capital expenditure *	16,169	436
Capital Financing Requirement (CFR) *	5,100	-5,040
In year borrowing requirement	5,248	0
Ratio of financing costs to net revenue stream	0.71%	-0.02%