



**POLICE
& CRIME
COMMISSIONER
THAMES VALLEY**

Treasury Management Strategy Statement 2016/17

incorporating the Minimum Revenue Provision Policy
Statement and Annual Investment Strategy 2016/17

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1 INTRODUCTION

1.1 Background

The Police and Crime Commissioner (PCC) is required to operate a balanced budget, which broadly means that cash income raised during the year will meet cash expenditure. Part of the treasury management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the PCC's low risk policy and appetite, providing adequate liquidity initially before considering investment return.

The second main function of the treasury management service is the funding of the PCC's capital plans. These capital plans provide a guide to the PCC's borrowing need, essentially the longer term cash flow planning to ensure that the PCC can meet his capital spending obligations. This management of longer term cash may involve arranging long or short term loans, or using longer term cash flow surpluses. On occasion any debt previously drawn may be restructured to meet the PCC's risk or cost objectives.

The Chartered Institute of Public Finance and Accountancy (CIPFA) defines treasury management as:

“The management of the local authority's investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks.”

1.2 Reporting requirements

The PCC is required to receive and approve, as a minimum, three main reports each year, which incorporate a variety of policies, estimates and actuals.

Prudential and treasury indicators and treasury strategy (this report) - The first, and most important report covers:

- the capital plans (including prudential indicators);
- a minimum revenue provision (MRP) policy (how residual capital expenditure is charged to revenue over time);
- the treasury management strategy (how the investments and borrowings are to be organised) including treasury indicators; and
- an investment strategy (the parameters on how investments are to be managed).

A mid-year treasury management report – This will update the PCC with progress on the capital position, amending prudential indicators as necessary, and will indicate whether the treasury operation is meeting the strategy or whether any policies require revision. In addition, this PCC will receive quarterly update reports.

An annual treasury report – This provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the PCC. As and when appropriate this role will be undertaken by the Joint Independent Audit Committee.

1.3 Treasury Management Strategy for 2016/17

The strategy for 2016/17 covers two main areas:

Capital issues

- the capital plans and the prudential indicators;
- the minimum revenue provision (MRP) strategy.

Treasury management issues

- the current treasury position;
- treasury indicators which limit the treasury risk and activities of the PCC;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- policy on use of external service providers.

These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, CLG MRP Guidance, the CIPFA Treasury Management Code and CLG Investment Guidance.

1.4 Training

The CIPFA Code requires the responsible officer to ensure that members (*sic*) with responsibility for treasury management receive adequate training in treasury management. This especially applies to members (*sic*) responsible for scrutiny.

The PCC, Deputy PCC and all three members of the Joint Independent Audit Committee have been provided with appropriate training. Further training will be provided if required.

The training needs of treasury management staff are reviewed periodically.

1.5 Treasury management consultants

The Office of the PCC uses Capita Asset Services as its external treasury management advisors.

The PCC recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon our external service providers.

The PCC also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The PCC will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented, and subjected to regular review.

2 THE CAPITAL PRUDENTIAL INDICATORS 2015/16 – 2018/19

The PCC's capital expenditure plans are the key driver of treasury management activity. The output from the capital expenditure plans are reflected in prudential indicators.

2.1 Capital expenditure and financing

The PCC is asked to approve the summary capital expenditure and financing projections. Any shortfall in resources results in a funding borrowing need. This forms the first prudential indicator.

Table 1	2014/15	2015/16	2016/17	2017/18	2018/19
	Actual £m	Revised Estimate £m	Estimate £m	Estimate £m	Estimate £m
Capital Expenditure	14.476	21.039	27.396	19.015	14.729
Financed by:					
Capital receipts	7.039	6.739	15.415	10.995	14.729
Capital grants	2.342	13.080	6.123	5.033	0.000
Revenue Reserves	1.988	0.943	0.268	0.100	0.577
Revenue contributions	2.619	0.140	0.840	2.340	1.940
3 rd party contributions	0.488	0.137	0.708	0.200	0.200
Other Income	0.000	0.000	0.450	0.450	0.000
Capital Reserves	0.000	0.000	0.000	0.000	0.000
Cashflow – timing issues ¹	0.000	0.000	3.592	- 0.103	- 2.268
Net financing need for the year	0.000	0.000	0.000	0.000	0.000

¹ We are not planning on borrowing to finance the medium term capital plan. We are fully aware of the timing issue that might be created if capital receipts are not generated before associated capital expenditure is incurred

2.2 The PCC's borrowing need (the Capital Financing Requirement)

The second prudential indicator is the PCC's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the PCC's underlying borrowing need. Any capital expenditure included in the table above, which has not immediately been paid for, will increase the CFR.

The CFR does not increase indefinitely, as the minimum revenue provision (MRP) is a statutory annual revenue charge which broadly reduces the borrowing need in line with each asset's life.

The CFR includes other long term liabilities such as PFI schemes and finance leases. Whilst these increase the CFR, and therefore the borrowing requirement, these types of scheme include a borrowing facility and so the PCC is not required to separately borrow for these schemes. The PCC currently [2015/16] has £6.145m of such schemes within the CFR.

The PCC is asked to approve the following CFR projections.

Table 2	2014/15 Actual £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m	2018/19 Estimate £m
Total CFR	41.770	40.598	39.655	38.693	37.710
Movement in CFR	-1.172	-0.943	-0.962	-0.983	-1.006
Net financing need for the year (per Table 1 above)	0.000	0.000	0.000	0.000	0.000
Less MRP/VRP and other financing movements	-1.172	-0.943	-0.962	-0.983	-1.006
Movement in CFR	-1.172	-0.943	-0.962	-0.983	-1.006

2.3 Minimum revenue provision (MRP) policy statement

The PCC is required to pay off an element of the accumulated capital spend each year (the CFR) and make a statutory charge to revenue for the repayment of debt, known as the minimum revenue provision (MRP). The MRP policy sets out how the PCC will pay for capital assets through revenue each year. The PCC is also allowed to make additional voluntary payments (voluntary revenue provision - VRP).

CLG regulations have been issued which require the PCC to approve an MRP Statement in advance of each year. A variety of options are provided, so long as there is a prudent provision.

The PCC is recommended to approve the following MRP Statement:

- For capital expenditure incurred before 1 April 2008, MRP will be based on the Regulatory Method. MRP will be written down over a fixed 50 year period
- For capital expenditure incurred from 1 April 2008, the MRP will be based on the 'Asset Life Method', whereby MRP will be based on the estimated life of the assets in accordance with the regulations.
- For finance leases, an 'MRP equivalent' sum will be paid off each year.

2.4 Core funds and expected investment balances

Investments will be made with reference to the core balances, future cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months).

Table 3 below provides an estimate of the year end balances for each resource and anticipated day to day cash flow balances.

Table 3	2014/15	2015/16	2016/17	2017/18	2018/19
Year End Resources	Actual £m	Estimate £m	Estimate £m	Estimate £m	Estimate £m
General balances	17.617	16.406	16.369	16.040	16.040
Earmarked revenue reserves	33.808	32.657	30.224	25.924	23.238
Capital grants and reserves	12.233	4.302	-4.541	-4.438	0.847
Insurance provision	6.129	6.420	6.420	6.420	6.420
Total core funds	69.787	59.785	48.472	43.946	45.545
Working capital*	20.100	20.100	20.100	20.100	20.100
Expected investments	89.887	79.885	68.572	64.046	65.645

* The working capital balance is the average difference between cash investments and core cash balances from the last 3 financial years. The actual figure will obviously vary from day to day according to circumstances.

2.5 Affordability prudential indicators

The previous sections cover the overall capital expenditure and control of borrowing prudential indicators but, within this framework, prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the PCC's overall finances. The PCC is asked to approve the following indicators:

2.6 Ratio of financing costs to net revenue stream.

This indicator identifies the trend in the cost of capital (borrowing and other long term obligation costs net of investment income) against the net revenue stream. The estimates of financing costs include current commitments and the proposals in this budget report.

Table 4	2014/15	2015/16	2016/17	2017/18	2018/19
Ratio of Financing Costs to Net Revenue Stream	Actual %	Estimate %	Estimate %	Estimate %	Estimate %
Ratio	0.56	0.42	0.40	0.37	0.30

2.7 Incremental impact of capital investment decisions on PCC council tax.

This indicator is calculated by identifying those revenue costs which appear separately in the three year revenue forecast (e.g. changes in DRF, capital financing costs and revenue consequences of investment in ICT, etc.) and then expressing the cash changes in terms of Band D council tax.

Table 5	2015/16	2016/17	2017/18	2018/19
Impact of Capital Investment Decisions on PCC Council Tax	Estimate £	Estimate £	Estimate £	Estimate £
Band D council tax	0.12	0.12	1.46	- 0.39

3 BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activities of the PCC. The treasury management function ensures that the PCC's cash is organised in accordance with the relevant professional codes so that sufficient cash is available to meet this service activity. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current portfolio position

The PCC's borrowing portfolio position at 31 March 2015, with forward projections, is summarised below. The table shows the actual external debt (the treasury management operations), against the underlying capital borrowing need (the Capital Financing Requirement or CFR), highlighting any over or under borrowing.

Table 6 PCC Borrowing Portfolio	2014/15 Actual %	2015/16 Estimate %	206/17 Estimate %	2017/18 Estimate %	2018/19 Estimate %
External Debt					
Debt at 1 April	24.968	19.568	14.843	17.343	19.843
Expected change in Debt	0.000	-4.725	2.500	2.500	2.500
Other long-term liabilities (OLTL) at 1 st April	6.360	6.145	5.912	5.660	5.387
Expected change in OLTL	-0.215	-0.233	-0.252	-0.273	-0.296
Actual gross debt at 31 March	31.113	20.755	23.003	25.230	27.434
The CFR	40.598	39.655	38.693	37.710	36.705
Under / (over) borrowing	9.485	18.900	15.690	12.480	9.271

Within the prudential indicators there are a number of key indicators to ensure that the PCC operates their activities within well defined limits. One of these is that the PCC needs to ensure that their gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2016/17 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue purposes.

The Chief Finance Officer reports that the PCC has complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this budget report.

3.2 Treasury Indicators: limits to borrowing activity

The **operational boundary** for external debt is based on 'probable' debt during the year and is a benchmark guide, not a limit. Actual debt could vary around this boundary for short periods during the year. It should act as a monitoring indicator to initiate timely action to ensure the statutory mandatory indicator (the 'Authorised Limit', per Table 8 below) is not breached inadvertently.

Table 7 Operational boundary	2015/16 Estimate	2016/17 Estimate	2017/18	2018/19
Debt	19.568	14.843	17.343	19.843
Other long term liabilities	6.145	5.912	5.660	5.387
Short Term liabilities	5.000	5.000	5.000	5.000
Total	30.713	25.755	28.003	30.230

The **authorised limit** for external debt is a key prudential indicator which provides control on the overall level of affordable borrowing. It represents a limit beyond which external debt is prohibited and needs to be set and/or revised by the PCC. It reflects the level of external debt which, whilst not necessarily 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 local authority plans, or those of a specific authority (or PCC), although this power has not yet been exercised.

The PCC is asked to approve the following authorised limit:

Table 8 Authorised limit	2015/16	2016/17	2017/18	2018/19
Debt	44.568	39.843	42.343	44.843
Other long term liabilities	6.145	5.912	5.660	5.387
Total	50.713	45.755	48.003	50.230

3.3 Prospects for interest rates¹

The PCC has appointed Capita Asset Services as his treasury advisor and part of their service is to assist the PCC to formulate a view on borrowing interest rates. The following table gives the Capita forecast view.

Table 9	Bank Rate	PWLB Borrowing Rates (including certainty rate adjustment)		
		5 year	25 year	50 year
	%	%	%	%
Dec 2015	0.50	2.30	3.60	3.50
Mar 2016	0.50	2.40	3.70	3.60
Jun 2016	0.75	2.60	3.80	3.70
Sep 2016	0.75	2.70	3.90	3.80
Dec 2016	1.00	2.80	4.00	3.90
Mar 2017	1.00	2.80	4.10	4.00
Jun 2017	1.25	2.90	4.10	4.00
Sep 2017	1.50	3.00	4.20	4.10
Dec 2017	1.50	3.20	4.30	4.20
Mar 2018	1.75	3.30	4.30	4.20
Jun 2018	1.75	3.40	4.40	4.30
Sep 2018	2.00	3.50	4.40	4.30
Dec 2018	2.00	3.50	4.40	4.30
Mar 2019	2.00	3.60	4.50	4.40

Capita Asset Services undertook a review of its interest rate forecasts on 9 November after the August Bank of England Inflation Report. This latest forecast includes no change in the timing of the first increase in Bank Rate as being quarter 2 of 2016. With

1. As of 9 November 2015

CPI inflation now likely to be at or near zero for most of 2015 and into early 2016, it is currently very difficult for the MPC to make a start on increasing Bank Rate. In addition, the Inflation Report forecast was also notably subdued with inflation barely getting back up to the 2% target within the 2-3 year time horizon. Despite average weekly earnings excluding bonuses hitting 2.5% in quarter 3, this has subsided to 1.9% and is unlikely to provide ammunition for the MPC to take action to raise Bank Rate soon as labour productivity growth would mean that net labour unit costs are still only rising by less than 1% y/y. The significant appreciation of Sterling against the Euro in 2015 has also acted to dampen UK growth while volatility in financial markets since the Inflation Report has resulted in volatility in equity and bond prices and bond yields (and therefore PWLB rates). But CPI inflation will start sharply increasing around mid-year 2016, once initial falls in fuel and commodity prices fall out of the 12 month calculation of inflation; this will cause the MPC to take a much keener interest in the forecasts for inflation over their 2-3 year time horizon from about mid-year.

The Governor of the Bank of England, Mark Carney, has repeatedly stated that increases in Bank Rate will be slow and gradual after they do start. The MPC is concerned about the impact of increases on many heavily indebted consumers, especially when average disposable income is only just starting a significant recovery as a result of recent increases in the rate of wage inflation, though some consumers will not have seen that benefit come through for them.

Interest rates

Investment returns are likely to remain relatively low during 2016/17 and beyond;

Borrowing interest rates have been highly volatile during 2015 as alternating bouts of good and bad news have promoted optimism, and then pessimism, in financial markets. Gilt yields have continued to remain at historically phenomenally low levels during 2015. The policy of avoiding new borrowing by running down spare cash balances, has served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in later times, when authorities will not be able to avoid new borrowing to finance new capital expenditure and/or to refinance maturing debt;

There will remain a cost of carry to any new borrowing which causes an increase in investments as this will incur a revenue loss between borrowing costs and investment returns.

3.4 Borrowing strategy

The PCC is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement) has not been fully funded with loan debt as cash supporting the PCC's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as, currently, investment returns are low and counterparty risk is relatively high.

Against this background and the risks within the economic forecast, caution will be adopted with the 2016/17 treasury operations. The Chief Finance Officer will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances, e.g.:

- *if it was felt that there was a significant risk of a sharp FALL in long and short term rates (e.g. due to a marked increase of risks around relapse into recession or of*

risks of deflation), then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.

- *if it was felt that there was a significant risk of a much sharper RISE in long and short term rates than that currently forecast*, perhaps arising from a greater than expected increase in the anticipated rate to US tapering of asset purchases, or in world economic activity or a sudden increase in inflation risks, then the portfolio position will be re-appraised with the likely action that fixed rate funding will be drawn whilst interest rates are still lower than they will be in the next few years

Any urgent decisions taken by the Chief Finance Officer will be reported to the PCC at the next available opportunity.

For budget planning purposes we have assumed that the maturing loan in 2015/16 (£4.725m) will be refinanced and that additional loans of £2.5m will be taken out in each of the following three years commencing in 2016/17 in order to start reducing the current level of under-borrowing.

At this stage we are not planning on using external borrowing to finance the Medium Term Capital Plan (2016/17 to 2019/20).

Adopting this approach will mean that level of under-borrowing will fall from its current (31st March 2016) level of £14.175m to around £4.546m by the end of 2018/19, due to the statutory annual transfer of monies from the revenue account (i.e. the Minimum Revenue Provision) that will reduce the CFR, all other things remaining equal.

Treasury management limits on activity

There are three debt related treasury activity limits. The purpose of these are to restrain the activity of the treasury function within certain limits, thereby managing risk and reducing the impact of any adverse movement in interest rates. However, if these are set to be too restrictive they will impair the opportunities to reduce costs / improve performance. The indicators are:

- Upper limits on variable interest rate exposure. This identifies the maximum limit for variable interest rates for both borrowing and investments.
- Upper limits on fixed interest rate exposure. This is similar to the previous indicator and covers a maximum limit on fixed interest rates;
- Maturity structure of borrowing. These gross limits are set to reduce the PCC's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits.

The PCC is asked to approve the following treasury indicators and limits:

Table 10	2016/17	2017/18	2018/19
Interest rate exposures			
	Upper	Upper	Upper
<i>Limits on fixed interest rates:</i>			
• <i>Debt only</i>	100%	100%	100%
• <i>Investments only</i>	100%	100%	100%
<i>Limits on variable interest rates</i>			
• <i>Debt only</i>	50%	50%	50%
• <i>Investments only</i>	100%	100%	100%

Maturity structure of fixed interest rate borrowing 2016/17		
	Lower	Upper
Under 12 months	0%	50%
12 months to 2 years	0%	50%
2 years to 5 years	0%	50%
5 years to 10 years	0%	50%
10 years and above	0%	100%
Maturity structure of variable interest rate borrowing 2016/17		
	Lower	Upper
<i>Under 12 months</i>	0%	100%
<i>12 months to 2 years</i>	0%	100%
<i>2 years to 5 years</i>	0%	100%
<i>5 years to 10 years</i>	0%	100%
<i>10 years and above</i>	0%	100%

3.5 Policy on borrowing in advance of need

Since the PCC is not planning to borrow to finance capital expenditure over the next four years there is no requirement currently to borrow in advance of need.

3.6 Debt rescheduling

As short term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long term debt to short term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

- the generation of cash savings and / or discounted cash flow savings;
- helping to fulfil the treasury strategy;
- enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).

Any rescheduling undertaken will be formally reported to the PCC in the next quarterly performance update.

4 ANNUAL INVESTMENT STRATEGY

The following narrative has been supplied by our Treasury advisors, Capita:

“The main rating agencies (Fitch, Moody’s and Standard & Poor’s) have, through much of the financial crisis, provided some institutions with a ratings “uplift” due to implied levels of sovereign support. Commencing in 2015, in response to the evolving regulatory regime, all three agencies have begun removing these “uplifts” with the timing of the process determined by regulatory progress at the national level. The process has been part of a wider reassessment of methodologies by each of the rating agencies. In addition to the removal of implied support, new methodologies are now taking into account additional factors, such as regulatory capital levels. In some cases, these factors have “netted” each other off, to leave underlying ratings either unchanged or little changed. A consequence of these new methodologies is that they have also lowered the importance of the (Fitch) Support and Viability ratings and have seen the (Moody’s) Financial Strength rating withdrawn by the agency.

In keeping with the agencies' new methodologies, the rating element of our own credit assessment process now focuses solely on the Short and Long Term ratings of an institution. While this is the same process that has always been used for Standard & Poor's, this has been a change in the use of Fitch and Moody's ratings. It is important to stress that the other key elements to our process, namely the assessment of Rating Watch and Outlook information as well as the Credit Default Swap (CDS) overlay have not been changed.

The evolving regulatory environment, in tandem with the rating agencies' new methodologies also means that sovereign ratings are now of lesser importance in the assessment process. Where through the crisis, clients typically assigned the highest sovereign rating to their criteria, the new regulatory environment is attempting to break the link between sovereign support and domestic financial institutions. While the PCC understands the changes that have taken place, it will continue to specify a minimum sovereign rating of AA-. This is in relation to the fact that the underlying domestic and where appropriate, international, economic and wider political and social background will still have an influence on the ratings of a financial institution.

It is important to stress that these rating agency changes do not reflect any changes in the underlying status or credit quality of the institution. They are merely reflective of a reassessment of rating agency methodologies in light of enacted and future expected changes to the regulatory environment in which financial institutions operate. While some banks have received lower credit ratings as a result of these changes, this does not mean that they are suddenly less credit worthy than they were formerly. Rather, in the majority of cases, this mainly reflects the fact that implied sovereign government support has effectively been withdrawn from banks. They are now expected to have sufficiently strong balance sheets to be able to withstand foreseeable adverse financial circumstances without government support. In fact, in many cases, the balance sheets of banks are now much more robust than they were before the 2008 financial crisis when they had higher ratings than now. However, this is not universally applicable, leaving some entities with modestly lower ratings than they had through much of the "support" phase of the financial crisis."

4.1 Investment policy

The PCC's investment policy has regard to the CLG's Guidance on Local Government Investments ("the Guidance") and the revised CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes ("the CIPFA TM Code"). The PCC's investment priorities will be security first, liquidity second, then return.

In accordance with the above guidance from the CLG and CIPFA, and in order to minimise the risk to investments, the PCC applies minimum acceptable credit criteria in order to generate a list of highly creditworthy counterparties which also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the Short Term and Long Term ratings.

Ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To this end the PCC will engage with its advisors to maintain a monitor on market pricing such as "credit default swaps" and overlay that information on top of the credit ratings.

Other information sources used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.

Investment instruments identified for use in the financial year are listed in appendix 5.2 under the 'specified' and 'non-specified' investments categories. Counterparty limits will be as set through the Council's treasury management practices – schedules.

4.2 Creditworthiness policy

The PCC applies the creditworthiness service provided by Capita Asset Services. This service employs a sophisticated modelling approach utilising credit ratings from the three main credit rating agencies - Fitch, Moody's and Standard and Poor's. The credit ratings of counterparties are supplemented with the following overlays:

- credit watches and credit outlooks from credit rating agencies;
- CDS spreads to give early warning of likely changes in credit ratings;
- sovereign ratings to select counterparties from only the most creditworthy countries.

This modelling approach combines credit ratings, credit Watches and credit Outlooks in a weighted scoring system which is then combined with an overlay of CDS spreads for which the end product is a series of colour coded bands which indicate the relative creditworthiness of counterparties. These colour codes are used by the PCC to determine the suggested duration for investments. The PCC will therefore use counterparties within the following durational bands.

- Yellow 5 years
- Purple 2 years
- Blue 1 year (only applies to nationalised or semi nationalised UK Banks)
- Orange 1 year
- Red 6 months
- Green 100 days
- No colour not to be used

Y	Pi1	Pi2	P	B	O	R	G	N/C
1	1.25	1.5	2	3	4	5	6	7
Up to 5yrs	Up to 5yrs	Up to 5yrs	Up to 2yrs	Up to 1yr	Up to 1yr	Up to 6mths	Up to 100days	No Colour

The Capita Asset Services' creditworthiness service uses a wider array of information than just primary ratings. Furthermore, by using a risk weighted scoring system, it does not give undue preponderance to just one agency's ratings.

Typically the minimum credit ratings criteria the PCC uses will be a Short Term rating (Fitch or equivalents) of F1 and a Long Term rating of A-. There may be occasions when the counterparty ratings from one rating agency are marginally lower than these ratings but may still be used. In these instances consideration will be given to the whole range of ratings available, or other topical market information, to support their use.

All credit ratings will be monitored weekly. The PCC is alerted to changes to ratings of all three agencies through its use of the Capita Asset Services' creditworthiness service.

- if a downgrade results in the counterparty / investment scheme no longer meeting the PCC's minimum criteria, its further use as a new investment will be withdrawn immediately.

- in addition to the use of credit ratings the PCC will be advised of information in movements in credit default swap spreads against the iTraxx benchmark and other market data on a daily basis via its Passport website, provided exclusively to it by Capita Asset Services. Extreme market movements may result in downgrade of an institution or removal from the PCC's lending list.

Sole reliance will not be placed on the use of this external service. In addition the PCC will also use market data and market information, information on any external support for banks to help support its decision making process.

4.3 Country limits

The PCC has determined that it will only use approved counterparties from countries with a minimum sovereign credit rating of AA- from Fitch (or equivalent). The list of countries that qualify using this credit criteria as at the date of this report are shown in Appendix 5.3. This list will be added to, or deducted from, by officers should ratings change in accordance with this policy.

The UK is excluded from any stipulated minimum sovereign rating requirement.

4.4 Investment strategy

Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months). The majority of funds will be placed in call accounts, money market funds or short-term deposits. Alternatively, tradable certificates of deposit (CDs) will be acquired.

Investments of up to 2 years will also be allowed with the Royal Bank of Scotland Group. No material change in Government ownership is expected during that period. This policy will allow the PCC to lock in investment returns whilst continuing to adopt a low risk approach.

Bank Rate is forecast to remain unchanged at 0.5% before starting to rise from quarter 2 of 2016. Bank Rate forecasts for financial year ends (March) are:

- 2016/17 1.00%
- 2017/18 1.75%
- 2018/19 2.00%

The suggested budgeted investment earnings rates for returns on investments placed for periods up to 100 days during each financial year for the next three years are as follows:

2016/17 0.90%
2017/18 1.50%
2018/19 2.00%

The overall balance of risks to these forecasts is currently to the downside (i.e. start of increases in Bank Rate occurs later). However, should the pace of growth quicken and / or forecasts for increases in inflation rise, there could be an upside risk.

Investment treasury indicator and limit - total principal funds invested for greater than 364 days. These limits are set with regard to the PCC's liquidity requirements and to reduce the need for early sale of an investment, and are based on the availability of funds after each year-end. A limit of £20m is recommended in order to provide officers with flexibility to take advantage of time and cash limited offers from the Lloyds banking group, which sometimes exceed 364 days when initially offered, or to place deposits for up to 2 years in order to lock in investments returns whilst continuing to adopt a low risk approach.

The PCC is asked to approve the treasury indicator and limit:

Table 11 - Maximum principal sums invested > 364 days			
	2016/17	2017/18	2018/19
Principal sums invested	£20m	£20m	£20m

4.5 Investment risk benchmarking

The PCC has approved benchmarks for investment Security, Liquidity and Yield.

These benchmarks are simple guideline targets (not limits) and so may be breached from time to time, depending on movements in interest rates and counterparty criteria. The purpose of the benchmark is that officers will monitor the current and trend position, and amend the operational strategy depending on any changes.

The proposed benchmarking targets for 2016/17 are set out below:

- a) **Security** - the PCC's maximum security risk benchmark for the current portfolio, when compared to historic default tables, is:
 - 0.25% historic risk of default when compared to the whole portfolio.
- b) **Liquidity** – in respect of this area the OPCC seeks to maintain:
 - Bank overdraft limit - £0.1m
 - Liquid short term deposits - including the receipt of government grants, council tax precept income and use of short-term borrowing - of at least £5m available within one week.
 - 'Weighted Average Life' benchmark - 9 months (270 days), with a maximum of 2 years.
- c) **Yield** – performance target is to achieve:
 - an average return above the weighted average 7 day and 12 month LIBID rates (i.e. the bespoke TVP benchmark)

Any breach of the indicators or limits will be reported to the PCC, with supporting reasons, in the quarterly performance monitoring reports. Members of the Joint Independent Audit Committee will also be notified.

4.6 End of year investment report

At the end of the financial year the Chief Finance Officer will report on the investment activity as part of his Annual Treasury Report.

5 Appendices

5.1 Economic background (as provided by Capita on 05.01.2016)

UK. GDP growth rates in 2013 of 2.2% and 2.9% in 2014 were the strongest growth rates of any G7 country; the 2014 growth rate was also the strongest UK rate since 2006 and the 2015 growth rate is likely to be a leading rate in the G7 again. However, quarter 1 of 2015 was weak at +0.4% (+2.9% y/y) though there was a slight increase in quarter 2 to +0.5% (+2.3% y/y) before falling back to +0.4% (+2.1% y/y) in quarter 3. Growth is expected to improve to about +0.6% in quarter 4 but the economy faces headwinds for exporters from the appreciation of Sterling against the Euro and weak growth in the EU, China and emerging markets, plus the dampening effect of the Government's continuing austerity programme, although the pace of reductions was eased in the November autumn statement.

Despite these headwinds, the Bank of England November Inflation Report included a forecast for growth over the three years of 2015, 2016 and 2017 to be around 2.7%, 2.5% and 2.6% respectively, although statistics since then would indicate that an actual outturn for 2015 is more likely to be around 2.2%. Nevertheless, this is still moderately strong growth which is being driven mainly by strong consumer demand as the squeeze on the disposable incomes of consumers has been reversed by a recovery in wage inflation at the same time that CPI inflation has fallen to, or near to, zero over the last quarter. Investment expenditure is also expected to support growth.

The November Bank of England Inflation Report forecast was notably subdued with inflation barely getting back up to the 2% target within the 2-3 year time horizon. However, with the price of oil taking a fresh downward direction and Iran expected to soon rejoin the world oil market after the impending lifting of sanctions, there could be several more months of low inflation still to come, especially as world commodity prices have generally been depressed by the Chinese economic downturn.

There are, therefore, considerable risks around whether inflation will rise in the near future as strongly as previously expected; this will make it more difficult for the Bank of England to make a start on raising Bank Rate as soon as had been expected in early 2015, especially given the subsequent major concerns around the slowdown in Chinese growth, the knock on impact on the earnings of emerging countries from falling oil and commodity prices, and the volatility we have seen in equity and bond markets during 2015, which could potentially spill over to impact the real economies rather than just financial markets.

USA. The American economy made a strong comeback after a weak first quarter's growth at +0.6% (annualised), to grow by no less than 3.9% in quarter 2 of 2015 before easing back to +2.0% in quarter 3. While there had been confident expectations during the summer that the Fed. could start increasing rates at its meeting on 17 September, downbeat news during the summer about Chinese and Japanese growth and the knock on impact on emerging countries that are major suppliers of commodities, was cited as the main reason for the Fed's decision to pull back from making that start. The nonfarm payrolls figures for September and revised August, issued on 2 October, were also disappointingly weak. However, since then concerns on both the domestic and international scene have abated and so the Fed made its long anticipated start in raising rates at its December meeting.

Eurozone. The ECB fired its big bazooka in January 2015 in unleashing a massive €1.1 trillion programme of quantitative easing to buy up high credit quality government and other debt of selected EZ countries. This programme of €60bn of monthly purchases started in March 2015 and it was intended to run initially to September 2016. At the ECB's December meeting, this programme was extended to March 2017 but was not increased in terms of the amount of monthly purchases. The ECB also cut its deposit facility rate by 10bps from -0.2% to -0.3%. This programme of monetary easing has had a limited positive effect in helping a recovery in consumer and business confidence and a start to some improvement in economic growth. GDP growth rose to 0.5% in quarter 1 2015 (1.3% y/y) but has then eased back to +0.4% (+1.6% y/y) in quarter 2 and to +0.3% (+1.6%) in quarter 3. Financial markets were disappointed by the ECB's lack of more decisive action in December and it is likely that it will need to boost its QE programme if it is to succeed in significantly improving growth in the EZ and getting inflation up from the current level of around zero to its target of 2%.

Greece. During July, Greece finally capitulated to EU demands to implement a major programme of austerity. An €86bn third bailout package has since been agreed although it did nothing to address the unsupportable size of total debt compared to GDP. However, huge damage has been done to the Greek banking system and economy by the initial resistance of the Syriza Government, elected in January, to EU demands. The surprise general election in September gave the Syriza government a mandate to stay in power to implement austerity measures. However, there are major doubts as to whether the size of cuts and degree of reforms required can be fully implemented and so a Greek exit from the euro may only have been delayed by this latest bailout.

Portugal and Spain. The general elections in September and December respectively have opened up new areas of political risk where the previous right wing reform-focused pro-austerity mainstream political parties have lost power. A left wing / communist coalition has taken power in Portugal which is heading towards unravelling previous pro austerity reforms. This outcome could be replicated in Spain. This has created nervousness in bond and equity markets for these countries which has the potential to spill over and impact on the whole Eurozone project.

China and Japan. Japan is causing considerable concern as the increase in sales tax in April 2014 suppressed consumer expenditure and growth. In Q2 2015 quarterly growth shrank by -0.2% after a short burst of strong growth of 1.1% during Q1, but then came back to +0.3% in Q3 after the first estimate had indicated that Japan had fallen back into recession; this would have been the fourth recession in five years. Japan has been hit hard by the downturn in China during 2015 and there are continuing concerns as to how effective efforts by the Abe government to stimulate growth, and increase the rate of inflation from near zero, are likely to prove when it has already fired the first two of its 'arrows' of reform but has dithered about firing the third, deregulation of protected and inefficient areas of the economy.

As for China, the Government has been very active during 2015 in implementing several stimulus measures to try to ensure the economy hits the growth target of 7% for the current year and to bring some stability after the major fall in the onshore Chinese stock market during the summer. Many commentators are concerned that recent growth figures could have been massaged to hide a downturn to a lower growth figure. There are also major concerns as to the creditworthiness of much of the bank lending to corporates and local government during the post 2008 credit expansion period. Overall, China is still expected to achieve a growth figure that the EU would be envious of.

Nevertheless, concerns about whether the Chinese economy could be heading for a hard landing, and the volatility of the Chinese stock market, which was the precursor to falls in world financial markets in August and September, remain a concern.

Emerging countries. There are also considerable concerns about the vulnerability of some emerging countries and their corporates which are getting caught in a perfect storm. Having borrowed massively in dollar denominated debt since the financial crisis (as investors searched for yield by channelling investment cash away from western economies with dismal growth, depressed bond yields and near zero interest rates into emerging countries) there is now a strong flow back to those western economies with strong growth and an imminent rise in interest rates and bond yields.

This change in investors' strategy, and the massive reverse cash flow, has depressed emerging country currencies and, together with a rise in expectations of a start to central interest rate increases in the US, has helped to cause the dollar to appreciate significantly. In turn, this has made it much more costly for emerging countries to service their dollar denominated debt at a time when their earnings from commodities are depressed. There are also likely to be major issues when previously borrowed debt comes to maturity and requires refinancing at much more expensive rates.

Corporates (worldwide) heavily involved in mineral extraction and / or the commodities market may also be at risk and this could also cause volatility in equities and safe haven flows to bonds. Financial markets may also be buffeted by the sovereign wealth funds of those countries that are highly exposed to falls in commodity prices and which, therefore, may have to liquidate investments in order to cover national budget deficits.

CAPITA ASSET SERVICES FORWARD VIEW

Economic forecasting remains difficult with so many external influences weighing on the UK. Our Bank Rate forecasts, (and also MPC decisions), will be liable to further amendment depending on how economic data transpires over the next year. Forecasts for average earnings beyond the three year time horizon will be heavily dependent on economic and political developments. Major volatility in bond yields is likely to endure as investor fears and confidence ebb and flow between favouring more risky assets i.e. equities, or the safe haven of bonds.

The overall longer run trend is for gilt yields and PWLB rates to rise, due to the high volume of gilt issuance in the UK, and of bond issuance in other major western countries. Increasing investor confidence in eventual world economic recovery is also likely to compound this effect as recovery will encourage investors to switch from bonds to equities.

We have pointed out consistently that the Fed. rate is likely to go up both sooner and at a sharper rate than Bank Rate in the UK. These increases will have corresponding effects in pushing up US Treasury and UK gilt yields. While there is normally a high degree of correlation between the two yields, we would expect to see a decoupling of yields between the two i.e. we would expect US yields to go up faster than UK yields. We will monitor this area and the resulting effect on PWLB rates.

The overall balance of risks to economic recovery in the UK is currently evenly balanced. Only time will tell just how long this current period of strong economic growth will last; it also remains exposed to vulnerabilities in a number of key areas.

We would, however, remind clients of the view that we have expressed in our previous interest rate revision newsflashes of just how unpredictable PWLB rates and bond yields are at present. We are experiencing exceptional levels of volatility which are highly correlated to geo-political and sovereign debt crisis developments. Our revised forecasts are based on the Certainty Rate (minus 20 bps) which has been accessible to most authorities since 1st November 2012.

Downside risks to current forecasts for UK gilt yields and PWLB rates currently include:

- Geopolitical risks in Eastern Europe, the Middle East and Asia, increasing safe haven flows.
- UK economic growth is weaker than we currently anticipate.
- Weak growth or recession in the UK's main trading partners - the EU, US and China.
- A resurgence of the Eurozone sovereign debt crisis.
- Recapitalisation of European banks requiring more government financial support.
- Monetary policy action failing to stimulate sustainable growth and to combat the threat of deflation in western economies, especially the Eurozone and Japan.

The potential for upside risks to current forecasts for UK gilt yields and PWLB rates, especially for longer term PWLB rates include: -

- Uncertainty around the risk of a UK exit from the EU.
- The commencement by the US Federal Reserve of increases in the Fed. funds rate in the near future, causing a fundamental reassessment by investors of the relative risks of holding bonds as opposed to equities and leading to a major flight from bonds to equities.
- UK inflation returning to significantly higher levels than in the wider EU and US, causing an increase in the inflation premium inherent to gilt yields.

5.2 Credit and Counterparty Risk Management

Specified and Non-Specified Investments and Limits

Specified Investments

'Specified' investments are sterling investments of not more than one year maturity made with any institution meeting the minimum 'high' quality criteria where applicable

Non-Specified Investments

These are any investments which do not meet the specified investment criteria. A maximum of 50% will be held in aggregate in non-specified investment

A variety of investment instruments will be used, subject to the credit quality of the institution, and depending on the type of investment made it will fall into one of the above categories.

Investments of up to 2 years will continue to be allowed with the Royal Bank of Scotland (RBS) Group, since no material change in Government ownership is expected during that period. This policy will allow the PCC to lock in investment returns whilst continuing to adopt a low risk approach.

The proposed criteria for (a) Specified and (b) Non-Specified investments are presented below for approval.

a) Specified Investments

These investments are sterling investments of not more than one-year maturity, or those which could be for a longer period but where the PCC has the right to be repaid within 12 months if it wishes.

	Minimum credit criteria / colour band	Maximum investment per institution	Maximum maturity period
DMADF – UK Government	N/A	No limit	6 months
Money Market Funds (MMF)	AAA by at least 2 rating agencies and minimum asset base of £500m	£25m or 1% of total asset base whichever is the lower figure	Liquid (instant access)
Local authorities	N/A	£10m	1 year
Term deposits with banks and building societies	Blue Orange Red Green	£40m £30m £20m £15m	Up to 1 year Up to 1 year Up to 6 months Up to 100 days
CDs or corporate bonds with banks and building societies	Blue Orange Red Green	£40m £30m £20m £15m	Up to 1 year Up to 1 year Up to 6 months Up to 100 days

b) Non-Specified Investments

Non-specified investments are any other type of investment (i.e. not defined as 'specified' above). The identification and rationale supporting the selection of these other investments, and the maximum limits to be applied, are set out below.

Non-specified investments would include any sterling investments with:

	Minimum credit criteria / colour band	Maximum investment per institution	Maximum maturity period
The PCC's own banker if it fails to meet the basic credit criteria. In this instance balances will be minimised as far as is possible.		Minimal	
Local authorities	N/A	£10m	5 years
Term deposits with banks and building societies	Purple Blue (RBS)	£30m £20m	Up to 2 years Up to 2 years
CDs or corporate bonds with banks and building societies	Purple Blue (RBS)	£30m £40m	Up to 2 years Up to 2 years

5.3 Approved Countries for investments

AAA

- Australia
- Canada
- Denmark
- Germany
- Netherlands
- Singapore
- Sweden
- Switzerland
- Norway
- Luxembourg

AA+

- Finland
- Hong Kong
- U.K.
- U.S.A.

AA

- Abu Dhabi (UAE)
- France
- Qatar

AA-

- Belgium