

# Pre-Budget Report data sources

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December 2004



HM TREASURY





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December 2004

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# INTRODUCTION

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This document details the data sources for all charts and tables which appear in the Pre-Budget Report, *Opportunity for all: The strength to take the long-term decisions for Britain*, CM 6408, published on 2 December 2004.

Each entry in this document should be read alongside the respective chart or table in the Pre-Budget Report. In particular, users should refer carefully to any footnotes to the charts and tables.

# 1 OVERVIEW

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**Index to UK = 100**

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# 4 INCREASING EMPLOYMENT OPPORTUNITY FOR ALL

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**NDLP Jobs:** Number of jobs gained by Lone Parents through the New Deal for Lone Parents.

Source: DWP

Table 4.1 Weekly minimum income guarantees p.87

**Weekly Minimum Income Guarantee:** The table shows the minimum weekly income which the government is guaranteeing people in different circumstances

**Minimum income guarantee** = earnings net of income tax and non-contracted out National Insurance Contributions + Working Families Tax Credit/Disabled Persons' Tax Credit or Working Tax Credit/Child Tax Credit + Child Benefit. Assumes a single earner household, the prevailing National Minimum Wage and that a family is eligible for WFTC/DPTC and WTC/CTC (where family applies to lone parent families and couples with children alike).

Source: Internally calculated by HM Treasury

Table 4.2 The effects of the Government's reforms on high marginal deduction rates p.88

**Marginal deduction rates** measure the proportion of any marginal increase in gross income lost through reduced benefit entitlement and higher tax payments. Marginal deduction rates are for working households in receipt of income related benefits or WFTC where at least one person works 16 hours or more a week. Before Budget 1998 figures are based on 1997-98 estimated caseload and take-up rates.

Figures for the 2004-05 tax and benefit system are based on 2002-03

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**Table 4.3**      **Allocation of the Windfall Tax**

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Source: Department for Work and Pensions, Department for Education and Skills.

# 5 BUILDING A FAIRER SOCIETY

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**Income decile**, household equivalised net income. (Equivalisation takes account of variations in size and composition of households using the McClements' before housing costs scale.)

Chart 5.2 Overall gains for pensioner families from pensioner policies by 2005 p.102

**Gains by income decile**, Source: Department for Work and Pensions tax-benefit simulation model, based on Family Resources data 2002-03 uprated to projected 2004-05 levels of prices and earnings. This was produced by comparing the 2005-06 tax and benefit system in 2004-05 prices with the 1997-98 system indexed to 2004-05 prices.

**Pensioner family**, where some member of the family unit is of state pension age or over.

**Income decile**, household equivalised net after housing costs income based on pensioner family population only. (Equivalisation takes account of variations in size and composition of households, using the McClements' after housing costs scale). Note: Input detail for figures where necessary here.

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# A THE ECONOMY

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Note: Four letter source code indicates Office for National Statistics (ONS) data. All data are not seasonally adjusted unless otherwise stated.

## Table A1      The world economy      p.160

Note: Percentage changes on a year earlier.

**Real GDP (Major 7 countries)**, at constant prices. Source: EcoWin (code: OECD MEI/g7m\_nagvtt01\_cxalsaa).

**Real GDP (Euro area)**, at constant prices. Source: EcoWin (code: emu01020).

**Consumer price inflation (Major 7 countries)**. Source: EcoWin (code: OECD: g7m\_cpaltt01\_ixobm).

**World trade in goods and services**, at constant prices. Source: HM Treasury estimates based on OECD data.

**UK export markets**, at constant prices. Source: HM Treasury estimates based on OECD data.

Note: input how the data is expressed in the table here, Source: input source here.

## Chart A1      G7 GDP and world trade      p.161

**G7 GDP**, at constant prices, percentage changes on previous year. Source: EcoWin, code: OECD MEI/g7m\_nagvtt01\_cxalsaa until 1994. Thereafter, weighted average of individual countries national series: USA (EcoWin code: 01006), Japan (01020/4), Canada (01020), Germany (01951), France (01950), Italy (01950), euro area (01020).

**World trade in goods and services**, at constant prices, percentage changes on previous year. Source: HM Treasury estimates based on OECD data.

## Box A1      Chart: Evolving Shares of Global Output (PPP)      p.163

**Gross Domestic Product at Purchasing Power Parities**. Source: Purchasing Power Parity shares of world output (1980-2003, IMF September 2004 World Economic Outlook), projected to 2015 using long-term Consensus Forecasts (October 2004).

## Box A2      Chart: Oil prices      p.165

**Brent crude oil**, US\$ per barrel fob, end of period. Source: EcoWin (code ew:com20020).

**US consumer price inflation**, Source: EcoWin (code ew:usa11800)

Chart A2      G7 inflation and oil prices      p.166

**G7 consumer price inflation (CPI)**, all items, percentage changes on a year earlier. Source: EcoWin (code: OECD/g7m\_cpaltt01\_ixobm).  
**Brent crude oil**, US\$ per barrel fob, monthly average. Source: EcoWin (code ew:com20445).

Table A2      Contributions to trend output growth      p.169

Note: Please see footnotes to Table A2 and accompanying text. Table A2 decomposes estimated trend output growth into estimated contributions from growth in output per hour worked, average hours worked, the employment rate and the population of working age. The output series used in these calculations is on a non-oil basis, Source: ONS.

Equivalent series for actual whole economy output, and its components, can be constructed from the following sources:

**Output:** Gross value added excluding oil and gas extraction, £ million, chained volume measures, (UIZY).

**Labour productivity** (output per hour worked): Output divided by total actual weekly hours worked (YBUS), adjusted to a working-age basis by scaling in the ratio of working age employment (YBSE) to total employment (MGRZ).

**Average hours worked:** From 1992Q2, calculated as the estimate of total actual weekly hours worked by people of working age divided by working-age employment. Quarterly data prior to 1992Q2 for total actual weekly hours of work for all in employment and total working-age employment in the UK have been obtained from the LFS-consistent time series produced by the ONS (2003). These two data series were used to derive the average hours worked series prior to 1992Q2.

**Employment rate:** Total working-age population in employment (YBSE) divided by population of working age (YBTF). Pre-1992Q2 data have been taken from the LFS-consistent time series.

**Population of working age:** From 1992, UK household population aged 16-59/64, YBTF. Prior to 1992, quarterly data have been obtained from the LFS-consistent time series (2003), Source: ONS.

Chart A3      The output gap      p.172

Note: Actual output is gross value added excluding oil and gas extraction (UIZY). Corresponding trend non-North Sea output series is estimated by HM Treasury.

**Output gap:** actual output (see note) less trend output as a per cent of trend output, non-oil basis, Source: HM Treasury estimates.

Table A3	Summary of forecast	p.174
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**GDP growth**, GDP, at market prices, chained volume measures, percentage changes on previous year, Source: ABMI.

**CPI inflation**, CPI index, Jan 1996=100, not seasonally adjusted, percentage change on a year earlier (Q4 of each year), Source: CHVJ.

Chart A4	Gross Domestic Product (GDP)	p.174
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**Gross domestic product**, at market prices, chained volume measures, percentage changes on previous year, Source: ABMI.

Table A4	Contributions to GDP growth	p.176
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Note: See table A9 for full descriptions.

**Private consumption**, Source: NPSP

**Business investment**, at market prices, chained volume measures, Source: NPEL

**Government** (total general government Gross Fixed Capital Formation plus general government final consumption expenditure), market prices, chained volume measures, Source: NMRY+DLWF

**Inventories**, Source: CAFU

**Net trade**, exports of goods and services less imports of goods and services, Source: IKBK, IKBL.

**GDP**, Source: ABMI.

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**CPI** (Consumer prices index), index Jan 1996=100, not seasonally adjusted, percentage change on a year earlier, Source: CHVJ.

Table A5	Household sector expenditure income	p.179
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Note: Percentage changes on previous year unless otherwise stated.

**Household consumption**, at market prices, chained volume measures – Household's final consumption expenditure *plus* final consumption expenditure of Non Profit Institutions Serving Households, Source: NPSP.

**Real household disposable income**, chained volume measures, Source: NRJR.

**Saving ratio**: gross household saving as a per cent of total household resources, level, Source: NRJS.

Box A4 Consumption and housing indicators p.180

(a) **Saving ratio:** gross household saving as a per cent of total household resources, level, Source: NRJS. **Private consumption**, at current market prices, Household's final consumption expenditure *plus* final consumption expenditure of Non Profit Institutions Serving Households, Source: ABJQ, HAYE. As a proportion of current price **GDP**, YBHA.

(b) **Housing wealth:** Households and Non Profit Institutions tangible assets, current market prices. Source: CGRP. **Household consumption**, at market prices, chained volume measures – Household's final consumption expenditure *plus* final consumption expenditure of Non Profit Institutions Serving Households, Source: NPSP.

(c) **Total mortgage payments** as a proportion of household income. Source: Office of the Deputy Prime Minister (ODPM).

(d) **Households disposable income**, current market prices, indexed to 2000Q1 = 100. Source: IHXV. **ODPM House price index**, indexed to 2000Q1 = 100.

Chart A6 Business investment p.182

**Relative price of business investment:** Implied business investment deflator/ Implied GDP deflator.

**Implied business investment deflator:** current price business investment (NPEK) /chained volume business investment (NPEL).

**Implied GDP deflator:** YBHA/ABMI.

**Current price business investment ratio:** Current price business investment (NPEK) to current price GDP (YBHA).

**Cumulative growth path of real business investment relative to GDP:** Business investment at market prices, chained volume measures (NPEL)/GDP, at market prices, chained volume measures (ABMI).

Table A6 Gross fixed capital formation p.183

**Whole economy:** total GFCF, at market prices, chained volume measures, Source: NPQT.

**Business:** business investment, at market prices, chained volume measures, Source: NPEL.

**Private dwellings:** private sector investment in new dwellings, at market prices, chained volume measures, Source: DFEA.

**General government:** general government (including NHS Trusts) investment excluding transfer costs of non-produced assets, i.e. does not include general government net purchases of land and existing buildings. All at market prices, chained volume measures. Source: EQCO, +EQCN.

Chart A7 Balance of payments current account p.184

**Current account:** current account balance (HBOP) as a per cent of gross domestic product (YBHA), at current market prices.

**Goods and services:** goods and services balance (IKBJ) as a per cent of gross domestic product (YBHA), at current market prices.

**Transfers and income:** transfers and income balance (HBOP-IKBJ) as a per cent of gross domestic product (YBHA), at current market prices.

**Table A7**      **Trade in goods and services**      **p.184**

Note: Percentage changes on previous year unless otherwise stated. All data refer to trade in goods and services.

**Export volumes,** at market prices, chained volume measures, IKBK.

**Import volumes,** at market prices, chained volume measures, IKBL.

**Export prices,** implied deflator, IKBH/IKBK.

**Import prices,** implied deflator, IKBI/IKBL.

**Terms of trade,** export prices divided by import prices.

**Goods and services balance,** £ billion, IKBJ.

**Box A5**      **HM Treasury and independent average GDP forecasts for 2004**      **p.186**

Average independent forecasts taken from 'Forecasts for the UK Economy: A Comparison of Independent Forecasts', HM Treasury, January 2003 to November 2004.

**Table A8**      **Budget and independent forecasts**      **p.187**

Pre-Budget Report 2004 and independent forecasts for GDP growth, CPI inflation and the balance of payments current account in 2004 and 2005. Average and range for independent forecasts taken from 'Forecasts for the UK Economy: A Comparison of Independent Forecasts', HM Treasury, November 2004. For corresponding data series for these variables see documentation for Table A9.

**Table A9**      **Summary of economic prospects**      **p.188**

Note: Percentage changes on previous year and seasonally adjusted unless otherwise stated.

**Gross domestic product (GDP),** at market prices, chained volume measures, ABMI.

**Manufacturing output:** gross manufacturing value added, index 2001=100, chained volume measures, CKYY.

**Domestic demand,** at market prices, chained volume measures, YBIM.

**Household consumption,** at market prices, chained volume measures, NPSP.

**General government consumption,** at market prices, chained volume measures, NMRY.

**Fixed investment,** at market prices, chained volume measures, NPQT.

**Change in inventories,** chained volume measures (CAFU), as a percent of GDP (ABMI) in the previous year – i.e. contribution to GDP growth,

percentage points.

**Exports of goods and services**, at market prices, chained volume measures, IKBK.

**Imports of goods and services**, at market prices, chained volume measures, IKBL.

**Balance of payments current account**, £ billion, HBOP.

**Balance of payments current account**, per cent of nominal GDP, HBOP/YBHA.

**CPI**, index Jan 1996=100, not seasonally adjusted, percentage change on a year earlier (Q4 of each year), CJYR.

**RPIX**, index Jan 1987=100, not seasonally adjusted, percentage change on a year earlier (Q4 of each year), CHMK.

**Producer output prices**, all manufacturing excluding duty, index 2000=100, percentage change on a year earlier (Q4 of each year), PVNQ.

**GDP deflator**, at market prices, 2001=100, percentage change on a year earlier, YBGB.

**Money GDP**, at current market prices, £ billion and percentage change on a year earlier, YBHA.

## Table A10

## Gross domestic product and its components

p.189

Note: Table A10 gives an expenditure breakdown of chained volume GDP, in £ billion and percentage changes on previous year unless otherwise stated.

**Household consumption**, NPSP.

**General government consumption**, NMRY.

**Fixed investment**, NPQT.

**Change in inventories**, CAFU. Note: Table B9 shows change in inventories as a percent of GDP (ABMI) in the previous year.

**Domestic demand**, YBIM.

**Exports of goods and services**, IKBK.

**Total final expenditure**, ABMG.

**Imports of goods and service**, IKBL.

**Statistical discrepancy** (expenditure adjustment), GIXS.

**Gross domestic product** (GDP), ABMI.

# B THE PUBLIC FINANCES

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Note: Four letter source code indicates Office for National Statistics (ONS) data. All data are not seasonally adjusted unless otherwise stated.

## Table B1 Summary of public sector finances p.192

Note: Series expressed as a per cent of GDP, £ million, source BKTL

**Surplus on current budget**, £ million, Source: ANMU.

**Cyclically-adjusted surplus on current budget**, Source: HM Treasury.

**Public sector net debt**, £ billion, Source: RUTN.

**Core debt**, Source: HM Treasury.

**Net worth**, £ million, Source: CGTY.

**Primary balance**, £ million, Source: ANNX + ANLO – ANBQ.

**Net investment**, £ million, Source: CGTY.

**Public sector net borrowing (PSNB)**, £ million, Source: - ANNX.

**Cyclically-adjusted PSNB**, Source: HM Treasury.

**Central government net cash requirement**, £ million, Source: RURQ

**Treaty deficit**, £ million, Source: -NNBK – CFZG.

**Cyclically-adjusted Treaty deficit**, Source: HM Treasury.

**Treaty debt ratio, £ million**, Source: BKPX + NNLL.

**Output gap**, Source: HM Treasury.

## Chart B1 Public sector net debt and net worth p.194

Note: Series expressed as a per cent of GDP, £ million, Source: BKTL.

**Public sector net debt**, £ billion, Source: RUTN.

**Public sector net worth**, £ billion, Source: CGTY.

## Table B2 Fiscal balances compared with Budget 2004 p.195

Note: The Source of all figures is HM Treasury unless otherwise indicated.

**Surplus on current budget**, £ million, Source: ANMU.

**Net borrowing**, £ million, Source: -ANNX.

Note: Series expressed as a per cent of GDP, £ million, Source: BKTL

**Net debt**, £ billion, Source: RUTN

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	<b>Central case</b> , Source: HM Treasury.	
	<b>Cautious case</b> , assumes trend output 1 percentage point lower in relation to actual output than in the central case, Source: HM Treasury. HM Treasury.	
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	Note: series expressed as percentage changes on previous year.	
	<b>Output (GDP)</b> , at constant 2001 basic prices, £million, Source: ABMI.	
	<b>CPI</b> , Index 1996=100, Source: CHVJ.	
	<b>GDP Deflator</b> , index 2001=100, Source: YBGB.	
	<b>RPI (September)</b> , index January 1987=100, Source: CHAW.	
	<b>Rossi (September)</b> , Source: HM Treasury.	
	<b>Money GDP</b> (billion), £ million, Source: BKTL.	
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	Source: HM Treasury.	
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**Current expenditure**, £ million, Source: ANLT.  
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**Gross investment**, Source: HM Treasury.  
**Less asset sales**, Source: HM Treasury.  
**Less depreciation**, £ million, Source: -ANNZ.  
**Net investment**, £ million, Source: -ANNW.  
**Net Borrowing**, £ million, Source: -ANNX.  
**Public sector net debt**, £ billion, Source: RUTN.  
**Treaty deficit**, £ million, Source: -NNBK – CFZG.  
**Treaty debt**, £ million, Source: BKPX + NNLL.

Table B10      **Changes in current receipts since Budget 2004**      p.206

Source: HM Treasury.

Table B11      **Net taxes and social security contributions 2004-05**      p.207

Note: Series as a per cent of GDP, £ million, Source: BKTL.

**Net taxes and National Insurance contributions**, Source: HM Treasury.

Table B12      **Changes in current receipts by tax since Budget 2004**      p.208

Source: HM Treasury.

Table B13      **Current receipts**      p.210

**Income tax (gross of tax credits)**, £ million, Source: LIPG.  
**National insurance contributions**, £ million, Source: AIIH-ACJY.  
**Corporation tax**, £ million, Source: ACCD + MDXH.  
**Tax credits**, Source: HM Treasury.  
**Petroleum Revenue tax**, £ million, Source: ACCJ.  
**Capital gains tax**, £ million, Source: QYJX.  
**Inheritance tax**, £ million, Source: NMGI.  
**Stamp duties**, £ million, Source: ACCI.  
**Total Inland Revenue (net of tax credits)**, £ million, Source: HM Treasury.  
**Value added tax (gross of tax credits)**, £ million, Source: EYOO.  
**Fuel Duties**, £ million, Source: ACDD.  
**Tobacco duties**, £ million, Source: ACDE.  
**Spirits duties**, £ million, Source: ACDF.  
**Wine duties**, £ million, Source: ACDH.  
**Beer and cider duties**, £ million, Source: ACDG + ACDI.  
**Betting and gaming duties**, £ million, Source: ACDJ.

**Beer and cider duties**, £ million, Source: ACDG + ACDI.  
**Betting and gaming duties**, £ million, Source: ACDJ.  
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**Landfill tax**, £ million, Source: DOLC.  
**Climate change levy**, £ million, Source: LSNS.  
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**Customs duties and levies**, £ million, Source: ADET.  
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**Tax credits adjustment**, £ million, Source: HM treasury.  
**Interest and dividends**, £ million, Source: ANBQ.  
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**Current receipts**, £ million, Source: ANBT.  
**North Sea revenues**, £ million, Source: HM Treasury.

Table B14

Current receipts as a proportion of GDP

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Note: Series expressed as a per cent of GDP, £ million, Source: BKTL.

**Income tax (gross of tax credits)**, £ million, Source: LIPG.  
**National insurance contributions**, £ million, Source: AIIH-ACJY.  
**Non-North Sea corporation tax**, Source: Inland Revenue.  
**Tax Credits**, Source: HM Treasury.  
**North Sea revenues**, Source: HM Treasury.  
**Value added tax**, £ million, Source: EYOO.  
**Excise duties**, £ million, Source: ACDD + ACDE + ACDF +ACDG +ACDH +ACDI.  
**Other taxes and royalties**, £ million, Source: ACCI + ACDJ + ACDM +ACDO + ACDP - ADDC + CDDZ - CDXW + CEIP + CIQY + CLCJ +FJWG +GTAZ +LITN +LNFO - LSNU - MDUR +NMBX +NMGI + NMIS +NMYH +NSFA +NSNP +QYJX.  
**Accruals adjustments on taxes**, £ million, Source: CYNX+RUTC+ DKHE + CEIP-LNFO+CQOQ.

	<p><b>Less own resources contribution to European Communities (EC) budget</b>, £ million, Source: -FSVL -HCML –ADET-GTBA-GTBB.  <b>Tax credits</b>, £ million, Source: HM Treasury.  <b>Other receipts</b>, Source: HM Treasury.  <b>Current receipts</b>, £ million, Source: ANBT.</p>	
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**Public sector gross investment**, £ million, Source: -ANNZ - ANNW.  
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**Public sector net investment**, £ million, Source: - ANNW.  
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**Central government**, Source: HM Treasury.  
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**Total sales of fixed assets**, £ million, Source: HM Treasury.  
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**Total loans and sales of assets**, Source: HM Treasury.

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Source: ONS.

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**Public sector net cash requirement**, £ million, Source: RURQ.  
**Net taxes and National Insurance contributions**, Source: HM Treasury.  
**Public sector current receipts**, £ million, Source: ANBT.  
**Public sector net debt**, £ billion, Source: RUTN.  
**Public sector net worth**, £ million, Source: CGTY.

Note: Series expressed both in billion (2003-04 prices) and as a percent of GDP, £ million, Source: BKTL.

**Public sector current expenditure**, £ million, Source: ANLT.

Public sector net investment, £million, Source: -ANNW.

Public sector gross investment, £ million, Source: ANNZ-ANNW.

Total Managed Expenditure, £ million, Source: EBFT.

GDP Deflator, Source: YBGB adjusted to 2003-04 = 100.

# C FLEXIBILITY IN THE UK ECONOMY

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Note: Four letter source code indicates Office for National Statistics (ONS) data. All data are not seasonally adjusted unless otherwise stated.

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Note: \* indicates 2002 data

**Unemployed for 12 months and over as a per cent of total unemployment** Source: OECD Economic Outlook 2004.

Chart C2      Pace of take-up of new technology      p.234

**Number of years from inception for a technology to be adopted by 50 million users**, Source: The Economist; 1999

Chart C3      Economic activity and highest qualification      p.239

Below level 2: 5 GCSEs at A\*-G or NVQ Level 1  
Level 2: 5 GCSEs at A\*-C or NVQ Level 2  
Level 3: A Level or NVQ Level 3  
Level 4+: degree, postgraduate or NVQ Level 4 or 5

**Per cent of working age population, UK adults 19 - 59/64**, Source: Labour Force Survey 2004.

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**Per cent of total employment**, Source: Labour Force Survey 2004.

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**18 to 64 year-olds, 2000 - 2003**, Source: Global Entrepreneurship Monitor 2003.

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**(Total external assets + total external liabilities) / Gross Domestic Product**, Source: ONS United Kingdom Balance of Payments – The Pink Book