# Appendix A: Forecasting public finances

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This appendix looks at the techniques used for the Green Budget public finance forecasts. It starts by comparing the forecasts made for borrowing in 2008–09 in last year's Green Budget and in the November 2008 Pre-Budget Report (PBR) with the eventual out-turn. It then goes on to provide more background information to the short-term and medium-term public finance forecasts that are set out in Chapter 6.

### A.1 The accuracy of our previous forecasts

The January 2009 Green Budget forecast was for a lower level of current receipts and the same level of current spending as those published by the Treasury in the November 2008 PBR. The out-turn for the public finances in 2008–09 was actually even weaker than either the 2008 PBR or the 2009 IFS Green Budget forecast. Though spending ended up being slightly lower than PBR 2008 had forecast, current receipts were much weaker.

The November 2008 PBR forecast that the current budget deficit in 2008–09 would be £41.2 billion, while the 2009 IFS Green Budget forecast that it would be £47.8 billion. The actual estimated out-turn from the 2009 PBR was a deficit of £50.1 billion, as shown in Table A.1. Slightly lower-than-forecast investment spending meant that the out-turn for net borrowing diverged slightly less from the earlier forecasts, with net borrowing in 2008–09 estimated in the December 2009 PBR to have been £85.5 billion, compared with the November 2008 PBR forecast of £77.6 billion and the January 2009 Green Budget forecast of £84.3 billion.

Table A.1. Comparison of forecasts for fiscal aggregates, 2008–09

£ billion	HM Treasury PBR forecast, November 2008	IFS Green Budget forecast, January 2009	Estimate, PBR, December 2009
Current receipts	545.5	538.9	532.4
Current expenditure <sup>a</sup>	586.7	586.7	582.5
Net investment	36.5	36.5	35.4
Total managed expenditure	623.2	623.2	617.9
Public sector net borrowing	77.6	84.3	85.5
Surplus on current budget	<b>–41.2</b>	-47.8	<b>-</b> 50.1

a. Includes depreciation.

Notes: Figures for net investment and net borrowing in 2008–09 from PBR 2009 are shown net of the impact of various capital transactions between the nationalised banks and other parts of the public sector (which amounted to £9.9 billion in 2008–09). Furthermore, the figure for net borrowing excludes the income received by the public sector from private sector banks as a result of public sector interventions in the financial sector (amounting to £0.8 billion in 2008–09) – see table B18 of PBR 2009.

Sources: Out-turn figures for 2008–09 from HM Treasury, *Pre-Budget Report 2009*, December 2009, <a href="http://www.hm-treasury.gov.uk/prebud\_pbr09\_index.htm">http://www.hm-treasury.gov.uk/prebud\_pbr09\_index.htm</a>. Forecasts from HM Treasury, *Pre-Budget Report 2008*, November 2008, <a href="http://www.hm-treasury.gov.uk/prebud\_pbr08\_index.htm">http://www.hm-treasury.gov.uk/prebud\_pbr08\_index.htm</a>, and table 6.2 of R. Chote, C. Emmerson, D. Miles and J. Shaw (eds), *The IFS Green Budget: January 2009*, IFS Commentary 107, <a href="http://www.ifs.org.uk/publications/4417">http://www.ifs.org.uk/publications/4417</a>.

Current receipts came in £13.1 billion weaker than forecast in the November 2008 PBR and £6.5 billion weaker than forecast in the January 2009 IFS Green Budget. Current spending (including depreciation) came in £4.2 billion lower than forecast by both the November 2008 PBR and the January 2009 IFS Green Budget. Public sector net investment was £1.1 billion lower than either of the previous forecasts suggested.

Table A.2 shows the breakdown of the errors in the forecasts for tax receipts contained in the November 2008 PBR and the January 2009 IFS Green Budget. Net taxes and National Insurance contributions were overestimated by the Treasury and, to a lesser extent, the Green Budget. The largest error, common to both forecasts for revenues, was in value added tax (VAT): the PBR 2008 forecast overestimated VAT revenues by £4.2 billion, while the January 2009 Green Budget forecast was £3.1 billion too high. Both forecasts also contained relatively small overestimates of corporation tax revenues and fuel duties.

Outside of net taxes and social security contributions, there was also an apparently large absolute error in both forecasts for non-tax receipts: the November 2008 PBR and the January 2009 Green Budget overestimated non-tax receipts by £4.2 billion and £4.1 billion, respectively.

Table A.2. IFS Green Budget and Treasury errors in forecasting tax receipts, 2008–09

£ billion	Pre-Budget Report, November 2008	IFS Green Budget, January 2009
Income tax (net of tax credits)	3.3	-0.8
National Insurance contributions	0.8	0.8
Value added tax	4.2	3.1
Corporation tax (net of tax credits)	1.8	1.9
Fuel duties	0.5	0.5
Stamp duties	0.3	-0.4
Other taxes	-2.0	-2.7
Net taxes & National Insurance contributions	8.9	2.4
Non-tax receipts <sup>a</sup>	4.2	4.1
Total current receipts	13.1	6.5

<sup>&</sup>lt;sup>a</sup> Includes accruals adjustments on taxes, the tax credits adjustments, interest and dividends, gross operating surplus and rent; net of oil royalties and business rate payments by local authorities, the own resources contribution to the EU budget and public corporations' corporation tax payments.

Sources: As for Table A.1.

## A.2 Techniques used in our forecasts

For the current financial year, three different sources of information are examined before coming to a judgement for each element of government revenue. In addition to the latest Treasury forecast from the December 2009 PBR, we use information from the revenues implied by a current receipts method, and the IFS modelled approach.<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> For a more detailed explanation of both these techniques, see C. Giles and J. Hall, 'Forecasting the PSBR outside government: the IFS perspective', *Fiscal Studies*, 1998, 19, 83–100.

#### Information from current receipts

The current receipts method uses the information on receipts received in the current financial year compared with those received up to the same point in the previous financial year. An estimate for the whole of the current year's receipts is then calculated using the following formula:

2009-10 forecast = Receipts received so far this year  $\times$  2008-09 receipts Receipts received to the same point last year

While this is useful when forecasting revenues in the current financial year, it cannot provide projections for borrowing in future years. Also, particular caution must be used when revenues are cyclical or changes have been made that may affect the timing of payments. Both of these factors are likely to have significantly affected the timing of some tax payments in 2008–09 and 2009–10.

#### The IFS modelled receipts approach

This estimates growth in each of the taxes using forecasts for the growth in the tax base relevant to each tax, combined with an estimate of the elasticity of revenue with respect to the growth in the tax base. Information on the revenue effects of pre-announced tax changes from previous Budgets is then added in order to reach a forecast. Hence, modelled receipts can be summarised by the following formula:

2009–10 forecast = (2008–09 receipts × Tax-base change × Elasticity) + Tax changes
This technique enables forecasts to be made for future years, given the expected
structure of the tax system. It should be noted that these forecasts become considerably
less accurate for later years, since forecasts for changes in tax bases, estimates of
elasticities and the impact of tax changes all become less accurate.

The elasticities are largely estimated from TAXBEN, the IFS tax and benefit model. For fuel, an elasticity calculated from previous IFS research is used.<sup>2</sup> Elasticities for beer, spirits, wine and tobacco duties are taken from the median elasticity found in a range of UK studies.<sup>3</sup>

#### A.3 Forecasts for 2009–10

The Green Budget forecast is a judgement based on the Treasury's latest forecast contained in the December 2009 PBR, the current receipts method and the IFS modelled approach. Each of these is presented in Table A.3. For some taxes, we know there are significant changes in policy being brought in part-way through the year (such as the temporary cut in the main rate of VAT from  $17\frac{1}{2}\%$  to 15% that ran from 1 December 2008 to 31 December 2009, and the new bank payroll tax set to operate from 9 December 2009 to 5 April 2010). In these cases, we have also incorporated an estimate of the impact of these measures on the timing of receipts when coming to our judgement – this is discussed in more detail below.

<sup>&</sup>lt;sup>2</sup> L. Blow and I. Crawford, *The Distributional Effects of Taxes on Private Motoring*, IFS Commentary 65, 1997, <a href="http://www.ifs.org.uk/publications/1887">http://www.ifs.org.uk/publications/1887</a>.

<sup>&</sup>lt;sup>3</sup> M. Chambers, 'Consumers' demand and excise duty receipts equations for alcohol, tobacco, petrol and DERV', Government Economic Service, Working Paper 138, August 1999.

Table A.3. Forecasts for government borrowing in 2009–10

£ billion	PBR Dec. 2009	Current receipts method	IFS forecasting model	IFS forecast judgement
HM Revenue and Customs				
Income tax (net of tax credits)	134.2	141.5 <sup>f</sup>	144.8	137.5
National Insurance contributions <sup>a</sup>	94.8	94.9	99.5	95.9
Value added tax (VAT)	67.2	65.8	67.8	70.0
Corporation tax (net of tax credits)	33.4	33.1	40.1	33.1
Petroleum revenue tax	1.2	0.7	2.6	1.2
Fuel duties	26.4	26.2	26.3	26.4
Capital gains tax	2.5	n/a <sup>f</sup>	7.6	2.5
Inheritance tax	2.2	2.1	2.5	2.2
Stamp duties	7.4	6.5	7.4	7.4
Tobacco duties	8.8	8.9	8.3	8.8
Spirits duties	2.6	2.6	2.3	2.6
Wine duties	2.9	3.0	2.6	2.9
Beer and cider duties	3.5	3.6	3.9	3.5
Betting and gaming duties	1.4	1.4	1.5	1.4
Air passenger duty	1.9	1.7	2.1	1.9
Insurance premium tax	2.3	2.2	2.2	2.3
Landfill tax	0.9	0.8	1.2	0.9
Climate change levy	0.7	0.7	0.7	0.7
Aggregates levy	0.3	0.3	0.3	0.3
Customs duties and levies	2.6	2.7	2.8	2.6
Total HMRC	397.0	398.9	426.4	404.1
Vehicle excise duties	5.7	5.6	5.5	5.7
Business rates	23.7	23.7	21.6	23.7
Council tax <sup>b</sup>	24.8	24.8	24.8	24.8
Other taxes and royalties <sup>c</sup>	16.4	16.4	15.4	16.4
Net taxes and NI contributions <sup>d</sup>	467.6	469.4	493.8	474.7
Other adjustments <sup>e</sup>	30.6	30.6	30.6	30.6
Current receipts	498.1	500.0	524.4	505.2
Current spending	626.2	617.5	623.0	623.0
Current balance	-128.1	-117.5	-98.6	-117.7
Net investment	49.5	49.5	49.5	49.5
Public sector net borrowing	177.6	167.0	148.1	167.2

a. 2009–10 includes revenues from the bank payroll tax.

Sources: PBR forecasts from HM Treasury, *Pre-Budget Report 2009*, December 2009, <a href="https://www.hm-treasury.gov.uk/prebud\_pbr09\_index.htm">https://www.hm-treasury.gov.uk/prebud\_pbr09\_index.htm</a>; this table is similar to table B10 on page 181. Authors' calculations.

b. PBR figures are based on stylised assumptions rather than government forecasts.

c. Includes VAT refunds and money paid into the National Lottery Distribution Fund.

d. Includes VAT and the traditional 'own resources' contributions to the EU budget.

e. This line is a sum of accruals adjustments on taxes, tax credit adjustment, interest and dividends, and other receipts, less own resources contribution to EU budget and public corporations' corporation tax payments.

 $f. \ Current \ receipts \ estimate \ of income \ tax \ revenues \ includes \ capital \ gains \ tax.$ 

Our forecast for total receipts in 2009–10 is £7.1 billion higher than that which the Treasury made in PBR 2009, as a result of more optimistic forecasts of revenues from income tax, National Insurance contributions and VAT, slightly offset by a less optimistic forecast for corporation tax revenues. We also forecast that spending will be £3.2 billion lower than forecast in PBR 2009, as a result of a small current underspend.

#### HM Revenue and Customs receipts

For **income tax** (net of tax credits), we forecast £137.5 billion. This is £3.3 billion above the Treasury forecast. This judgement is based principally on the growth in income tax receipts seen over the year to date, adjusted downwards for an estimate of the impact that the bank payroll tax will have on reducing the amount of income tax that will be paid. (The Treasury has chosen to score the revenue raised from the bank payroll tax as National Insurance contributions.) In making the adjustment for the bank payroll tax, we assume that the Treasury's PBR 2009 estimate of the net revenues gained (of £550 million) is correct and then calculate from this the implied reduction in income tax. This results in a £0.5 billion estimated reduction in income tax receipts.

Considerable uncertainties regarding income tax receipts this year remain, much of which should be resolved when receipts in January are known. This is because January is the month in which PAYE income tax on financial sector bonuses is typically paid and also because the deadline for self-assessment income tax payments for 2008–09 was Sunday 31 January. The former is likely to boost receipts relative to January 2009 (notwithstanding the impact of the bank payroll tax mentioned above), as many financial sector firms have been more profitable in 2009 than they were in 2008 when the financial crisis struck. However, self-assessment income tax payments are likely to depress receipts due to the impact of the recession in 2008–09 compared with 2007–08. (Details of receipts in January are scheduled to be published by the ONS on 18 February 2010.)

Our forecast for **National Insurance contributions**, of £95.9 billion, is £1.1 billion higher than the Treasury's estimate. Our forecast is based on the current receipts method (which suggests that NI receipts for the year as a whole will be £94.9 billion), adjusted upwards to account for the net positive impact (amounting to about £1.0 billion) of the bank payroll tax on NI receipts this year.

We forecast **VAT** receipts of £70.0 billion, which is £2.8 billion higher than the Treasury's forecast. This is based on the current receipts forecast, which suggests VAT revenues of £65.8 billion for the whole year. We have then adjusted this forecast upwards to account for the fact that the main rate of VAT will be higher over the remaining months of 2009–10 than it was earlier this financial year and at the end of 2008–09. The Treasury estimated in Budget 2009 that the temporary reduction in the main rate of VAT had a direct exchequer cost of £7.8 billion in 2009–10, which is a little under £0.9 billion for each of the nine months that it applied.

Our forecast for **corporation tax** (net of tax credits) is £33.1 billion. This is slightly (£0.3 billion) below the Treasury's forecast of £33.4 billion. This is based on the current receipts method. Until we have data on receipts in January 2010 (again due to be published on 18 February), when typically a large slice of corporation tax receipts is received each year, the outlook for these receipts is particularly uncertain.

Our forecast for receipts from **stamp duties** of £7.4 billion is the same as the Treasury's forecast. Though this is higher than the current receipts method suggests, stamp duty revenues are strongly affected not only by changes in asset prices but also by changes in

the volume of transactions. As the volume of housing transactions has been rising since the beginning of 2009–10, it seems not unreasonable to expect that stamp duty revenues will come in higher than suggested by the current receipts method. We therefore assume that the Treasury's PBR 2009 forecast is correct.

For **capital gains tax**, we simply take the Treasury's forecast. The IFS model is likely to be particularly inaccurate in this instance, as it does not properly account for the fact that reductions in the capital gains made may be substantially larger than average changes in asset prices. Monthly out-turns for receipts of capital gains tax are not available separately from income tax receipts. We do not, therefore, have a forecast for CGT revenues using the current receipts method.

We forecast that **fuel duties** will yield £26.4 billion, which is the same as the Treasury's projection and very similar to both the current receipts (£26.2 billion) and the IFS forecasting model (£26.3 billion).

#### Other government receipts

For all other receipts, we take the Treasury's forecasts for 2009–10.

#### Government expenditure

We forecast that **current spending** in 2009–10 will be £623.0 billion, which is £3.2 billion lower than the Treasury's forecast. So far this year, central government current spending has been growing less quickly than the PBR 2009 forecasts suggest for the year as a whole. If this trend continues, central government current spending would come in £8.7 billion below the PBR 2009 forecast.

We assume that the Treasury's forecast for £49.5 billion of **public sector net investment** in 2009–10 is accurate.<sup>4</sup>

#### Government borrowing

As a result of forecasting higher current receipts and lower current spending, we forecast a **deficit on the current budget** of £117.7 billion for 2009–10. This is £10.4 billion more optimistic than the £128.1 billion deficit forecast by the Treasury.

Since we forecast the same level of net investment in 2009–10 as the Treasury does, our forecast for **public sector net borrowing** (£167.2 billion) is also £10.4 billion lower than the Treasury forecast of £177.6 billion.

#### A.4 Medium-term forecasts

Any assessment of the fiscal stance should take into account the performance of the economy. Table A.4 presents the macroeconomic forecasts underlying the Green Budget forecasts for the public finances in each of the four economic scenarios used.

For the Green Budget baseline forecast, the Treasury's macroeconomic forecasts are used. These assume that national income will shrink by  $3\frac{1}{2}\%$  in 2009–10. After that, they project growth of 2% in 2010–11 and  $3\frac{1}{4}\%$  a year thereafter. This path leads to the estimated output gap not being closed until well after the end of the forecast horizon in 2014–15.

<sup>&</sup>lt;sup>4</sup> This figure includes as public sector net investment approximately £1.8 billion of net capital transfers to the nationalised banks from other parts of the public sector.

Table A.4. Alternative macroeconomic assumptions underlying mediumterm public finances forecasts

Annual % change unless otherwise stated	2009 -10	2010 –11	2011 –12	2012 –13	2013 -14	2014 –15
Green Budget baseline (PBR assumptions)						
Gross domestic product (GDP)	-3½	2	31/4	31/4	3¼	31/4
Real consumers' expenditure	-2.3	0.7	2.8	2.8	3.3	3.3
Employment	-1.4	0.0	0.0	0.0	0.1	0.3
Real wages	3.5	-0.9	0.9	2.1	2.5	2.4
GDP deflator	2	21/4	1½	21/2	2¾	2¾
Output gap (% of potential GDP)	-6.4	-5.3	-4.3	-3.4	-2.5	-1.6
Alternative Green Budget scenario I (Barclays 'central' case)						
Gross domestic product (GDP)	-31/4	21/4	21/4	11/4	1½	1¾
Real consumers' expenditure	-2.5	1.6	2.0	1.2	2.0	1.6
Employment	-1.4	-0.1	-0.2	-0.2	-0.1	0.2
Real wages	1.8	-0.1	1.2	2.3	2.3	1.7
GDP deflator	2	21/2	21/2	21/4	21/4	21/2
Output gap (% of potential GDP)	-3.1	-1.0	0.2	0.0	0.0	0.0
Alternative Green Budget scenario II (Barclays 'optimistic' case)						
Gross domestic product (GDP)	-31/4	2¾	2¾	21/4	21/4	21/4
Real consumers' expenditure	-2.4	2.9	3.4	3.2	3.2	2.8
Employment	-1.4	0.0	0.0	0.0	0.1	0.3
Real wages	1.9	0.2	1.7	2.9	3.0	2.4
GDP deflator	2	21/4	2	1¾	21/4	21/2
Output gap (% of potential GDP)	-3.4	-1.5	-0.2	0.0	0.1	0.1
Alternative Green Budget scenario III (Barclays 'pessimistic' case)						
Gross domestic product (GDP)	-31/4	1½	1½	1	1½	1¾
Real consumers' expenditure	-2.6	0.2	0.5	0.7	1.5	1.9
Employment	-1.4	-0.2	-0.4	-0.4	-0.2	0.2
Real wages	1.8	-0.4	0.7	1.7	1.7	1.3
GDP deflator	21/4	2¾	2¾	21⁄4	21/4	2
Output gap (% of potential GDP)	-2.8	-0.7	0.1	0.0	-0.1	0.0

Sources: Authors' calculations; Barclays; PBR assumptions from HM Treasury, *Pre-Budget Report 2009*, December 2009, <a href="https://www.hm-treasury.gov.uk/prebud">https://www.hm-treasury.gov.uk/prebud</a> <a href="pbr/>pbr09">pbr09</a> <a href="mailto:index.htm">index.htm</a>.

Under the first alternative Green Budget scenario (the Barclays 'central' case), growth in national income is very slightly stronger in 2009–10 and slightly stronger again in 2010–11 ( $2\frac{1}{4}$ %). From 2011–12 onwards, the economy is forecast then to grow less strongly, as it is estimated that it will have already returned to trend activity (and in fact would move slightly above trend in 2011–12).

The second alternative Green Budget scenario (the Barclays 'optimistic' case) assumes that the economy shrinks by  $3\frac{1}{4}\%$  in 2009–10 and then is able to grow by  $2\frac{3}{4}\%$  in 2010–

11 and 2011–12, falling to  $2\frac{1}{4}$ % from 2012–13 onwards, once the economy is judged to have returned to trend activity.

The final alternative Green Budget scenario (the Barclays 'pessimistic' case) also assumes that the economy shrinks by  $3\frac{1}{4}\%$  in 2009–10 but then by between 1% and  $1\frac{3}{4}\%$  thereafter as the economy is judged to be operating at its trend level.

The outlook for the composition, level and growth of trend economic activity underlying the three Barclays scenarios is discussed in more detail in Chapter 4.

The Green Budget baseline scenario predominantly uses published Treasury forecasts for all macroeconomic assumptions, where these are available. The exceptions to this are that, as discussed in more detail in Chapter 6, we assume that corporation tax receipts over the near term are weaker than the Treasury has forecast.

# Appendix B: Headline tax and benefit rates and thresholds

	2000 401	2010 14 L la
	2009–10 level	2010–11 level <sup>a</sup>
Income tax	66.475	66.475
Personal allowance: under age 65 aged 65–74	£6,475 p.a. £9,490 p.a.	£6,475 p.a. £9,490 p.a.
aged 05–74 aged 75 and over	£9,640 p.a.	£9,640 p.a.
Married couple's allowance, restricted to 10%:	15,040 p.a.	13,040 p.a.
aged 75 or over	£6,965 p.a.	£6,965 p.a.
Basic rate	20%	20%
Higher rate	40%	40%
Additional rate	Not applicable	50%
Tax rates on interest income	10%, 20%, 40%	10%, 20%, 40%, 50%
Tax rates on dividend income	10%, <sup>b</sup> 32.5% <sup>b</sup>	10%, <sup>b</sup> 32.5%, <sup>b</sup> 42.5% <sup>b</sup>
Starting-rate limit	£2,440 p.a.	£2,440 p.a.
Basic-rate limit	£37,400 p.a.	£37,400 p.a.
Higher-rate limit	Not applicable	£150,000 p.a
Income limit for personal allowance	Not applicable	£100,000 p.a.
National Insurance		
Lower earnings limit (LEL)	£95 p.w.	£97 p.w.
Upper earnings limit (UEL)	£844 p.w.	£844 p.w.
Earnings threshold (employee and employer)	£110 p.w.	£110 p.w.
Class 1 contracted-in rate: employee – below UEL	11%	11%
– above UEL employer – below UEL	1% 12.8%	1% 12.8%
– above UEL	12.8%	12.8%
Class 1 contracted-out rate: employee – below UEL	9.4%	9.4%
(salary-related schemes) – above UEL	1%	1%
employer – below UEL	9.1%	9.1%
– above UEL	12.8%	12.8%
Corporation tax		
Rates: small companies' rate	21%	21%
standard rate	28%	28%
Capital gains tax		
Annual exemption limit: individuals	£10,100 p.a.	£10,100 p.a.
trusts	£5,050 p.a.	£5,050 p.a.
Rate	18%	18%
Inhaultan as tass		
Inheritance tax Threshold	£325,000	£325,000
Rate for transfer at or near death	40%	40%
nate for transfer at or freat acast.	1070	1070
Value added tax		
Registration threshold	£68,000 p.a.	£70,000 p.a.
Standard rate	17.5% <sup>c</sup>	17.5%
Reduced rate	5%	5%
Excise duties		
Beer (pint at 3.9% abv)	36p <sup>d</sup>	38p <sup>d</sup>
Wine (75cl bottle at 12% abv)	161p <sup>d</sup>	169p⁴
Spirits (70cl bottle at 40% abv)	633p <sup>d</sup>	666p <sup>d</sup>
20 cigarettes: specific duty	229p <sup>d</sup>	235p <sup>d</sup> 135p <sup>d</sup>
ad valorem (24% of retail price) Ultra-low-sulphur petrol (litre)	131p <sup>d</sup> 56p <sup>e</sup>	135p 59p
Ultra-low-sulphur diesel (litre)	56p <sup>e</sup>	59p
	Continues	Continues

Air passenger duty   Band A (up to 2,000 miles):   economy				2009–10 level	2010–11 level <sup>a</sup>
Band A (up to 2,000 miles):   economy club/first class   f22'   f22'   f22'   f29'   f90'	Air nassenger duty			2005 1010101	2010 111000
Club/first class   f22f   f22g		economy	,	f11 <sup>f</sup>	£11 <sup>g</sup>
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Band C (4,001-6,000 miles): economy club/first class Band D (6,001 or more miles): economy club/first class Band D (6,001 or more miles): economy club/first class Betting and gaming duty Gross profits tax Spread betting rate: financial bets other bets  Insurance premium tax Standard rate  Insurance premium tax Standard rate  Stamp duty Stamp duty Stamp duty Stamp duty Stamp duty Stamp duty Land and buildings: residential threshold rate: up to threshold—£250,000 f250,000—£500,000 above £500,000 betting a trait from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension	74114 B (2,001 1,000 11111C5).				
Club/first class economy club/first class filloof fill	Band C (4.001–6.000 miles):				
Betting and gaming duty Gross profits tax Spread betting rate: financial bets other bets  Insurance premium tax Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold threshold-£250,000 £250,000-£500,000 £250,000-£150,00	74.14 C (1,001 s)000 11111 (25)1				
Club/first class   E110f   E110g	Band D (6.001 or more miles):				
Setting and gaming duty   Gross profits tax   Spread betting rate:   financial bets   other bets   10%   1	Jana D (0,00 ) of more innes).	,			
Gross profits tax Spread betting rate: financial bets other bets  Insurance premium tax Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold rate: up to threshold rate: up to threshold threshold—£250,000 £250,000—£500,000 £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for new cars from April 2010) Standard rate (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Graduated system (for new cars from 1 March 2001) Standard rate (for cars registered before March 2001) Standard rate (for cars r		Club/ III Sc	Cluss	1110	1110
Gross profits tax Spread betting rate: financial bets other bets  Insurance premium tax Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold rate: up to threshold threshold—E250,000 £250,000—£500,000 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3%	Betting and gaming duty				
Spread betting rate: financial bets other be				15–50%	15-50%
Insurance premium tax Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold 2550,000-£500,000 40 1% 1% 1% £250,000-£500,000 40 4% 4% 4% 50 0.5%  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Climate change levy Electricity Liquefied petroleum gas  Coal Liquefied petroleum gas  Coal Liquefied petroleum gas  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension		ets		3%	3%
Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold threshold-£250,000 f150,000 f250,000-£500,000 above £500,000 down above £500,000 down above £500,000 forduated system (for new cars from 1 March 2001) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension				10%	10%
Standard rate Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold threshold-£250,000 f250,000-£500,000 above £500,000 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3% 3%					
Higher rate (for insurance sold accompanying certain goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold threshold—£250,000 f£250,000—£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for new cars from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension					
goods and services)  Stamp duty Land and buildings: residential threshold non-residential threshold rate: up to threshold threshold-£250,000 £250,000-£500,000 above £500,000 3% 3% 3% 3% 3% 4% 4% 5cotks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Lower rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Electricity F125,000 F125,000 F125,000 F150,000 F100,000 F150,000 F100,000 F100,000 F100,000 F100,000 F150,000 F100,000 F					
Stamp duty Land and buildings: residential threshold non-residential threshold threshold_£250,000 f250,000-£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for new cars from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension		ompanying	certain	17.5%	17.5%
Land and buildings: residential threshold non-residential threshold threshold=£250,000 f150,000 f250,000-£500,000 above £500,000 3w	goods and services)				
Land and buildings: residential threshold non-residential threshold threshold=£250,000 f150,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Coal Liquefied petroleum gas  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  F125,000 f150,000 f150,000 f150,000 f150,000 f150,000 f190,000 f1% 1% 6125,000 f1% 610-£405 p.a. f0-£405 p.a. f0-£405 p.a. f0-£405 p.a. f0-£405 p.a. f0-£405 p.a. f0-£405 p.a. f10-£435 p.a. f10-£405 p.a. f	•				
residential threshold non-residential threshold rate: up to threshold threshold—£250,000 threshold—£250,000 £250,000—£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Climate change levy Electricity Sating as South of the state of the state of the state of the state applicable for low-value properties in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  England fed. 30 p.w. feb. 45, p.w. feb.					
non-residential threshold rate: up to threshold threshold_£250,000 £250,000_£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  E150,000 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 60-£435 10-£43				h	
rate: up to threshold threshold_£250,000 threshold_£250,000 £250,000-£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Business tate Basic state pension					£125,000
threshold—£250,000 £250,000—£500,000 above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension					£150,000
### F250,000–£500,000 ### above £500,000 ### Stocks and shares: rate    Stocks and shares: rate	•				
above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  A **M**  **O.5%**  4%*  6.0.5%*  6.0-£405 p.a.  £0-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£435 p.a. £10-£435 p.a. £105 p.a. £10-£435 p.a. £10-£435 p.a. £105 p.a. £105 p.a. £100 p.a. £205 p.a. £105 p.a. £100 p.a. £205 p.a. £105 p.a. £100 p.a. £10				1%	1%
above £500,000 Stocks and shares: rate  Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (for cars registered before March 2001) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  A **M**  **O.5%**  4%*  6.0.5%*  6.0-£405 p.a.  £0-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£405 p.a. £10-£405 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£435 p.a. £10-£405 p.a. £10-£435 p.a. £10-£435 p.a. £10-£435 p.a. £105 p.a. £10-£435 p.a. £10-£435 p.a. £105 p.a. £105 p.a. £100 p.a. £205 p.a. £105 p.a. £100 p.a. £205 p.a. £105 p.a. £100 p.a. £10	£250,000-£500,000			3%	3%
Vehicle excise duty Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Louncil tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension				4%	4%
Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Not applicable £1205 p.a. £1205 p.a. £1125 p.a. £1125 p.a. £1125 p.a. £1170-£1,91  £105-£1,850 p.a. £1170-£1,91  £105-£1,850 p.a. £1170-£1,91  £105-£1,850 p.a. £105-£1,850 p.a. £1170-£1,91  £105-£1,850 p.a. £1170-£1,91  £105-£1,850 p.a. £1170-£1,91  £105-£1,850 p.a. £105-£1,910 p	Stocks and shares: rate			0.5%	0.5%
Graduated system (for new cars from 1 March 2001) Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Not applicable for p.a. f205 p.a. f125 p.a. f125 p.a. f125 p.a. f170–£1,91  Climate change levy Electricity O.470p/kWh O.164p/kWh					
Graduated system (first-year rate from April 2010) Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Business rate rate from April 2010)  K199 p.a. £205 p.a. £125 p.a. £125 p.a. £170-£1,91  £100 p.a. £205 p.a. £125 p.a. £125 p.a. £170-£1,91  £100 p.a. £205 p.a. £125 p.a. £125 p.a. £170-£1,91  £100 p.a. £205 p.a. £125 p.a. £125 p.a. £100-£1,91  £100 p.a. £205 p.a. £125 p.a. £100-£1,91  £100 p.a. £205 p.a. £105-£1,850 p.a. £107-£1,91  £100 p.a. £205 p.a. £105-£1,850 p.a. £105-£1,91  £100 p.a. £205 p.a. £105-£1,850 p.a. £105-£1,91  £100 p.a. £205 p.a. £105-£1,91  £100 p.a. £205 p.a. £105-£1,91  £100 p.a. £205 p.a. £107-£1,91  £100 p.a. £205 p.a. £105-£1,850 p.a. £107-£1,91  £100 p.a. £205 p.a. £107-£1,91  £100 p.a.					
Standard rate (for cars registered before March 2001) Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  F190 p.a. £1205 p.a. £125 p.a. £102-£1,91 £102-£				£0–£405 p.a.'	£0–£435 p.a.¦
Small-car rate (engines up to 1,549cc) Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Rate applicable for low-value properties <sup>k</sup> in: Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  F125 p.a. £1125 p.a. £105-£1,850 p.a. £102,50 per tonne £48 per tonne £2.50 per tonne				Not applicable	£0–£950 p.a. <sup>J</sup>
Heavy goods vehicles (varies according to vehicle type and weight)  Landfill tax  Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  E40 per tonne f48 per ton f2.50 per tonne f2			h 2001)	£190 p.a.	£205 p.a.
and weight)  Landfill tax  Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  E40 per tonne £48 per to £2.50 per tonne £48 per tonne £4.50 per tonne	Small-car rate (engines up to 1,549	cc)		£125 p.a.	£125 p.a.
Landfill tax Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  E48 per tonne £48 per tonne £2.50 per tonne £48 per to £2.50 per tonne £2.50 per tonne £4.80 p.Wh 0.470p/kVh 0.470p/kVh 0.164p/kVh 0.164p/kVh 1.281p/kg 1	Heavy goods vehicles (varies accord	ding to vehi	cle type	£165–£1,850 p.a.	£170-£1,910 p.a.
Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  E48 per tonne £2.50 per tonne	and weight)				
Standard rate Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  E48 per tonne £2.50 per tonne	16:11 4				
Lower rate (inactive waste only)  Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  E2.50 per tonne £2.50 per tonne £4.40 p.kV					
Climate change levy Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Vales  48.1% 40.7% 40.7% 40.9%  48.1% 40.9%  48.9% 40.9%  Council tax Average rate band D council tax in England and Wales  f1,394 Councils to f64.30 p.w. f65.45 p. f100.95 p.w. f100.95 p.w. f100.95 p.w.					£48 per tonne
Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Vales  48.1% 40.7% 40.7% 48.9% 40.9%  Council tax 48.9% 40.9%  Ef4.30 p.w. f65.45 p. f100.95 p.w. f100.95 p.w. f102.75 p.  Basic state pension	ower rate (inactive waste only)			£2.50 per tonne	£2.50 per tonne
Electricity Natural gas Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Vales  48.1% 40.7% 40.7% 48.9% 40.9%  Council tax 48.9% 40.9%  Ef4.30 p.w. f65.45 p. f100.95 p.w. f100.95 p.w. f102.75 p. f100.95 p.w.	Climata shanga layar				
Natural gas  Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  O.164p/kWh 1.281p/kg 1.050p/kg 1.050p/kg 1.050p/kg 48.1% 40.7% 48.1% 40.7% 48.9% 40.9%  Council tax 48.1% 40.7% 48.9% 40.9%  Ef4.30 p.w. f65.45 p. f100.95 p.w. f102.75 p.				0.4705/144/6	0.4705/34/6
Coal Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  1.281p/kg 1.050p/kg 1.05					
Liquefied petroleum gas  Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  1.050p/kg	_				
Business rates Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  England 48.1% 40.7% 40.7% 40.7% 48.9% Councils to 48.1% 48.1% 40.7% 40.9					
Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  48.1% 40.7% 40.7% Wales  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  48.1% 40.7% 40.7% 40.7% 41.394 Councils to fe4.30 p.w. fe5.45 p. fe100.95 p.w. fe102.75 p.	.iquetied petroleum gas			1.050p/kg	1.050p/kg
Rate applicable for low-value properties <sup>k</sup> in: England Scotland Wales  48.1% 40.7% 40.9%  Council tax  Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  48.1% 40.7% 40.7% 40.7% 40.9% 48.1% 40.7% 40.7% 40.9% 4	Rusiness rates				
Scotland Wales 48.1% 40.7% 40.9%  Council tax  Average rate band D council tax in England and Wales £1,394 Councils to Income support / income-based jobseeker's allowance Single (aged 25 or over) £64.30 p.w. £65.45 p. £100.95 p.w. £102.75 p. Basic state pension		ortiec <sup>k</sup> in	England	48 1%	40 7% <sup>ا</sup>
Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  48.9%  £1,394  Councils to  £64.30 p.w. £65.45 p. £100.95 p.w.	tace applicable for low-value prope				
Council tax Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  £64.30 p.w. £100.95 p.w. £100.95 p.w.					
Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  £64.30 p.w. £100.95 p.w. £100.95 p.w.			v v u i C 3	70.570	TU.J /0
Average rate band D council tax in England and Wales  Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  £64.30 p.w. £100.95 p.w. £100.95 p.w.	Council tax				
Income support / income-based jobseeker's allowance Single (aged 25 or over) Couple (both aged 18 or over)  Basic state pension  £64.30 p.w. £100.95 p.w. £100.95 p.w.		England an	d Wales	£1,394	Councils to set
Single (aged 25 or over)  Couple (both aged 18 or over)  Basic state pension  £64.30 p.w. £65.45 p. £100.95 p.w. £102.75 p	J	J		<u> </u>	
Couple (both aged 18 or over) £100.95 p.w. £102.75 p  Basic state pension		obseeker's	allowance		
Basic state pension					£65.45 p.w.
Basic state pension					£102.75 p.w.
					•
Single   £95.25 p.w. £97.65 p.	•				
				£95.25 p.w.	£97.65 p.w.
					£156.15 p.w.
Winter fuel payment: for those aged 60–79 £250 £200					£200
for those aged 80 or over £400 £300	for those age	ed 80 or ove	er	£400	£300
Continues Con				Continues	Continues

#### Continued

	2009–10 level	2010–11 level <sup>a</sup>
Pension credit		
Guarantee credit for those aged 60 or over: single	£130.00 p.w.	£132.60 p.w.
couple	£198.45 p.w.	£202.40 p.w.
Savings credit for those aged 65 or over:		
threshold – single	£96.00 p.w.	£98.40 p.w.
threshold – couple	£153.40 p.w.	£157.25 p.w.
maximum – single maximum – couple	£20.40 p.w.	£20.52 p.w. £27.09 p.w.
withdrawal rate	£27.03 p.w. 40%	127.09 p.w. 40%
withdrawarrate	40%	4070
Child benefit		
First child	£20.00 p.w.	£20.30 p.w.
Other children	£13.20 p.w.	£13.40 p.w.
Child tax credit Family element (doubled for first year of a child's life)	£545 p.a.	£545 p.a.
Child element	£2,235 p.a.	£2,300 p.a.
Disabled child element	£2,670 p.a.	£2,715 p.a.
Disabled child element	12,070 p.u.	12,7 13 p.u.
Working tax credit		
Basic element	£1,890 p.a.	£1,920 p.a.
Couples and lone-parent element	£1,860 p.a.	£1,890 p.a.
30-hour element	£775 p.a.	£790 p.a.
Disabled worker element	£2,530 p.a.	£2,570 p.a.
Childcare element: maximum eliqible cost for one child	£175.00 p.w.	£175.00 p.w.
maximum eligible cost for two or more children	£300.00 p.w.	£300.00 p.w.
proportion of eligible costs covered	80%	80%
proportion of engible costs covered	0070	0070
Features common to child and working tax credits		
First threshold	£6,420 p.a.	£6,420 p.a.
First threshold if entitled to child tax credit only	£16,040 p.a.	£16,190 p.a.
First withdrawal rate	39%	39%
Second threshold	£50,000 p.a.	£50,000 p.a.
Second withdrawal rate	1 in 15	1 in 15
Maternity benefits		
Sure Start maternity grant	£500	£500
Statutory maternity pay: weeks 1–6	90% earnings	90% earnings
weeks 7–33	£123.06 p.w., or	£124.88 p.w., or
	90% earnings if	90% earnings if
AA	lower	lower
Maternity allowance	£123.06 p.w.	£124.88 p.w.

a. 2010–11 figures take pre-announced values where available and estimated results of standard indexation otherwise.

- $b.\ Offsetting\ tax\ credit\ available,\ which\ reduces\ marginal\ effective\ tax\ rates\ to\ 0\%,\ 25\%\ and\ 36.11\%.$
- c. Until 31 December 2009, the rate was 15%.
- d. Assumes RPI inflation of 3% in September 2010 as per the 2009 Pre-Budget Report. Assumes pre-tax price of cigarettes rises by RPI.
- e. Prior to September 2009, the rate was 54p per litre.
- f. Prior to November 2009, there were two distance bands: EU and non-EU. For EU destinations, the duties were £10 and £20 (for economy and club/first, respectively); for non-EU destinations, they were £40 and £80.
- g. From November 2010, the economy (reduced) rates will be increased to £12, £60, £75 and £85. The club/first class rates will be £24, £120, £150 and £170.
- h. £150,000 in designated disadvantaged areas. A £175,000 threshold applied from 3 September 2008 to 31 December 2009.
- i. Highest rate applies only to cars registered on or after 23 March 2006. For cars registered before this date, the highest rates are £215 and £245 for 2009–10 and 2010–11 respectively.
- j. Higher first-year rates apply only for cars with emissions of 166g/km or greater (band H and above).
- k. Applies where rateable values are less that £21,500 in Greater London, £15,000 in the rest of England, £29,000 in Scotland and £5,000 in Wales. In 2009–10, a supplement of 0.4% is payable on higher-value properties, increasing to 0.7% in 2010–11.
- I. Non-domestic property has been revalued; in order to ensure business rates revenues increase in line with inflation, the poundage rates have been reduced.

Sources: Various HM Treasury and HM Revenue and Customs press releases, March 2008, November 2008, April 2009 and December 2009; HM Treasury, *Pre-Budget Report 2009*, December 2009, <a href="http://www.hm-treasury.gov.uk/prebud\_pbr09\_repindex.htm">http://www.hm-treasury.gov.uk/prebud\_pbr09\_repindex.htm</a>; HM Treasury, *Budget 2009*, April 2009, <a href="http://www.hm-treasury.gov.uk/bud\_bud09\_index.htm">http://www.hm-treasury.gov.uk/bud\_bud09\_index.htm</a>); <a href="http://www.hmrc.gov.uk">http://www.hm-treasury.gov.uk</a>; <a href="http://www.hm-treasury.gov.uk">http://www.hm-treasury.gov.uk</a>; <a href="htt

treasury.gov.uk/prebud\_pbr09\_index.htm; http://www.dft.gov.uk/dvla/~/media/pdf/leaflets/v149.ashx; http://www.hm-treasury.gov.uk/d/pbr08\_chapter7\_159.pdf;

http://www.2010.voa.gov.uk/rli/static/HelpPages/English/help/help022-

<u>about\_the\_business\_rate\_multiplier.html;</u> http://www.scotland.gov.uk/Topics/Government/local-government/17999/11199;

For descriptions of the tax and benefit systems, see S. Adam and J. Browne, *A Survey of the UK Tax System*, IFS Briefing Note 9, 2009, <a href="http://www.ifs.org.uk/bns/bn09.pdf">http://www.ifs.org.uk/bns/bn09.pdf</a> and P. Levell, R. May, C. O'Dea and D. Phillips, *A Survey of the UK Benefit System*, IFS Briefing Note 13, 2009, <a href="http://www.ifs.org.uk/bns/bn13.pdf">http://www.ifs.org.uk/bns/bn13.pdf</a> respectively.

For a summary of the main tax measures introduced in each Budget and Pre-Budget Report since 1979, see <a href="http://www.ifs.org.uk/ff/budget\_measures.xls">http://www.ifs.org.uk/ff/budget\_measures.xls</a>.

For estimates of the effects of various illustrative tax changes on government revenues, see HM Treasury and HM Revenue & Customs, *Tax Ready Reckoner and Tax Reliefs*, December 2009, <a href="http://www.hm-treasury.gov.uk/d/pbr09">http://www.hm-treasury.gov.uk/d/pbr09</a> taxreadyreckoner.pdf.

## **Appendix C: Abbreviations**

AA attendance allowance AEI average earnings index

AME annually managed expenditure

APD air passenger duty

AWE average weekly earnings

BBC British Broadcasting Corporation

BSP basic state pension
BT British Telecom
CA Carer's allowance
CB child benefit

CBI Confederation of British Industry

CCL climate change levy

CES constant elasticity of substitution

CGT capital gains tax CO₂ carbon dioxide

CPI consumer price inflation

CSR Comprehensive Spending Review

CTB council tax benefit
CTC child tax credit
CTF Child Trust Fund
DB defined benefit

DC defined contribution / District of Columbia

DCSF Department for Children, Schools and Families

DECC Department of Energy and Climate Change

DEFRA Department for Environment, Food and Rural Affairs

DEL departmental expenditure limit
DfT Department for Transport
DLA disability living allowance
DMO Debt Management Office

DWP Department for Work and Pensions

ECB European Central Bank

EIS elasticity of intertemporal substitution
EMA education maintenance allowance

EPO European Patent Office
ERM exchange rate mechanism

ESA employment and support allowance
ESRI Economic and Social Research Institute

ETS Emissions Trading Scheme

EU European Union

FCP Fiscal Consolidation Plan
FRS Family Resources Survey
FSA Financial Services Authority

GB Green Budget

GDP gross domestic product

GHG greenhouse gas
GNI gross national income
HB housing benefit

HMRC Her Majesty's Revenue and Customs

HMT Her Majesty's Treasury
HP filter Hodrick-Prescott filter
HRT higher-rate threshold
IB incapacity benefit

IFS Institute for Fiscal Studies

IHT inheritance tax

IMF International Monetary Fund

IP intellectual property

IPPR Institute for Public Policy Research

IS income support

ISA Individual Savings Account

JPO Japan Patent Office
JSA Jobseeker's allowance
LEL lower earnings limit
LFS Labour Force Survey
LGV light goods vehicle

LIBOR London Interbank Offered Rate

MA Massachusetts

METR marginal effective tax rate

MIRAS mortgage interest relief at source

MORI Market and Opinion Research International

MOT Ministry of Transport
MP Member of Parliament
MPC Monetary Policy Committee
MTIC missing trader intra-community

NAO National Audit Office

NAWRU non-accelerating wage rate of unemployment

NBER National Bureau of Economic Research

NHS National Health Service
NI National Insurance

NICs National Insurance contributions

NIESR National Institute of Economic and Social Research

NJ New Jersey

NTS National Travel Survey

OBR Office for Budget Responsibility
ODA Official Development Assistance

OECD Organisation for Economic Cooperation and Development

OG output gap

OLS ordinary least squares
ONS Office for National Statistics

PA personal allowance
PAYE Pay-As-You-Earn
PBR Pre-Budget Report

PC pension credit / public corporation

PEP Personal Equity Plan

#### The IFS Green Budget: February 2010

PESA Public Expenditure Statistical Analyses

PFI Private Finance Initiative
PLC public limited company
PQ Parliamentary Question

PSBR public sector borrowing requirement

PSNB public sector net borrowing
PSNI public sector net investment

QE quantitative easing RAC Royal Automobile Club

ROSSI retail price index excluding rent, mortgage interest, council tax and

housing depreciation

RPI retail price index S2P state second pension

SERPS State Earnings-Related Pension Scheme SMEs small and medium-sized enterprises

SMMT Society of Motor Manufacturers and Traders

SOC Standard Occupational Classification

SPA state pension age

SPI Survey of Personal Incomes
STRB School Teachers' Review Body
TAXBEN IFS tax and benefits model

TC tax credit

TESSA Tax-Exempt Special Savings Account

TFP total factor productivity
TME total managed expenditure

UEL upper earnings limit
UK United Kingdom

UKIPO United Kingdom Intellectual Property Office

UN United Nations
US United States

USPTO US Patent and Trademark Office

VAT value added tax
VED vehicle excise duty
WFP winter fuel payment