

Arlingclose Treasury AdvisorsEconomic Commentary

Growth, Inflation, Employment: The UK economy slowed in 2015 with GDP growth falling to 2.3% from a robust 3.0% the year before. CPI inflation hovered around 0.0% through 2015 with deflationary spells in April, September and October. The prolonged spell of low inflation was attributed to the continued collapse in the price of oil from \$67 a barrel in May 2015 to just under \$28 a barrel in January 2016, the appreciation of sterling since 2013 pushing down import prices and weaker than anticipated wage growth resulting in subdued unit labour costs. CPI picked up to 0.3% year/year in February, but this was still well below the Bank of England's 2% inflation target. The labour market continued to improve through 2015 and in Q1 2016, the latest figures (Jan 2016) showing the employment rate at 74.1% (the highest rate since comparable records began in 1971) and the unemployment rate at a 12 year low of 5.1%. Wage growth has however remained modest at around 2.2% excluding bonuses, but after a long period of negative real wage growth (i.e. after inflation) real earnings were positive and growing at their fastest rate in eight years, boosting consumers' spending power.

Global influences: The slowdown in the Chinese economy became the largest threat to the South East Asian region, particularly on economies with a large trade dependency on China and also to prospects for global growth as a whole. The effect of the Chinese authorities' intervention in their currency and equity markets was temporary and led to high market volatility as a consequence. There were falls in prices of equities and risky assets and a widening in corporate credit spreads. As the global economy entered 2016 there was high uncertainty about growth, the outcome of the US presidential election and the consequences of June's referendum on whether the UK is to remain in the EU. Between February and March 2016 sterling had depreciated by around 3%, a significant proportion of the decline reflecting the uncertainty surrounding the referendum result.

UK Monetary Policy: The Bank of England's MPC (Monetary Policy Committee) made no change to policy, maintaining the Bank Rate at 0.5% (in March it entered its eighth year at 0.5%) and asset purchases (Quantitative Easing) at £375bn. In its *Inflation Reports* and monthly monetary policy meeting minutes, the Bank was at pains to stress and reiterate that when interest rates do begin to rise they were expected to do so more gradually and to a lower level than in recent cycles.

Improvement in household spending, business fixed investment, a strong housing sector and solid employment gains in the US allowed the Federal Reserve to raise rates in December 2015 for the first time in nine years to take the new Federal funds range to 0.25%-0.50%. Despite signalling four further rate hikes in 2016, the Fed chose not to increase rates further in Q1 and markets pared back expectations to no more than two further hikes this year.

However central bankers in the Eurozone, Switzerland, Sweden and Japan were forced to take policy rates into negative territory. The European Central Bank also announced a range of measures to inject sustained economic recovery and boost domestic inflation which included an increase in asset purchases (Quantitative Easing).

Market reaction: From June 2015 gilt yields were driven lower by the a weakening in Chinese growth, the knock-on effects of the fall in its stock market, the continuing fall in the price of oil and commodities and acceptance of diminishing effectiveness of central

bankers' unconventional policy actions. Added to this was the heightened uncertainty surrounding the outcome of the UK referendum on its continued membership of the EU as well as the US presidential elections which culminated in a significant volatility and in equities and corporate bond yields.

10-year gilt yields moved from 1.58% on 31/03/2015 to a high of 2.19% in June before falling back and ending the financial year at 1.42%. The pattern for 20-year gilts was similar, the yield rose from 2.15% in March 2015 to a high of 2.71% in June before falling back to 2.14% in March 2016. The FTSE All Share Index fell 7.3% from 3664 to 3395 and the MSCI World Index fell 5.3% from 1741 to 1648 over the 12 months to 31 March 2016.

Counterparty Update

The transposition of two European Union directives into UK legislation placed the burden of rescuing failing EU banks disproportionately onto unsecured institutional investors which include local authorities and pension funds. During the year, all three credit ratings agencies reviewed their ratings to reflect the loss of government support for most financial institutions and the potential for loss given default as a result of new bail-in regimes in many countries. Despite reductions in government support many institutions saw upgrades due to an improvement in their underlying strength and an assessment that that the level of loss given default is low.

Fitch reviewed the credit ratings of multiple institutions in May. Most UK banks had their support rating revised from 1 (denoting an extremely high probability of support) to 5 (denoting external support cannot be relied upon). This resulted in the downgrade of the long-term ratings of Royal Bank of Scotland (RBS), Deutsche Bank, Bank Nederlandse Gemeeten and ING. JP Morgan Chase and the Lloyds Banking Group however both received one notch upgrades.

Moody's concluded its review in June and upgraded the long-term ratings of Close Brothers, Standard Chartered Bank, ING Bank, Goldman Sachs International, HSBC, RBS, Coventry Building Society, Leeds Building Society, Nationwide Building Society, Svenska Handelsbanken and Landesbank Hessen-Thuringen.

S&P reviewed UK and German banks in June, downgrading the long-term ratings of Barclays, RBS and Deutsche Bank. As a result of this the Authority made the decision to suspend Deutsche Bank as a counterparty for new unsecured investments. S&P also revised the outlook of the UK as a whole to negative from stable, citing concerns around the referendum on EU membership and its effect on the economy.

At the end of July 2015, Arlingclose advised an extension of recommended durations for unsecured investments in certain UK and European institutions following improvements in the global economic situation and the receding threat of another Eurozone crisis. A similar extension was advised for some non-European banks in September, with the Danish Danske Bank being added as a new recommended counterparty and certain non-rated UK building societies also being extended.

In December the Bank of England released the results of its latest stress tests on the seven largest UK banks and building societies which showed that the Royal Bank of Scotland and Standard Chartered Bank were the weakest performers. However, the regulator did not require either bank to submit revised capital plans, since both firms had already improved their ratios over the year.

In January 2016, Arlingclose supplemented its existing investment advice with a counterparty list of high quality bond issuers, including recommended cash and duration limits. As part of this, Bank Nederlandse Gemeeten was moved to the list of bond issuers from the unsecured bank lending list and assigned an increased recommended duration limit of 5 years. Interest rates are likely to stay low for longer, making long-term bonds an increasingly attractive option. The Council did not make use of these long-term investment options during 2015/16 having already invested in long term bonds in the previous financial year.

The first quarter of 2016 was characterised by financial market volatility and a weakening outlook for global economic growth. In March 2016, following the publication of many banks' 2015 full-year results, Arlingclose advised the suspension of Deutsche Bank and Standard Chartered Bank from the counterparty list for unsecured investments. Both banks recorded large losses and despite improving capital adequacy this will call 2016 performance into question, especially if market volatility continues. Standard Chartered had seen various rating actions taken against it by the rating agencies and a rising CDS level throughout the year. Arlingclose will continue to monitor both banks.

The end of bank bail-outs, the introduction of bail-ins, and the preference being given to large numbers of depositors other than local authorities means that the risks of making unsecured deposits continues to be elevated relative to other investment options. The Authority therefore increasingly favoured secured investment options or diversified alternatives such as covered bonds, non-bank investments and pooled funds over unsecured bank and building society deposits.

Credit Score Analysis 2015/16

Date	Value Weighted Average Credit Risk Score	Value Weighted Average Credit Rating	Time Weighted Average Credit Risk Score	Time Weighted Average Credit Rating	Average Life (days)
31/03/2015	3.78	AA-	3.44	AA	487
30/06/2015	4.60	A+	5.04	A+	363
30/09/2015	3.64	AA-	1.38	AAA	353
31/12/2015	3.65	AA-	1.21	AAA	292
31/03/2016	2.89	AA	1.03	AAA	414

Liquidity Management

In keeping with the CLG's Guidance on Investments, the Authority maintained a sufficient level of liquidity through the use of Money Market Funds and instant access accounts.

Yield

The UK Bank Rate was maintained at 0.5% through the year. Short term money market rates also remained at very low levels which continued to have a significant impact on investment income. The average 3-month LIBID rate during 2014/15 was 0.54%, the 6-month LIBID rate averaged 0.76% and the 1-year LIBID rate averaged 0.99%. The low rates of return on the Authority's short-dated money market investments reflect prevailing market conditions and the Authority's objective of optimising returns commensurate with the principles of security and liquidity.

Table 1: Credit Score Analysis

Scoring:

Long-Term Credit Rating	Score
AAA	1
AA+	2
AA	3
AA-	4
A+	5
A	6
A-	7
BBB+	8
BBB	9
BBB-	10
Not rated	11
BB	12
CCC	13
C	14
D	15

The value weighted average reflects the credit quality of investments according to the size of the deposit. The time weighted average reflects the credit quality of investments according to the maturity of the deposit.

The Council aimed to achieve a score of 7 or lower, to reflect the Council's overriding priority of security of monies invested and the minimum credit rating of threshold of A- for investment counterparties.