

Statistical bulletin

Business investment in the UK: July to September 2016 provisional results

Estimates of short-term indicators of investment in non-financial assets; business investment and asset and sector breakdowns of total gross fixed capital formation.



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Notice

25 November 2016

Following a quality review it has been identified that the methodology used to estimate elements of purchased software within gross fixed capital formation (GFCF) has led to some double counting from 1997 onwards. When this issue is amended in The Blue Book 2017 it will reduce the level of GFCF across the period by around 1.1% per year. The average impact on quarter-on-quarter GFCF growth is negative 0.02% and the average impact on quarter-on-quarter GDP growth is 0.00%.

Table of contents

1. [Main points](#)
2. [Future changes](#)
3. [About this release](#)
4. [Gross fixed capital formation and business investment](#)
5. [Summary tables](#)
6. [Economic background](#)
7. [Where to find more of our data](#)
8. [Response rates and adjustments](#)
9. [Quality and methodology](#)
10. [Background notes](#)

1 . Main points

Gross fixed capital formation (GFCF), in volume terms, was estimated to have increased by 1.1% to £79.0 billion between Quarter 2 (Apr to June) 2016 and Quarter 3 (July to Sept) 2016.

Between Quarter 2 2016 and Quarter 3 2016, business investment, in volume terms, was estimated to have increased by 0.9%, from £43.8 billion to £44.2 billion.

Between Quarter 3 2015 and Quarter 3 2016, GFCF was estimated to have increased by 1.2%, from £78.0 billion to £79.0 billion.

Business investment was estimated to have decreased by 1.6% between Quarter 3 2015 and Quarter 3 2016, from £44.9 billion to £44.2 billion.

This Business Investment release covers Quarter 3 (July to Sept) 2016, the first full quarter since the EU referendum. Since the result, business investment has grown broadly in line with the previous quarter. This suggests limited impact so far from the referendum.

In line with the National Accounts Revisions Policy, there are no revisions to estimates for previous quarters in this release.

2 . Future changes

Introduction of theme days

From January 2017 we are improving the way we publish economic statistics, with related data grouped together under new "theme" days. This will increase the coherence of our data releases and involve minor changes to the timing of certain publications. For more information see [Changes to publication schedule for economic statistics](#).

Changes to gross fixed capital formation (GFCF) estimation system

We are currently redeveloping the GFCF estimation system in line with the 5-year strategy for the [UK National Accounts, 2015 to 2020](#) published in July 2015 and recommendations from the Bean Review. As a result we will be introducing some methodological changes to the new GFCF system, including improved deflation and seasonal adjustment methodology. We will be publishing more information on the impact of these changes on the GFCF dataset prior to its introduction ahead of Blue Book 2017.

Purchased software

Following a quality review it has been identified that the methodology used to estimate elements of purchased software within gross fixed capital formation (GFCF) has led to some double-counting from 1997 onwards. When this issue is amended in The Blue Book 2017 it will reduce the level of GFCF across the period by around 1.1% per year. The average impact on quarter-on-quarter GFCF growth is negative 0.02% and the average impact on quarter-on-quarter GDP growth is 0.00%.

3 . About this release

The estimates in this release are short-term indicators of investment in non-financial assets in the UK, such as dwellings, transport equipment, machinery, buildings and intellectual property products. This release covers not only business investment, but asset and sector breakdowns of total gross fixed capital formation (GFCF), of which business investment is one component.

Business investment is net investment by private and public corporations. These include investments in:

- transport
- information and communication technology (ICT) equipment
- other machinery and equipment
- cultivated assets
- intellectual property products (IPP, which includes investment in software, research and development, artistic originals and mineral exploration)
- buildings and other structures

It does not include investment by central or local government, investment in dwellings, or the costs associated with the transfer of non-produced assets (such as land). A full sector and asset hierarchy can be found in the background notes. Business investment is not an internationally recognised concept and therefore it should not be used to make international comparisons.

All investment data referred to in this bulletin are estimates of seasonally adjusted chained volume measures.

4 . Gross fixed capital formation and business investment

Figures 1 and 2 show that in Quarter 3 (July to Sept) 2016, gross fixed capital formation (GFCF) increased by £0.9 billion (1.1%) compared with Quarter 2 (Apr to June) 2016. This means GFCF has increased for 2 two consecutive quarters, having previously increased by 1.6% in Quarter 2 2016. Compared with the same quarter a year ago, GFCF in Quarter 3 2016 was £79.0 billion, 1.2% higher than Quarter 3 2015 (Figure 1).

GFCF is now 3.2% above the pre-economic downturn peak of Quarter 1 (Jan to Mar) 2008 (£76.5 billion).

Figure 1: Quarterly levels of gross fixed capital formation chained volume measures, seasonally adjusted, Quarter 3 2008 to Quarter 3 2016

Reference year: 2013 Coverage: UK

Figure 1: Quarterly levels of gross fixed capital formation
chained volume measures, seasonally adjusted, Quarter 3 2008
to Quarter 3 2016

Reference year: 2013 Coverage: UK



Source: Office for National Statistics

Notes:

1. Q1 = Quarter 1 (January to March), Q2 = Quarter 2 (April to June), Q3 = Quarter 3 (July to September), Q4 = Quarter 4 (October to December)
2. The data in this chart covers Quarter 3 (July to Sept) 2008 to Quarter 3 2016

Figure 2: Quarter on quarter growth of gross fixed capital formation, chained volume measures, seasonally adjusted

Reference year: 2013 Coverage: UK

Figure 2: Quarter on quarter growth of gross fixed capital formation, chained volume measures, seasonally adjusted

Reference year: 2013 Coverage: UK



Source: Office for National Statistics

Notes:

1. Q1 = Quarter 1 (January to March), Q2 = Quarter 2 (April to June), Q3 = Quarter 3 (July to September), Q4 = Quarter 4 (October to December).
2. The data in this chart covers Quarter 3 (July to Sept) 2008 to Quarter 3 2016.

Business investment in Quarter 3 2016 was £44.2 billion (Figure 3), an increase of 0.9% (Figure 4) when compared with the previous quarter. This was mainly due to an increase in investment in other building and structures. As illustrated in Figures 3 and 4, business investment has seen 2 consecutive periods of positive quarter- on- quarter growth. Business investment is now 8.0% above the pre-economic downturn peak of Quarter 1 2008 (£40.9 billion).

Business investment in Quarter 3 2016 fell by 1.6% when compared with the same quarter a year ago. This decrease in business investment marks 3 consecutive periods of negative growth when compared with the same quarter a year earlier. The main contributors to the decrease are other machinery and equipment, and other buildings and structures. These falls are partially offset by increases in transport equipment.

Figure 3: Quarterly levels of business investment chained volume measure, seasonally adjusted, Quarter 3 2008 to Quarter 3 2016

Reference year: 2013 Coverage: UK

Figure 3: Quarterly levels of business investment chained volume measure, seasonally adjusted, Quarter 3 2008 to Quarter 3 2016

Reference year: 2013 Coverage: UK



Source: Office for National Statistics

Notes:

1. Q1 = Quarter 1 (January to March), Q2 = Quarter 2 (April to June), Q3 = Quarter 3 (July to September), Q4 = Quarter 4 (October to December).
2. The data in this chart covers Quarter 3 (July to Sept) 2008 to Quarter 3 2016.

Figure 4: Quarter on quarter growth of business investment, chained volume measure, seasonally adjusted

Reference year: 2013 Coverage: UK

Figure 4: Quarter on quarter growth of business investment, chained volume measure, seasonally adjusted

Reference year: 2013 Coverage: UK



Source: Office for National Statistics

Notes:

1. Q1 = Quarter 1 (January to March), Q2 = Quarter 2 (April to June), Q3 = Quarter 3 (July to September), Q4 = Quarter 4 (October to December).
2. The data in this chart covers Quarter 3 (July to Sept) 2008 to Quarter 3 2016.

5 . Summary tables

Table 1 shows that in Quarter 3 (July to Sept) 2016, gross fixed capital formation (GFCF) increased by 1.1% to £79.0 billion when compared with Quarter 2 (Apr to June) 2016. The largest level increase was seen in the general government sector, which rose by £0.5 billion (4.0%) to £12.8 billion; its highest level since Quarter 1 (Jan to Mar) 2014. The second largest level increase was in business investment, which rose by £0.4 billion (0.9%). These were partially offset by a decrease of 3.1% (£0.2 billion) in private sector cost of ownership transfer on non-produced assets.

Between Quarter 3 2015 and Quarter 3 2016, the largest level increases were seen in general government (£0.8 billion) and private sector dwellings (£0.7 billion). These were partially offset by a decrease of £0.7 billion in business investment.

Table 1: Total gross fixed capital formation in the UK by institutional sector, Quarter 3 (July to Sept) 2016

	% change	% change	£ million	£ million	£ million
	Most recent quarter on previous quarter	Most recent quarter on same quarter a year earlier	Most recent level **	Level change from previous quarter	Level change on same quarter a year earlier
Gross fixed capital formation	1.1	1.2	78,986	878	972
Business investment	0.9	-1.6	44,199	401	-715
General government	4.0	7.0	12,840	491	842
Public corporations dwellings	3.8	10.5	1,143	42	109
Public corporations cost of ownership transfer on non- produced assets	-3.0	1.2	-163	5	-2
Private sector dwellings	0.7	4.4	15,849	103	664
Private sector cost of ownership transfer on non- produced assets	-3.1	1.5	5,118	-164	74

Source: Office for National Statistics

Notes:

1. ** Series may not sum to totals due to rounding.

Table 2 shows that in asset terms, the increase in GFCF in Quarter 3 2016 was primarily due to an increase in other buildings and structures and transfer costs, which grew by £0.8 billion (3.2%) quarter- on- quarter to £25.2 billion. Transport equipment saw the largest decrease in level terms, falling £0.1 billion (2.3%) to £5.2 billion in Quarter 3 2016.

Between Quarter 3 2015 and Quarter 3 2016, transport equipment saw the largest level increase of £1.1 billion (25.1%) to £5.2 billion. Dwellings also increased quarter on the same quarter a year ago, having grown by £0.8 billion (4.8%) to £17.0 billion in Quarter 3 2016.

These increases were partially offset by a decrease in information and communication technology (ICT) equipment and other machinery and equipment, which decreased by 3.6% (£0.5 billion). Other buildings and structures and transfer costs also decreased by 1.5 % (£0.4 billion).

Table 2: Total gross fixed capital formation in the UK by asset, Quarter 3 (July to Sept) 2016

	% change	% change	£ million	£ million	£ million
	Most recent quarter on previous quarter	Most recent quarter on same quarter a year earlier	Most recent level **	Level change from previous quarter	Level change on same quarter a year earlier
Gross fixed capital formation	1.1	1.2	78,986	878	972
Transport equipment	-2.3	25.1	5,239	-123	1050
ICT equipment and other machinery and equipment	0.7	-3.6	14,651	97	-542
Dwellings	0.8	4.8	17,041	142	777
Other buildings and structures and transfer costs	3.2	-1.5	25,177	779	-371
Intellectual property products	-0.1	0.3	16,878	-17	58

Source: Office for National Statistics

Notes:

1. ** Series may not sum to totals due to rounding.

6 . Economic background

Gross fixed capital formation (GFCF) grew by 1.2% between Quarter 3 (July to Sept) 2015 and Quarter 3 2016 following a 1.0% increase in Quarter 2 (Apr to June) 2016, marking 14 consecutive periods of quarter on same quarter a year ago growth. However, the rate of growth in GFCF has slowed consistently since 2014. Quarter on same quarter a year ago growth averaged 6.8% in 2014; fell to 3.4% in 2015 then fell further to 0.8% across the first 3 quarters of 2016.

On a sector basis, the increase in GFCF, quarter on same quarter a year ago, was mainly driven by investment by general government, which contributed 1.1 percentage points to overall GFCF growth. In contrast, business investment made an offsetting negative contribution to GFCF growth over the same period (negative 0.9 percentage points). An important factor to consider when looking at business investment is the availability or supply of lending. In the most recent [Bank of England's Credit Conditions Review](#) the supply of lending to companies was reported to be broadly unchanged in Quarter 3 2016. Over the same period, credit demand fell for firms of all business sizes.

Developments in the housing market can also be important for investment and wider activity. Investment in residential dwellings (the new construction and repair of homes) grew by 0.8% in Quarter 3 2016 on a quarter-on-quarter basis and by 4.8% on the same quarter a year ago basis. This reflects a mixed picture in the construction industry; the construction of new build housing increased by 8.7% on a same quarter a year ago basis, however, the repair and maintenance of housing fell to 4.8% ([Construction output in Great Britain: Sept 2016 and July to Sept 2016](#)). Over the year to September 2016, [house prices](#) as measured by the Office for National Statistics rose by 7.7%. Furthermore, new housing orders increased by 22% in Quarter 2 2016 when compared with Quarter 1 2016, which will affect investment for later periods ([New orders in the construction industry](#)).

On an asset basis, the quarter on same quarter a year ago increase in GFCF was mainly driven by transport equipment, which contributed 1.3 percentage points to growth, while ICT equipment and other machinery and equipment made the largest negative contribution to GFCF (negative 0.7 percentage points).

7 . Where to find more of our data

We also publish additional analyses of GFCF, business investment, and the Quarterly Acquisitions and Disposals of Capital Assets Survey, which have been created in response to your requests. [These are available to download free from our website](#). Enquiries about user-requested data may be made to gcf@ons.gsi.gov.uk

8 . Response rates and adjustments

Survey response rates

Table 3 presents the provisional (month 2) and revised (month 3) response rates for the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS). The estimates in this release are based on the Quarter 3 (July to Sept) 2016 month 2 (provisional) survey results.

Table 3: UK response rates for quarterly acquisitions and disposals of capital assets survey at time of publication, Quarter 3 (July to Sept) 2015 to Quarter 3 (July to Sept) 2016

At month 2 (provisional)			At month 3 (revised)		
Period		Survey response rates / %	Period		Survey response rates / %
2015	Q3	72.1	2015	Q3	88.4
	Q4	68.6		Q4	89.8
	Q1	69.2		Q1	89.4
	Q2	71.4		Q2	85.6
2016	Q3	72.8			

Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar), Q2 is Quarter 2 (Apr to June), Q3 is Quarter 3 (July to Sept) and Q4 is Quarter 4 (Oct to Dec)

Adjustments

Large capital expenditure tends to be reported later in the data collection period than smaller capital expenditure. This means that larger expenditures are often included in the revised (month 3) results, but are not reported in time for the provisional (month 2) results, leading to a tendency towards upwards revisions in the later estimates for business investment and gross fixed capital formation (GFCF). Following investigation of the impact of this effect, from Quarter 3 (July to Sept) 2013, a bias adjustment was introduced to GFCF and its components in the provisional estimate. A bias adjustment of £0.8 billion has been included in the provisional (month 2) release for Quarter 3 (July to Sept) 2016. This adjustment will be reassessed in line with previous revisions and will be updated for the Quarter 3 2016 revised estimate.

In order to try and improve the quality of the response from our customers, clearer instructions were added to the Quarterly Survey of Capital Expenditure. These updates are outlined in the provisional Quarter 1 (Jan to Mar) 2015 business investment release. Feedback from some respondents indicated that they had been misreporting their asset breakdown and were correcting this on the new questionnaire. We found that some respondents were reporting new construction work as other capital equipment (OCE). From Quarter 1 2015, respondents to the survey are now reporting more in new construction work at the expense of other capital equipment. To remain consistent with the previous data, we have made some adjustments to the assets in the current price series in Quarter 1 2015 to Quarter 3 2016. These adjustments are shown in Table 4.

Table 4: Adjustments made to buildings and other machinery to account for improved survey information, Quarter 1 (Jan to Mar) 2015 to Quarter 3 (July to Sept) 2016

Period	Adjustment to buildings (£ billion)	Adjustment to machinery (£ billion)
Q1 2015	-1.5	1.5
Q2 2015	-2.1	2.1
Q3 2015	-1.9	1.9
Q4 2015	-1.9	1.9
Q1 2016	-1.9	1.9
Q2 2016	-1.9	1.9
Q3 2016	-2.1	2.1

Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar), Q2 is Quarter 2 (Apr to June), Q3 is Quarter 3 (July to Sept) and Q4 is Quarter 4 (Oct to Dec)

9 . Quality and methodology

The [Business investment Quality and Methodology Information document](#) contains important information on:

- the strengths and limitations of the data and how it compares with related data
- users and uses of the data
- how the output was created
- the quality of the output including the accuracy of the data

Methods

Estimates in this release have been compiled under European System of Accounts (ESA) 2010 concepts and definitions, in compliance with the UK's legal obligations in producing the national accounts. Articles are available describing the [methodology used to estimate GFCF and the impact of the changes implemented for ESA10 in September 2014](#).

Further information on methodology

Further information about the UK National Accounts and the programme of continuous improvement can be found at:

- [National Accounts methodology and articles](#)
- [Continuous Improvement of Gross Domestic Product: Sources, Methods and Communication](#)

Composition of the data

Estimates of GFCF and business investment are produced twice each quarter: an early provisional estimate in month 2 (second estimate of GDP) and revised estimates in month 3 (Quarterly National Accounts). The largest component of the estimates is collected via the [Quarterly Acquisitions and Disposals of Capital Assets Survey](#) (QCAS). This survey collects data on the acquisition and disposal of capital assets from the manufacturing, other production, construction, distribution and other services sectors. Other main sources for GFCF include data returned by local and central government and public corporations, data on construction, data on new dwellings and improvements to dwellings, and artistic originals. GFCF by local and central government, investment in new dwellings and the costs associated with the transfer of non-produced assets (primarily costs associated with the transfer of land and existing buildings) are excluded from the business investment estimates, but included in total GFCF. The acquisition and disposal of land and existing buildings, including dwellings, is excluded from both the business investment and GFCF estimates.

More information about the Quarterly Acquisitions and Disposals of Capital Assets Survey can be found in the [Quarterly Acquisitions and Disposals of Capital Assets Survey Quality and Methodology Information report](#).

10. Background notes

1. Understanding the data

Short guide to business investment

Gross fixed capital formation (GFCF) is used in the compilation of the UK National Accounts' expenditure approach to the measurement of GDP in the [second estimate of gross domestic product \(GDP\)](#) at month 2 and the [Quarterly National Accounts \(QNA\)](#) at each calendar quarter. It is an estimate of net capital expenditure by both the public and private sectors. Examples of capital expenditure include spending on plant and machinery, transport equipment, software, new dwellings and other buildings, and major improvements to existing buildings and structures, such as roads. The additional assets, research and development and military weapons systems were introduced in the [Quarter 2 \(Apr to June\) 2014 revised results release](#), published November 2014, consistent with the European System of Accounts 2010 and with the UK Annual National Accounts (Blue Book) 2014.

Business investment estimates are a short-term indicator of net capital expenditure by businesses within the UK, at current prices and chained volume measures, both seasonally and not seasonally adjusted. Business investment is one component of GFCF. Business investment estimates exclude expenditure on dwellings and the costs associated with the transfer of ownership of non-produced assets, and capital expenditure by local and central government.

Interpreting the data

When making comparisons it is recommended that you focus on chained volume, seasonally adjusted estimates as these show underlying movements rather than seasonal movements, and have the effect of changes in prices removed.

Use of the data

Estimates from this release are used by the Office for National Statistics (ONS) in the [compilation of the UK National Accounts](#), and by the Bank of England and Her Majesty's Treasury to monitor economic performance and to inform monetary and fiscal policy decisions. Business investment is also used by other government departments, such as the Department for Business, Energy and Industrial Strategy. In addition, these estimates are frequently used by the business, education and research communities, the media and the general public.

2. Definitions and explanations

Current price (CP)

Current prices are the actual or estimated recorded monetary value over a defined period. They show the value for each item expressed in terms of the prices of that period.

Deflation and chained volume measure (CVM)

Investment is measured across several time periods. The values measured will include both the change in the volume of investment and the effect of the change of prices over the period. Deflation is the process whereby the effect of price change is removed from a set of values.

Deflation can be done simply by dividing a current price estimate by a deflator, which measures the movement in prices. Doing this creates a constant price series. For deflators to accurately measure the movement in prices they need to accurately reflect changing investment habits. We do this by rebasing deflators.

Rebasing deflators has a significant effect on a constant price series and would cause significant revisions to the investment data. To avoid this it has been the standard to not rebase deflators annually. This, however, means the deflators are not accurately measuring price changes.

To resolve this we estimate volumes using chained volume measures, which are derived by linking together (compounding) movements in volumes; calculated using the prices of the previous financial year; and applying the movements to the current price estimates of the reference year. This allows us to remove both the effect of prices and rebasing.

Seasonally adjusted (SA)

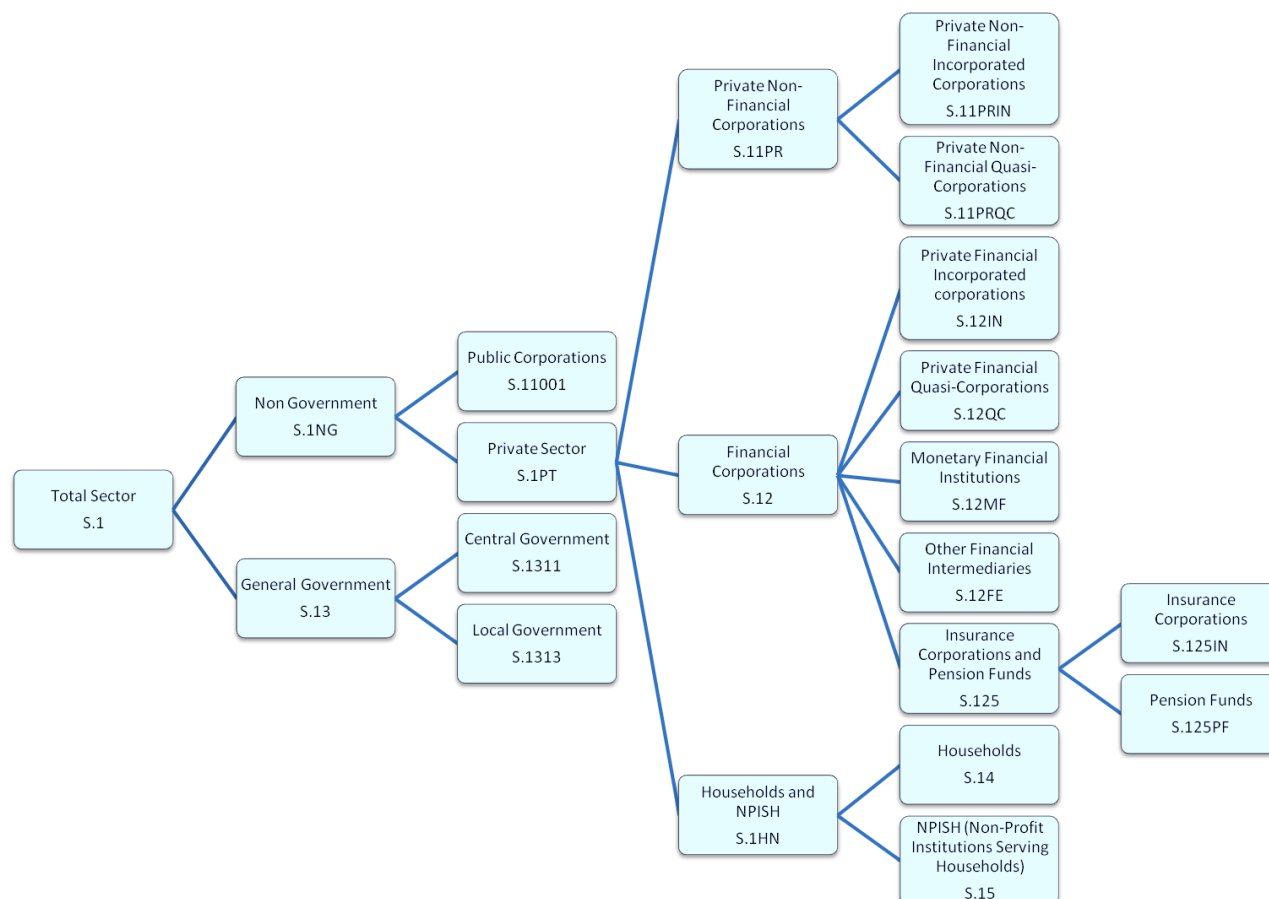
Seasonal adjustment aids interpretation by removing effects associated with the time of the year or the arrangement of the calendar, which could obscure movements of interest.

Asset and sector hierarchies

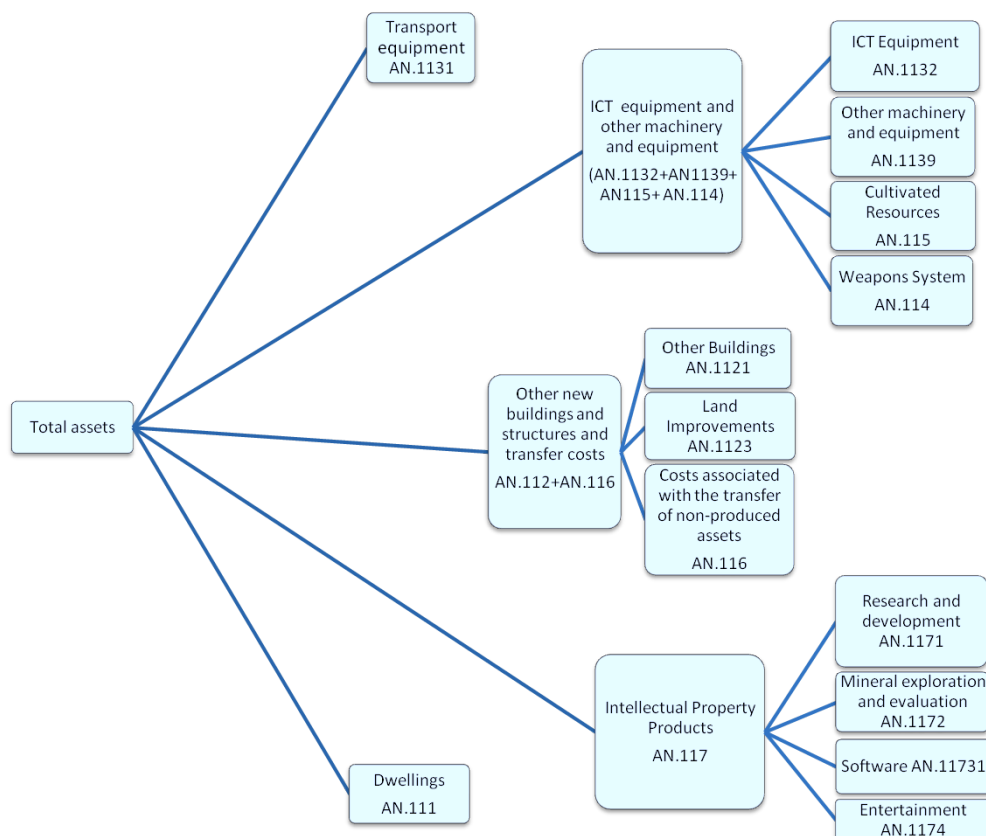
The diagrams show the institutional and sector hierarchies for GFCF, as set out by the European System of Accounts 2010. The asset hierarchy for business investment is also set out. Business investment is not an internationally defined concept, and the UK's estimates cannot be compared with those of other countries due to definitional differences.

A full list of sector codes, for example S.11001 = public corporations, is available in the datasets.

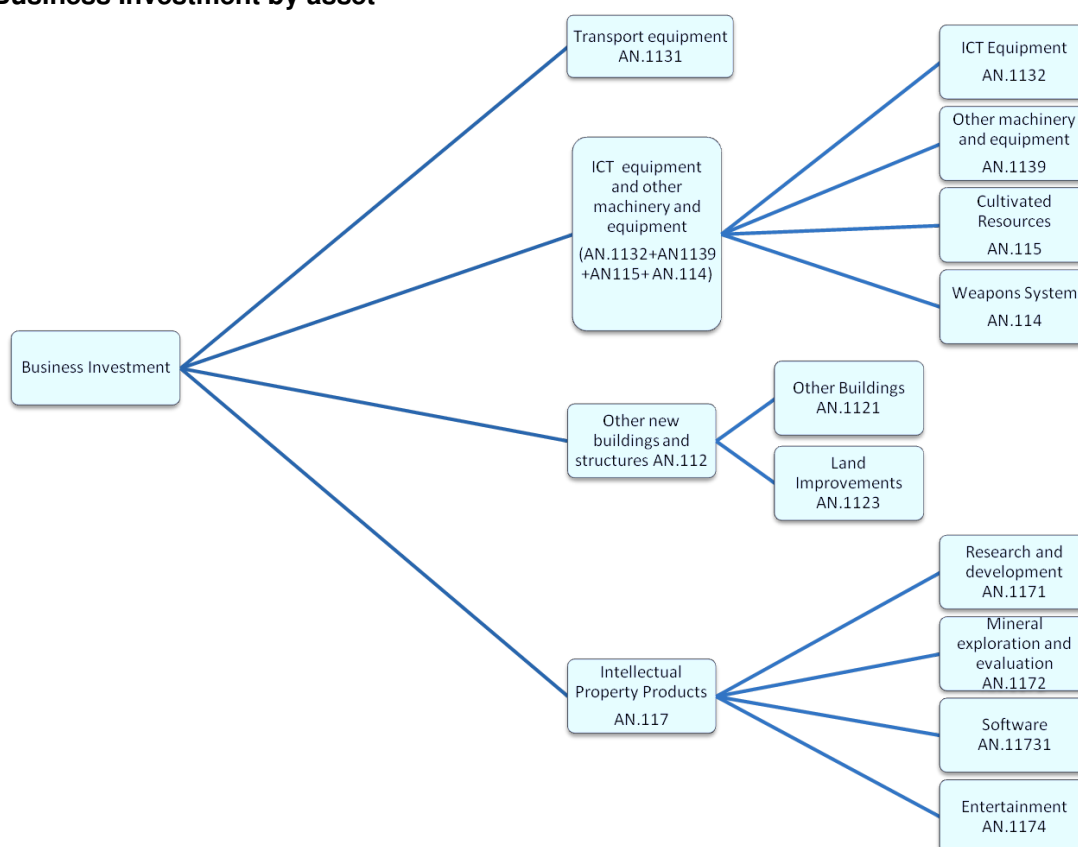
Institutional sector hierarchy



Gross fixed capital formation asset hierarchy



Business Investment by asset



3. Changes to the Quarterly Survey of Capital Expenditure in Quarter 3 (July to Sept) 2016

Following [a consultation on changes to ONS products](#), completed in February 2016, in our response we stated that we would be reducing the sample size of the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) by 10%. This reduction has been implemented in this release so that the survey sample size is now

24,500, compared with 27,000 previously. The sample reduction has been managed to ensure that it does not affect the quality of our estimates. We will continue to monitor the effect of the sample reduction.

4. Changes to the Quarterly Survey of Capital Expenditure in Quarter 1 (Jan to Mar) 2015

In Quarter 1 (Jan to Mar) 2015 we moved to the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) from the Quarterly Survey of Capital Expenditure (CAPEX). This is outlined in the business investment, Quarter 4 (Oct to Dec) 2014 revised results bulletin and in [Changes to the Annual Business Survey, the Quarterly Survey of Capital Expenditure and the Survey into Business Spending on Capital Items, in 2015](#) (published 22 August 2014). The main reason was to move to the updated European System of Accounts (ESA) 2010 manual which provides international guidance for national accounts.

The main changes to the survey are:

- adding new questions to improve the quality of our estimates and to meet the latest European legislation requirements (ESA 2010)
- removing the lower limit of £500 for the value of reported assets, so all relevant assets (even those below businesses' Asset Register threshold) can be reported
- including small tools used in production in the definition of GFCF
- improving the questionnaire's layout (including new sections and headings), to make completing the questionnaire easier

The data from the new questions will not be included in estimates of GFCF and its components until 2017, when there will be 2 years of data available for quality assurance.

5. British Nuclear Fuels Ltd (BNFL)

In April 2005 nuclear reactors were transferred from British Nuclear Fuels Ltd (BNFL) to the Nuclear Decommissioning Authority (NDA). BNFL is classified as a public corporation in National Accounts and the NDA as a central government body. The capital formation estimates in this release reflect this transfer from the public corporations manufacturing category. The value of the transfer was negative £15.6 billion. The negative value reflects the fact that the reactors are at the end of their productive lives and have large decommissioning and clean-up liabilities. This shows up as a prominent trough in Quarter 2 (Apr to June) 2005 in the general government series, and a complementary peak in Quarter 2 (Apr to June) of the business investment series, which includes investment by public corporations (except dwellings and transfer costs). A more detailed explanation about the transfer can be found in the [December 2006 Business Investment release](#).

6. Other relevant sources of data

International business investment comparisons are not available on a like-for-like basis, as the compilation of European statistics on business investment differs from the data provided within this release. However, European estimates of business investment provided by Eurostat, the European statistical office, can be found on the [Eurostat website](#).

Business investment in the UK accounts for over half of total gross fixed capital formation (GFCF).

The [GSS Business Statistics – interactive user guide](#) is an interactive tool to help you find what business and economic statistics are available, and choose the right data for your needs.

We publish the following statistical releases, which provide complementary information on UK business and economic performance:

- [Profitability of UK Companies](#) - quarterly data on capital employed by private non-financial corporations (PNFCs); contains annual, net and gross rates of return (expressed as percentages) on capital used by PNFCs
- [Quarterly National Accounts](#) - includes UK data on GFCF and changes in inventories
- [UK Economic Accounts](#) - quarterly detailed estimates of national product, income and expenditure, UK Sector Accounts and UK Balance of Payments, including data on GFCF

- [UK National Accounts: the Blue Book](#) - annual publication of the UK National Accounts, including data on GFCF
- [Retail Sales](#) - monthly estimate of UK retail sales
- [UK Manufacturers' Sales by Product \(PRODCOM\)](#) - annual output by manufacturers
- [Labour Market Statistics](#) - monthly data on employment, unemployment, economic inactivity, claimant count, average earnings, labour productivity, vacancies and labour disputes
- [Business Demography](#) – annual statistics on UK business births, deaths and survival

7. Feedback

We welcome your feedback on the business investment release and data. Please contact gcf@ons.gsi.gov.uk. You can also engage in discussion about business investment, and, share information with other users or producers of financial and economic statistics by visiting the Financial and Economic Statistics User Group on the Royal Statistical Society's [StatsUserNet](#) discussion forum.

8. Accessing data

To see a time series of the data please use the [time series datasets](#) on our website.

9. Code of Practice for Official Statistics

[National Statistics](#) are produced to high professional standards set out in the [Code of Practice for Official Statistics](#). They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from any political interference.

GROSS FIXED CAPITAL FORMATION TABLES BY SECTOR AND TYPE OF ASSET

Chained volume measures levels seasonally adjusted	G1
Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter	G2
Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G3
Chained volume measures levels seasonally adjusted annual	G4
Chained volume measures levels not seasonally adjusted	G5
Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter	G6
Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G7
Chained volume measures levels not seasonally adjusted annual	G8
Current price levels seasonally adjusted	G9
Current price levels seasonally adjusted percentage change latest quarter on previous quarter	G10
Current price levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G11
Current price levels seasonally adjusted annual	G12
Current price levels not seasonally adjusted	G13
Current price levels not seasonally adjusted percentage change latest quarter on previous quarter	G14
Current price levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G15
Current price levels not seasonally adjusted annual	G16

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2005 Q1	33 962	11 501	1 104	-1 369	17 100	9 088	69 942	2 762	13 422	18 250	22 482	13 560	69 942	
2005 Q2	54 130	- 8 726	1 278	-1 123	17 183	8 473	71 475	3 060	13 495	18 467	21 316	14 007	71 475	
2005 Q3	35 943	10 779	1 315	-1 275	16 929	10 152	73 005	2 931	14 298	18 253	24 275	13 724	73 005	
2005 Q4	34 609	10 261	1 290	-1 296	16 617	11 118	72 655	2 899	13 576	17 915	24 708	13 896	72 655	
2006 Q1	34 795	10 022	1 401	-1 304	16 552	12 296	72 801	3 185	13 298	17 958	24 991	13 692	72 801	
2006 Q2	36 282	9 795	1 209	-1 030	16 282	10 566	71 445	2 893	14 171	17 489	23 663	13 578	71 445	
2006 Q3	38 031	10 647	1 391	-950	15 991	10 683	75 217	3 465	14 985	17 390	25 601	13 956	75 217	
2006 Q4	38 016	10 477	1 285	-976	15 974	11 579	76 658	3 660	14 925	17 263	26 725	14 192	76 658	
2007 Q1	39 167	10 550	1 296	-982	16 354	11 879	77 254	3 031	15 719	17 647	26 519	14 523	77 254	
2007 Q2	41 019	10 640	1 157	-990	16 130	12 823	79 247	3 188	15 517	17 289	28 666	14 567	79 247	
2007 Q3	38 998	9 934	1 193	-808	15 795	11 206	76 074	2 863	15 605	16 992	26 291	14 438	76 074	
2007 Q4	41 489	11 037	1 172	-774	15 914	11 023	80 420	2 989	16 192	17 091	29 028	15 071	80 420	
2008 Q1	40 914	12 287	1 235	-728	15 896	8 600	76 519	2 171	15 922	17 142	25 987	15 476	76 519	
2008 Q2	41 093	11 977	1 156	-511	15 286	6 960	75 437	3 382	16 373	16 448	24 106	15 344	75 437	
2008 Q3	39 715	11 812	1 087	-354	14 289	4 891	71 612	3 009	15 232	15 377	22 963	15 204	71 612	
2008 Q4	37 221	12 906	1 069	-260	13 716	3 553	69 007	2 980	13 997	14 787	22 201	15 132	69 007	
2009 Q1	34 916	13 341	1 062	-77	12 298	2 583	63 526	2 465	12 651	13 356	20 428	14 716	63 526	
2009 Q2	33 203	11 990	1 075	-98	11 349	3 097	59 837	2 660	11 329	12 473	19 183	14 205	59 837	
2009 Q3	32 927	13 409	1 140	-108	11 579	3 438	62 668	2 830	11 751	12 680	21 051	14 308	62 668	
2009 Q4	32 469	13 363	1 181	-111	10 818	3 553	62 068	2 515	11 790	11 996	21 285	14 407	62 068	
2010 Q1	34 557	13 998	1 096	-105	11 060	3 055	63 119	2 913	11 951	12 148	21 004	15 066	63 119	
2010 Q2	34 623	13 122	1 073	-108	12 071	3 426	63 483	2 755	13 011	13 146	19 687	14 876	63 483	
2010 Q3	35 829	13 273	1 057	-108	12 802	3 495	66 637	3 650	13 087	13 863	20 978	15 048	66 637	
2010 Q4	36 489	12 998	1 019	-104	12 851	3 239	67 157	4 653	13 412	13 866	20 321	14 878	67 157	
2011 Q1	35 604	14 060	1 001	-101	12 579	3 127	65 669	2 005	13 393	13 585	21 237	15 481	65 669	
2011 Q2	36 346	12 106	913	-98	12 811	3 083	64 578	2 138	14 025	13 725	20 088	14 630	64 578	
2011 Q3	37 429	12 505	844	-96	12 952	3 076	66 861	2 058	14 484	13 797	21 380	15 165	66 861	
2011 Q4	38 209	12 172	825	-101	13 198	3 207	68 219	2 440	14 679	14 009	21 856	15 254	68 219	
2012 Q1	39 517	12 689	786	-113	13 124	3 406	68 890	2 635	14 857	13 894	21 884	15 600	68 890	
2012 Q2	39 134	12 297	853	-106	12 153	3 399	67 146	2 433	14 078	13 058	22 362	15 221	67 146	
2012 Q3	38 879	11 142	803	-103	12 024	3 299	66 258	2 384	13 546	12 871	22 042	15 417	66 258	
2012 Q4	40 715	11 290	790	-107	12 287	3 408	69 240	2 627	14 143	13 117	23 342	16 012	69 240	
2013 Q1	39 729	11 021	775	-124	12 372	3 764	67 521	2 073	15 138	13 152	20 855	16 277	67 521	
2013 Q2	39 683	11 316	871	-109	13 168	3 784	68 700	2 288	13 911	14 098	22 652	15 765	68 700	
2013 Q3	41 084	11 553	849	-129	13 490	4 220	71 070	2 813	14 650	14 364	23 242	16 000	71 070	
2013 Q4	41 830	11 857	857	-143	13 874	4 632	72 933	2 754	14 770	14 772	24 285	16 365	72 933	
2014 Q1	40 412	13 769	876	-148	15 382	4 662	74 953	2 400	14 724	16 310	24 491	17 028	74 953	
2014 Q2	42 832	10 946	908	-157	14 139	5 094	73 762	2 965	16 058	15 088	23 380	16 271	73 762	
2014 Q3	42 294	11 946	954	-160	14 789	4 998	74 821	3 201	15 662	15 791	23 861	16 306	74 821	
2014 Q4	43 089	11 874	984	-152	14 657	4 884	75 336	3 459	14 627	15 685	24 800	16 765	75 336	
2015 Q1	44 230	12 200	1 026	-138	14 887	4 434	76 639	4 696	14 336	15 970	24 617	17 020	76 639	
2015 Q2	44 161	11 781	1 005	-154	15 614	4 910	77 317	4 572	14 575	16 667	24 547	16 956	77 317	
2015 Q3	44 914	11 998	1 034	-161	15 185	5 044	78 014	4 189	15 193	16 264	25 548	16 820	78 014	
2015 Q4	43 844	11 605	999	-166	15 445	5 275	77 002	3 987	14 702	16 493	25 124	16 696	77 002	
2016 Q1	43 368	11 478	1 094	-174	15 621	5 512	76 899	4 668	14 250	16 765	24 286	16 930	76 899	
2016 Q2	43 798	12 349	1 101	-168	15 746	5 282	78 108	5 362	14 554	16 899	24 398	16 895	78 108	
2016 Q3	44 199	12 840	1 143	-163	15 849	5 118	78 986	5 239	14 651	17 041	25 177	16 878	78 986	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, percentage change latest quarter on previous quarter

£ million (Reference Year 2013)

	Sector							Asset						
	Public				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
2005 Q1	3.6	9.8	-8.3	-31.4	-1.6	2.4	2.6	-11.3	-0.6	-1.9	10.1	4.2	2.6	
2005 Q2	59.4	-175.9	15.8	-18.0	0.5	-6.8	2.2	10.8	0.5	1.2	-5.2	3.3	2.2	
2005 Q3	-33.6	-223.5	2.9	13.5	-1.5	19.8	2.1	-4.2	6.0	-1.2	13.9	-2.0	2.1	
2005 Q4	-3.7	-4.8	-1.9	1.6	-1.8	9.5	-0.5	-1.1	-5.0	-1.9	1.8	1.3	-0.5	
2006 Q1	0.5	-2.3	8.6	0.6	-0.4	10.6	0.2	9.9	-2.0	0.2	1.1	-1.5	0.2	
2006 Q2	4.3	-2.3	-13.7	-21.0	-1.6	-14.1	-1.9	-9.2	6.6	-2.6	-5.3	-0.8	-1.9	
2006 Q3	4.8	8.7	15.1	-7.8	-1.8	1.1	5.3	19.8	5.7	-0.6	8.2	2.8	5.3	
2006 Q4	0.0	-1.6	-7.6	2.7	-0.1	8.4	1.9	5.6	-0.4	-0.7	4.4	1.7	1.9	
2007 Q1	3.0	0.7	0.9	0.6	2.4	2.6	0.8	-17.2	5.3	2.2	-0.8	2.3	0.8	
2007 Q2	4.7	0.9	-10.7	0.8	-1.4	7.9	2.6	5.2	-1.3	-2.0	8.1	0.3	2.6	
2007 Q3	-4.9	-6.6	3.1	-18.4	-2.1	-12.6	-4.0	-10.2	0.6	-1.7	-8.3	-0.9	-4.0	
2007 Q4	6.4	11.1	-1.8	-4.2	0.8	-1.6	5.7	4.4	3.8	0.6	10.4	4.4	5.7	
2008 Q1	-1.4	11.3	5.4	-5.9	-0.1	-22.0	-4.9	-27.4	-1.7	0.3	-10.5	2.7	-4.9	
2008 Q2	0.4	-2.5	-6.4	-29.8	-3.8	-19.1	-1.4	55.8	2.8	-4.0	-7.2	-0.9	-1.4	
2008 Q3	-3.4	-1.4	-6.0	-30.7	-6.5	-29.7	-5.1	-11.0	-7.0	-6.5	-4.7	-0.9	-5.1	
2008 Q4	-6.3	9.3	-1.7	-26.6	-4.0	-27.4	-3.6	-1.0	-8.1	-3.8	-3.3	-0.5	-3.6	
2009 Q1	-6.2	3.4	-0.7	-70.4	-10.3	-27.3	-7.9	-17.3	-9.6	-9.7	-8.0	-2.7	-7.9	
2009 Q2	-4.9	-10.1	1.2	27.3	-7.7	19.9	-5.8	7.9	-10.4	-6.6	-6.1	-3.5	-5.8	
2009 Q3	-0.8	11.8	6.0	10.2	2.0	11.0	4.7	6.4	3.7	1.7	9.7	0.7	4.7	
2009 Q4	-1.4	-0.3	3.6	2.8	-6.6	3.3	-1.0	-11.1	0.3	-5.4	1.1	0.7	-1.0	
2010 Q1	6.4	4.8	-7.2	-5.4	2.2	-14.0	1.7	15.8	1.4	1.3	-1.3	4.6	1.7	
2010 Q2	0.2	-6.3	-2.1	2.9	9.1	12.1	0.6	-5.4	8.9	8.2	-6.3	-1.3	0.6	
2010 Q3	3.5	1.2	-1.5	0.0	6.1	2.0	5.0	32.5	0.6	5.5	6.6	1.2	5.0	
2010 Q4	1.8	-2.1	-3.6	-3.7	0.4	-7.3	0.8	27.5	2.5	0.0	-3.1	-1.1	0.8	
2011 Q1	-2.4	8.2	-1.8	-2.9	-2.1	-3.5	-2.2	-56.9	-0.1	-2.0	4.5	4.1	-2.2	
2011 Q2	2.1	-13.9	-8.8	-3.0	1.8	-1.4	-1.7	6.6	4.7	1.0	-5.4	-5.5	-1.7	
2011 Q3	3.0	3.3	-7.6	-2.0	1.1	-0.2	3.5	-3.7	3.3	0.5	6.4	3.7	3.5	
2011 Q4	2.1	-2.7	-2.3	5.2	1.9	4.3	2.0	18.6	1.3	1.5	2.2	0.6	2.0	
2012 Q1	3.4	4.2	-4.7	11.9	-0.6	6.2	1.0	8.0	1.2	-0.8	0.1	2.3	1.0	
2012 Q2	-1.0	-3.1	8.5	-6.2	-7.4	-0.2	-2.5	-7.7	-5.2	-6.0	2.2	-2.4	-2.5	
2012 Q3	-0.7	-9.4	-5.9	-2.8	-1.1	-2.9	-1.3	-2.0	-3.8	-1.4	-1.4	1.3	-1.3	
2012 Q4	4.7	1.3	-1.6	3.9	2.2	3.3	4.5	10.2	4.4	1.9	5.9	3.9	4.5	
2013 Q1	-2.4	-2.4	-1.9	15.9	0.7	10.4	-2.5	-21.1	7.0	0.3	-10.7	1.7	-2.5	
2013 Q2	-0.1	2.7	12.4	-12.1	6.4	0.5	1.7	10.4	-8.1	7.2	8.6	-3.1	1.7	
2013 Q3	3.5	2.1	-2.5	18.3	2.4	11.5	3.4	22.9	5.3	1.9	2.6	1.5	3.4	
2013 Q4	1.8	2.6	0.9	10.9	2.8	9.8	2.6	-2.1	0.8	2.8	4.5	2.3	2.6	
2014 Q1	-3.4	16.1	2.2	3.5	10.9	0.6	2.8	-12.9	-0.3	10.4	0.8	4.1	2.8	
2014 Q2	6.0	-20.5	3.7	6.1	-8.1	9.3	-1.6	23.5	9.1	-7.5	-4.5	-4.4	-1.6	
2014 Q3	-1.3	9.1	5.1	1.9	4.6	-1.9	1.4	8.0	-2.5	4.7	2.1	0.2	1.4	
2014 Q4	1.9	-0.6	3.1	-5.0	-0.9	-2.3	0.7	8.1	-6.6	-0.7	3.9	2.8	0.7	
2015 Q1	2.6	2.7	4.3	-9.2	1.6	-9.2	1.7	35.8	-2.0	1.8	-0.7	1.5	1.7	
2015 Q2	-0.2	-3.4	-2.0	11.6	4.9	10.7	0.9	-2.6	1.7	4.4	-0.3	-0.4	0.9	
2015 Q3	1.7	1.8	2.9	4.5	-2.7	2.7	0.9	-8.4	4.2	-2.4	4.1	-0.8	0.9	
2015 Q4	-2.4	-3.3	-3.4	3.1	1.7	4.6	-1.3	-4.8	-3.2	1.4	-1.7	-0.7	-1.3	
2016 Q1	-1.1	-1.1	9.5	4.8	1.1	4.5	-0.1	17.1	-3.1	1.6	-3.3	1.4	-0.1	
2016 Q2	1.0	7.6	0.6	-3.4	0.8	-4.2	1.6	14.9	2.1	0.8	0.5	-0.2	1.6	
2016 Q3	0.9	4.0	3.8	-3.0	0.7	-3.1	1.1	-2.3	0.7	0.8	3.2	-0.1	1.1	

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Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, percentage change latest quarter on corresponding quarter of previous year

£ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
2005 Q1	-9.4	24.4	-3.9	-52.0	-2.4	-10.3	-2.9	-13.5	-17.5	-2.7	5.6	5.3	-2.9	
2005 Q2	59.6	-187.7	-4.3	-61.4	0.9	-22.2	4.2	-6.2	-4.6	0.4	3.8	10.2	4.2	
2005 Q3	9.0	7.9	10.5	-48.8	-3.2	-0.6	6.7	-4.0	8.1	-2.5	15.7	5.4	6.7	
2005 Q4	5.6	-2.0	7.1	-35.1	-4.4	25.3	6.6	-6.9	0.5	-3.7	21.0	6.7	6.6	
2006 Q1	2.5	-12.9	26.9	-4.7	-3.2	35.3	4.1	15.3	-0.9	-1.6	11.2	1.0	4.1	
2006 Q2	-33.0	-212.3	-5.4	-8.3	-5.2	24.7	0.0	-5.5	5.0	-5.3	11.0	-3.1	0.0	
2006 Q3	5.8	-1.2	5.8	-25.5	-5.5	5.2	3.0	18.2	4.8	-4.7	5.5	1.7	3.0	
2006 Q4	9.8	2.1	-0.4	-24.7	-3.9	4.1	5.5	26.3	9.9	-3.6	8.2	2.1	5.5	
2007 Q1	12.6	5.3	-7.5	-24.7	-1.2	-3.4	6.1	-4.8	18.2	-1.7	6.1	6.1	6.1	
2007 Q2	13.1	8.6	-4.3	-3.9	-0.9	21.4	10.9	10.2	9.5	-1.1	21.1	7.3	10.9	
2007 Q3	2.5	-6.7	-14.2	-14.9	-1.2	4.9	1.1	-17.4	4.1	-2.3	2.7	3.5	1.1	
2007 Q4	9.1	5.3	-8.8	-20.7	-0.4	-4.8	4.9	-18.3	8.5	-1.0	8.6	6.2	4.9	
2008 Q1	4.5	16.5	-4.7	-25.9	-2.8	-27.6	-1.0	-28.4	1.3	-2.9	-2.0	6.6	-1.0	
2008 Q2	0.2	12.6	-0.1	-48.4	-5.2	-45.7	-4.8	6.1	5.5	-4.9	-15.9	5.3	-4.8	
2008 Q3	1.8	18.9	-8.9	-56.2	-9.5	-56.4	-5.9	5.1	-2.4	-9.5	-12.7	5.3	-5.9	
2008 Q4	-10.3	16.9	-8.8	-66.4	-13.8	-67.8	-14.2	-0.3	-13.6	-13.5	-23.5	0.4	-14.2	
2009 Q1	-14.7	8.6	-14.0	-89.4	-22.6	-70.0	-17.0	13.5	-20.5	-22.1	-21.4	-4.9	-17.0	
2009 Q2	-19.2	0.1	-7.0	-80.8	-25.8	-55.5	-20.7	-21.3	-30.8	-24.2	-20.4	-7.4	-20.7	
2009 Q3	-17.1	13.5	4.9	-69.5	-19.0	-29.7	-12.5	-5.9	-22.9	-17.5	-8.3	-5.9	-12.5	
2009 Q4	-12.8	3.5	10.5	-57.3	-21.1	0.0	-10.1	-15.6	-15.8	-18.9	-4.1	-4.8	-10.1	
2010 Q1	-1.0	4.9	3.2	36.4	-10.1	18.3	-0.6	18.2	-5.5	-9.0	2.8	2.4	-0.6	
2010 Q2	4.3	9.4	-0.2	10.2	6.4	10.6	6.1	3.6	14.8	5.4	2.6	4.7	6.1	
2010 Q3	8.8	-1.0	-7.3	0.0	10.6	1.7	6.3	29.0	11.4	9.3	-0.3	5.2	6.3	
2010 Q4	12.4	-2.7	-13.7	-6.3	18.8	-8.8	8.2	85.0	13.8	15.6	-4.5	3.3	8.2	
2011 Q1	3.0	0.4	-8.7	-3.8	13.7	2.4	4.0	-31.2	12.1	11.8	1.1	2.8	4.0	
2011 Q2	5.0	-7.7	-14.9	-9.3	6.1	-10.0	1.7	-22.4	7.8	4.4	2.0	-1.7	1.7	
2011 Q3	4.5	-5.8	-20.2	-11.1	1.2	-12.0	0.3	-43.6	10.7	-0.5	1.9	0.8	0.3	
2011 Q4	4.7	-6.4	-19.0	-2.9	2.7	-1.0	1.6	-47.6	9.4	1.0	7.6	2.5	1.6	
2012 Q1	11.0	-9.8	-21.5	11.9	4.3	8.9	4.9	31.4	10.9	2.3	3.0	0.8	4.9	
2012 Q2	7.7	1.6	-6.6	8.2	-5.1	10.2	4.0	13.8	0.4	-4.9	11.3	4.0	4.0	
2012 Q3	3.9	-10.9	-4.9	7.3	-7.2	7.2	-0.9	15.8	-6.5	-6.7	3.1	1.7	-0.9	
2012 Q4	6.6	-7.2	-4.2	5.9	-6.9	6.3	1.5	7.7	-3.7	-6.4	6.8	5.0	1.5	
2013 Q1	0.5	-13.1	-1.4	9.7	-5.7	10.5	-2.0	-21.3	1.9	-5.3	-4.7	4.3	-2.0	
2013 Q2	1.4	-8.0	2.1	2.8	8.4	11.3	2.3	-6.0	-1.2	8.0	1.3	3.6	2.3	
2013 Q3	5.7	3.7	5.7	25.2	12.2	27.9	7.3	18.0	8.2	11.6	5.4	3.8	7.3	
2013 Q4	2.7	5.0	8.5	33.6	12.9	35.9	5.3	4.8	4.4	12.6	4.0	2.2	5.3	
2014 Q1	1.7	24.9	13.0	19.4	24.3	23.9	11.0	15.8	-2.7	24.0	17.4	4.6	11.0	
2014 Q2	7.9	-3.3	4.2	44.0	7.4	34.6	7.4	29.6	15.4	7.0	3.2	3.2	7.4	
2014 Q3	2.9	3.4	12.4	24.0	9.6	18.4	5.3	13.8	6.9	9.9	2.7	1.9	5.3	
2014 Q4	3.0	0.1	14.8	6.3	5.6	5.4	3.3	25.6	-1.0	6.2	2.1	2.4	3.3	
2015 Q1	9.4	-11.4	17.1	-6.8	-3.2	-4.9	2.2	95.7	-2.6	-2.1	0.5	0.0	2.2	
2015 Q2	3.1	7.6	10.7	-1.9	10.4	-3.6	4.8	54.2	-9.2	10.5	5.0	4.2	4.8	
2015 Q3	6.2	0.4	8.4	0.6	2.7	0.9	4.3	30.9	-3.0	3.0	7.1	3.2	4.3	
2015 Q4	1.8	-2.3	1.5	9.2	5.4	8.0	2.2	15.3	0.5	5.2	1.3	-0.4	2.2	
2016 Q1	-1.9	-5.9	6.6	26.1	4.9	24.3	0.3	-0.6	-0.6	5.0	-1.3	-0.5	0.3	
2016 Q2	-0.8	4.8	9.6	9.1	0.8	7.6	1.0	17.3	-0.1	1.4	-0.6	-0.4	1.0	
2016 Q3	-1.6	7.0	10.5	1.2	4.4	1.5	1.2	25.1	-3.6	4.8	-1.5	0.3	1.2	

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2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

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Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (Reference Year 2013)

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPCL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
2005	158 644	23 815	4 987	-5 063	67 829	38 831	287 077	11 652	54 791	72 885	92 781	55 187	287 077
2006	147 124	40 941	5 286	-4 260	64 799	45 124	296 121	13 203	57 379	70 100	100 980	55 418	296 121
2007	160 673	42 161	4 818	-3 554	64 193	46 931	312 995	12 071	63 033	69 019	110 504	58 599	312 995
2008	158 943	48 982	4 547	-1 853	59 187	24 004	292 575	11 542	61 524	63 754	95 257	61 156	292 575
2009	133 515	52 103	4 458	-394	46 044	12 671	248 099	10 470	47 521	50 505	81 947	57 636	248 099
2010	141 498	53 391	4 245	-425	48 784	13 215	260 396	13 971	51 461	53 023	81 990	59 868	260 396
2011	147 588	50 843	3 583	-396	51 540	12 493	265 327	8 641	56 581	55 116	84 561	60 530	265 327
2012	158 245	47 418	3 232	-429	49 588	13 512	271 534	10 079	56 624	52 940	89 630	62 250	271 534
2013	162 326	45 747	3 352	-505	52 904	16 400	280 224	9 928	58 469	56 386	91 034	64 407	280 224
2014	168 627	48 535	3 722	-617	58 967	19 638	298 872	12 025	61 071	62 874	96 532	66 370	298 872
2015	177 149	47 584	4 064	-619	61 131	19 663	308 972	17 444	58 806	65 394	99 836	67 492	308 972

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2005	15.7	-39.9	2.2	-50.6	-2.3	-3.2	3.5	-7.7	-4.1	-2.1	11.5	6.9	3.5	
2006	-7.3	71.9	6.0	-15.9	-4.5	16.2	3.2	13.3	4.7	-3.8	8.8	0.4	3.2	
2007	9.2	3.0	-8.9	-16.6	-0.9	4.0	5.7	-8.6	9.9	-1.5	9.4	5.7	5.7	
2008	-1.1	16.2	-5.6	-47.9	-7.8	-48.9	-6.5	-4.4	-2.4	-7.6	-13.8	4.4	-6.5	
2009	-16.0	6.4	-2.0	-78.7	-22.2	-47.2	-15.2	-9.3	-22.8	-20.8	-14.0	-5.8	-15.2	
2010	6.0	2.5	-4.8	7.9	6.0	4.3	5.0	33.4	8.3	5.0	0.1	3.9	5.0	
2011	4.3	-4.8	-15.6	-6.8	5.6	-5.5	1.9	-38.2	9.9	3.9	3.1	1.1	1.9	
2012	7.2	-6.7	-9.8	8.3	-3.8	8.2	2.3	16.6	0.1	-3.9	6.0	2.8	2.3	
2013	2.6	-3.5	3.7	17.7	6.7	21.4	3.2	-1.5	3.3	6.5	1.6	3.5	3.2	
2014	3.9	6.1	11.0	22.2	11.5	19.7	6.7	21.1	4.5	11.5	6.0	3.0	6.7	
2015	5.1	-2.0	9.2	0.3	3.7	0.1	3.4	45.1	-3.7	4.0	3.4	1.7	3.4	

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Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR	
2005 Q1	32 708	14 948	1 776	-1 086	16 852	8 340	72 379	2 685	13 693	18 674	24 325	13 564	72 379	
2005 Q2	53 780	-10 783	741	-1 020	17 233	7 833	68 549	3 478	12 550	17 979	19 553	13 837	68 549	
2005 Q3	35 947	9 709	1 183	-1 428	16 990	10 954	72 523	2 984	14 162	18 183	24 029	13 634	72 523	
2005 Q4	36 209	9 941	1 287	-1 529	16 754	11 704	73 626	2 505	14 386	18 049	24 874	14 152	73 626	
2006 Q1	34 209	13 475	2 183	-1 120	16 283	11 872	75 982	2 947	13 907	18 469	27 186	13 807	75 982	
2006 Q2	34 925	7 664	656	-885	16 346	9 394	67 350	3 407	12 677	17 000	21 310	13 305	67 350	
2006 Q3	38 098	9 545	1 224	-1 099	16 027	11 614	74 773	3 560	14 898	17 260	25 380	13 837	74 773	
2006 Q4	39 892	10 257	1 223	-1 156	16 143	12 244	78 016	3 289	15 897	17 371	27 104	14 469	78 016	
2007 Q1	38 282	13 864	2 020	-858	16 023	11 337	80 058	2 800	16 214	18 039	28 524	14 640	80 058	
2007 Q2	39 289	7 738	615	-870	16 212	11 491	73 900	3 633	13 825	16 830	25 366	14 259	73 900	
2007 Q3	39 214	8 963	1 065	-932	15 833	12 312	75 846	2 912	15 554	16 901	26 253	14 325	75 846	
2007 Q4	43 888	11 596	1 118	-894	16 125	11 791	83 191	2 726	17 440	17 249	30 361	15 375	83 191	
2008 Q1	38 826	16 072	1 941	-601	15 477	7 765	79 163	1 926	16 140	17 427	28 220	15 557	79 163	
2008 Q2	40 449	9 104	602	-523	15 391	6 785	71 376	3 786	14 990	16 001	21 758	15 049	71 376	
2008 Q3	40 037	11 023	974	-427	14 352	5 552	71 202	3 011	15 282	15 328	22 671	15 098	71 202	
2008 Q4	39 631	12 783	1 030	-302	13 967	3 902	70 834	2 819	15 112	14 998	22 608	15 452	70 834	
2009 Q1	34 097	17 522	1 687	-74	11 781	2 420	67 471	2 377	13 252	13 464	23 547	14 828	67 471	
2009 Q2	31 703	9 117	570	-89	11 464	2 816	55 418	2 861	9 927	12 084	16 672	13 901	55 418	
2009 Q3	33 100	12 485	1 041	-118	11 689	3 739	61 820	2 760	11 758	12 690	20 375	14 226	61 820	
2009 Q4	34 615	12 979	1 160	-113	11 110	3 696	63 390	2 472	12 584	12 267	21 353	14 681	63 390	
2010 Q1	33 622	18 342	1 724	-91	10 441	2 783	66 856	2 776	12 530	12 157	24 144	15 163	66 856	
2010 Q2	32 955	10 054	572	-101	12 222	3 151	58 725	2 905	11 507	12 796	17 000	14 562	58 725	
2010 Q3	36 001	12 388	957	-122	12 972	3 868	65 939	3 517	13 058	13 931	20 476	14 955	65 939	
2010 Q4	38 920	12 607	992	-111	13 149	3 413	68 876	4 773	14 366	14 139	20 370	15 188	68 876	
2011 Q1	34 683	18 540	1 531	-90	11 885	2 848	69 265	1 846	13 904	13 421	24 552	15 592	69 265	
2011 Q2	34 612	9 253	488	-93	12 998	2 862	60 034	2 196	12 521	13 487	17 545	14 311	60 034	
2011 Q3	37 552	11 498	759	-107	13 173	3 406	66 215	1 984	14 445	13 933	20 803	15 079	66 215	
2011 Q4	40 741	11 552	805	-106	13 484	3 377	69 813	2 615	15 711	14 275	21 661	15 548	69 813	
2012 Q1	38 479	17 064	1 214	-101	12 362	3 100	72 014	2 375	15 258	13 560	25 133	15 724	72 014	
2012 Q2	37 290	9 661	477	-102	12 406	3 177	62 909	2 483	12 628	12 935	19 951	14 905	62 909	
2012 Q3	39 006	10 101	749	-113	12 279	3 643	65 686	2 307	13 492	13 071	21 507	15 314	65 686	
2012 Q4	43 470	10 592	792	-113	12 541	3 592	70 925	2 914	15 246	13 374	23 039	16 307	70 925	
2013 Q1	38 621	15 335	1 215	-100	11 597	3 204	69 842	1 747	15 172	12 817	23 763	16 336	69 842	
2013 Q2	38 886	8 789	496	-114	13 462	3 709	65 237	2 344	12 891	14 018	20 480	15 509	65 237	
2013 Q3	41 071	10 469	791	-140	13 755	4 609	70 564	2 740	14 604	14 570	22 780	15 878	70 564	
2013 Q4	43 748	11 154	850	-151	14 090	4 878	74 581	3 097	15 802	14 981	24 011	16 684	74 581	
2014 Q1	39 653	17 893	1 362	-130	14 589	4 175	77 542	1 998	15 060	16 002	27 334	17 148	77 542	
2014 Q2	41 624	8 789	517	-150	14 485	4 788	70 053	3 029	14 694	15 042	21 306	15 982	70 053	
2014 Q3	42 360	10 744	878	-174	15 061	5 489	74 358	3 168	15 656	15 988	23 384	16 162	74 358	
2014 Q4	44 990	11 109	965	-163	14 832	5 186	76 919	3 830	15 661	15 842	24 508	17 078	76 919	
2015 Q1	43 514	16 255	1 606	-126	13 925	4 044	79 218	4 210	14 803	15 588	27 473	17 144	79 218	
2015 Q2	43 543	9 722	571	-143	15 820	4 564	74 077	4 884	13 562	16 438	22 505	16 688	74 077	
2015 Q3	45 114	10 826	940	-175	15 590	5 481	77 776	4 343	15 084	16 576	25 119	16 654	77 776	
2015 Q4	44 978	10 781	947	-175	15 796	5 574	77 901	4 007	15 357	16 792	24 739	17 006	77 901	
2016 Q1	41 694	15 192	1 698	-152	14 813	4 785	78 030	4 175	14 507	16 562	25 561	17 225	78 030	
2016 Q2	43 595	9 845	621	-162	15 989	5 131	75 019	5 691	13 889	16 662	22 089	16 688	75 019	
2016 Q3	44 074	12 069	1 061	-175	16 243	5 513	78 785	5 075	14 745	17 354	24 894	16 717	78 785	

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Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, percentage change
latest quarter on previous quarter

£ million (Reference Year 2013)

	Sector								Asset					
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total		ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
									Transport equipment					
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1		S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL		AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
2005 Q1	-4.0	50.9	41.9	-54.7	-3.5	-11.1	5.3		5.5	-3.6	-0.4	18.7	2.2	5.3
2005 Q2	64.4	-172.1	-58.3	-6.1	2.3	-6.1	-5.3		29.5	-8.3	-3.7	-19.6	2.0	-5.3
2005 Q3	-33.2	-190.0	59.6	40.0	-1.4	39.8	5.8		-14.2	12.8	1.1	22.9	-1.5	5.8
2005 Q4	0.7	2.4	8.8	7.1	-1.4	6.8	1.5		-16.1	1.6	-0.7	3.5	3.8	1.5
2006 Q1	-5.5	35.5	69.6	-26.7	-2.8	1.4	3.2		17.6	-3.3	2.3	9.3	-2.4	3.2
2006 Q2	2.1	-43.1	-69.9	-21.0	0.4	-20.9	-11.4		15.6	-8.8	-8.0	-21.6	-3.6	-11.4
2006 Q3	9.1	24.5	86.6	24.2	-2.0	23.6	11.0		4.5	17.5	1.5	19.1	4.0	11.0
2006 Q4	4.7	7.5	-0.1	5.2	0.7	5.4	4.3		-7.6	6.7	0.6	6.8	4.6	4.3
2007 Q1	-4.0	35.2	65.2	-25.8	-0.7	-7.4	2.6		-14.9	2.0	3.8	5.2	1.2	2.6
2007 Q2	2.6	-44.2	-69.6	1.4	1.2	1.4	-7.7		29.8	-14.7	-6.7	-11.1	-2.6	-7.7
2007 Q3	-0.2	15.8	73.2	7.1	-2.3	7.1	2.6		-19.8	12.5	0.4	3.5	0.5	2.6
2007 Q4	11.9	29.4	5.0	-4.1	1.8	-4.2	9.7		-6.4	12.1	2.1	15.6	7.3	9.7
2008 Q1	-11.5	38.6	73.6	-32.8	-4.0	-34.1	-4.8		-29.3	-7.5	1.0	-7.1	1.2	-4.8
2008 Q2	4.2	-43.4	-69.0	-13.0	-0.6	-12.6	-9.8		96.6	-7.1	-8.2	-22.9	-3.3	-9.8
2008 Q3	-1.0	21.1	61.8	-18.4	-6.8	-18.2	-0.2		-20.5	1.9	-4.2	4.2	0.3	-0.2
2008 Q4	-1.0	16.0	5.7	-29.3	-2.7	-29.7	-0.5		-6.4	-1.1	-2.2	-0.3	2.3	-0.5
2009 Q1	-14.0	37.1	63.8	-75.5	-15.7	-38.0	-4.7		-15.7	-12.3	-10.2	4.2	-4.0	-4.7
2009 Q2	-7.0	-48.0	-66.2	20.3	-2.7	16.4	-17.9		20.4	-25.1	-10.2	-29.2	-6.3	-17.9
2009 Q3	4.4	36.9	82.6	32.6	2.0	32.8	11.6		-3.5	18.4	5.0	22.2	2.3	11.6
2009 Q4	4.6	4.0	11.4	-4.2	-5.0	-1.2	2.5		-10.4	7.0	-3.3	4.8	3.2	2.5
2010 Q1	-2.9	41.3	48.6	-19.5	-6.0	-24.7	5.5		12.3	-0.4	-0.9	13.1	3.3	5.5
2010 Q2	-2.0	-45.2	-66.8	11.0	17.1	13.2	-12.2		4.6	-8.2	5.3	-29.6	-4.0	-12.2
2010 Q3	9.2	23.2	67.3	20.8	6.1	22.8	12.3		21.1	13.5	8.9	20.4	2.7	12.3
2010 Q4	8.1	1.8	3.7	-9.0	1.4	-11.8	4.5		35.7	10.0	1.5	-0.5	1.6	4.5
2011 Q1	-10.9	47.1	54.3	-18.9	-9.6	-16.6	0.6		-61.3	-3.2	-5.1	20.5	2.7	0.6
2011 Q2	-0.2	-50.1	-68.1	3.3	9.4	0.5	-13.3		19.0	-9.9	0.5	-28.5	-8.2	-13.3
2011 Q3	8.5	24.3	55.5	15.1	1.3	19.0	10.3		-9.7	15.4	3.3	18.6	5.4	10.3
2011 Q4	8.5	0.5	6.1	-0.9	2.4	-0.9	5.4		31.8	8.8	2.5	4.1	3.1	5.4
2012 Q1	-5.6	47.7	50.8	-4.7	-8.3	-8.2	3.2		-9.2	-2.9	-5.0	16.0	1.1	3.2
2012 Q2	-3.1	-43.4	-60.7	1.0	0.4	2.5	-12.6		4.5	-17.2	-4.6	-20.6	-5.2	-12.6
2012 Q3	4.6	4.6	57.0	10.8	-1.0	14.7	4.4		-7.1	6.8	1.1	7.8	2.7	4.4
2012 Q4	11.4	4.9	5.7	0.0	2.1	-1.4	8.0		26.3	13.0	2.3	7.1	6.5	8.0
2013 Q1	-11.2	44.8	53.4	-11.5	-7.5	-10.8	-1.5		-40.0	-0.5	-4.2	3.1	0.2	-1.5
2013 Q2	0.7	-42.7	-59.2	14.0	16.1	15.8	-6.6		34.2	-15.0	9.4	-13.8	-5.1	-6.6
2013 Q3	5.6	19.1	59.5	22.8	2.2	24.3	8.2		16.9	13.3	3.9	11.2	2.4	8.2
2013 Q4	6.5	6.5	7.5	7.9	2.4	5.8	5.7		13.0	8.2	2.8	5.4	5.1	5.7
2014 Q1	-9.4	60.4	60.2	-13.9	3.5	-14.4	4.0		-35.5	-4.7	6.8	13.8	2.8	4.0
2014 Q2	5.0	-50.9	-62.0	15.4	-0.7	14.7	-9.7		51.6	-2.4	-6.0	-22.1	-6.8	-9.7
2014 Q3	1.8	22.2	69.8	16.0	4.0	14.6	6.1		4.6	6.5	6.3	9.8	1.1	6.1
2014 Q4	6.2	3.4	9.9	-6.3	-1.5	-5.5	3.4		20.9	0.0	-0.9	4.8	5.7	3.4
2015 Q1	-3.3	46.3	66.4	-22.7	-6.1	-22.0	3.0		9.9	-5.5	-1.6	12.1	0.4	3.0
2015 Q2	0.1	-40.2	-64.4	13.5	13.6	12.9	-6.5		16.0	-8.4	5.5	-18.1	-2.7	-6.5
2015 Q3	3.6	11.4	64.6	22.4	-1.5	20.1	5.0		-11.1	11.2	0.8	11.6	-0.2	5.0
2015 Q4	-0.3	-0.4	0.7	0.0	1.3	1.7	0.2		-7.7	1.8	1.3	-1.5	2.1	0.2
2016 Q1	-7.3	40.9	79.3	-13.1	-6.2	-14.2	0.2		4.2	-5.5	-1.4	3.3	1.3	0.2
2016 Q2	4.6	-35.2	-63.4	6.6	7.9	7.2	-3.9		36.3	-4.3	0.6	-13.6	-3.1	-3.9
2016 Q3	1.1	22.6	70.9	8.0	1.6	7.4	5.0		-10.8	6.2	4.2	12.7	0.2	5.0

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset
Chained volume measure, not seasonally adjusted, percentage change
latest quarter on corresponding quarter of previous year

£ million (Reference Year 2013)

Sector									Asset					
Public corporations ²					Private sector									
Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets		Total	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total	
								Transport equipment		Dwellings ³				
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
2005 Q1	-12.3	22.7	0.2	-57.1	-2.5	-16.0	-3.6	-16.6	-18.9	-2.3	4.4	5.3	-3.6	
2005 Q2	63.3	-229.9	-6.3	-58.5	1.0	-18.6	4.9	-7.1	-3.6	0.5	5.2	10.4	4.9	
2005 Q3	9.4	4.8	11.3	-49.9	-3.5	-2.0	6.5	-4.2	8.7	-2.8	15.3	5.3	6.5	
2005 Q4	6.2	0.3	2.8	-36.3	-4.1	24.7	7.1	-1.6	1.3	-3.8	21.3	6.6	7.1	
2006 Q1	4.6	-9.9	22.9	3.1	-3.4	42.4	5.0	9.8	1.6	-1.1	11.8	1.8	5.0	
2006 Q2	-35.1	-171.1	-11.5	-13.2	-5.1	19.9	-1.7	-2.0	1.0	-5.4	9.0	-3.8	-1.7	
2006 Q3	6.0	-1.7	3.5	-23.0	-5.7	6.0	3.1	19.3	5.2	-5.1	5.6	1.5	3.1	
2006 Q4	10.2	3.2	-5.0	-24.4	-3.6	4.6	6.0	31.3	10.5	-3.8	9.0	2.2	6.0	
2007 Q1	11.9	2.9	-7.5	-23.4	-1.6	-4.5	5.4	-5.0	16.6	-2.3	4.9	6.0	5.4	
2007 Q2	12.5	1.0	-6.3	-1.7	-0.8	22.3	9.7	6.6	9.1	-1.0	19.0	7.2	9.7	
2007 Q3	2.9	-6.1	-13.0	-15.2	-1.2	6.0	1.4	-18.2	4.4	-2.1	3.4	3.5	1.4	
2007 Q4	10.0	13.1	-8.6	-22.7	-0.1	-3.7	6.6	-17.1	9.7	-0.7	12.0	6.3	6.6	
2008 Q1	1.4	15.9	-3.9	-30.0	-3.4	-31.5	-1.1	-31.2	-0.5	-3.4	-1.1	6.3	-1.1	
2008 Q2	3.0	17.7	-2.1	-39.9	-5.1	-41.0	-3.4	4.2	8.4	-4.9	-14.2	5.5	-3.4	
2008 Q3	2.1	23.0	-8.5	-54.2	-9.4	-54.9	-6.1	3.4	-1.7	-9.3	-13.6	5.4	-6.1	
2008 Q4	-9.7	10.2	-7.9	-66.2	-13.4	-66.9	-14.9	3.4	-13.3	-13.1	-25.5	0.5	-14.9	
2009 Q1	-12.2	9.0	-13.1	-87.7	-23.9	-68.8	-14.8	23.4	-17.9	-22.7	-16.6	-4.7	-14.8	
2009 Q2	-21.6	0.1	-5.3	-83.0	-25.5	-58.5	-22.4	-24.4	-33.8	-24.5	-23.4	-7.6	-22.4	
2009 Q3	-17.3	13.3	6.9	-72.4	-18.6	-32.7	-13.2	-8.3	-23.1	-17.2	-10.1	-5.8	-13.2	
2009 Q4	-12.7	1.5	12.6	-62.6	-20.5	-5.3	-10.5	-12.3	-16.7	-18.2	-5.6	-5.0	-10.5	
2010 Q1	-1.4	4.7	2.2	23.0	-11.4	15.0	-0.9	16.8	-5.4	-9.7	2.5	2.3	-0.9	
2010 Q2	3.9	10.3	0.4	13.5	6.6	11.9	6.0	1.5	15.9	5.9	2.0	4.8	6.0	
2010 Q3	8.8	-0.8	-8.1	3.4	11.0	3.5	6.7	27.4	11.1	9.8	0.5	5.1	6.7	
2010 Q4	12.4	-2.9	-14.5	-1.8	18.4	-7.7	8.7	93.1	14.2	15.3	-4.6	3.5	8.7	
2011 Q1	3.2	1.1	-11.2	-1.1	13.8	2.3	3.6	-33.5	11.0	10.4	1.7	2.8	3.6	
2011 Q2	5.0	-8.0	-14.7	-7.9	6.3	-9.2	2.2	-24.4	8.8	5.4	3.2	-1.7	2.2	
2011 Q3	4.3	-7.2	-20.7	-12.3	1.5	-11.9	0.4	-43.6	10.6	0.0	1.6	0.8	0.4	
2011 Q4	4.7	-8.4	-18.9	-4.5	2.5	-1.1	1.4	-45.2	9.4	1.0	6.3	2.4	1.4	
2012 Q1	10.9	-8.0	-20.7	12.2	4.0	8.8	4.0	28.7	9.7	1.0	2.4	0.8	4.0	
2012 Q2	7.7	4.4	-2.3	9.7	-4.6	11.0	4.8	13.1	0.9	-4.1	13.7	4.2	4.8	
2012 Q3	3.9	-12.1	-1.3	5.6	-6.8	7.0	-0.8	16.3	-6.6	-6.2	3.4	1.6	-0.8	
2012 Q4	6.7	-8.3	-1.6	6.6	-7.0	6.4	1.6	11.4	-3.0	-6.3	6.4	4.9	1.6	
2013 Q1	0.4	-10.1	0.1	-1.0	-6.2	3.4	-3.0	-26.4	-0.6	-5.5	-5.5	3.9	-3.0	
2013 Q2	4.3	-9.0	4.0	11.8	8.5	16.7	3.7	-5.6	2.1	8.4	2.7	4.1	3.7	
2013 Q3	5.3	3.6	5.6	23.9	12.0	26.5	7.4	18.8	8.2	11.5	5.9	3.7	7.4	
2013 Q4	0.6	5.3	7.3	33.6	12.4	35.8	5.2	6.3	3.6	12.0	4.2	2.3	5.2	
2014 Q1	2.7	16.7	12.1	30.0	25.8	30.3	11.0	14.4	-0.7	24.8	15.0	5.0	11.0	
2014 Q2	7.0	0.0	4.2	31.6	7.6	29.1	7.4	29.2	14.0	7.3	4.0	3.0	7.4	
2014 Q3	3.1	2.6	11.0	24.3	9.5	19.1	5.4	15.6	7.2	9.7	2.7	1.8	5.4	
2014 Q4	2.8	-0.4	13.5	7.9	5.3	6.3	3.1	23.7	-0.9	5.7	2.1	2.4	3.1	
2015 Q1	9.7	-9.2	17.9	-3.1	-4.6	-3.1	2.2	110.7	-1.7	-2.6	0.5	0.0	2.2	
2015 Q2	4.6	10.6	10.4	-4.7	9.2	-4.7	5.7	61.2	-7.7	9.3	5.6	4.4	5.7	
2015 Q3	6.5	0.8	7.1	0.6	3.5	-0.1	4.6	37.1	-3.7	3.7	7.4	3.0	4.6	
2015 Q4	0.0	-3.0	-1.9	7.4	6.5	7.5	1.3	4.6	-1.9	6.0	0.9	-0.4	1.3	
2016 Q1	-4.2	-6.5	5.7	20.6	6.4	18.3	-1.5	-0.8	-2.0	6.2	-7.0	0.5	-1.5	
2016 Q2	0.1	1.3	8.8	13.3	1.1	12.4	1.3	16.5	2.4	1.4	-1.8	0.0	1.3	
2016 Q3	-2.3	11.5	12.9	0.0	4.2	0.6	1.3	16.9	-2.2	4.7	-0.9	0.4	1.3	

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2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

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eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (Reference Year 2013)

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
2005	158 644	23 815	4 987	-5 063	67 829	38 831	287 077	11 652	54 791	72 885	92 781	55 187	287 077
2006	147 124	40 941	5 286	-4 260	64 799	45 124	296 121	13 203	57 379	70 100	100 980	55 418	296 121
2007	160 673	42 161	4 818	-3 554	64 193	46 931	312 995	12 071	63 033	69 019	110 504	58 599	312 995
2008	158 943	48 982	4 547	-1 853	59 187	24 004	292 575	11 542	61 524	63 754	95 257	61 156	292 575
2009	133 515	52 103	4 458	-394	46 044	12 671	248 099	10 470	47 521	50 505	81 947	57 636	248 099
2010	141 498	53 391	4 245	-425	48 784	13 215	260 396	13 971	51 461	53 023	81 990	59 868	260 396
2011	147 588	50 843	3 583	-396	51 540	12 493	265 327	8 641	56 581	55 116	84 561	60 530	265 327
2012	158 245	47 418	3 232	-429	49 588	13 512	271 534	10 079	56 624	52 940	89 630	62 250	271 534
2013	162 326	45 747	3 352	-505	52 904	16 400	280 224	9 928	58 469	56 386	91 034	64 407	280 224
2014	168 627	48 535	3 722	-617	58 967	19 638	298 872	12 025	61 071	62 874	96 532	66 370	298 872
2015	177 149	47 584	4 064	-619	61 131	19 663	308 972	17 444	58 806	65 394	99 836	67 492	308 972

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

	Sector								Asset					
	Public corporations ²					Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
2005	15.7	-39.9	2.2	-50.6	-2.3	-3.2	3.5	-7.7	-4.1	-2.1	11.5	6.9	3.5	
2006	-7.3	71.9	6.0	-15.9	-4.5	16.2	3.2	13.3	4.7	-3.8	8.8	0.4	3.2	
2007	9.2	3.0	-8.9	-16.6	-0.9	4.0	5.7	-8.6	9.9	-1.5	9.4	5.7	5.7	
2008	-1.1	16.2	-5.6	-47.9	-7.8	-48.9	-6.5	-4.4	-2.4	-7.6	-13.8	4.4	-6.5	
2009	-16.0	6.4	-2.0	-78.7	-22.2	-47.2	-15.2	-9.3	-22.8	-20.8	-14.0	-5.8	-15.2	
2010	6.0	2.5	-4.8	7.9	6.0	4.3	5.0	33.4	8.3	5.0	0.1	3.9	5.0	
2011	4.3	-4.8	-15.6	-6.8	5.6	-5.5	1.9	-38.2	9.9	3.9	3.1	1.1	1.9	
2012	7.2	-6.7	-9.8	8.3	-3.8	8.2	2.3	16.6	0.1	-3.9	6.0	2.8	2.3	
2013	2.6	-3.5	3.7	17.7	6.7	21.4	3.2	-1.5	3.3	6.5	1.6	3.5	3.2	
2014	3.9	6.1	11.0	22.2	11.5	19.7	6.7	21.1	4.5	11.5	6.0	3.0	6.7	
2015	5.1	-2.0	9.2	0.3	3.7	0.1	3.4	45.1	-3.7	4.0	3.4	1.7	3.4	

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Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level

£ million (Reference Year 2013)

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
				S.11001 AN.116		S.11001 AN.116		S.11001 AN.116	S.11001 AN.116		S.11001 AN.116		
SECTOR ⁶	S.1NG	S.13	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RP2G	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
2005 Q1	28 905	8 941	763	-1 071	11 907	7 519	56 964	2 618	10 851	12 700	18 964	11 831	56 964
2005 Q2	47 481	- 5 349	904	-943	12 156	7 108	61 357	2 906	13 861	13 063	19 154	12 373	61 357
2005 Q3	31 859	8 248	955	-1 084	12 283	8 500	60 761	2 799	11 674	13 245	20 814	12 229	60 761
2005 Q4	30 987	8 458	952	-1 128	12 284	9 284	60 837	2 590	11 193	13 242	21 350	12 462	60 837
2006 Q1	30 633	8 580	1 049	-1 049	12 460	10 357	62 030	2 867	11 145	13 511	22 368	12 139	62 030
2006 Q2	32 136	9 044	924	-855	12 466	8 836	62 551	2 666	12 393	13 389	21 864	12 239	62 551
2006 Q3	34 332	9 276	1 074	-822	12 349	9 020	65 229	3 335	12 983	13 429	22 852	12 630	65 229
2006 Q4	34 382	9 555	1 001	-863	12 466	9 805	66 346	3 374	12 659	13 469	24 012	12 832	66 346
2007 Q1	34 522	9 161	1 024	-828	12 998	10 405	67 282	2 760	13 201	14 019	24 258	13 044	67 282
2007 Q2	36 112	9 449	930	-836	13 000	10 885	69 540	2 906	12 893	13 931	26 501	13 309	69 540
2007 Q3	35 472	8 900	972	-712	12 855	9 715	67 202	2 814	13 042	13 829	24 204	13 313	67 202
2007 Q4	38 379	11 005	971	-686	13 196	9 434	72 299	2 765	13 438	14 170	27 922	14 004	72 299
2008 Q1	36 462	11 600	1 049	-624	13 605	7 670	69 762	2 003	13 433	14 661	25 216	14 449	69 762
2008 Q2	38 465	11 283	997	-459	13 220	6 130	69 636	3 180	14 107	14 221	23 562	14 566	69 636
2008 Q3	37 790	11 392	957	-326	12 568	4 398	66 779	3 037	13 613	13 528	22 164	14 437	66 779
2008 Q4	36 069	12 575	963	-245	12 387	3 226	64 975	2 974	12 787	13 351	21 458	14 405	64 975
2009 Q1	33 398	13 054	963	-73	11 133	2 461	60 936	2 503	12 367	12 093	20 214	13 759	60 936
2009 Q2	31 840	11 673	988	-91	10 452	2 893	57 755	2 571	11 223	11 486	19 021	13 454	57 755
2009 Q3	31 790	13 032	1 043	-102	10 571	3 234	59 568	2 857	11 470	11 575	20 109	13 557	59 568
2009 Q4	31 357	12 794	1 074	-104	9 888	3 315	58 324	2 344	11 189	10 959	20 236	13 596	58 324
2010 Q1	32 337	13 294	997	-99	9 998	2 981	59 508	2 784	11 496	10 988	20 221	14 019	59 508
2010 Q2	32 460	12 180	979	-103	11 047	3 246	59 809	2 633	12 247	12 028	18 489	14 412	59 809
2010 Q3	34 619	12 428	972	-104	11 780	3 338	63 033	3 739	12 707	12 755	19 335	14 497	63 033
2010 Q4	35 303	12 318	935	-100	11 813	3 068	63 337	4 512	12 944	12 745	18 680	14 456	63 337
2011 Q1	33 730	13 486	921	-97	11 600	3 090	62 730	1 797	13 102	12 527	20 444	14 860	62 730
2011 Q2	34 932	11 469	846	-97	11 887	3 003	62 040	2 162	13 614	12 733	18 930	14 601	62 040
2011 Q3	36 830	11 671	790	-95	12 143	3 011	64 350	2 157	14 466	12 934	19 784	15 009	64 350
2011 Q4	38 143	11 649	783	-99	12 495	3 140	66 111	2 643	14 740	13 263	20 372	15 093	66 111
2012 Q1	38 270	12 679	752	-111	12 591	3 447	67 628	2 374	14 804	13 327	21 909	15 214	67 628
2012 Q2	38 148	12 018	825	-106	11 770	3 355	66 010	2 462	14 001	12 645	21 651	15 251	66 010
2012 Q3	38 708	10 615	782	-102	11 718	3 274	64 995	2 446	13 636	12 542	21 121	15 250	64 995
2012 Q4	41 121	10 911	776	-108	12 042	3 386	68 128	2 853	14 170	12 857	22 414	15 834	68 128
2013 Q1	39 166	11 272	766	-121	12 222	3 792	67 097	1 707	14 756	12 994	21 612	16 028	67 097
2013 Q2	39 773	11 390	866	-113	13 132	3 794	68 842	2 309	13 982	14 057	22 573	15 921	68 842
2013 Q3	41 312	11 371	852	-128	13 566	4 190	71 163	2 906	14 859	14 442	22 909	16 047	71 163
2013 Q4	42 075	11 714	868	-143	13 984	4 624	73 122	3 006	14 872	14 893	23 940	16 411	73 122
2014 Q1	40 185	14 703	898	-148	15 906	4 764	76 308	1 861	14 436	16 857	26 248	16 906	76 308
2014 Q2	43 020	11 255	938	-159	14 592	5 095	74 741	2 790	15 481	15 571	24 343	16 556	74 741
2014 Q3	42 542	11 841	982	-160	15 198	5 005	75 408	3 159	15 518	16 231	24 044	16 456	75 408
2014 Q4	43 507	11 732	1 017	-154	15 040	4 896	76 038	3 512	14 600	16 102	24 944	16 880	76 038
2015 Q1	44 623	12 263	1 060	-142	15 591	4 531	77 926	4 359	14 566	16 709	25 386	16 906	77 926
2015 Q2	45 241	12 691	1 041	-154	16 153	4 918	79 890	4 258	14 999	17 244	26 097	17 292	79 890
2015 Q3	45 823	12 408	1 084	-161	15 865	5 047	80 066	4 265	15 451	16 996	26 446	16 908	80 066
2015 Q4	44 416	12 225	1 050	-165	16 230	5 260	79 016	3 676	14 623	17 333	26 471	16 913	79 016
2016 Q1	43 794	12 138	1 150	-175	16 568	5 553	79 028	4 179	14 535	17 769	25 466	17 079	79 028
2016 Q2	45 455	12 550	1 161	-169	16 596	5 278	80 871	4 805	15 421	17 810	25 446	17 389	80 871
2016 Q3	46 019	12 660	1 213	-162	16 797	5 098	81 625	4 637	15 650	18 061	25 831	17 446	81 625

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G10

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, percentage change latest quarter on previous quarter

£ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
								S.1	S.1					S.1
AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL									
KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
2005 Q1	1.7	6.2	-6.7	-37.4	1.1	3.6	3.6	-14.4	-4.2	0.7	14.2	4.2	3.6	
2005 Q2	64.3	-159.8	18.5	-12.0	2.1	-5.5	7.7	11.0	27.7	2.9	1.0	4.6	7.7	
2005 Q3	-32.9	-254.2	5.6	15.0	1.0	19.6	-1.0	-3.7	-15.8	1.4	8.7	-1.2	-1.0	
2005 Q4	-2.7	2.5	-0.3	4.1	0.0	9.2	0.1	-7.5	-4.1	0.0	2.6	1.9	0.1	
2006 Q1	-1.1	1.4	10.2	-7.0	1.4	11.6	2.0	10.7	-0.4	2.0	4.8	-2.6	2.0	
2006 Q2	4.9	5.4	-11.9	-18.5	0.0	-14.7	0.8	-7.0	11.2	-0.9	-2.3	0.8	0.8	
2006 Q3	6.8	2.6	16.2	-3.9	-0.9	2.1	4.3	25.1	4.8	0.3	4.5	3.2	4.3	
2006 Q4	0.1	3.0	-6.8	5.0	0.9	8.7	1.7	1.2	-2.5	0.3	5.1	1.6	1.7	
2007 Q1	0.4	-4.1	2.3	-4.1	4.3	6.1	1.4	-18.2	4.3	4.1	1.0	1.7	1.4	
2007 Q2	4.6	3.1	-9.2	1.0	0.0	4.6	3.4	5.3	-2.3	-0.6	9.2	2.0	3.4	
2007 Q3	-1.8	-5.8	4.5	-14.8	-1.1	-10.7	-3.4	-3.2	1.2	-0.7	-8.7	0.0	-3.4	
2007 Q4	8.2	23.7	-0.1	-3.7	2.7	-2.9	7.6	-1.7	3.0	2.5	15.4	5.2	7.6	
2008 Q1	-5.0	5.4	8.0	-9.0	3.1	-18.7	-3.5	-27.6	0.0	3.5	-9.7	3.2	-3.5	
2008 Q2	5.5	-2.7	-5.0	-26.4	-2.8	-20.1	-0.2	58.8	5.0	-3.0	-6.6	0.8	-0.2	
2008 Q3	-1.8	1.0	-4.0	-29.0	-4.9	-28.3	-4.1	-4.5	-3.5	-4.9	-5.9	-0.9	-4.1	
2008 Q4	-4.6	10.4	0.6	-24.8	-1.4	-26.6	-2.7	-2.1	-6.1	-1.3	-3.2	-0.2	-2.7	
2009 Q1	-7.4	3.8	0.0	-70.2	-10.1	-23.7	-6.2	-15.8	-3.3	-9.4	-5.8	-4.5	-6.2	
2009 Q2	-4.7	-10.6	2.6	24.7	-6.1	17.6	-5.2	2.7	-9.3	-5.0	-5.9	-2.2	-5.2	
2009 Q3	-0.2	11.6	5.6	12.1	1.1	11.8	3.1	11.1	2.2	0.8	5.7	0.8	3.1	
2009 Q4	-1.4	-1.8	3.0	2.0	-6.5	2.5	-2.1	-18.0	-2.4	-5.3	0.6	0.3	-2.1	
2010 Q1	3.1	3.9	-7.2	-4.8	1.1	-10.1	2.0	18.8	2.7	0.3	-0.1	3.1	2.0	
2010 Q2	0.4	-8.4	-1.8	4.0	10.5	8.9	0.5	-5.4	6.5	9.5	-8.6	2.8	0.5	
2010 Q3	6.7	2.0	-0.7	1.0	6.6	2.8	5.4	42.0	3.8	6.0	4.6	0.6	5.4	
2010 Q4	2.0	-0.9	-3.8	-3.8	0.3	-8.1	0.5	20.7	1.9	-0.1	-3.4	-0.3	0.5	
2011 Q1	-4.5	9.5	-1.5	-3.0	-1.8	0.7	-1.0	-60.2	1.2	-1.7	9.4	2.8	-1.0	
2011 Q2	3.6	-15.0	-8.1	0.0	2.5	-2.8	-1.1	20.3	3.9	1.6	-7.4	-1.7	-1.1	
2011 Q3	5.4	1.8	-6.6	-2.1	2.2	0.3	3.7	-0.2	6.3	1.6	4.5	2.8	3.7	
2011 Q4	3.6	-0.2	-0.9	4.2	2.9	4.3	2.7	22.5	1.9	2.5	3.0	0.6	2.7	
2012 Q1	0.3	8.8	-4.0	12.1	0.8	9.8	2.3	-10.2	0.4	0.5	7.5	0.8	2.3	
2012 Q2	-0.3	-5.2	9.7	-4.5	-6.5	-2.7	-2.4	3.7	-5.4	-5.1	-1.2	0.2	-2.4	
2012 Q3	1.5	-11.7	-5.2	-3.8	-0.4	-2.4	-1.5	-0.6	-2.6	-0.8	-2.4	0.0	-1.5	
2012 Q4	6.2	2.8	-0.8	5.9	2.8	3.4	4.8	16.6	3.9	2.5	6.1	3.8	4.8	
2013 Q1	-4.8	3.3	-1.3	12.0	1.5	12.0	-1.5	-40.2	4.1	1.1	-3.6	1.2	-1.5	
2013 Q2	1.5	1.0	13.1	-6.6	7.4	0.1	2.6	35.3	-5.2	8.2	4.4	-0.7	2.6	
2013 Q3	3.9	-0.2	-1.6	13.3	3.3	10.4	3.4	25.9	6.3	2.7	1.5	0.8	3.4	
2013 Q4	1.8	3.0	1.9	11.7	3.1	10.4	2.8	3.4	0.1	3.1	4.5	2.3	2.8	
2014 Q1	-4.5	25.5	3.5	3.5	13.7	3.0	4.4	-38.1	-2.9	13.2	9.6	3.0	4.4	
2014 Q2	7.1	-23.5	4.5	7.4	-8.3	6.9	-2.1	49.9	7.2	-7.6	-7.3	-2.1	-2.1	
2014 Q3	-1.1	5.2	4.7	0.6	4.2	-1.8	0.9	13.2	0.2	4.2	-1.2	-0.6	0.9	
2014 Q4	2.3	-0.9	3.6	-3.8	-1.0	-2.2	0.8	11.2	-5.9	-0.8	3.7	2.6	0.8	
2015 Q1	2.6	4.5	4.2	-7.8	3.7	-7.5	2.5	24.1	-0.2	3.8	1.8	0.2	2.5	
2015 Q2	1.4	3.5	-1.8	8.5	3.6	8.5	2.5	-2.3	3.0	3.2	2.8	2.3	2.5	
2015 Q3	1.3	-2.2	4.1	4.5	-1.8	2.6	0.2	0.2	3.0	-1.4	1.3	-2.2	0.2	
2015 Q4	-3.1	-1.5	-3.1	2.5	2.3	4.2	-1.3	-13.8	-5.4	2.0	0.1	0.0	-1.3	
2016 Q1	-1.4	-0.7	9.5	6.1	2.1	5.6	0.0	13.7	-0.6	2.5	-3.8	1.0	0.0	
2016 Q2	3.8	3.4	1.0	-3.4	0.2	-5.0	2.3	15.0	6.1	0.2	-0.1	1.8	2.3	
2016 Q3	1.2	0.9	4.5	-4.1	1.2	-3.4	0.9	-3.5	1.5	1.4	1.5	0.3	0.9	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G11

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, percentage change latest quarter on corresponding quarter of previous year

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76	
2005 Q1	-12.4	22.6	2.6	-51.2	4.0	-8.1	-2.6	-15.0	-25.4	3.8	8.9	5.7	-2.6	
2005 Q2	64.3	-161.8	2.8	-59.4	8.7	-18.9	9.5	-2.9	13.4	8.1	8.3	11.7	9.5	
2005 Q3	11.1	10.1	20.3	-47.7	5.7	2.2	10.8	1.7	3.1	6.5	22.4	8.1	10.8	
2005 Q4	9.1	0.5	16.4	-34.1	4.3	28.0	10.7	-15.3	-1.2	5.0	28.6	9.7	10.7	
2006 Q1	6.0	-4.0	37.5	-2.1	4.6	37.7	8.9	9.5	2.7	6.4	17.9	2.6	8.9	
2006 Q2	-32.3	-269.1	2.2	-9.3	2.6	24.3	1.9	-8.3	-10.6	2.5	14.1	-1.1	1.9	
2006 Q3	7.8	12.5	12.5	-24.2	0.5	6.1	7.4	19.1	11.2	1.4	9.8	3.3	7.4	
2006 Q4	11.0	13.0	5.1	-23.5	1.5	5.6	9.1	30.3	13.1	1.7	12.5	3.0	9.1	
2007 Q1	12.7	6.8	-2.4	-21.1	4.3	0.5	8.5	-3.7	18.4	3.8	8.4	7.5	8.5	
2007 Q2	12.4	4.5	0.6	-2.2	4.3	23.2	11.2	9.0	4.0	4.0	21.2	8.7	11.2	
2007 Q3	3.3	-4.1	-9.5	-13.4	4.1	7.7	3.0	-15.6	0.5	3.0	5.9	5.4	3.0	
2007 Q4	11.6	15.2	-3.0	-20.5	5.9	-3.8	9.0	-18.0	6.2	5.2	16.3	9.1	9.0	
2008 Q1	5.6	26.6	2.4	-24.6	4.7	-26.3	3.7	-27.4	1.8	4.6	3.9	10.8	3.7	
2008 Q2	6.5	19.4	7.2	-45.1	1.7	-43.7	0.1	9.4	9.4	2.1	-11.1	9.4	0.1	
2008 Q3	6.5	28.0	-1.5	-54.2	-2.2	-54.7	-0.6	7.9	4.4	-2.2	-8.4	8.4	-0.6	
2008 Q4	-6.0	14.3	-0.8	-64.3	-6.1	-65.8	-10.1	7.6	-4.8	-5.8	-23.2	2.9	-10.1	
2009 Q1	-8.4	12.5	-8.2	-88.3	-18.2	-67.9	-12.7	25.0	-7.9	-17.5	-19.8	-4.8	-12.7	
2009 Q2	-17.2	3.5	-0.9	-80.2	-20.9	-52.8	-17.1	-19.2	-20.4	-19.2	-19.3	-7.6	-17.1	
2009 Q3	-15.9	14.4	9.0	-68.7	-15.9	-26.5	-10.8	-5.9	-15.7	-14.4	-9.3	-6.1	-10.8	
2009 Q4	-13.1	1.7	11.5	-57.6	-20.2	2.8	-10.2	-21.2	-12.5	-17.9	-5.7	-5.6	-10.2	
2010 Q1	-3.2	1.8	3.5	35.6	-10.2	21.1	-2.3	11.2	-7.0	-9.1	0.0	1.9	-2.3	
2010 Q2	1.9	4.3	-0.9	13.2	5.7	12.2	3.6	2.4	9.1	4.7	-2.8	7.1	3.6	
2010 Q3	8.9	-4.6	-6.8	2.0	11.4	3.2	5.8	30.9	10.8	10.2	-3.8	6.9	5.8	
2010 Q4	12.6	-3.7	-12.9	-3.8	19.5	-7.5	8.6	92.5	15.7	16.3	-7.7	6.3	8.6	
2011 Q1	4.3	1.4	-7.6	-2.0	16.0	3.7	5.4	-35.5	14.0	14.0	1.1	6.0	5.4	
2011 Q2	7.6	-5.8	-13.6	-5.8	7.6	-7.5	3.7	-17.9	11.2	5.9	2.4	1.3	3.7	
2011 Q3	6.4	-6.1	-18.7	-8.7	3.1	-9.8	2.1	-42.3	13.8	1.4	2.3	3.5	2.1	
2011 Q4	8.0	-5.4	-16.3	-1.0	5.8	2.3	4.4	-41.4	13.9	4.1	9.1	4.4	4.4	
2012 Q1	13.5	-6.0	-18.3	14.4	8.5	11.6	7.8	32.1	13.0	6.4	7.2	2.4	7.8	
2012 Q2	9.2	4.8	-2.5	9.3	-1.0	11.7	6.4	13.9	2.8	-0.7	14.4	4.5	6.4	
2012 Q3	5.1	-9.0	-1.0	7.4	-3.5	8.7	1.0	13.4	-5.7	-3.0	6.8	1.6	1.0	
2012 Q4	7.8	-6.3	-0.9	9.1	-3.6	7.8	3.1	7.9	-3.9	-3.1	10.0	4.9	3.1	
2013 Q1	2.3	-11.1	1.9	9.0	-2.9	10.0	-0.8	-28.1	-0.3	-2.5	-1.4	5.4	-0.8	
2013 Q2	4.3	-5.2	5.0	6.6	11.6	13.1	4.3	-6.2	-0.1	11.2	4.3	4.4	4.3	
2013 Q3	6.7	7.1	9.0	25.5	15.8	28.0	9.5	18.8	9.0	15.1	8.5	5.2	9.5	
2013 Q4	2.3	7.4	11.9	32.4	16.1	36.6	7.3	5.4	5.0	15.8	6.8	3.6	7.3	
2014 Q1	2.6	30.4	17.2	22.3	30.1	25.6	13.7	9.0	-2.2	29.7	21.5	5.5	13.7	
2014 Q2	8.2	-1.2	8.3	40.7	11.1	34.3	8.6	20.8	10.7	10.8	7.8	4.0	8.6	
2014 Q3	3.0	4.1	15.3	25.0	12.0	19.5	6.0	8.7	4.4	12.4	5.0	2.5	6.0	
2014 Q4	3.4	0.2	17.2	7.7	7.6	5.9	4.0	16.8	-1.8	8.1	4.2	2.9	4.0	
2015 Q1	11.0	-16.6	18.0	-4.1	-2.0	-4.9	2.1	134.2	0.9	-0.9	-3.3	0.0	2.1	
2015 Q2	5.2	12.8	11.0	-3.1	10.7	-3.5	6.9	52.6	-3.1	10.7	7.2	4.4	6.9	
2015 Q3	7.7	4.8	10.4	0.6	4.4	0.8	6.2	35.0	-0.4	4.7	10.0	2.7	6.2	
2015 Q4	2.1	4.2	3.2	7.1	7.9	7.4	3.9	4.7	0.2	7.6	6.1	0.2	3.9	
2016 Q1	-1.9	-1.0	8.5	23.2	6.3	22.6	1.4	-4.1	-0.2	6.3	0.3	1.0	1.4	
2016 Q2	0.5	-1.1	11.5	9.7	2.7	7.3	1.2	12.8	2.8	3.3	-2.5	0.6	1.2	
2016 Q3	0.4	2.0	11.9	0.6	5.9	1.0	1.9	8.7	1.3	6.3	-2.3	3.2	1.9	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G12

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million (Reference Year 2013)

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
2005	139 232	20 298	3 574	-4 226	48 630	32 411	239 919	10 913	47 579	52 250	80 282	48 895	239 919
2006	131 483	36 455	4 048	-3 589	49 741	38 018	256 156	12 242	49 180	53 798	91 096	49 840	256 156
2007	144 485	38 515	3 897	-3 062	52 049	40 439	276 323	11 245	52 574	55 949	102 885	53 670	276 323
2008	148 786	46 850	3 966	-1 654	51 780	21 424	271 152	11 194	53 940	55 761	92 400	57 857	271 152
2009	128 385	50 553	4 068	-370	42 044	11 903	236 583	10 275	46 249	46 113	79 580	54 366	236 583
2010	134 719	50 220	3 883	-406	44 638	12 633	245 687	13 668	49 394	48 516	76 725	57 384	245 687
2011	143 635	48 275	3 340	-388	48 125	12 244	255 231	8 759	55 922	51 457	79 530	59 563	255 231
2012	156 247	46 223	3 135	-427	48 121	13 462	266 761	10 135	56 611	51 371	87 095	61 549	266 761
2013	162 326	45 747	3 352	-505	52 904	16 400	280 224	9 928	58 469	56 386	91 034	64 407	280 224
2014	169 254	49 531	3 835	-621	60 736	19 760	302 495	11 322	60 035	64 761	99 579	66 798	302 495
2015	180 103	49 587	4 235	-622	63 839	19 756	316 898	16 558	59 639	68 282	104 400	68 019	316 898

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O
2005	17.0	-36.3	10.5	-49.1	5.7	-0.3	7.0	-8.2	-3.7	5.8	16.9	8.8	7.0
2006	-5.6	79.6	13.3	-15.1	2.3	17.3	6.8	12.2	3.4	3.0	13.5	1.9	6.8
2007	9.9	5.7	-3.7	-14.7	4.6	6.4	7.9	-8.1	6.9	4.0	12.9	7.7	7.9
2008	3.0	21.6	1.8	-46.0	-0.5	-47.0	-1.9	-0.5	2.6	-0.3	-10.2	7.8	-1.9
2009	-13.7	7.9	2.6	-77.6	-18.8	-44.4	-12.7	-8.2	-14.3	-17.3	-13.9	-6.0	-12.7
2010	4.9	-0.7	-4.5	9.7	6.2	6.1	3.8	33.0	6.8	5.2	-3.6	5.6	3.8
2011	6.6	-3.9	-14.0	-4.4	7.8	-3.1	3.9	-35.9	13.2	6.1	3.7	3.8	3.9
2012	8.8	-4.3	-6.1	10.1	0.0	9.9	4.5	15.7	1.2	-0.2	9.5	3.3	4.5
2013	3.9	-1.0	6.9	18.3	9.9	21.8	5.0	-2.0	3.3	9.8	4.5	4.6	5.0
2014	4.3	8.3	14.4	23.0	14.8	20.5	7.9	14.0	2.7	14.9	9.4	3.7	7.9
2015	6.4	0.1	10.4	0.2	5.1	0.0	4.8	46.2	-0.7	5.4	4.8	1.8	4.8

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G13

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	NPEM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DXLP	NPQX	
2005 Q1	28 389	12 277	1 237	-897	11 721	6 886	59 613	2 553	11 671	12 989	20 549	11 851	59 613	
2005 Q2	47 048	- 8 916	525	-851	12 199	6 534	56 539	3 254	11 529	12 727	16 797	12 232	56 539	
2005 Q3	31 615	8 287	860	-1 197	12 337	9 184	61 086	2 774	12 002	13 204	20 981	12 125	61 086	
2005 Q4	32 180	8 650	952	-1 281	12 373	9 807	62 681	2 332	12 377	13 330	21 955	12 687	62 681	
2006 Q1	30 401	11 873	1 643	-930	12 240	9 861	65 088	2 727	12 035	13 885	24 161	12 280	65 088	
2006 Q2	31 318	6 827	503	-740	12 526	7 850	58 284	3 160	11 008	13 027	19 113	11 976	58 284	
2006 Q3	34 147	8 535	947	-930	12 384	9 832	64 915	3 302	12 746	13 337	23 023	12 507	64 915	
2006 Q4	35 617	9 220	955	-989	12 591	10 475	67 869	3 053	13 391	13 549	24 799	13 077	67 869	
2007 Q1	34 173	12 453	1 601	-737	12 687	9 738	69 915	2 610	13 660	14 285	26 148	13 212	69 915	
2007 Q2	35 292	7 002	497	-741	13 077	9 784	64 911	3 392	11 563	13 575	23 382	12 999	64 911	
2007 Q3	35 263	8 223	869	-808	12 900	10 678	67 125	2 709	12 923	13 771	24 536	13 186	67 125	
2007 Q4	39 757	10 837	930	-776	13 385	10 239	74 372	2 534	14 428	14 318	28 819	14 273	74 372	
2008 Q1	35 648	15 198	1 653	-528	13 161	6 830	71 962	1 802	13 601	14 822	27 163	14 574	71 962	
2008 Q2	37 745	8 693	522	-462	13 335	5 991	65 824	3 642	13 010	13 862	21 036	14 274	65 824	
2008 Q3	37 650	10 612	860	-385	12 657	5 003	66 397	2 911	13 567	13 518	22 084	14 317	66 397	
2008 Q4	37 743	12 347	931	-279	12 627	3 600	66 969	2 839	13 762	13 559	22 117	14 692	66 969	
2009 Q1	33 037	17 060	1 532	-69	10 682	2 248	64 490	2 414	12 883	12 212	22 976	14 005	64 490	
2009 Q2	30 713	8 954	526	-83	10 564	2 641	53 315	2 856	9 976	11 135	16 283	13 065	53 315	
2009 Q3	31 702	12 125	953	-111	10 685	3 522	58 876	2 664	11 412	11 599	19 756	13 445	58 876	
2009 Q4	32 933	12 414	1 057	-107	10 113	3 492	59 902	2 341	11 978	11 167	20 565	13 851	59 902	
2010 Q1	31 894	17 345	1 567	-87	9 479	2 648	62 846	2 682	11 951	11 039	22 845	14 329	62 846	
2010 Q2	31 373	9 494	523	-96	11 157	3 004	55 455	2 859	11 006	11 682	15 968	13 940	55 455	
2010 Q3	34 294	11 622	880	-117	11 918	3 716	62 313	3 434	12 614	12 801	19 074	14 390	62 313	
2010 Q4	37 158	11 759	913	-106	12 084	3 265	65 073	4 693	13 823	12 994	18 838	14 725	65 073	
2011 Q1	33 399	17 428	1 409	-87	10 926	2 759	65 834	1 838	13 599	12 340	22 835	15 222	65 834	
2011 Q2	33 564	8 769	453	-91	12 047	2 800	57 542	2 224	12 248	12 501	16 472	14 097	57 542	
2011 Q3	36 664	10 984	712	-106	12 338	3 363	63 955	2 025	14 334	13 051	19 661	14 884	63 955	
2011 Q4	40 008	11 094	766	-104	12 814	3 322	67 900	2 672	15 741	13 565	20 562	15 360	67 900	
2012 Q1	37 826	16 529	1 164	-100	11 834	3 081	70 334	2 419	15 254	12 982	24 142	15 537	70 334	
2012 Q2	36 845	9 387	462	-101	12 012	3 154	61 759	2 533	12 686	12 524	19 286	14 730	61 759	
2012 Q3	38 582	9 893	730	-113	11 953	3 651	64 696	2 281	13 533	12 725	21 021	15 136	64 696	
2012 Q4	42 994	10 414	779	-113	12 322	3 576	69 972	2 902	15 138	13 140	22 646	16 146	69 972	
2013 Q1	38 212	15 154	1 203	-100	11 465	3 205	69 139	1 776	14 969	12 673	23 506	16 215	69 139	
2013 Q2	38 922	8 786	494	-114	13 387	3 707	65 182	2 385	12 959	13 940	20 398	15 500	65 182	
2013 Q3	41 234	10 528	794	-140	13 800	4 611	70 827	2 720	14 729	14 619	22 838	15 921	70 827	
2013 Q4	43 958	11 279	861	-151	14 252	4 877	75 076	3 047	15 812	15 154	24 292	16 771	75 076	
2014 Q1	39 791	18 217	1 396	-131	14 939	4 204	78 416	1 970	14 820	16 388	28 023	17 215	78 416	
2014 Q2	41 650	8 960	534	-151	14 954	4 815	70 762	2 850	14 338	15 530	22 001	16 043	70 762	
2014 Q3	42 400	10 957	906	-175	15 514	5 529	75 131	2 950	15 309	16 470	24 106	16 296	75 131	
2014 Q4	45 413	11 397	999	-164	15 329	5 212	78 186	3 552	15 568	16 373	25 449	17 244	78 186	
2015 Q1	44 656	16 923	1 660	-127	14 492	4 075	81 679	4 220	15 167	16 211	28 854	17 227	81 679	
2015 Q2	44 015	10 123	593	-144	16 421	4 599	75 607	4 497	13 913	17 063	23 370	16 764	75 607	
2015 Q3	45 334	11 258	985	-176	16 318	5 515	79 234	4 037	15 163	17 351	25 932	16 751	79 234	
2015 Q4	46 098	11 283	997	-175	16 608	5 567	80 378	3 804	15 396	17 657	26 244	17 277	80 378	
2016 Q1	42 641	16 038	1 784	-152	15 545	4 785	80 641	3 739	14 696	17 382	27 257	17 567	80 641	
2016 Q2	44 877	10 445	655	-162	16 857	5 122	77 794	5 145	14 549	17 567	23 525	17 008	77 794	
2016 Q3	45 591	12 862	1 127	-175	17 227	5 512	82 144	4 488	15 470	18 407	26 586	17 193	82 144	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G14

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, percentage change
latest quarter on previous quarter

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
2005 Q1	-4.0	53.1	45.5	-54.2	-1.0	-10.1	6.4	5.6	-4.5	2.2	20.4	2.3	6.4	
2005 Q2	65.7	-172.6	-57.6	-5.1	4.1	-5.1	-5.2	27.5	-1.2	-2.0	-18.3	3.2	-5.2	
2005 Q3	-32.8	-192.9	63.8	40.7	1.1	40.6	8.0	-14.8	4.1	3.7	24.9	-0.9	8.0	
2005 Q4	1.8	4.4	10.7	7.0	0.3	6.8	2.6	-15.9	3.1	1.0	4.6	4.6	2.6	
2006 Q1	-5.5	37.3	72.6	-27.4	-1.1	0.6	3.8	16.9	-2.8	4.2	10.0	-3.2	3.8	
2006 Q2	3.0	-42.5	-69.4	-20.4	2.3	-20.4	-10.5	15.9	-8.5	-6.2	-20.9	-2.5	-10.5	
2006 Q3	9.0	25.0	88.3	25.7	-1.1	25.2	11.4	4.5	15.8	2.4	20.5	4.4	11.4	
2006 Q4	4.3	8.0	0.8	6.3	1.7	6.5	4.6	-7.5	5.1	1.6	7.7	4.6	4.6	
2007 Q1	-4.1	35.1	67.6	-25.5	0.8	-7.0	3.0	-14.5	2.0	5.4	5.4	1.0	3.0	
2007 Q2	3.3	-43.8	-69.0	0.5	3.1	0.5	-7.2	30.0	-15.4	-5.0	-10.6	-1.6	-7.2	
2007 Q3	-0.1	17.4	74.8	9.0	-1.4	9.1	3.4	-20.1	11.8	1.4	4.9	1.4	3.4	
2007 Q4	12.7	31.8	7.0	-4.0	3.8	-4.1	10.8	-6.5	11.6	4.0	17.5	8.2	10.8	
2008 Q1	-10.3	40.2	77.7	-32.0	-1.7	-33.3	-3.2	-28.9	-5.7	3.5	-5.7	2.1	-3.2	
2008 Q2	5.9	-42.8	-68.4	-12.5	1.3	-12.3	-8.5	102.1	-4.3	-6.5	-22.6	-2.1	-8.5	
2008 Q3	-0.3	22.1	64.8	-16.7	-5.1	-16.5	0.9	-20.1	4.3	-2.5	5.0	0.3	0.9	
2008 Q4	0.2	16.3	8.3	-27.5	-0.2	-28.0	0.9	-2.5	1.4	0.3	0.1	2.6	0.9	
2009 Q1	-12.5	38.2	64.6	-75.3	-15.4	-37.6	-3.7	-15.0	-6.4	-9.9	3.9	-4.7	-3.7	
2009 Q2	-7.0	-47.5	-65.7	20.3	-1.1	17.5	-17.3	18.3	-22.6	-8.8	-29.1	-6.7	-17.3	
2009 Q3	3.2	35.4	81.2	33.7	1.1	33.4	10.4	-6.7	14.4	4.2	21.3	2.9	10.4	
2009 Q4	3.9	2.4	10.9	-3.6	-5.4	-0.9	1.7	-12.1	5.0	-3.7	4.1	3.0	1.7	
2010 Q1	-3.2	39.7	48.2	-18.7	-6.3	-24.2	4.9	14.6	-0.2	-1.1	11.1	3.5	4.9	
2010 Q2	-1.6	-45.3	-66.6	10.3	17.7	13.4	-11.8	6.6	-7.9	5.8	-30.1	-2.7	-11.8	
2010 Q3	9.3	22.4	68.3	21.9	6.8	23.7	12.4	20.1	14.6	9.6	19.5	3.2	12.4	
2010 Q4	8.4	1.2	3.8	-9.4	1.4	-12.1	4.4	36.7	9.6	1.5	-1.2	2.3	4.4	
2011 Q1	-10.1	48.2	54.3	-17.9	-9.6	-15.5	1.2	-60.8	-1.6	-5.0	21.2	3.4	1.2	
2011 Q2	0.5	-49.7	-67.8	4.6	10.3	1.5	-12.6	21.0	-9.9	1.3	-27.9	-7.4	-12.6	
2011 Q3	9.2	25.3	57.2	16.5	2.4	20.1	11.1	-8.9	17.0	4.4	19.4	5.6	11.1	
2011 Q4	9.1	1.0	7.6	-1.9	3.9	-1.2	6.2	32.0	9.8	3.9	4.6	3.2	6.2	
2012 Q1	-5.5	49.0	52.0	-3.8	-7.6	-7.3	3.6	-9.5	-3.1	-4.3	17.4	1.2	3.6	
2012 Q2	-2.6	-43.2	-60.3	1.0	1.5	2.4	-12.2	4.7	-16.8	-3.5	-20.1	-5.2	-12.2	
2012 Q3	4.7	5.4	58.0	11.9	-0.5	15.8	4.8	-9.9	6.7	1.6	9.0	2.8	4.8	
2012 Q4	11.4	5.3	6.7	0.0	3.1	-2.1	8.2	27.2	11.9	3.3	7.7	6.7	8.2	
2013 Q1	-11.1	45.5	54.4	-11.5	-7.0	-10.4	-1.2	-38.8	-1.1	-3.6	3.8	0.4	-1.2	
2013 Q2	1.9	-42.0	-58.9	14.0	16.8	15.7	-5.7	34.3	-13.4	10.0	-13.2	-4.4	-5.7	
2013 Q3	5.9	19.8	60.7	22.8	3.1	24.4	8.7	14.0	13.7	4.9	12.0	2.7	8.7	
2013 Q4	6.6	7.1	8.4	7.9	3.3	5.8	6.0	12.0	7.4	3.7	6.4	5.3	6.0	
2014 Q1	-9.5	61.5	62.1	-13.2	4.8	-13.8	4.4	-35.3	-6.3	8.1	15.4	2.6	4.4	
2014 Q2	4.7	-50.8	-61.7	15.3	0.1	14.5	-9.8	44.7	-3.3	-5.2	-21.5	-6.8	-9.8	
2014 Q3	1.8	22.3	69.7	15.9	3.7	14.8	6.2	3.5	6.8	6.1	9.6	1.6	6.2	
2014 Q4	7.1	4.0	10.3	-6.3	-1.2	-5.7	4.1	20.4	1.7	-0.6	5.6	5.8	4.1	
2015 Q1	-1.7	48.5	66.2	-22.6	-5.5	-21.8	4.5	18.8	-2.6	-1.0	13.4	-0.1	4.5	
2015 Q2	-1.4	-40.2	-64.3	13.4	13.3	12.9	-7.4	6.6	-8.3	5.3	-19.0	-2.7	-7.4	
2015 Q3	3.0	11.2	66.1	22.2	-0.6	19.9	4.8	-10.2	9.0	1.7	11.0	-0.1	4.8	
2015 Q4	1.7	0.2	1.2	-0.6	1.8	0.9	1.4	-5.8	1.5	1.8	1.2	3.1	1.4	
2016 Q1	-7.5	42.1	78.9	-13.1	-6.4	-14.0	0.3	-1.7	-4.5	-1.6	3.9	1.7	0.3	
2016 Q2	5.2	-34.9	-63.3	6.6	8.4	7.0	-3.5	37.6	-1.0	1.1	-13.7	-3.2	-3.5	
2016 Q3	1.6	23.1	72.1	8.0	2.2	7.6	5.6	-12.8	6.3	4.8	13.0	1.1	5.6	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G15

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, percentage change
latest quarter on corresponding quarter of previous year

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
								Transport equipment						
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
2005 Q1	-13.0	25.5	6.9	-55.7	4.1	-13.3	-1.8	-16.2	-21.5	4.2	7.5	5.6	-1.8	
2005 Q2	65.9	-234.2	1.0	-57.2	8.9	-16.0	7.7	-7.1	3.9	8.3	10.0	12.3	7.7	
2005 Q3	11.3	11.8	21.5	-48.7	5.3	0.5	11.0	-4.9	7.0	6.1	21.7	7.9	11.0	
2005 Q4	8.8	7.9	12.0	-34.6	4.5	28.0	11.9	-3.6	1.2	4.8	28.7	9.6	11.9	
2006 Q1	7.1	-3.3	32.8	3.7	4.4	43.2	9.2	6.8	3.1	6.9	17.6	3.6	9.2	
2006 Q2	-33.4	-176.6	-4.2	-13.0	2.7	20.1	3.1	-2.9	-4.5	2.4	13.8	-2.1	3.1	
2006 Q3	8.0	3.0	10.1	-22.3	0.4	7.1	6.3	19.0	6.2	1.0	9.7	3.2	6.3	
2006 Q4	10.7	6.6	0.3	-22.8	1.8	6.8	8.3	30.9	8.2	1.6	13.0	3.1	8.3	
2007 Q1	12.4	4.9	-2.6	-20.8	3.7	-1.2	7.4	-4.3	13.5	2.9	8.2	7.6	7.4	
2007 Q2	12.7	2.6	-1.2	0.1	4.4	24.6	11.4	7.3	5.0	4.2	22.3	8.5	11.4	
2007 Q3	3.3	-3.7	-8.2	-13.1	4.2	8.6	3.4	-18.0	1.4	3.3	6.6	5.4	3.4	
2007 Q4	11.6	17.5	-2.6	-21.5	6.3	-2.3	9.6	-17.0	7.7	5.7	16.2	9.1	9.6	
2008 Q1	4.3	22.0	3.2	-28.4	3.7	-29.9	2.9	-31.0	-0.4	3.8	3.9	10.3	2.9	
2008 Q2	7.0	24.2	5.0	-37.7	2.0	-38.8	1.4	7.4	12.5	2.1	-10.0	9.8	1.4	
2008 Q3	6.8	29.1	-1.0	-52.4	-1.9	-53.1	-1.1	7.5	5.0	-1.8	-10.0	8.6	-1.1	
2008 Q4	-5.1	13.9	0.1	-64.0	-5.7	-64.8	-10.0	12.0	-4.6	-5.3	-23.3	2.9	-10.0	
2009 Q1	-7.3	12.3	-7.3	-86.9	-18.8	-67.1	-10.4	34.0	-5.3	-17.6	-15.4	-3.9	-10.4	
2009 Q2	-18.6	3.0	0.8	-82.0	-20.8	-55.9	-19.0	-21.6	-23.3	-19.7	-22.6	-8.5	-19.0	
2009 Q3	-15.8	14.3	10.8	-71.2	-15.6	-29.6	-11.3	-8.5	-15.9	-14.2	-10.5	-6.1	-11.3	
2009 Q4	-12.7	0.5	13.5	-61.6	-19.9	-3.0	-10.6	-17.5	-13.0	-17.6	-7.0	-5.7	-10.6	
2010 Q1	-3.5	1.7	2.3	26.1	-11.3	17.8	-2.5	11.1	-7.2	-9.6	-0.6	2.3	-2.5	
2010 Q2	2.1	6.0	-0.6	15.7	5.6	13.7	4.0	0.1	10.3	4.9	-1.9	6.7	4.0	
2010 Q3	8.2	-4.1	-7.7	5.4	11.5	5.5	5.8	28.9	10.5	10.4	-3.5	7.0	5.8	
2010 Q4	12.8	-5.3	-13.6	-0.9	19.5	-6.5	8.6	100.5	15.4	16.4	-8.4	6.3	8.6	
2011 Q1	4.7	0.5	-10.1	0.0	15.3	4.2	4.8	-31.5	13.8	11.8	0.0	6.2	4.8	
2011 Q2	7.0	-7.6	-13.4	-5.2	8.0	-6.8	3.8	-22.2	11.3	7.0	3.2	1.1	3.8	
2011 Q3	6.9	-5.5	-19.1	-9.4	3.5	-9.5	2.6	-41.0	13.6	2.0	3.1	3.4	2.6	
2011 Q4	7.7	-5.7	-16.1	-1.9	6.0	1.7	4.3	-43.1	13.9	4.4	9.2	4.3	4.3	
2012 Q1	13.3	-5.2	-17.4	14.9	8.3	11.7	6.8	31.6	12.2	5.2	5.7	2.1	6.8	
2012 Q2	9.8	7.0	2.0	11.0	-0.3	12.6	7.3	13.9	3.6	0.2	17.1	4.5	7.3	
2012 Q3	5.2	-9.9	2.5	6.6	-3.1	8.6	1.2	12.6	-5.6	-2.5	6.9	1.7	1.2	
2012 Q4	7.5	-6.1	1.7	8.7	-3.8	7.6	3.1	8.6	-3.8	-3.1	10.1	5.1	3.1	
2013 Q1	1.0	-8.3	3.4	0.0	-3.1	4.0	-1.7	-26.6	-1.9	-2.4	-2.6	4.4	-1.7	
2013 Q2	5.6	-6.4	6.9	12.9	11.4	17.5	5.5	-5.8	2.2	11.3	5.8	5.2	5.5	
2013 Q3	6.9	6.4	8.8	23.9	15.5	26.3	9.5	19.2	8.8	14.9	8.6	5.2	9.5	
2013 Q4	2.2	8.3	10.5	33.6	15.7	36.4	7.3	5.0	4.5	15.3	7.3	3.9	7.3	
2014 Q1	4.1	20.2	16.0	31.0	30.3	31.2	13.4	10.9	-1.0	29.3	19.2	6.2	13.4	
2014 Q2	7.0	2.0	8.1	32.5	11.7	29.9	8.6	19.5	10.6	11.4	7.9	3.5	8.6	
2014 Q3	2.8	4.1	14.1	25.0	12.4	19.9	6.1	8.5	3.9	12.7	5.6	2.4	6.1	
2014 Q4	3.3	1.0	16.0	8.6	7.6	6.9	4.1	16.6	-1.5	8.0	4.8	2.8	4.1	
2015 Q1	12.2	-7.1	18.9	-3.1	-3.0	-3.1	4.2	114.2	2.3	-1.1	3.0	0.1	4.2	
2015 Q2	5.7	13.0	11.0	-4.6	9.8	-4.5	6.8	57.8	-3.0	9.9	6.2	4.5	6.8	
2015 Q3	6.9	2.7	8.7	0.6	5.2	-0.3	5.5	36.8	-1.0	5.3	7.6	2.8	5.5	
2015 Q4	1.5	-1.0	-0.2	6.7	8.3	6.8	2.8	7.1	-1.1	7.8	3.1	0.2	2.8	
2016 Q1	-4.5	-5.2	7.5	19.7	7.3	17.4	-1.3	-11.4	-3.1	7.2	-5.5	2.0	-1.3	
2016 Q2	2.0	3.2	10.5	12.5	2.7	11.4	2.9	14.4	4.6	3.0	0.7	1.5	2.9	
2016 Q3	0.6	14.2	14.4	-0.6	5.6	-0.1	3.7	11.2	2.0	6.1	2.5	2.6	3.7	

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets

2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts.
eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.

G16

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million (Reference Year 2013)

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	NPEM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
2005	139 232	20 298	3 574	-4 226	48 630	32 411	239 919	10 913	47 579	52 250	80 282	48 895	239 919	
2006	131 483	36 455	4 048	-3 589	49 741	38 018	256 156	12 242	49 180	53 798	91 096	49 840	256 156	
2007	144 485	38 515	3 897	-3 062	52 049	40 439	276 323	11 245	52 574	55 949	102 885	53 670	276 323	
2008	148 786	46 850	3 966	-1 654	51 780	21 424	271 152	11 194	53 940	55 761	92 400	57 857	271 152	
2009	128 385	50 553	4 068	-370	42 044	11 903	236 583	10 275	46 249	46 113	79 580	54 366	236 583	
2010	134 719	50 220	3 883	-406	44 638	12 633	245 687	13 668	49 394	48 516	76 725	57 384	245 687	
2011	143 635	48 275	3 340	-388	48 125	12 244	255 231	8 759	55 922	51 457	79 530	59 563	255 231	
2012	156 247	46 223	3 135	-427	48 121	13 462	266 761	10 135	56 611	51 371	87 095	61 549	266 761	
2013	162 326	45 747	3 352	-505	52 904	16 400	280 224	9 928	58 469	56 386	91 034	64 407	280 224	
2014	169 254	49 531	3 835	-621	60 736	19 760	302 495	11 322	60 035	64 761	99 579	66 798	302 495	
2015	180 103	49 587	4 235	-622	63 839	19 756	316 898	16 558	59 639	68 282	104 400	68 019	316 898	

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
2005	17.0	-36.3	10.5	-49.1	5.7	-0.3	7.0	-8.2	-3.7	5.8	16.9	8.8	7.0	
2006	-5.6	79.6	13.3	-15.1	2.3	17.3	6.8	12.2	3.4	3.0	13.5	1.9	6.8	
2007	9.9	5.7	-3.7	-14.7	4.6	6.4	7.9	-8.1	6.9	4.0	12.9	7.7	7.9	
2008	3.0	21.6	1.8	-46.0	-0.5	-47.0	-1.9	-0.5	2.6	-0.3	-10.2	7.8	-1.9	
2009	-13.7	7.9	2.6	-77.6	-18.8	-44.4	-12.7	-8.2	-14.3	-17.3	-13.9	-6.0	-12.7	
2010	4.9	-0.7	-4.5	9.7	6.2	6.1	3.8	33.0	6.8	5.2	-3.6	5.6	3.8	
2011	6.6	-3.9	-14.0	-4.4	7.8	-3.1	3.9	-35.9	13.2	6.1	3.7	3.8	3.9	
2012	8.8	-4.3	-6.1	10.1	0.0	9.9	4.5	15.7	1.2	-0.2	9.5	3.3	4.5	
2013	3.9	-1.0	6.9	18.3	9.9	21.8	5.0	-2.0	3.3	9.8	4.5	4.6	5.0	
2014	4.3	8.3	14.4	23.0	14.8	20.5	7.9	14.0	2.7	14.9	9.4	3.7	7.9	
2015	6.4	0.1	10.4	0.2	5.1	0.0	4.8	46.2	-0.7	5.4	4.8	1.8	4.8	

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2 Remaining investment by public corporations included within business investment

3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)

4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)

5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

6 The sector (S) and asset (AN) codes quoted are based on those published in the European system of accounts - ESA 2010 plus additional codes for non-ESA 2010 concepts. eg BUS INV = BUSINESS INVESTMENT

Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September), Q4 refers to Quarter 4 (October to December)

Please note that assets and sectors may not sum to their respective totals due to rounding. In addition, annual seasonally adjusted totals may not equal their non-seasonally adjusted equivalents. These differences are well within the range of the uncertainty on the estimates.