

Statistical bulletin

Business investment in the UK: October to December 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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Table of contents

1. [Main points](#)
2. [Future changes](#)
3. [What's changed in this release](#)
4. [Things you need to know about this release](#)
5. [Gross fixed capital formation and business investment](#)
6. [Summary tables](#)
7. [Revisions to gross fixed capital formation \(GFCF\) and business investment](#)
8. [Economic background](#)
9. [Where to find more of our data](#)
10. [Adjustments and response rates](#)
11. [Quality and methodology](#)
12. [Background notes](#)

1 . Main points

- Gross fixed capital formation (GFCF), in volume terms, was unchanged at £78.0 billion, in Quarter 4 (Oct to Dec) 2016, when compared with Quarter 3 (July to Sept) 2016.
- Between Quarter 3 2016 and Quarter 4 2016, business investment, in volume terms, was estimated to have decreased by 1.0%, from £44.0 billion to £43.5 billion.
- Between Quarter 4 2015 and Quarter 4 2016, GFCF was estimated to have increased by 0.9%, from £77.3 billion to £78.0 billion.
- Business investment was estimated to have decreased by 0.9% between Quarter 4 2015 and Quarter 4 2016, from £43.9 billion to £43.5 billion.
- Between 2015 and 2016, GFCF was estimated to have increased by 0.5%, an increase of £1.4 billion.
- Business investment was estimated to have decreased by 1.5% between 2015 and 2016, a decrease of £2.7 billion.
- In line with the National Accounts Revisions Policy, the earliest period being revised in this release is Quarter 1 (Jan to Mar) 2016.

2 . Future changes

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%.

Blue Book 2017

We have recently published an article, [annual improvements to gross fixed capital formation source data for Blue Book 2017](#). This article was published on 16 February 2017 describing the changes that will be introduced in the September business investment release consistent with Blue Book 2017. The changes include updates to source data and methodology improvements.

3 . What's changed in this release

This is the first release using the improved gross fixed capital formation (GFCF) estimation system, redeveloped 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. This has resulted in some methodological changes to the new GFCF system, including improved deflation and seasonal adjustment methodology.

Further information on the methods changes introduced in the new GFCF estimation system can be found in an article: [Changes to the Gross Fixed Capital Formation methodology and processing](#).

A data impact assessment of the new GFCF system for the periods Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2016 can be found in an accompanying article: [gross fixed capital formation \(GFCF\) new system deployment and data impact assessment](#).

4 . Things you need to know 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.

5 . Gross fixed capital formation and business investment

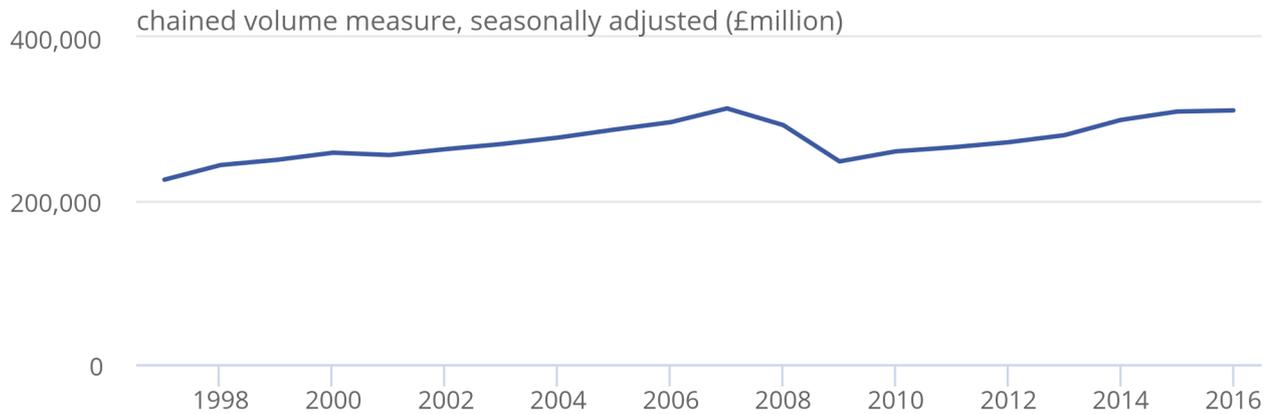
Figure 1 shows that the annual level of gross fixed capital formation (GFCF) increased in 2016 to £310.6 billion (0.5%) compared with 2015. This is the smallest increase since 2009 when GFCF fell by 15.2%.

Figure 1: Annual levels of gross fixed capital formation, chained volume measure, 1997 to 2016

Reference year: 2013 Coverage: UK

Figure 1: Annual levels of gross fixed capital formation, chained volume measure, 1997 to 2016

Reference year: 2013 Coverage: UK



Source: Office for National Statistics

Figure 2 shows that in Quarter 4 (Oct to Dec) 2016, GFCF remained at £78.0 billion when compared with Quarter 3 (July to Sept) 2016. Compared with the same quarter a year ago, GFCF increased by £0.7 billion (0.9%) higher than Quarter 4 2015. The increase has been driven by an increase in general government and private sector dwellings, which contributed 0.7 percentage points each to growth.

GFCF is now 1.9% above the pre-economic downturn peak of Quarter 1 (Jan to Mar) 2008 (£76.5 billion).

Figure 2: Quarterly levels of gross fixed capital formation, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 2: Quarterly levels of gross fixed capital formation, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 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 4 (Oct to Dec) 2008 to Quarter 4 2016

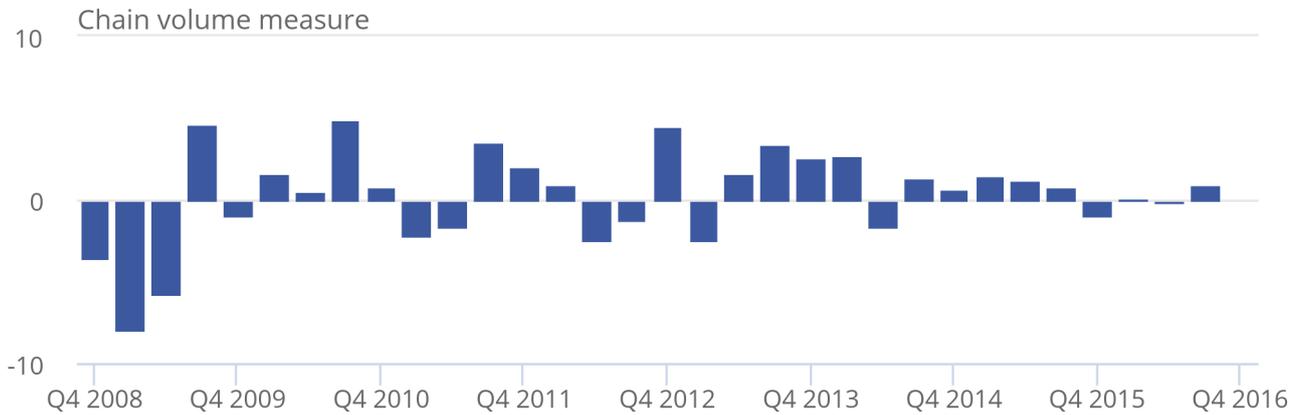
As seen in Figure 3, quarterly growth in GFCF in 2016 has been subdued, with 0.0% growth in Quarter 4 2016. This follows an increase of 0.1% in Quarter 1 2016, a fall of 0.2% in Quarter 2 2016 and an increase of 0.3% in Quarter 3 2016.

Figure 3: Quarterly growth of gross fixed capital formation, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 3: Quarterly growth of gross fixed capital formation, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 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 4 2008 to Quarter 4 2016

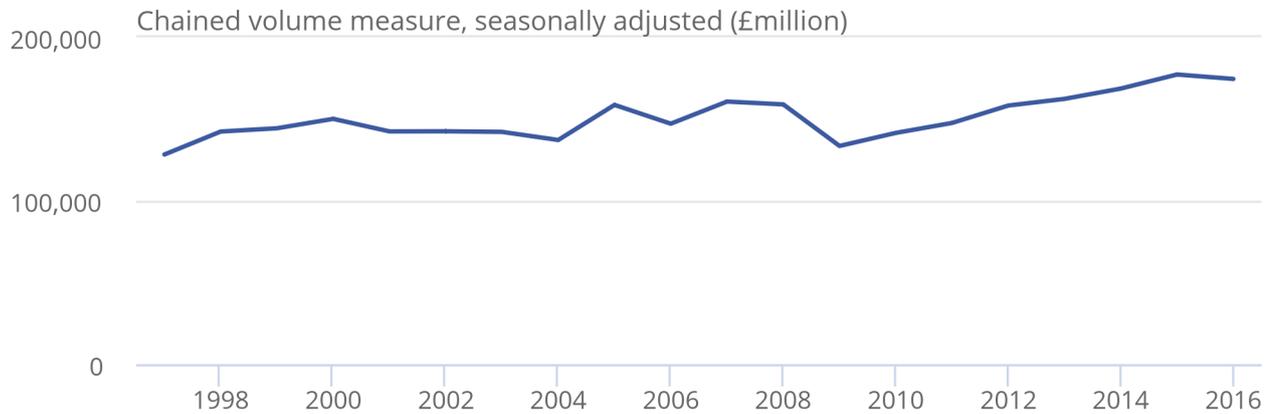
The annual level of business investment (Figure 4) decreased by 1.5% to £174.5 billion in 2016, when compared with 2015. This is the first annual decrease in business investment since 2009. This decrease is mainly caused by weakness in investment in other buildings and structures and information and communication technology (ICT) equipment and other machinery and equipment.

Figure 4: Annual levels of business investment, chained volume measure, 1997 to 2016

Reference year: 2013 Coverage: UK

Figure 4: Annual levels of business investment, chained volume measure, 1997 to 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 1997 to 2016

Business investment in Quarter 4 2016 decreased by 1.0% (Figure 5) to £43.5 billion, when compared with the previous quarter. This was mainly due to a decrease in investment in information and communication technology (ICT) equipment and other machinery and equipment and transport equipment. Business investment is now 6.3% above the pre-economic downturn peak of Quarter 1 2008 (£40.9 billion).

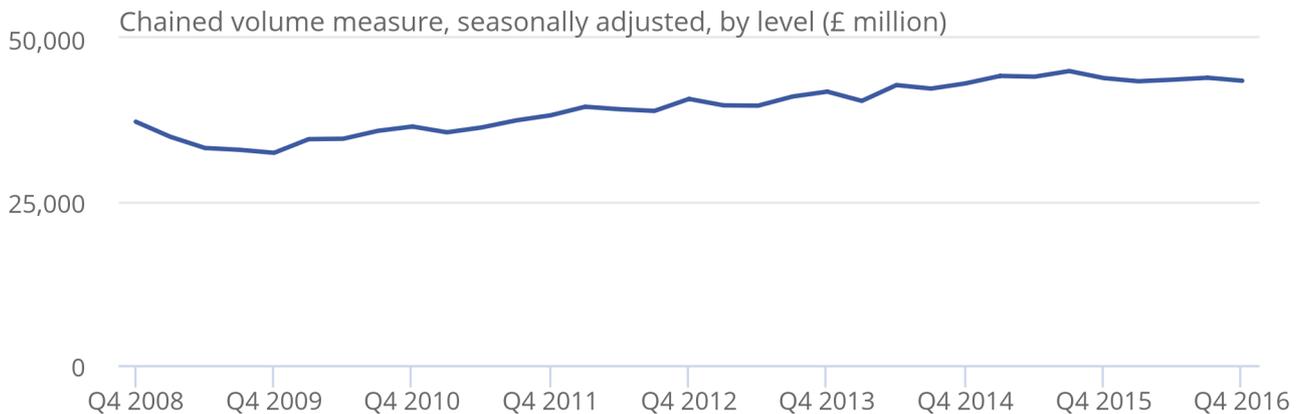
Business investment in Quarter 4 2016 decreased by 0.9% (£0.4 billion) when compared with the same quarter a year ago. This marks 4 consecutive periods of negative growth in business investment when compared with the same quarter a year earlier.

Figure 5: Quarterly levels of business investment, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 5: Quarterly levels of business investment, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 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 4 2008 to Quarter 4 2016

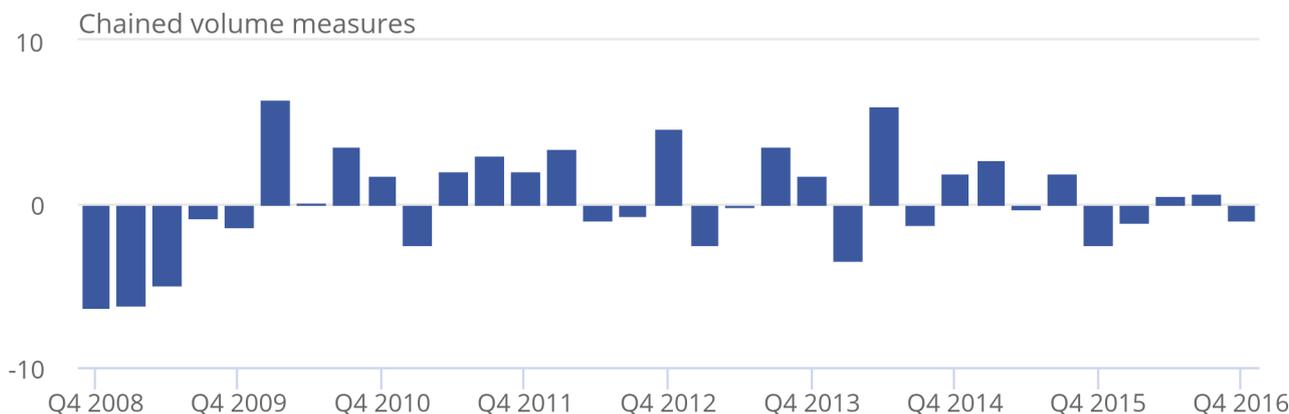
As can be seen in Figure 6, business investment in 2016 has seen 2 consecutive quarters of positive growth in Quarter 2 (Apr to June) 2016 (0.6%) and Quarter 3 (July to Sept) 2016 (0.7%) and 2 quarters of more negative growth in Quarter 1 (Jan to Mar) 2016 (1.1%) and Quarter 4 (Oct to Dec) 2016 (1.0%).

Figure 6: Quarterly growth of business investment, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 6: Quarterly growth of business investment, chained volume measure, seasonally adjusted, Quarter 4 (Oct to Dec) 2008 to Quarter 4 (Oct to Dec) 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 4 2008 to Quarter 4 2016

6 . Summary tables

Table 1 shows that gross fixed capital formation (GFCF) remained at £78.0 billion in Quarter 4 (Oct to Dec) 2016 when compared with Quarter 3 (July to Sept) 2016. The largest level increase was seen in private sector dwellings, which rose by £0.3 billion (1.8%) to £16.1 billion. Increases were also seen in public corporation dwellings, which increased by £0.1 billion (15.2%) and private sector cost of ownership transfer of non-produced assets, which increased by £0.1 billion (2.2%). The largest decrease came from business investment, which fell by £0.5 billion (1.0%) when compared with Quarter 3 2016.

When compared with the same quarter a year earlier, the largest level increases in Quarter 4 2016 were seen in private sector dwellings, which increased by £0.5 billion (3.3%) and general government, which increased by £0.5 billion (4.4%). The largest decrease came from business investment, which fell by £0.4 billion (0.9%).

Table 1: Total gross fixed capital formation in the UK by institutional sector, Quarter 4 (Oct to Dec) 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	0.0	0.9	77,961	-16	661
Business investment	-1.0	-0.9	43,496	-460	-407
General government	-0.7	4.4	12,189	-90	519
Public corporations dwellings	15.2	0.7	1,043	138	7
Public corporations cost of ownership transfer on non-produced assets	8.3	3.0	-169	-13	-5
Private sector dwellings	1.8	3.3	16,082	292	520
Private sector cost of ownership transfer on non-produced assets	2.2	0.5	5,320	117	27

Source: Office for National Statistics

Notes:

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

Table 2 shows that in asset terms, the largest level increase, quarter-on-quarter, in Quarter 4 2016 was in dwellings, which increased by £0.5 billion (2.7%) to £17.2 billion. Other buildings and structures and transfer costs also saw a level increase of £0.2 billion (0.9%). The largest decrease quarter-on-quarter was seen in information and communication technology (ICT) equipment and other machinery and equipment, which decreased by £0.4 billion (2.6%).

When compared with the same quarter a year earlier, transport equipment saw the largest level increase of £0.7 billion (17.6%). Dwellings also increased quarter on same quarter a year ago, having grown by £0.6 billion (3.4%).

These increases were partially offset by a decrease in information and communication technology (ICT) equipment and other machinery and equipment, which decreased by 2.4% (£0.4 billion). Other buildings and structures and transfer costs also decreased by 1.7% (£0.4 billion).

Table 2: Total gross fixed capital formation in the UK by asset, Quarter 4 (Oct to Dec) 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	0.0	0.9	77,961	-16	661
Transport equipment	-3.7	17.6	4,767	-183	713
ICT equipment and other machinery and equipment	-2.6	-2.4	14,427	-392	-361
Dwellings	2.7	3.4	17,209	459	561
Other buildings and structures and transfer costs	0.9	-1.7	24,702	218	-415
Intellectual property products	-0.7	1.0	16,856	-118	163

Source: Office for National Statistics

Notes:

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

7. Revisions to gross fixed capital formation (GFCF) and business investment

Data in this release have been revised from Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2016 in line with the National Accounts Revisions Policy.

As highlighted in section 3, this is the first release using the new GFCF estimation system, redeveloped 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. This has resulted in some methodological changes to the new GFCF system, including improved deflation and seasonal adjustment methodology. A data impact assessment of the new GFCF system can be found in an accompanying article: [gross fixed capital formation \(GFCF\) new system deployment and data impact assessment](#).

Other reasons for revisions in this release are updated source data and revised seasonal adjustment. Figure 7 shows current GFCF quarterly growth throughout 2016 compared with that published in the Quarter 3 (July to Sept) 2016 revised release.

Figure 7: Quarterly gross fixed capital formation (GFCF) growth compared with previously published GFCF growth, chained volume measure, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 7: Quarterly gross fixed capital formation (GFCF) growth compared with previously published GFCF growth, chained volume measure, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 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 4 2008 to Quarter 4 2016

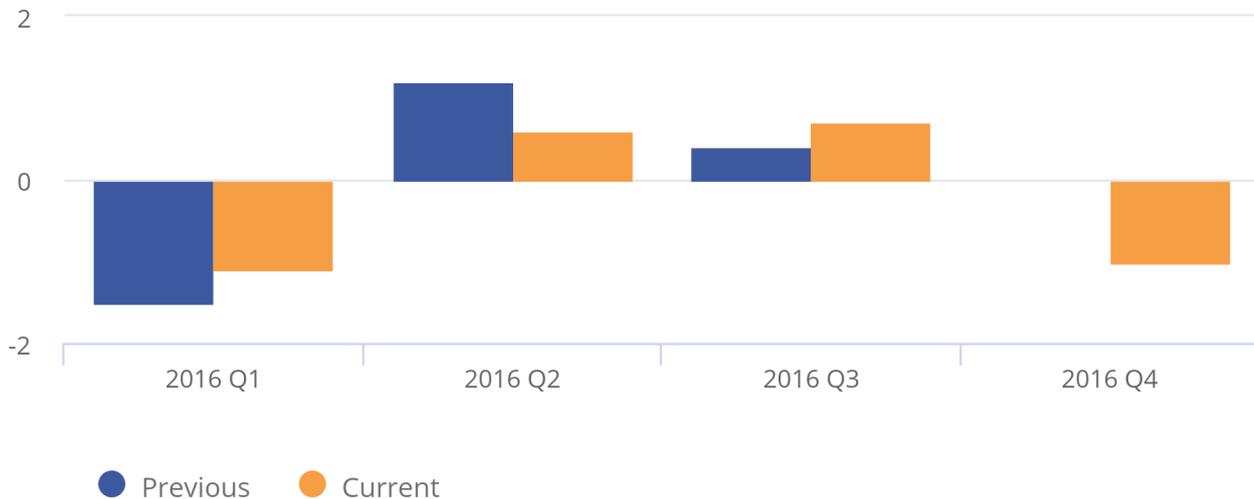
Business investment revisions are shown in Figure 8. The largest revision is in Quarter 2 2016, which has been revised down from 1.2% to 0.6%. This downward revision is mainly due to decreases seen in Quarter 2 2016 in transport equipment and other buildings and structures.

Figure 8: Quarterly business investment growth compared with previously published business investment growth, chained volume measure, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 2016

Reference year: 2013 Coverage: UK

Figure 8: Quarterly business investment growth compared with previously published business investment growth, chained volume measure, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 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 4 2008 to Quarter 4 2016

8 . Economic background

Gross fixed capital formation (GFCF) is provisionally estimated to have grown by 0.9% between Quarter 4 (Oct to Dec) 2015 and Quarter 4 2016, following a broadly unchanged year from Quarter 3 (July to Sept) 2015 to Quarter 3 2016. For the calendar year of 2016, GFCF was estimated to have grown by 0.5%, the lowest rate of growth for a calendar year since 2009. Total GFCF growth has been consistently slowing since 2014. Quarter on same quarter a year ago growth averaged 6.8% in 2014; fell to 3.5% in 2015 then fell further to 0.5% for 2016. Quarter-on-quarter growth for GFCF remained broadly unchanged also, with no change being seen from Quarter 3 2016 to Quarter 4 2016.

On a sector basis, the increase in GFCF quarter on same quarter a year ago was mainly driven by general government and investment in private sector dwellings; each contributed 0.7 percentage points to overall growth. This was partially offset by a fall in business investment in the same period, which contributed negative 0.5 percentage points. Business investment is estimated to have fallen by 1.0% between Quarter 3 2016 and Quarter 4 2016. An important factor to consider when looking at business investment is the availability or supply of credit. In the most recent [Bank of England Credit Conditions Review](#), the supply of lending to firms was found to have remained above normal levels. However, survey data suggested that corporate demand for credit continued to soften, mirroring a trend seen in Quarter 3 2016.

On an asset basis, the quarter on same quarter a year ago increase in GFCF was mainly driven by transport equipment and dwellings, which contributed 0.9 and 0.7 percentage points to growth respectively. Other buildings, structures and transfer costs contributed negative 0.5 percentage points to growth, as did ICT equipment and other machinery and equipment.

Quarter 4 2016 marks 2 full quarters since the UK voted to leave the European Union. The Bank of England has upgraded its forecasts for business investment and gross domestic product (GDP) in light of stronger than expected economic performance since the result. The Monetary Policy Committee (MPC) cites one of the main reasons for this as the increased confidence in the global economy in the immediate future (particularly in the United States). However, the MPC does predict business investment to be lower in 3 years time than the projected level prior to the referendum.

Developments in the housing market can also be an important indicator of investment and wider activity in the economy. The construction sector grew by 0.2% in Quarter 4 2016 when compared with Quarter 3 2016, contributing to annual growth of 1.5% in 2016 ([Construction output in Great Britain: Dec 2016 and Oct to Dec 2016](#)). This is mainly driven by an increase in new housing work. Average [house prices](#) in the UK have increased by 7.2% in the year to December 2016, continuing the strong growth seen since the end of 2013. However, annual growth has been weaker in the second half of 2016 compared with the first half of the year.

9 . 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 user requests. For enquiries about user-requested data email gcf@ons.gsi.gov.uk.

10 . Adjustments and response rates

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, in the revised estimate a bias adjustment was introduced to GFCF and its components.

A bias adjustment of £0.8 billion has been included in the provisional (month 2) release for Quarter 4 (Oct to Dec) 2016. This adjustment will be reassessed in line with previous revisions and will be updated when Quarter 4 2016 is next revised in the Quarter 4 2016 revised release.

In order to try and improve the quality of the response from our data suppliers, 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 4 2016. These adjustments are shown in Table 3.

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

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
Q4 2016	-2.2	2.2

Source: Office for National Statistics

Notes:

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

Survey response rates

Table 4 presents the provisional (month 2) and revised (month 3) response rates for the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCADS). The estimates in this release are based on the Quarter 4 2016 month 2 (provisional) survey results.

Table 4: UK response rates for quarterly acquisitions and disposals of capital assets survey at time of publication, Quarter 4 (Oct to Dec) 2015 to Quarter 4 (Oct to Dec) 2016

At month 2 (provisional)			At month 3 (revised)		
Period	Survey response rates / %		Period	Survey response rates / %	
2015	Q4	68.6	2015	Q4	89.8
2016	Q1	69.2	2016	Q1	89.4
	Q2	71.4		Q2	89.1
	Q3	72.8		Q3	83.5
	Q4	68.5			

Source: Office for National Statistics

Notes:

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

11 . Quality and methodology

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

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

The changes signposted in this bulletin (see Background Notes – Sections 4 and 5) have not yet been reflected in either the [Quality Survey of Capital Expenditure QMI](#) or the [Business Investment QMI](#), but changes will be incorporated into revised QMIs in the future.

12. 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.

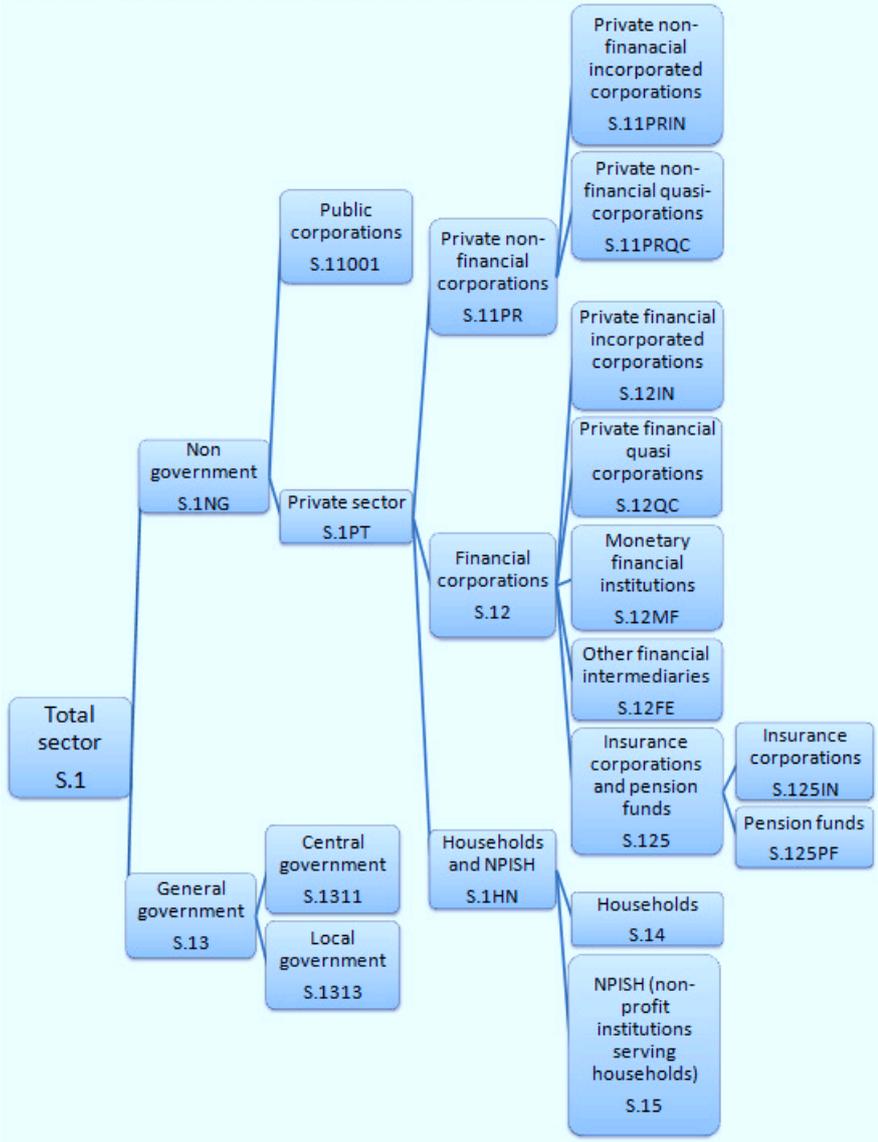
3. Guide to published assets

Published Asset	Includes	Definition	Examples (N.B. not exhaustive)
Dwellings	Dwellings	Dwellings are buildings, or designated parts of buildings, that are used entirely or primarily as residences, including any associated structures, such as garages, and all permanent fixtures customarily installed in residences	Houses, mobile homes and caravans. However, it should be noted that dwellings does not include prisons, boarding schools or hospitals
Transport	Transport equipment	Transport equipment consists of any equipment used to move people and objects.	Motor vehicles, trailers, ships, trains, trams, aircraft, aircraft, motorcycles, and bicycles
Intellectual property products (IPP)	Research and development	This is the value of expenditure on creative work to increase the stock of knowledge, which developers can market or use for their own benefit when producing goods and services.	Development of software programs or design for a new aircraft
	Mineral exploration	This is the value of expenditure on exploration for petroleum and natural gas and for non-petroleum deposit and the subsequent evaluation of the discoveries made.	License and acquisition costs, appraisal costs, costs of test drilling and boring
	Software and Databases	Software consists of computer programs and supporting systems for both systems and application software	Packages such as Microsoft Office and VLC Media Player
	Entertainment	This consists of the original films, recordings, manuscripts, tapes, etc on which drama performances, radio, television programmes, sporting events and etc are recorded and embodied.	Films, tapes, recordings, radio and television programmes and books
Other buildings and structures and transfer	Other buildings	Other buildings are buildings that are not dwellings, industrial buildings, commercial buildings, educational buildings and health buildings.	Schools, hospitals, prisons, religious, sport, amusement and community buildings
	Transfer costs	Transfer costs, sometimes known as cost of ownership transfer, are the costs associated with buying or selling an asset	Transportation costs, legal fees and stamp duty.
Information and communication technology equipment (ICT) and other machinery and equipment	ICT	This mainly consists of computer hardware and telecommunications equipment such as computers and mobile phones	Computers, laptops, mobile phones and gaming consoles
	Other machinery and equipment including weapons	Other machinery and equipment consists of all equipment and machinery that is for general or special use. General use machinery includes engines, turbines, ovens, etc. Special use machinery includes machinery for mining, domestic appliances, agricultural equipment, etc	Typically large electronic equipment (e.g. equipment used in the production of goods and services)
	Cultivated	Cultivated assets are livestock for breeding (including fish and poultry)	Livestock not for slaughter, orchards, vineyards, dairy draught

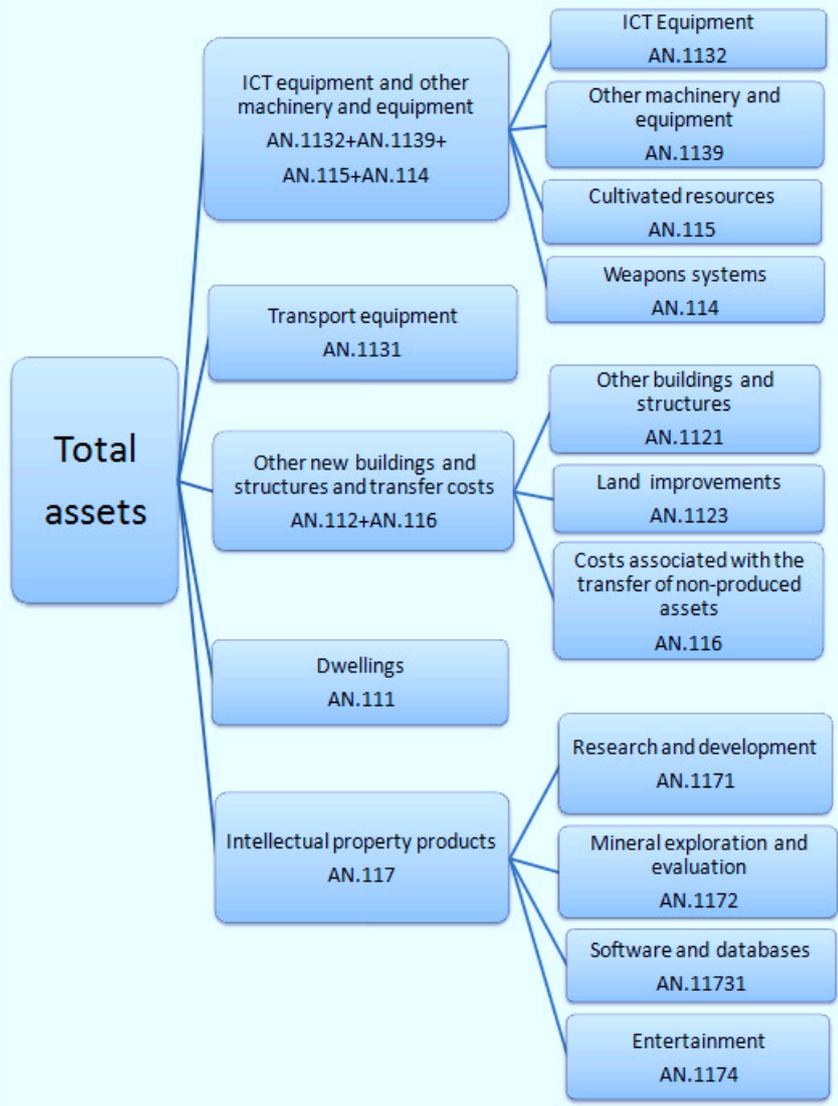
Source: Office for National Statistics

Institutional sector hierarchy

Business investment is solely non-government, S.1NG

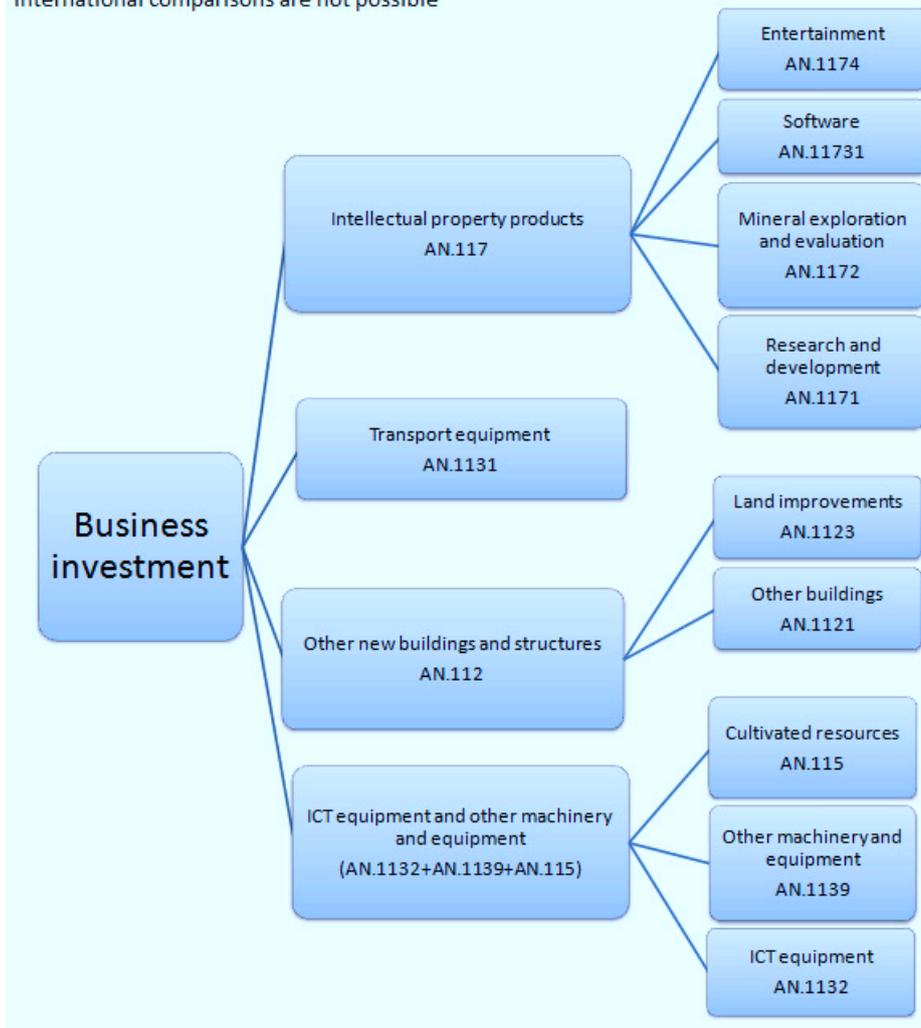


GFCF asset hierarchy



Business investment by asset

Business investment is not an international definition, and international comparisons are not possible



4. Changes to the Quarterly Acquisitions and Disposals of Capital Assets Survey 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 was implemented in the Quarter 3 (July to Sept) 2016 provisional 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.

5. 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.

6. 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 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](#).

7. 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

8. 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](#).

9. 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.

10. Accessing data

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

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
Chained volume measures levels seasonally adjusted (Revisions)	G1R
Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G2R
Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G3R
Chained volume measures levels seasonally adjusted annual (Revisions)	G4R
Chained volume measures levels not seasonally adjusted (Revisions)	G5R
Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G6R
Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G7R
Chained volume measures levels not seasonally adjusted annual (Revisions)	G8R
Current price levels seasonally adjusted (Revisions)	G9R
Current price levels seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G10R
Current price levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G11R
Current price levels seasonally adjusted annual (Revisions)	G12R
Current price levels not seasonally adjusted (Revisions)	G13R
Current price levels not seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G14R
Current price levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G15R
Current price levels not seasonally adjusted annual (Revisions)	G16R

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

€ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector										Asset					
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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	S.1PT	S.1PT	S.1						
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	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				
	NPQL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT			
1997 Q1	30 390	5 607	1 258	-787	14 877	4 330	53 754	2 914	11 591	16 136	14 544	9 543	53 754			
1997 Q2	31 191	5 716	921	-868	14 271	5 227	55 865	2 873	12 051	15 192	16 748	9 729	55 865			
1997 Q3	32 789	5 881	840	-757	14 448	4 389	57 370	2 907	12 675	15 288	17 080	9 935	57 370			
1997 Q4	33 917	5 701	754	-745	15 534	4 448	58 763	2 931	12 689	16 287	17 875	9 996	58 763			
1998 Q1	34 955	6 274	902	-670	14 891	3 925	59 879	3 684	13 054	15 790	17 590	10 076	59 879			
1998 Q2	35 189	6 082	950	-691	15 506	4 064	60 052	3 362	13 605	16 456	16 778	10 231	60 052			
1998 Q3	34 986	6 311	962	-781	14 985	4 597	60 905	3 169	12 941	15 946	19 130	10 388	60 905			
1998 Q4	37 212	6 437	805	-641	14 856	3 902	62 846	3 570	13 642	15 661	19 414	10 698	62 846			
1999 Q1	36 684	6 338	796	-868	14 573	5 246	62 685	3 132	13 755	15 367	19 335	11 101	62 685			
1999 Q2	35 730	6 902	1 043	-788	14 800	4 741	61 803	2 451	13 570	15 861	19 197	11 115	61 803			
1999 Q3	36 617	6 361	579	-949	14 958	5 770	63 615	2 510	13 584	15 558	21 014	11 267	63 615			
1999 Q4	35 310	5 976	780	-982	14 398	6 177	61 934	2 660	11 791	15 200	21 710	11 248	61 934			
2000 Q1	36 993	6 098	701	-1 052	15 468	6 427	64 211	2 408	13 694	16 197	20 962	11 453	64 211			
2000 Q2	39 118	6 364	689	-1 029	15 331	6 232	66 799	2 759	16 035	16 049	19 605	11 805	66 799			
2000 Q3	36 304	6 567	697	-829	15 144	5 171	63 292	2 503	13 104	15 867	20 669	11 530	63 292			
2000 Q4	37 683	6 117	727	-848	14 923	5 477	64 468	3 112	13 208	15 677	21 117	11 617	64 468			
2001 Q1	36 289	5 858	1 001	-1 046	14 699	6 073	62 728	2 346	12 463	15 759	20 289	12 279	62 728			
2001 Q2	36 652	6 311	1 064	-1 168	14 461	6 704	65 249	3 404	12 240	15 955	21 830	12 370	65 249			
2001 Q3	35 091	7 605	1 117	-1 211	14 899	7 315	64 824	3 124	12 304	16 064	21 413	12 353	64 824			
2001 Q4	34 184	7 590	1 113	-1 111	14 387	7 080	63 113	2 363	12 426	15 537	20 574	12 545	63 113			
2002 Q1	34 505	6 596	1 294	-1 388	14 465	7 267	61 839	3 493	12 468	15 809	18 232	12 089	61 839			
2002 Q2	35 282	7 647	1 096	-1 417	15 073	7 990	65 179	4 142	12 329	16 201	20 426	12 250	65 179			
2002 Q3	36 259	7 945	1 091	-1 343	15 250	7 829	66 979	4 094	13 015	16 383	21 210	12 508	66 979			
2002 Q4	36 444	8 152	1 519	-1 332	16 569	8 313	69 111	4 295	13 782	18 114	21 079	12 374	69 111			
2003 Q1	36 589	8 741	1 660	-3 342	15 427	9 346	68 274	3 974	14 291	17 139	20 197	12 516	68 274			
2003 Q2	35 439	8 229	1 351	-2 863	16 361	8 213	65 653	3 227	13 819	17 816	18 288	12 758	65 653			
2003 Q3	34 821	8 109	1 391	-2 960	16 829	9 149	66 867	3 654	14 211	18 271	18 172	12 712	66 867			
2003 Q4	35 273	8 303	1 291	-2 842	17 499	9 561	68 606	3 401	13 710	18 840	20 300	12 815	68 606			
2004 Q1	37 484	9 245	1 149	-2 850	17 528	10 137	72 040	3 194	16 266	18 747	21 286	12 882	72 040			
2004 Q2	33 919	9 953	1 336	-2 910	17 029	10 893	68 615	3 263	14 139	18 400	20 530	12 716	68 615			
2004 Q3	32 982	9 987	1 190	-2 489	17 489	10 210	68 445	3 052	13 230	18 718	20 982	13 016	68 445			
2004 Q4	32 768	10 472	1 204	-1 996	17 374	8 874	68 186	3 115	13 509	18 610	20 427	13 018	68 186			
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	2 895	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	3 033	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	12 525	864	-96	12 505	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	43 332	10 946	908	-157	14 139	5 094	73 762	2 965	16 058	15 088	23 380	16 271	73 762			
2014 Q3	42 394	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	44 234	11 994	1 054	-142	14 913	4 394	76 447	4 725	14 312	16 024	24 369	17 017	76 447			
2015 Q2	44 119	11 902	1 085	-152	15 547	4 893	77 394	4 582	14 670	16 679	24 538	16 925	77 394			
2015 Q3	44 977	11 708	1 118	-161	15 287	5 074	78 003	4 235	15 195	16 450	25 268	16 855	78 003			
2015 Q4	43 903	11 67														

G2

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 ⁵ ASSET ⁶	Sector												Asset									
	Public corporations ²						Private sector						Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total				
	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		S.1PT	S.1	S.1							S.1	S.1	S.1	S.1
			S.1NG	S.13	S.11001	S.11001		S.11001	S.1PT													
BUS INV	TOTAL	AN.111	AN.111	AN.116	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									
1997 Q2	2.6	1.9	-26.8	10.3	-4.1	20.7	3.9	-1.4	4.0	-5.9	15.2	1.9	3.9									
1997 Q3	5.1	2.9	-8.8	-12.8	1.2	-16.0	2.7	1.2	5.2	0.6	2.0	2.1	2.7									
1997 Q4	3.4	-3.1	-10.2	-1.6	7.5	1.3	2.4	0.8	0.1	6.5	4.7	0.6	2.4									
1998 Q1	3.1	10.1	19.6	-10.1	-4.1	-11.8	1.9	25.7	2.9	-3.1	-1.6	0.8	1.9									
1998 Q2	0.7	-3.1	5.3	3.1	4.1	3.5	0.3	-8.7	4.2	4.2	-4.6	1.5	0.3									
1998 Q3	-0.6	3.8	1.3	13.0	-3.4	13.1	1.4	-5.7	-4.9	-3.1	14.0	1.5	1.4									
1998 Q4	6.4	2.0	-16.3	-17.9	-0.9	-15.1	3.2	12.7	5.4	-1.8	1.5	3.0	3.2									
1999 Q1	-1.4	-1.5	-1.1	35.4	-1.9	34.4	-0.3	-12.3	0.8	-1.9	-0.4	3.8	-0.3									
1999 Q2	-2.6	8.9	31.0	-9.2	1.6	-9.6	-1.4	-21.7	-1.3	3.2	-0.7	0.1	-1.4									
1999 Q3	2.5	-7.8	-44.5	20.4	1.1	21.7	2.9	2.4	0.1	-1.9	9.5	1.4	2.9									
1999 Q4	-3.6	-6.1	34.7	3.5	-3.7	7.1	-2.6	6.0	-13.2	-2.3	3.3	-0.2	-2.6									
2000 Q1	4.8	2.0	-10.1	7.1	7.4	4.0	3.7	-9.5	16.1	6.6	-3.4	1.8	3.7									
2000 Q2	5.7	4.4	-1.7	-2.2	-0.9	-3.0	4.0	14.6	17.1	-0.9	-6.5	3.1	4.0									
2000 Q3	-7.2	3.2	1.2	-19.4	-1.2	-17.0	-5.3	-9.3	-18.3	-1.1	5.4	-2.3	-5.3									
2000 Q4	3.8	-6.9	4.3	2.3	-1.5	5.9	1.9	24.3	0.8	-1.2	2.2	0.8	1.9									
2001 Q1	-3.7	-4.2	37.7	23.3	-1.5	10.9	-2.7	-24.6	-5.6	0.5	-3.9	5.7	-2.7									
2001 Q2	1.6	30.4	26.3	11.7	-1.6	10.4	4.0	45.1	-1.8	0.0	7.6	0.7	4.0									
2001 Q3	-4.8	-0.5	-11.6	3.7	3.0	9.1	-0.7	8.2	0.5	2.0	-1.9	-0.1	-0.7									
2001 Q4	-2.6	-0.2	-0.4	-8.3	-3.4	-3.2	-2.6	-24.4	1.0	-3.3	-3.9	1.6	-2.6									
2002 Q1	0.9	-13.1	16.3	24.9	0.5	2.6	-2.0	47.8	0.3	1.8	-11.4	-3.6	-2.0									
2002 Q2	2.3	15.9	-15.3	2.1	4.2	9.9	5.4	18.6	-1.1	2.5	12.0	1.3	5.4									
2002 Q3	2.8	3.9	-0.5	-5.2	1.2	-2.0	2.8	-1.2	5.6	1.1	3.8	2.1	2.8									
2002 Q4	0.5	2.6	39.2	-0.8	8.6	6.2	3.2	4.9	5.9	10.6	-0.6	-1.1	3.2									
2003 Q1	0.4	7.2	9.3	150.9	-6.9	12.4	-1.2	-7.5	3.7	-5.4	-4.2	1.1	-1.2									
2003 Q2	-3.1	-5.9	-18.6	-14.3	6.1	-12.1	-3.8	-18.8	-3.3	4.0	-9.5	1.9	-3.8									
2003 Q3	-1.7	-1.5	3.0	3.4	2.9	11.4	1.8	13.2	2.8	2.6	-0.6	-0.4	1.8									
2003 Q4	1.3	2.4	-7.2	-4.0	4.0	4.5	2.6	-6.9	-3.5	3.1	11.7	0.8	2.6									
2004 Q1	6.3	11.3	-11.0	0.3	0.2	6.0	5.0	-6.1	18.6	-0.5	4.9	0.5	5.0									
2004 Q2	-9.5	7.7	16.3	2.1	-2.8	7.5	-4.8	-2.2	-13.1	-1.9	-3.6	-1.3	-4.8									
2004 Q3	-2.8	0.3	-10.9	-14.5	2.7	-6.3	-0.2	-6.5	-6.4	1.7	2.2	2.4	-0.2									
2004 Q4	-0.6	4.9	1.2	-19.8	-0.7	-13.1	-0.4	2.1	2.1	-0.6	-2.6	0.0	-0.4									
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	4.7	-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	2.7	1.0	7.1	-6.6	1.7	-10.0	1.5	36.6	-2.2	2.2	-1.7	1.5	1.5									

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 & ASSET	Sector							Asset							
	Public corporations ²				Private sector			Total	ICT equipment and other machinery and equipment ⁵			Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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		Transport equipment	Dwellings ³	Dwellings ³	Dwellings ³	Dwellings ³	Intellectual property products	
			S.11001 AN.111	S.11001 AN.116											
S.1NG BUS INV	S.13 TOTAL	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			
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T		
1998 Q1	15.0	11.9	-28.3	-14.9	0.1	-9.4	11.4	26.4	12.6	-2.1	20.9	5.6	11.4		
1998 Q2	12.8	6.4	3.1	-20.4	8.7	-22.2	7.5	17.0	12.9	8.3	0.2	5.2	7.5		
1998 Q3	6.7	7.3	14.5	3.2	3.7	4.7	6.2	9.0	2.1	4.3	12.0	4.6	6.2		
1998 Q4	9.7	12.9	6.8	-14.0	-4.4	-12.3	6.9	21.8	7.5	-3.8	8.6	7.0	6.9		
1999 Q1	4.9	1.0	-11.8	29.6	-2.1	33.7	4.7	-15.0	5.4	-2.7	9.9	10.2	4.7		
1999 Q2	1.5	13.5	9.8	14.0	-4.6	16.7	2.9	-27.1	-0.3	-3.6	14.4	8.6	2.9		
1999 Q3	4.7	0.8	-39.8	21.5	-0.2	25.5	4.4	-20.8	5.0	-2.4	9.8	8.5	4.4		
1999 Q4	-5.1	-7.2	-3.1	53.2	-3.1	58.3	-1.5	-25.5	-13.6	-2.9	11.8	5.1	-1.5		
2000 Q1	0.8	-3.8	-11.9	21.2	6.1	22.5	2.4	-23.1	-0.4	5.4	8.4	3.2	2.4		
2000 Q2	9.5	-7.8	-33.9	30.6	3.6	31.4	8.1	12.6	18.2	1.2	2.1	6.2	8.1		
2000 Q3	-0.9	3.2	20.4	-12.6	1.2	-10.4	-0.5	-0.3	-3.5	2.0	-1.6	2.3	-0.5		
2000 Q4	6.7	2.4	-6.8	-13.6	3.6	-11.3	4.1	17.0	12.0	3.1	-2.7	3.3	4.1		
2001 Q1	-1.9	-3.9	42.8	-0.6	-5.0	-5.5	-2.3	-2.6	-9.0	-2.7	-3.2	7.2	-2.3		
2001 Q2	-5.8	20.1	83.5	13.5	-5.7	7.6	-2.3	23.4	-23.7	-1.8	11.3	4.8	-2.3		
2001 Q3	-3.3	15.8	60.3	46.1	-1.6	41.5	2.4	24.8	-6.1	1.2	3.6	7.1	2.4		
2001 Q4	-9.3	24.1	53.1	31.0	-3.6	29.3	-2.1	-24.1	-5.9	-0.9	-2.6	8.0	-2.1		
2002 Q1	-4.9	12.6	29.3	32.7	-1.6	19.7	-1.4	48.9	0.0	0.3	-10.1	-1.5	-1.4		
2002 Q2	-4.3	0.1	-13.3	21.3	4.2	19.2	-0.1	21.7	0.7	2.8	-6.4	-1.0	-0.1		
2002 Q3	3.3	4.5	-2.3	10.9	2.4	7.0	3.3	31.0	5.8	2.0	-0.9	1.3	3.3		
2002 Q4	6.6	7.4	36.5	19.9	15.2	17.4	9.5	81.8	10.9	16.6	2.5	-1.4	9.5		
2003 Q1	6.0	32.5	28.3	140.8	6.7	28.6	10.4	13.8	14.6	8.4	10.8	3.5	10.4		
2003 Q2	0.4	7.6	23.3	102.0	8.5	2.8	0.7	-22.1	12.1	10.0	-10.5	4.1	0.7		
2003 Q3	-4.0	2.1	27.5	120.4	10.4	16.9	-0.2	-10.7	9.2	11.5	-14.3	1.6	-0.2		
2003 Q4	-3.2	1.9	-15.0	113.4	5.6	15.0	-0.7	-20.8	-0.5	4.0	-3.7	3.6	-0.7		
2004 Q1	2.4	5.8	-30.8	-14.7	13.6	8.5	5.5	-19.6	13.8	9.4	5.4	2.9	5.5		
2004 Q2	-4.3	21.0	-1.1	1.6	4.1	32.6	4.5	1.1	2.3	3.3	12.3	-0.3	4.5		
2004 Q3	-5.3	23.2	-14.5	-15.9	3.9	11.6	2.4	-16.5	-6.9	2.4	15.5	2.4	2.4		
2004 Q4	-7.1	26.1	-6.7	-29.8	-0.7	-7.2	-0.6	-8.4	-1.5	-1.2	0.6	1.6	-0.6		
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	9.5	-12.9	20.3	-4.1	-3.0	-5.7	2.0	96.9	-2.8	-1.8	-0.5	-0.1	2.0		
2015 Q2	3.0	8.7	19.5	-3.2	10.0	-3.9	4.9	54.5	-8.6	10.5	5.0	4.0	4.9		
2015 Q3	6.3	-2.0	17.2	0.6	3.4	1.5	4.3	32.3	-3.0	4.2	5.9	3.4	4.3		
2015 Q4	1.9	-1.7	5.3	7.9	6.2	8.4	2.6	17.2	1.1	6.1	1.3	-0.4	2.6		
2016 Q1	-1.8	-1.7	-9.6	23.2	6.2	25.9	1.2	4.6	0.6	5.1	-1.0	0.3	1.2		
2016 Q2	-1.0	-2.1	-3.7	9.9	2.3	5.4	-0.2	12.0	-1.5	2.0	-2.7	-0.8	-0.2		
2016 Q3	-2.3	4.9	-19.1	-3.1	3.3	2.5	0.0	16.9	-2.5	1.8	-3.1	0.7	0.0		
2016 Q4	-0.9	4.4	0.7	3.0	3.3	0.5	0.9	17.6	-2.4	3.4	-1.7	1.0	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.

G4

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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	S.1						
S.1NG BUS INV	S.13 TOTAL	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		
	NPFL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
1997	128 287	22 905	3 773	-3 157	59 130	18 394	225 752	11 625	49 006	62 903	66 247	39 203	225 752	
1998	142 342	25 104	3 619	-2 783	60 238	16 488	243 682	13 785	53 242	63 853	72 912	41 393	243 682	
1999	144 341	25 577	3 198	-3 587	58 729	21 934	250 037	10 753	52 700	61 986	81 256	44 731	250 037	
2000	150 098	25 146	2 814	-3 758	60 866	23 307	258 770	10 782	56 041	63 790	82 353	46 405	258 770	
2001	142 416	28 693	4 495	-4 536	58 446	27 171	255 914	11 237	49 433	63 115	84 106	49 547	255 914	
2002	142 490	30 340	5 000	-5 480	61 357	31 399	263 108	16 024	51 594	66 507	80 947	49 221	263 108	
2003	142 122	33 382	5 693	-12 007	66 116	36 269	269 400	14 256	56 031	72 066	76 957	50 801	269 400	
2004	137 153	39 657	4 879	-10 245	69 420	40 114	277 286	12 624	57 144	74 475	83 225	51 632	277 286	
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	177 233	47 274	4 293	-619	61 309	19 654	309 144	17 596	58 965	65 801	99 292	67 490	309 144	
2016	174 529	47 918	3 946	-667	63 620	21 211	310 557	19 793	58 096	67 813	97 166	67 689	310 557	

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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	S.1						
S.1NG BUS INV	S.13 TOTAL	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		
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
1998	11.0	9.6	-4.1	-11.8	1.9	-10.4	7.9	18.6	8.6	1.5	10.1	5.6	7.9	
1999	1.4	1.9	-11.6	28.9	-2.5	33.0	2.6	-22.0	-1.0	-2.9	11.4	8.1	2.6	
2000	4.0	-1.7	-12.0	4.8	3.6	6.3	3.5	0.3	6.3	2.9	1.4	3.7	3.5	
2001	-5.1	14.1	59.7	20.7	-4.0	16.6	-1.1	4.2	-11.8	-1.1	2.1	6.8	-1.1	
2002	0.1	5.7	11.2	20.8	5.0	15.6	2.8	42.6	4.4	5.4	-3.8	-0.7	2.8	
2003	-0.3	10.0	13.9	119.1	7.8	15.5	2.4	-11.0	8.6	8.4	-4.9	3.2	2.4	
2004	-3.5	18.8	-14.3	-14.7	5.0	10.6	2.9	-11.4	2.0	3.3	8.1	1.6	2.9	
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	-2.6	15.3	0.3	4.0	0.1	3.4	46.3	-3.4	4.7	2.9	1.7	3.4	
2016	-1.5	1.4	-8.1	7.8	3.8	7.9	0.5	12.5	-1.5	3.1	-2.1	0.3	0.5	

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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)

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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

£ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector										Asset				Total	
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products
	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							
				S.11001	S.11001		S.1PT	S.1PT								
NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR				
1997 Q1	29 958	7 049	1 807	-676	14 618	3 915	55 786	3 194	11 422	16 425	16 577	9 504	55 786			
1997 Q2	30 973	4 079	528	-891	14 423	5 202	53 650	3 059	11 372	14 950	15 199	9 691	53 650			
1997 Q3	32 323	5 322	757	-799	14 587	4 670	56 211	2 890	12 154	15 344	16 663	9 864	56 211			
1997 Q4	35 033	5 555	681	-791	15 502	4 607	60 105	2 482	14 058	16 184	17 808	10 144	60 105			
1998 Q1	35 288	8 513	1 328	-635	14 645	3 760	62 345	3 975	13 117	15 970	19 721	10 056	62 345			
1998 Q2	34 103	4 610	586	-647	15 629	3 833	57 528	3 612	12 638	16 215	15 259	10 169	57 528			
1998 Q3	34 480	5 742	919	-825	15 152	4 882	59 796	3 141	12 484	16 071	18 682	10 310	59 796			
1998 Q4	38 471	6 239	786	-676	14 812	4 013	64 013	3 057	15 003	15 597	19 250	10 858	64 013			
1999 Q1	36 865	8 684	1 218	-826	14 325	5 050	65 236	3 309	13 913	15 541	21 545	11 072	65 236			
1999 Q2	34 745	5 191	663	-722	14 905	4 424	58 969	2 733	12 586	15 586	17 378	11 034	58 969			
1999 Q3	36 140	5 751	547	-1006	15 168	6 145	62 661	2 489	13 192	15 736	20 588	11 191	62 661			
1999 Q4	36 591	5 951	770	-1 033	14 331	6 315	63 171	2 222	13 009	15 123	21 745	11 434	63 171			
2000 Q1	37 033	8 520	1 041	-1 018	15 225	6 317	66 851	2 454	13 994	16 295	23 328	11 403	66 851			
2000 Q2	38 173	4 990	425	-937	15 404	5 811	64 142	3 177	14 869	15 857	18 011	11 710	64 142			
2000 Q3	35 850	5 438	614	-900	15 395	5 580	61 858	2 500	12 725	16 035	19 654	11 446	61 858			
2000 Q4	39 042	6 198	734	-903	14 842	5 599	65 919	2 651	14 453	15 603	21 360	11 846	65 919			
2001 Q1	36 221	8 365	1 544	-1 002	14 466	5 992	65 368	2 255	12 767	16 067	22 682	12 206	65 368			
2001 Q2	36 037	5 863	801	-1 027	14 498	6 149	62 380	4 005	11 285	15 331	19 707	12 249	62 380			
2001 Q3	34 955	7 052	989	-1 305	15 153	7 825	63 985	3 063	11 965	16 190	21 079	12 286	63 985			
2001 Q4	35 423	7 413	1 161	-1 202	14 329	7 195	64 181	1 914	13 416	15 527	20 638	12 806	64 181			
2002 Q1	33 534	9 288	1 935	-1 187	14 237	6 795	63 890	3 352	12 540	16 219	20 284	11 978	63 890			
2002 Q2	35 402	5 898	652	-1 337	15 074	7 662	63 193	4 825	11 789	15 759	18 609	12 180	63 193			
2002 Q3	35 809	7 292	894	-1 469	15 485	8 426	66 004	4 046	12 609	16 420	20 849	12 436	66 004			
2002 Q4	37 745	7 862	1 519	-1 487	16 561	8 516	70 021	3 801	14 656	18 109	21 205	12 627	70 021			
2003 Q1	36 465	11 314	2 446	-3 017	15 187	9 111	71 127	3 824	14 824	17 683	22 249	12 465	71 127			
2003 Q2	34 587	6 521	781	-2 403	16 368	7 254	62 612	3 785	12 794	17 256	16 398	12 603	62 612			
2003 Q3	34 511	7 598	1 158	-3 274	17 007	9 889	66 217	3 620	13 925	18 216	18 007	12 648	66 217			
2003 Q4	36 559	7 949	1 308	-3 313	17 554	10 015	69 444	3 027	14 488	18 911	20 303	13 085	69 444			
2004 Q1	37 279	12 181	1 773	-2 533	17 279	9 927	75 084	3 221	16 887	19 121	23 299	12 879	75 084			
2004 Q2	32 636	8 304	791	-2 460	17 060	9 628	65 348	3 742	13 023	17 886	18 588	12 538	65 348			
2004 Q3	32 853	9 264	1 063	-2 853	17 610	11 176	68 091	3 116	13 034	18 713	20 839	12 943	68 091			
2004 Q4	34 085	9 908	1 252	-2 399	17 471	9 383	68 763	2 545	14 200	18 755	20 499	13 272	68 763			
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	35 780	10 783	741	-1 020	17 233	7 833	68 549	3 478	12 550	19 799	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	10 564	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	43 474	16 255	1 606	-126	13 938	4 042	79 189	4 211	14 774	15 601	27 471	17 132	79 189			
2015 Q2	43 525	9 646	628	-143	15 841	4 562	74 059	4 935	13 589	16 517	22 356	16 662	74 059			
2015 Q3	45 100	10 675	1 044	-175	15 615	5 481	77 740	4 391	15 109	16 704	24 884	16 652	77 740			
2015 Q4	45 134	10 698	1 015	-175	15 915	5 569	78 156	4 059								

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 ¹ ASSET ⁶	Sector						Asset							
	Public corporations ²			Private sector			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
	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					AN.111	AN.112		
	S.1MG	S.13	S.11001	S.11001	S.1PT	S.1PT					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		
1997 Q2	3.4	-48.7	-70.8	31.8	-1.3	32.9	-3.8	-4.2	-0.4	-9.0	-8.3	2.0	-3.8	
1997 Q3	4.4	30.5	43.4	-10.3	1.1	-10.2	4.8	-5.5	6.9	2.6	9.6	1.8	4.8	
1997 Q4	8.4	4.4	10.0	-1.0	6.3	6.9	6.9	-14.1	15.7	5.5	6.9	2.8	6.9	
1998 Q1	0.7	53.2	95.0	-19.7	-5.5	-18.4	3.7	60.2	-6.7	-1.3	10.7	-0.9	3.7	
1998 Q2	-3.4	-45.8	-55.9	1.9	6.7	1.9	-7.7	-9.1	-3.7	1.5	-22.6	1.1	-7.7	
1998 Q3	1.1	24.6	56.8	27.5	-3.1	27.4	3.9	-13.0	-1.2	-0.9	22.4	1.4	3.9	
1998 Q4	11.6	8.7	-14.5	-18.1	-2.2	-17.8	7.1	-2.7	20.2	-2.9	3.0	5.3	7.1	
1999 Q1	-4.2	39.2	55.0	22.2	-3.3	25.8	1.9	8.2	-7.3	-0.4	11.9	2.0	1.9	
1999 Q2	-5.8	-40.2	-45.6	-12.6	4.0	-12.4	-9.6	-17.4	-9.5	0.3	-19.3	-0.3	-9.6	
1999 Q3	4.0	10.8	-17.5	39.3	1.8	38.9	6.3	-8.9	4.8	1.0	18.5	1.4	6.3	
1999 Q4	1.2	3.5	40.8	2.7	-5.5	2.8	0.8	-10.7	-1.4	-3.9	5.6	2.2	0.8	
2000 Q1	1.2	43.2	35.2	-1.5	6.2	0.0	5.8	10.4	7.6	7.7	7.3	-0.3	5.8	
2000 Q2	3.1	-41.4	-59.2	-8.0	1.2	-8.0	-4.1	29.5	6.3	-2.7	-22.8	2.7	-4.1	
2000 Q3	-6.1	9.0	44.5	-3.9	-0.1	-4.0	-3.6	-21.3	-14.4	1.1	9.1	-2.3	-3.6	
2000 Q4	8.9	14.0	19.5	0.3	-3.6	0.3	6.6	6.0	13.6	-2.7	8.7	3.5	6.6	
2001 Q1	-7.2	35.0	110.4	11.0	-2.5	7.0	-0.8	-14.9	-11.7	3.0	6.2	3.0	-0.8	
2001 Q2	-0.5	-29.9	-48.1	2.5	0.2	2.6	-4.6	77.6	-11.6	-4.6	-13.1	0.4	-4.6	
2001 Q3	-3.6	20.3	23.5	27.1	4.5	27.4	2.6	-23.5	6.0	5.6	7.0	0.3	2.6	
2001 Q4	2.0	5.1	17.4	-7.9	-5.4	-8.2	0.3	-37.5	12.1	-4.1	-2.1	4.2	0.3	
2002 Q1	-5.3	25.3	66.7	-1.2	-0.6	-5.6	-0.5	75.1	-6.5	4.5	-1.7	-6.5	-0.5	
2002 Q2	5.6	-36.5	-66.3	12.6	5.9	12.8	-1.1	43.9	-6.0	-2.8	-8.3	1.7	-1.1	
2002 Q3	1.1	23.6	37.1	9.9	2.7	10.0	4.4	-16.1	7.0	4.2	12.0	2.1	4.4	
2002 Q4	5.4	7.8	69.9	1.2	6.9	1.1	6.1	-6.1	16.2	10.3	1.7	1.5	6.1	
2003 Q1	-3.4	43.9	61.0	102.9	-8.3	7.0	1.6	0.6	1.1	-2.4	4.9	-1.3	1.6	
2003 Q2	-5.2	-42.4	-68.1	-20.4	7.8	-20.4	-12.0	-1.0	-13.7	-2.4	-26.3	1.1	-12.0	
2003 Q3	-0.2	16.5	48.3	36.2	3.9	36.3	5.8	-4.4	8.8	5.6	9.8	0.4	5.8	
2003 Q4	5.9	4.6	13.0	1.2	3.2	1.3	4.9	-16.4	4.0	3.8	12.8	3.5	4.9	
2004 Q1	2.0	53.2	35.6	-23.5	-1.6	-0.9	8.1	6.4	16.6	1.1	14.8	-1.6	8.1	
2004 Q2	-11.6	-31.8	-55.4	-2.9	-1.3	-3.0	-13.0	16.2	-22.9	-6.5	-20.2	-2.6	-13.0	
2004 Q3	-0.3	11.6	34.4	16.0	3.2	16.1	4.2	-16.7	0.1	4.6	12.1	3.2	4.2	
2004 Q4	3.8	7.0	17.8	-15.9	-0.8	-16.0	1.0	-18.3	8.9	0.2	-1.6	2.5	1.0	
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	-59.9	-21.0	0.4	-20.9	-11.4	15.6	-8.8	-0.0	-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	-46.0	-66.2	20.3	-2.7	16.4	-17.9	20.4	-25.1	-10.3	-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	-3.4	46.3	66.4	-22.7	-6.0	-22.1	3.0	9.9	-5.7	-1.5	12.1	0.3	3.0	
2015 Q2	0.1	-40.7	-60.9	13.5	13.7	12.9	-6.5	17.2	-8.0	5.9	-18.6	-2.7	-6.5	
2015 Q3	3.6	10.7	66.2	22.4	-1.4	20.1	5.0	-11.0	11.2	1.1	11.3	-0.1	5.0	
2015 Q4	0.1	0.2	-2.8	0.0	1.9	1.6	0.5	-7.6	2.5	1.6	-1.2	2.4	0.5	
2016 Q1	-7.7	47.0	40.7	-12.0	-6.4	-11.9	0.4	3.0	-5.5	-3.6	6.3	0.5	0.4	
2016 Q2	4.7	-39.6	-57.8	3.9	9.0	3.7	-4.5	36.9	-5.5	3.2	-16.6	-2.8	-4.5	
2016 Q3	0.6	19.3	42.6	6.9	-0.7	6.8	3.4	-12.3	6.3	0.8	10.0	0.4	3.4	
2016 Q4	3.5	0.2	22.7	6.4	1.6	6.3	3.0	-3.0	1.3	2.8	5.6	2.9	3.0	

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 ⁵ ASSET ⁵	Sector							Asset						TOTAL
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ³		Other buildings and structures and transfer costs ⁴		Intellectual property products	
	Business investment ¹	General Government	Costs of ownership transfer on non- produced assets		Costs of ownership transfer on non- produced assets		TOTAL		Dwellings ³	Dwellings ³	Dwellings ³	Dwellings ³		
			S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116								
1998 Q1	17.8	7.1	-26.5	-6.1	0.2	-4.0	11.8	24.5	14.8	-2.8	19.0	5.8	11.8	
1998 Q2	10.1	13.0	11.0	-27.4	8.4	-26.3	7.2	18.1	11.1	8.5	0.4	4.9	7.2	
1998 Q3	6.7	7.9	21.4	3.3	3.9	4.5	6.4	8.7	2.7	4.7	12.1	4.5	6.4	
1998 Q4	9.8	12.3	15.4	-14.5	-4.5	-12.9	6.5	23.2	6.7	-3.6	8.1	7.0	6.5	
1999 Q1	4.5	2.0	-8.3	30.1	-2.2	34.3	4.6	-16.8	6.1	-2.7	9.2	10.1	4.6	
1999 Q2	1.9	12.6	13.1	11.6	-4.6	15.4	2.5	-24.3	-0.4	-3.9	13.9	8.5	2.5	
1999 Q3	4.8	0.2	-40.5	21.9	0.1	25.9	4.8	-20.8	5.7	-2.1	10.2	8.5	4.8	
1999 Q4	-4.9	-4.6	-2.0	52.8	-3.2	57.4	-1.3	-27.3	-13.3	-3.0	13.0	5.3	-1.3	
2000 Q1	0.5	-1.9	-14.5	23.2	6.3	25.1	2.5	-25.8	0.6	4.9	8.3	3.0	2.5	
2000 Q2	9.9	-3.9	-35.9	29.8	3.3	31.4	8.8	16.2	18.1	1.7	3.6	6.1	8.8	
2000 Q3	-0.8	-5.4	12.2	-10.5	1.5	-9.2	-1.3	0.4	-3.5	1.9	-4.5	2.3	-1.3	
2000 Q4	6.7	4.2	-4.7	-12.6	3.6	-11.3	4.4	19.3	11.1	3.2	-1.8	3.6	4.4	
2001 Q1	-2.2	-1.8	48.3	-1.6	-5.0	-5.1	-2.2	-8.1	-8.8	-1.4	-2.8	7.0	-2.2	
2001 Q2	-5.6	17.5	88.5	9.6	-5.9	5.8	-2.7	26.1	-24.1	-3.3	9.4	4.6	-2.7	
2001 Q3	-3.1	29.7	61.1	45.0	-1.6	40.4	3.4	22.5	-6.0	1.0	7.3	3.4	3.4	
2001 Q4	-9.3	19.6	58.2	33.1	-3.5	28.5	-2.6	-27.8	-7.2	-0.5	-3.4	8.1	-2.6	
2002 Q1	-7.4	11.0	25.3	18.5	-1.6	13.4	-2.3	48.6	-1.8	0.9	-10.6	-1.9	-2.3	
2002 Q2	-1.8	0.6	-18.6	30.2	4.0	24.6	1.3	20.5	4.5	2.8	-5.6	-0.6	1.3	
2002 Q3	3.1	3.4	-9.6	12.6	2.2	7.5	3.2	32.1	5.4	1.4	-1.1	1.2	3.2	
2002 Q4	6.6	6.1	30.8	23.7	15.6	18.4	9.1	98.6	9.2	16.6	2.7	-1.4	9.1	
2003 Q1	8.7	21.8	26.4	154.2	6.7	34.1	11.3	14.1	18.2	9.0	9.7	4.1	11.3	
2003 Q2	-2.3	10.6	19.8	79.7	8.6	-5.3	-0.9	-21.6	8.5	9.5	-11.9	3.5	-0.9	
2003 Q3	-3.6	4.2	29.5	122.9	9.8	17.4	0.3	-10.5	10.4	10.9	-13.6	1.7	0.3	
2003 Q4	-3.1	1.1	-13.9	122.8	6.0	17.6	-0.8	-20.4	-1.1	4.4	-4.3	3.6	-0.8	
2004 Q1	2.2	7.7	-27.5	-16.0	13.8	9.0	5.6	-15.8	13.9	8.1	4.7	3.3	5.6	
2004 Q2	-4.8	27.3	1.3	2.4	4.2	32.7	4.4	-1.1	1.8	3.7	13.4	-0.5	4.4	
2004 Q3	-4.8	21.9	-8.2	-12.9	3.5	13.0	2.8	-13.9	-6.4	2.7	15.7	2.3	2.8	
2004 Q4	-6.8	24.6	-4.3	-27.6	-0.5	-6.3	-1.0	-15.9	-2.0	-0.8	1.0	1.4	-1.0	
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	9.6	-9.2	17.9	-3.1	-4.5	-3.2	2.1	110.8	-1.9	-2.5	0.5	-0.1	2.1	
2015 Q2	4.6	9.8	21.5	-4.7	9.4	-4.7	5.7	62.9	-7.5	9.8	4.9	4.3	5.7	
2015 Q3	6.5	-0.6	18.9	0.6	3.7	-0.1	4.5	38.6	-3.5	4.5	6.4	3.0	4.5	
2015 Q4	0.3	-3.7	5.2	7.4	7.3	7.4	1.6	6.0	-1.1	7.2	0.3	-0.2	1.6	
2016 Q1	-4.2	-3.3	-11.1	22.2	6.9	21.4	-0.9	-0.8	-0.9	4.9	-4.9	0.0	-0.9	
2016 Q2	0.2	-1.5	-4.0	11.9	2.5	11.5	1.1	15.9	1.8	2.3	-2.6	-0.1	1.1	
2016 Q3	-2.7	6.2	-17.6	-2.3	3.2	-0.8	-0.4	14.3	-2.6	2.0	-3.7	0.4	-0.4	
2016 Q4	0.6	6.2	3.9	4.0	2.9	3.8	2.1	20.0	-3.8	3.1	2.9	0.9	2.1	

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, level, annual

£ million (Reference Year 2013)

SECTOR ⁴ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1			
														S.1NG BUS INV		
NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR				
1997	128 287	22 905	3 773	-3 157	59 130	18 394	225 752	11 625	49 006	62 903	66 247	39 203	225 752			
1998	142 342	25 104	3 619	-2 783	60 238	16 488	243 682	13 785	53 242	63 853	72 912	41 393	243 682			
1999	144 341	25 577	3 198	-3 587	58 729	21 934	250 037	10 753	52 700	61 986	81 256	44 731	250 037			
2000	150 098	25 146	2 814	-3 758	60 866	23 307	258 770	10 782	56 041	63 790	82 353	46 405	258 770			
2001	142 416	28 693	4 495	-4 536	58 446	27 171	255 914	11 237	49 433	63 115	84 106	49 547	255 914			
2002	142 490	30 340	5 000	-5 480	61 357	31 399	263 108	16 024	51 594	66 507	80 947	49 221	263 108			
2003	142 122	33 382	5 693	-12 007	66 116	36 269	269 400	14 256	56 031	72 066	76 957	50 801	269 400			
2004	137 153	39 657	4 879	-10 245	69 420	40 114	277 286	12 624	57 144	74 475	83 225	51 632	277 286			
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	177 233	47 274	4 293	-619	61 309	19 654	309 144	17 596	58 965	65 801	99 292	67 490	309 144			
2016	174 529	47 918	3 946	-667	63 620	21 211	310 557	19 793	58 096	67 813	97 166	67 689	310 557			

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR ⁴ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1			
														S.1NG BUS INV		
NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR				
1998	11.0	9.6	-4.1	-11.8	1.9	-10.4	7.9	18.6	8.6	1.5	10.1	5.6	7.9			
1999	1.4	1.9	-11.6	28.9	-2.5	33.0	2.6	-22.0	-1.0	-2.9	11.4	8.1	2.6			
2000	4.0	-1.7	-12.0	4.8	3.6	6.3	3.5	0.3	6.3	2.9	1.4	3.7	3.5			
2001	-5.1	14.1	59.7	20.7	-4.0	16.6	-1.1	4.2	-11.8	-1.1	2.1	6.8	-1.1			
2002	0.1	5.7	11.2	20.8	5.0	15.6	2.8	42.6	4.4	5.4	-3.8	-0.7	2.8			
2003	-0.3	10.0	13.9	119.1	7.8	15.5	2.4	-11.0	8.6	8.4	-4.9	3.2	2.4			
2004	-3.5	18.8	-14.3	-14.7	5.0	10.6	2.9	-11.4	2.0	3.3	8.1	1.6	2.9			
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	-2.6	15.3	0.3	4.0	0.1	3.4	46.3	-3.4	4.7	2.9	1.7	3.4			
2016	-1.5	1.4	-8.1	7.8	3.8	7.9	0.5	12.5	-1.5	3.1	-2.1	0.3	0.5			

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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

Current price, seasonally adjusted, level

£ million (Reference Year 2013)

SECTOR ^a ASSET ^b	Sector										Asset					
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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							
				S.1NG	S.11001		S.11001	S.1PT		S.1						
BUS INV	TOTAL	AN.111	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	S.1	AN.112 AN.116	AN.117	TOTAL		
	NPEK	RP2G	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS			
1997 Q1	26 600	3 750	537	-527	6 356	2 955	39 671	3 071	12 192	6 893	9 024	8 491	39 671			
1997 Q2	27 910	3 736	394	-604	6 090	3 627	41 153	2 930	12 416	6 484	10 749	8 574	41 153			
1997 Q3	29 048	3 947	363	-516	6 249	3 037	42 128	3 148	12 859	6 612	10 883	8 626	42 128			
1997 Q4	29 533	4 000	329	-539	6 756	3 119	43 198	2 943	13 147	7 085	11 326	8 697	43 198			
1998 Q1	30 410	4 099	399	-466	6 615	2 742	43 799	3 755	13 038	7 013	11 240	8 753	43 799			
1998 Q2	30 334	4 243	426	-482	6 964	2 864	44 349	3 228	13 426	7 392	11 367	8 936	44 349			
1998 Q3	30 386	4 257	436	-546	6 790	3 254	44 577	3 214	12 545	7 225	12 630	8 963	44 577			
1998 Q4	31 750	4 480	371	-473	6 818	2 794	45 740	3 431	13 321	7 189	12 588	9 211	45 740			
1999 Q1	31 528	4 365	370	-618	6 831	3 755	46 231	3 056	13 310	7 202	13 111	9 552	46 231			
1999 Q2	30 848	4 696	497	-561	7 064	3 424	45 968	2 402	13 192	7 568	13 120	9 686	45 968			
1999 Q3	32 253	4 419	278	-683	7 195	4 204	47 666	2 615	13 348	7 483	14 406	9 814	47 666			
1999 Q4	30 467	4 395	384	-741	7 056	4 534	46 095	2 502	11 649	7 452	14 665	9 827	46 095			
2000 Q1	31 711	4 423	349	-760	7 731	4 683	48 137	2 184	13 125	8 094	14 852	9 882	48 137			
2000 Q2	34 188	4 666	345	-747	7 695	4 582	50 729	2 588	15 569	8 055	14 207	10 310	50 729			
2000 Q3	32 214	4 428	356	-610	7 726	3 820	47 934	2 588	12 888	8 095	14 286	10 077	47 934			
2000 Q4	33 415	4 768	371	-656	7 592	4 114	49 604	2 966	13 249	7 977	15 190	10 222	49 604			
2001 Q1	33 011	4 474	514	-785	7 621	4 621	48 456	2 074	12 351	8 164	15 172	10 695	48 456			
2001 Q2	32 688	5 472	667	-863	7 655	5 037	50 656	3 118	12 309	8 338	16 024	10 867	50 656			
2001 Q3	31 827	5 825	595	-921	7 906	5 570	50 802	3 055	12 319	8 527	15 981	10 920	50 802			
2001 Q4	30 244	5 995	611	-885	7 864	5 462	49 291	2 208	12 110	8 495	15 418	11 060	49 291			
2002 Q1	30 302	5 329	703	-1 040	7 933	5 672	48 899	3 253	11 880	8 663	14 485	10 618	48 899			
2002 Q2	31 685	5 516	609	-1 121	8 429	6 332	51 450	3 608	11 953	9 057	15 977	10 855	51 450			
2002 Q3	32 807	6 342	637	-1 074	8 899	6 225	53 836	3 965	12 398	9 559	16 790	11 124	53 836			
2002 Q4	32 372	6 571	888	-1 102	9 677	6 622	55 028	4 250	12 744	10 580	16 478	10 976	55 028			
2003 Q1	32 130	6 626	994	-2 583	9 331	7 535	54 033	3 760	12 766	10 357	16 177	10 973	54 033			
2003 Q2	30 954	6 834	826	-2 256	10 025	6 561	52 944	3 154	12 442	10 915	15 216	11 217	52 944			
2003 Q3	30 671	6 219	869	-2 403	10 459	7 337	53 152	3 515	12 568	11 359	14 536	11 174	53 152			
2003 Q4	30 908	6 609	820	-2 386	11 097	7 654	54 702	3 217	12 182	11 950	16 135	11 218	54 702			
2004 Q1	32 990	7 294	744	-2 196	11 450	8 178	58 460	3 079	14 546	12 240	17 407	11 188	58 460			
2004 Q2	28 901	8 654	879	-2 322	11 181	8 761	56 054	2 993	12 221	12 083	17 680	11 077	56 054			
2004 Q3	28 673	7 489	794	-2 074	11 616	8 320	54 818	2 751	11 319	12 436	17 002	11 310	54 818			
2004 Q4	28 412	8 416	818	-1 712	11 779	7 255	54 968	3 059	11 331	12 617	16 603	11 358	54 968			
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	2 890	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	37 930	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	35 830	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											

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					Transport equipment			ICT equipment and other machinery and equipment ⁵			Other buildings and structures and transfer costs ⁴			Intellectual property products
	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	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1PT	S.1	S.1	S.1	S.1	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				
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W							
1997 Q2	4.9	-0.4	-26.6	14.6	-4.2	22.7	3.7	-4.6	1.8	-5.9	19.1	1.0	3.7							
1997 Q3	4.1	5.6	-7.9	-14.6	2.6	-16.3	2.4	7.4	3.6	2.0	1.2	0.6	2.4							
1997 Q4	1.7	1.3	-9.4	4.5	8.1	2.7	2.5	-6.5	2.2	7.2	4.1	0.8	2.5							
1998 Q1	3.0	2.5	21.3	-13.5	-2.1	-12.1	1.4	27.6	-0.8	-1.0	-0.8	0.6	1.4							
1998 Q2	-0.2	3.5	6.8	3.4	5.3	4.4	1.3	-14.0	3.0	5.4	1.1	2.1	1.3							
1998 Q3	0.2	0.3	2.3	13.3	-2.5	13.6	0.5	-0.4	-6.6	-2.3	11.1	0.3	0.5							
1998 Q4	4.5	5.2	-14.9	-13.4	0.4	-14.1	2.6	6.8	6.2	-0.5	-0.3	2.8	2.6							
1999 Q1	-0.7	-2.6	-0.3	30.7	0.2	34.4	1.1	-10.9	-0.1	0.2	4.2	3.7	1.1							
1999 Q2	-2.2	7.6	34.3	-9.2	3.4	-8.8	-0.6	-21.4	-0.9	5.1	0.1	1.4	-0.6							
1999 Q3	4.6	-5.9	-44.1	21.7	1.9	22.8	3.7	8.9	1.2	-1.1	9.8	1.3	3.7							
1999 Q4	-5.5	-0.5	38.1	8.5	-1.9	7.8	-3.3	-4.3	-12.7	-0.4	1.8	0.1	-3.3							
2000 Q1	4.1	0.6	-9.1	2.6	9.6	3.3	4.4	-12.7	12.7	8.6	1.3	0.6	4.4							
2000 Q2	7.8	5.5	-1.1	-1.7	-0.5	-2.2	5.4	18.5	18.6	-0.5	-4.3	4.3	5.4							
2000 Q3	-5.8	-5.1	3.2	-18.3	0.4	-16.6	-5.5	0.0	-17.2	0.6	0.6	-2.3	-5.5							
2000 Q4	3.7	7.7	4.2	7.5	-1.7	7.7	3.5	14.6	2.8	-1.5	6.3	1.4	3.5							
2001 Q1	-4.2	-6.2	38.5	19.7	0.4	12.3	-2.3	-30.1	-6.8	2.3	-0.1	4.6	-2.3							
2001 Q2	2.1	22.3	29.8	9.9	0.4	9.0	4.5	50.3	-0.3	2.1	5.6	1.6	4.5							
2001 Q3	-2.6	6.5	-10.8	6.7	3.3	10.6	0.3	-2.0	0.1	2.3	-0.3	0.5	0.3							
2001 Q4	-5.0	2.9	2.7	-3.9	-0.5	-1.9	-3.0	-27.7	-1.7	-0.4	-3.5	1.3	-3.0							
2002 Q1	0.2	-11.1	15.1	17.5	0.9	3.8	-0.8	47.3	-1.9	2.0	-6.1	-4.0	-0.8							
2002 Q2	4.6	3.5	-13.4	7.8	6.3	11.6	5.2	10.9	0.6	4.5	10.3	2.2	5.2							
2002 Q3	3.5	15.0	4.6	-4.2	5.6	-1.7	4.6	9.9	3.7	5.5	5.1	2.5	4.6							
2002 Q4	-1.3	3.6	39.4	2.6	8.7	6.4	2.2	7.2	2.8	10.7	-1.9	-1.3	2.2							
2003 Q1	-0.7	0.8	11.9	134.4	-3.6	13.8	-1.8	-11.5	0.2	-2.1	-1.8	0.0	-1.8							
2003 Q2	-3.7	3.1	-16.9	-12.7	7.4	-12.9	-2.0	-16.1	-2.5	5.4	-5.9	2.2	-2.0							
2003 Q3	-0.9	-9.0	5.2	6.5	4.3	11.8	0.4	11.4	1.0	4.1	-4.5	-0.4	0.4							
2003 Q4	0.8	6.3	-5.6	-0.7	6.1	4.3	2.9	-8.5	-3.1	5.2	11.0	0.4	2.9							
2004 Q1	6.7	10.4	-9.3	-8.0	3.2	6.8	6.9	-4.3	19.4	2.4	7.9	-0.3	6.9							
2004 Q2	-12.4	18.6	18.1	5.7	-2.3	7.1	-4.1	-2.8	-16.0	-1.3	1.6	-1.0	-4.1							
2004 Q3	-0.8	-13.5	-9.7	-10.7	3.9	-5.0	-2.2	-8.1	-7.4	2.9	-3.8	2.1	-2.2							
2004 Q4	-0.9	12.4	3.0	-17.5	1.4	-12.8	0.3	11.2	0.1	1.5	-2.3	0.4	0.3							
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	2.7	4.2	7.1	-7.1	2.9	-6.9	2.4	23.6	0.6	3.2	1.5	0.1	2.4							
2015 Q2	1.4	4.2	3.1	7.0	4.3	7.1	2.8	-1.0	3.0	4.2	2.8	2.0	2.8							
2015 Q3	1.1	-5.0	4.6	5.2	-0.8	3.6	-0.1	0.6	1.1	-0.5	0.4	-1.6	-0.1							
2015 Q4	-2.8	0.8	-7.4	2.5	2.4	3.9	-0.9	-13.5	-3.9	1.8	0.8	-0.2	-0.9							
2016 Q1	-0.7	-0.8	-7.7	6.7	2.0	3.9	0.0	17.6	-1.5	1.4	-3.5	1.6	0.0							
2016 Q2	2.3	1.1	10.1	-4.5	0.7	-6.1	1.3	11.3	2.1	1.3	-1.2	2.0	1.3							
2016 Q3	1.2	4.6	-12.7	-6.5	0.0	1.6	1.3	-9.4	3.2	-0.8	5.1	-0.5	1.3							
2016 Q4	-1.3	2.3	16.0	8.3	2.2	6.4	0.7	-5.9	0.9	3.1	0.7	-0.5	0.7							

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 in 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 ⁶ ASSET ⁶	Sector							Asset								
	Public corporations ²				Private sector			Total	Transport equipment		ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³		Costs of ownership transfer on non-produced assets		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	
			L64G	L64J	L64M	L64P										
KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG7E				
1998 Q1	14.3	9.3	-25.7	-11.6	4.1	-7.2	10.4	22.3	6.9	1.7	24.6	3.1	10.4			
1998 Q2	8.7	13.6	8.1	-20.2	14.4	-21.0	7.8	10.2	8.1	14.0	5.7	4.2	7.8			
1998 Q3	4.6	7.9	20.1	5.8	8.7	7.1	5.8	2.1	-2.4	9.3	16.1	3.9	5.8			
1998 Q4	7.5	12.0	12.8	-12.2	0.9	-10.4	5.9	16.6	1.3	1.5	11.1	5.9	5.9			
1999 Q1	3.7	6.5	-7.3	32.6	3.3	36.9	5.6	-18.6	2.1	2.7	16.6	9.1	5.6			
1999 Q2	1.7	10.7	16.7	16.4	1.4	19.6	3.7	-25.6	-1.7	2.4	15.4	8.4	3.7			
1999 Q3	6.1	3.8	-36.2	25.1	6.0	29.2	6.9	-18.6	6.4	3.6	14.1	9.5	6.9			
1999 Q4	-4.0	-1.9	3.5	56.7	3.5	62.3	0.8	-27.1	-12.6	3.7	16.5	6.7	0.8			
2000 Q1	0.6	1.3	-5.7	23.0	13.2	24.7	4.1	-28.5	-1.4	12.4	13.3	3.5	4.1			
2000 Q2	10.8	-0.6	-30.6	33.2	8.9	33.8	10.4	7.7	18.0	6.4	8.3	6.4	10.4			
2000 Q3	-0.1	0.2	28.1	-10.7	7.4	-9.1	0.6	-1.0	-3.4	8.2	-0.8	2.7	0.6			
2000 Q4	9.7	8.5	-3.4	-11.5	7.6	-9.3	7.6	18.5	13.7	7.0	3.6	4.0	7.6			
2001 Q1	0.9	1.2	47.3	3.3	-1.4	-1.3	0.7	-5.0	-5.9	0.9	2.2	8.2	0.7			
2001 Q2	-4.4	17.3	93.3	15.5	-0.5	9.9	-0.1	20.5	-20.9	3.5	12.8	5.4	-0.1			
2001 Q3	-1.2	31.5	67.1	51.0	2.3	45.8	6.0	18.0	-4.4	5.3	11.9	8.4	6.0			
2001 Q4	-9.5	25.7	64.7	34.9	3.6	32.8	-0.6	-25.6	-8.6	6.5	1.5	8.2	-0.6			
2002 Q1	-5.3	19.1	36.8	32.5	4.1	22.7	0.9	56.8	-3.8	6.1	-4.5	-0.7	0.9			
2002 Q2	-3.1	0.8	-8.7	29.9	10.1	25.7	1.6	15.7	-2.9	8.6	-0.3	-0.1	1.6			
2002 Q3	3.1	8.9	7.1	16.6	12.6	11.8	6.0	29.8	0.6	12.1	5.1	1.9	6.0			
2002 Q4	7.0	9.6	45.3	24.5	23.1	21.2	11.6	92.5	5.2	24.5	6.9	-0.8	11.6			
2003 Q1	6.0	24.3	41.4	148.4	17.6	32.8	10.5	15.6	7.5	19.6	11.7	3.3	10.5			
2003 Q2	-2.3	23.9	35.6	101.2	18.9	3.6	2.9	-12.6	4.1	20.5	-4.8	3.3	2.9			
2003 Q3	-6.5	-1.9	36.4	123.7	17.5	17.9	-1.3	-11.3	1.4	18.8	-13.4	0.4	-1.3			
2003 Q4	-4.5	0.6	-7.7	116.5	14.7	15.6	-0.6	-24.3	-4.4	12.9	-2.1	2.2	-0.6			
2004 Q1	2.7	10.1	-25.2	-15.0	22.7	8.5	8.2	-18.1	13.9	18.2	7.6	2.0	8.2			
2004 Q2	-6.6	26.6	6.4	2.9	11.5	33.5	5.9	-5.1	-1.8	10.7	16.2	-1.2	5.9			
2004 Q3	-6.5	20.4	-8.6	-13.7	11.1	13.4	3.1	-21.7	-9.9	9.5	17.0	1.2	3.1			
2004 Q4	-8.1	27.3	-0.2	-28.2	6.1	-5.2	0.5	4.9	-7.0	5.6	2.9	1.2	0.5			
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	11.1	-16.9	21.3	-3.4	-2.7	-4.3	2.0	133.3	1.7	-1.4	-3.5	-0.1	2.0			
2015 Q2	5.2	13.2	19.7	-3.8	10.6	-4.2	7.0	54.0	-2.3	11.2	7.0	4.1	7.0			
2015 Q3	7.6	2.2	19.7	0.6	5.3	1.1	6.0	36.8	-1.4	6.2	8.7	3.1	6.0			
2015 Q4	2.2	3.9	7.0	7.1	9.0	7.4	4.2	6.5	0.7	8.9	5.6	0.3	4.2			
2016 Q1	-1.1	-1.0	-7.8	23.1	8.1	19.8	1.8	1.3	-1.4	7.0	0.4	1.7	1.8			
2016 Q2	-0.2	-4.0	-1.6	9.8	4.3	5.0	0.4	13.9	-2.3	4.0	-3.5	1.7	0.4			
2016 Q3	-0.1	5.8	-17.9	-2.5	5.2	3.0	1.8	2.6	-0.2	3.7	1.0	2.8	1.8			
2016 Q4	1.5	7.3	2.8	3.0	5.0	5.5	3.4	11.6	4.7	5.1	0.9	2.5	3.4			

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 ⁴ ASSET ⁵	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1	S.1	S.1		
	S.1NG BUS INV	S.13 TOTAL	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		
	NPEK	RP2G	L62R	L62S	L62T	L62U	NPOS	TLPX	TLPW	GGAE	EQED	TLPK	NPOS		
1997	113 091	15 433	1 623	-2 186	25 451	12 738	166 150	12 092	50 614	27 074	41 982	34 388	166 150		
1998	122 880	17 079	1 632	-1 967	27 187	11 654	178 465	13 628	52 330	28 819	47 825	35 863	178 465		
1999	125 096	17 875	1 529	-2 603	28 146	15 917	185 960	10 575	51 499	29 705	55 302	38 879	185 960		
2000	131 528	18 285	1 421	-2 773	30 744	17 199	196 404	10 326	54 831	32 221	58 535	40 491	196 404		
2001	126 770	21 766	2 387	-3 454	31 046	20 690	199 205	10 455	49 089	33 524	62 595	43 542	199 205		
2002	127 166	23 758	2 837	-4 337	34 938	24 851	209 213	15 076	48 975	37 859	63 730	43 573	209 213		
2003	124 663	26 288	3 509	-9 628	40 912	29 087	214 831	13 646	49 958	44 581	62 064	44 582	214 831		
2004	118 976	31 853	3 235	-8 304	46 026	32 514	224 300	11 882	49 417	49 376	68 692	44 933	224 300		
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	180 163	49 256	4 475	-622	64 028	19 756	317 056	16 698	59 802	68 711	103 825	68 020	317 056		
2016	180 189	50 223	4 193	-671	67 626	21 341	322 901	17 894	59 909	72 082	103 507	69 509	322 901		

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

SECTOR ⁴ ASSET ⁵	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1	S.1	S.1		
	S.1NG BUS INV	S.13 TOTAL	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		
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
1998	8.7	10.7	0.6	-10.0	6.8	-8.5	7.4	12.7	3.4	6.4	13.9	4.3	7.4		
1999	1.8	4.7	-6.3	32.3	3.5	36.6	4.2	-22.4	-1.6	3.1	15.6	8.4	4.2		
2000	5.1	2.3	-7.1	6.5	9.2	8.1	5.6	-2.4	6.5	8.5	5.8	4.1	5.6		
2001	-3.6	19.0	68.0	24.6	1.0	20.3	1.4	1.2	-10.5	4.0	6.9	7.5	1.4		
2002	0.3	9.2	18.9	25.6	12.5	20.1	5.0	44.2	-0.2	12.9	1.8	0.1	5.0		
2003	-2.0	10.6	23.7	122.0	17.1	17.0	2.7	-9.5	2.0	17.8	-2.6	2.3	2.7		
2004	-4.6	21.2	-7.8	-13.8	12.5	11.8	4.4	-12.9	-1.1	10.8	10.7	0.8	4.4		
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	-0.6	16.7	0.2	5.4	0.0	4.8	47.5	-0.4	6.1	4.3	1.8	4.8		
2016	0.0	2.0	-6.3	7.9	5.6	8.0	1.8	7.2	0.2	4.9	-0.3	2.2	1.8		

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 ^a ASSET ^b	Sector													Asset					
	Public corporations ²						Private sector							Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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	Dwellings ³	Dwellings ³	Dwellings ³	Dwellings ³						
	S.1NG	S.11001	S.11001	S.11001	S.11001	S.1PT	S.1PT	S.1	AN.111					AN.112	AN.112	AN.112	AN.112		
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.117	TOTAL				
	NPEM	NNBF	LSYQ	LSZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DXP	NPQX						
1997 Q1	26 682	5 334	773	-464	6 240	2 685	41 250	3 373	12 037	7 013	10 372	8 455	41 250						
1997 Q2	27 349	2 748	225	-615	6 139	3 593	39 439	3 183	11 797	6 364	9 561	8 534	39 439						
1997 Q3	28 275	3 574	327	-555	6 294	3 245	41 160	2 979	12 442	6 621	10 557	8 561	41 160						
1997 Q4	30 785	3 777	298	-552	6 778	3 215	44 301	2 557	14 338	7 076	11 492	8 838	44 301						
1998 Q1	30 811	5 794	590	-443	6 495	2 623	45 870	4 066	13 156	7 085	12 803	8 760	45 870						
1998 Q2	29 407	3 117	263	-456	7 007	2 702	42 040	3 508	12 528	7 270	9 894	8 840	42 040						
1998 Q3	29 657	3 896	416	-587	6 849	3 472	43 703	3 062	12 209	7 265	12 266	8 901	43 703						
1998 Q4	33 005	4 272	363	-481	6 836	2 857	46 852	2 992	14 437	7 199	12 862	9 362	46 852						
1999 Q1	31 868	5 976	570	-590	6 701	3 608	48 133	3 285	13 498	7 271	14 536	9 543	48 133						
1999 Q2	30 000	3 609	316	-522	7 099	3 197	43 699	2 707	12 306	7 424	11 669	9 593	43 699						
1999 Q3	31 398	4 071	263	-737	7 281	4 501	46 777	2 430	12 889	7 554	14 152	9 752	46 777						
1999 Q4	31 830	4 219	380	-754	7 065	4 611	47 351	2 153	12 806	7 456	14 945	9 991	47 351						
2000 Q1	32 105	6 123	519	-741	7 583	4 596	50 185	2 356	13 540	8 117	16 289	9 883	50 185						
2000 Q2	33 158	3 605	213	-689	7 725	4 275	48 287	3 065	14 353	7 952	12 721	10 196	48 287						
2000 Q3	31 481	3 964	313	-668	7 842	4 144	47 076	2 383	12 485	8 168	14 034	10 006	47 076						
2000 Q4	34 784	4 593	376	-675	7 594	4 184	50 856	2 222	14 453	7 984	15 491	10 406	50 856						
2001 Q1	33 253	6 258	799	-760	7 477	4 543	50 570	2 113	12 776	8 306	16 680	10 695	50 570						
2001 Q2	32 029	4 435	425	-772	7 669	4 624	48 410	3 734	11 282	8 110	14 555	10 729	48 410						
2001 Q3	31 038	5 368	525	-999	8 035	5 996	49 963	2 839	11 924	8 585	15 758	10 857	49 963						
2001 Q4	31 450	5 705	638	-923	7 865	5 527	50 262	1 769	13 107	8 523	15 602	11 261	50 262						
2002 Q1	29 878	7 235	1 060	-928	7 792	5 311	50 348	3 124	12 039	8 878	15 739	10 568	50 348						
2002 Q2	31 760	4 642	365	-1 055	8 425	6 046	50 183	4 509	11 442	8 808	14 638	10 786	50 183						
2002 Q3	32 171	5 760	522	-1 173	9 030	6 728	53 038	3 806	11 983	9 576	16 625	11 048	53 038						
2002 Q4	33 357	6 121	890	-1 181	9 691	6 766	55 644	3 637	13 511	10 597	16 728	11 171	55 644						
2003 Q1	31 994	8 831	1 478	-2 410	9 168	7 279	56 340	3 640	13 303	10 679	17 720	10 998	56 340						
2003 Q2	30 320	5 133	479	-1 928	10 022	5 821	49 847	3 645	11 382	10 565	13 209	11 046	49 847						
2003 Q3	30 208	5 990	721	-2 640	10 582	7 976	52 837	3 480	12 343	11 335	14 592	11 087	52 837						
2003 Q4	32 141	6 334	831	-2 650	11 140	8 011	55 807	2 881	12 930	12 002	16 543	11 451	55 807						
2004 Q1	32 620	9 782	1 157	-2 026	11 264	7 938	60 735	3 046	14 875	12 467	19 121	11 226	60 735						
2004 Q2	28 352	6 644	520	-1 986	11 206	7 774	52 510	3 502	11 095	11 748	15 275	10 890	52 510						
2004 Q3	28 417	7 410	708	-2 333	11 713	9 139	55 054	2 916	11 220	12 447	17 235	11 236	55 054						
2004 Q4	29 587	8 017	850	-1 959	11 843	7 663	56 001	2 418	12 227	12 714	17 061	11 581	56 001						
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	4 434	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	35 654	10 984	712	-106	12 338	3 815	63 955	2 025	14 334	13 051	19 661	16 884	63 955						
2011 Q4	40 008	11 094	766	-104	12 814	3 322	67 900	2 472	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	44 615	16 923	1 660	-127	14 506	4 075	81 652	4 221	15 135	16 225	28 855	17 216	81 652						
2015 Q2	43 983	10 044	653	-144	16 443	4 599	75 578	4 542	13 938	17 145	23 214	16 739	75 578						
2015 Q3	45 312	11 096	1 094	-176	16 346	5 515	79 187	4 082	15 187	17 488	25 680	16 750	79 187						
2015 Q4	46 253	11 193	1 068	-175	16 733	5 567	80 639	3 853	15 542	17 853	26 076	17 315	80 639						

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 ⁶ ASSET ⁶	Sector										Asset						
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹ S.1MG	General Government S.13	Dwellings ³		Costs of ownership transfer on non- produced assets S.11001	Dwellings ³	Costs of ownership transfer on non- produced assets S.1PT	Total	S.1	S.1							S.1
			S.11001	AN.111													
1997 Q2	2.5	-48.5	-70.9	32.5	-1.6	33.8	-4.4	-5.6	-2.0	-9.3	-7.8	0.9	-4.4				
1997 Q3	3.4	30.1	45.3	-9.8	2.5	-9.7	4.4	-6.4	5.5	4.0	10.4	0.3	4.4				
1997 Q4	8.9	5.7	-8.9	-0.5	7.7	-0.9	7.6	-14.2	15.2	6.9	8.9	3.2	7.6				
1998 Q1	0.1	53.4	98.0	-19.7	-4.2	-18.4	3.5	59.0	-8.2	0.1	11.4	-0.9	3.5				
1998 Q2	-4.6	-46.2	-55.4	2.9	7.9	3.0	-8.3	-13.7	-4.8	2.6	-22.7	0.9	-8.3				
1998 Q3	0.9	25.0	58.2	28.7	-2.3	28.5	4.0	-12.7	-2.5	-0.1	24.0	0.7	4.0				
1998 Q4	11.3	9.7	-12.7	-18.1	-0.2	-17.7	7.2	-2.3	18.2	-0.9	4.9	5.2	7.2				
1999 Q1	-3.4	39.9	57.0	22.7	-2.0	26.3	2.7	9.8	-6.5	1.0	13.0	1.9	2.7				
1999 Q2	-5.9	-39.6	-44.6	-11.5	5.9	-11.4	-9.2	-17.6	-8.8	2.1	-19.7	0.5	-9.2				
1999 Q3	4.7	12.8	-16.8	41.2	2.6	40.8	7.0	-10.2	4.7	1.8	21.3	1.7	7.0				
1999 Q4	1.4	3.6	44.5	2.3	-3.0	2.4	1.2	-11.4	-0.6	-1.3	5.6	2.5	1.2				
2000 Q1	0.9	45.1	36.6	-1.7	7.3	-0.3	6.0	9.4	5.7	8.9	9.0	-1.1	6.0				
2000 Q2	3.3	-41.1	-59.0	-7.0	1.9	-7.0	-3.8	30.1	6.0	-2.0	-21.9	3.2	-3.8				
2000 Q3	-5.1	10.0	46.9	-3.0	1.5	-3.1	-2.5	-11.0	-22.3	-3.0	10.3	-1.9	-2.5				
2000 Q4	10.5	15.9	20.1	1.0	-3.2	1.0	8.0	5.8	15.8	-2.3	10.4	4.0	8.0				
2001 Q1	-7.3	36.3	112.5	12.6	-1.5	8.6	-0.6	-16.2	-11.6	4.0	7.7	2.8	-0.6				
2001 Q2	-0.7	-29.1	-46.8	1.6	2.6	1.8	-4.3	76.7	-11.7	-2.4	-12.7	0.3	-4.3				
2001 Q3	-3.1	21.0	23.5	29.4	4.8	29.7	3.2	-24.0	5.7	5.9	8.3	1.2	3.2				
2001 Q4	1.3	6.3	21.5	-7.6	-2.1	-7.8	0.6	-37.7	9.9	-0.7	-1.0	3.7	0.6				
2002 Q1	-5.0	26.8	66.1	0.5	-0.9	-3.9	0.2	76.6	-8.1	4.2	0.9	-6.2	0.2				
2002 Q2	6.3	-35.8	-65.6	13.7	8.1	13.8	-0.3	44.3	-5.0	-0.8	-7.0	2.1	-0.3				
2002 Q3	1.3	24.1	43.0	11.2	7.2	11.3	5.7	-15.6	4.7	8.7	13.6	2.4	5.7				
2002 Q4	3.7	6.3	70.5	0.7	7.3	0.6	4.9	-4.4	12.8	10.7	0.6	1.1	4.9				
2003 Q1	-4.1	44.3	66.1	104.1	-5.4	7.6	1.3	0.1	-1.5	0.8	5.9	-1.5	1.3				
2003 Q2	-5.2	-41.9	-67.6	-20.0	9.3	-20.0	-1.5	0.1	-14.4	-1.1	-25.5	0.4	-1.5				
2003 Q3	-0.4	16.7	59.5	36.9	5.6	37.0	6.0	-4.5	8.4	7.3	10.5	0.4	6.0				
2003 Q4	6.4	5.7	15.3	0.4	5.3	0.4	5.6	-17.2	4.8	5.9	13.4	3.3	5.6				
2004 Q1	1.5	54.4	39.2	-23.5	1.1	-0.9	8.8	5.7	15.0	3.9	15.6	-2.0	8.8				
2004 Q2	-13.1	-32.1	-55.1	-2.0	-0.5	-2.1	-13.5	15.0	-25.4	-5.8	-20.1	-3.0	-13.5				
2004 Q3	0.2	11.5	36.2	17.5	4.5	17.6	4.8	-16.7	1.1	5.9	12.8	3.2	4.8				
2004 Q4	4.1	8.2	20.1	-16.0	1.1	-16.2	1.7	-17.1	9.0	2.1	-1.0	3.1	1.7				
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	-1.8	48.5	66.2	-22.6	-5.4	-21.8	4.4	18.8	-2.8	-0.9	13.4	-0.2	4.4				
2015 Q2	-1.4	-40.6	-60.7	13.4	13.4	12.9	-7.4	7.6	-7.9	5.7	-19.5	-2.8	-7.4				
2015 Q3	3.0	10.5	67.5	22.2	-0.6	19.9	4.8	-10.1	9.0	2.0	10.6	0.1	4.8				
2015 Q4	2.1	0.9	-2.4	-0.6	2.4	0.9	1.8	-5.6	2.3	2.1	1.5	3.4	1.8				
2016 Q1	-7.9	45.7	40.9	-11.4	-6.3	-11.6	0.3	-1.6	-5.4	-3.4	5.8	1.2	0.3				
2016 Q2	5.4	-38.8	-57.5	3.9	9.9	4.1	-3.9	38.5	-3.5	4.0	-15.7	-2.5	-3.9				
2016 Q3	0.8	19.7	49.3	6.8	-0.3	7.0	3.7	-13.7	6.3	1.2	10.2	0.8	3.7				
2016 Q4	4.9	0.3	23.3	6.4	2.0	6.0	3.9	-4.5	5.9	3.3	5.4	2.6	3.9				

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.

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 ⁶ ASSET ⁶	Sector							Asset						Total
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products		
	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							
													S.1NG BUS INV	
1998 Q1	15.5	8.6	-23.7	-4.5	4.1	-2.3	11.2	20.5	9.3	1.0	23.4	3.6	11.2	
1998 Q2	7.5	13.4	16.9	-25.9	14.1	-24.8	6.6	10.2	6.2	14.2	3.5	3.6	6.6	
1998 Q3	4.9	9.0	27.2	5.8	8.8	7.0	6.2	2.8	-1.9	9.7	16.2	4.0	6.2	
1998 Q4	7.2	13.1	21.8	-12.9	0.9	-11.1	5.8	17.0	0.7	1.7	11.9	5.9	5.8	
1999 Q1	3.4	3.1	-3.4	33.2	3.2	37.6	4.9	-19.2	2.6	2.6	13.5	8.9	4.9	
1999 Q2	2.0	15.8	20.2	14.5	1.3	18.3	3.9	-22.8	-1.8	2.1	17.9	8.5	3.9	
1999 Q3	5.9	4.5	-36.8	25.6	6.3	29.6	7.0	-20.6	5.6	4.0	15.4	9.6	7.0	
1999 Q4	-3.6	-1.2	4.7	56.8	3.3	61.4	1.1	-28.0	-11.3	3.6	16.2	6.7	11.1	
2000 Q1	0.7	2.5	-8.9	25.6	13.2	27.4	4.3	-28.3	0.3	11.6	12.1	3.6	4.3	
2000 Q2	10.5	-0.1	-32.6	32.0	8.8	33.7	10.5	13.2	16.6	7.1	9.0	6.3	10.5	
2000 Q3	0.3	-2.6	19.0	-9.4	7.7	-7.9	0.6	-1.9	-3.1	8.1	-0.8	2.6	0.6	
2000 Q4	9.3	8.9	-1.1	-10.5	7.5	-9.3	7.4	17.1	12.9	7.1	3.7	4.2	7.4	
2001 Q1	0.5	2.2	53.9	2.6	-1.4	-1.2	0.8	-10.3	-5.6	2.3	2.4	8.2	0.8	
2001 Q2	-3.4	23.0	95.5	12.0	-0.7	8.2	0.3	21.8	-21.4	2.0	14.4	5.2	0.3	
2001 Q3	-1.4	35.4	67.7	49.6	2.5	44.7	6.1	19.1	-4.5	5.1	12.3	8.5	6.1	
2001 Q4	-9.6	24.2	69.7	36.7	3.6	32.1	-1.2	-29.9	-9.3	6.8	0.7	8.2	-1.2	
2002 Q1	-7.4	15.6	32.7	22.1	4.2	16.9	-0.4	47.8	-5.8	6.9	-5.6	-1.2	-0.4	
2002 Q2	-0.8	4.7	-14.1	36.7	9.9	30.8	3.7	20.8	1.4	8.6	0.6	0.5	3.7	
2002 Q3	3.7	7.3	-0.6	17.4	12.4	12.2	6.2	34.1	0.5	11.5	5.5	1.8	6.2	
2002 Q4	6.1	7.3	39.5	28.0	23.2	22.4	10.7	105.6	3.1	24.3	7.2	-0.8	10.7	
2003 Q1	7.1	22.1	39.4	159.7	17.7	37.1	11.9	16.5	10.5	20.3	12.6	4.1	11.9	
2003 Q2	-4.5	10.6	31.2	82.7	19.0	-3.7	-0.7	-19.2	-0.5	19.9	-9.8	2.4	-0.7	
2003 Q3	-6.1	4.0	38.1	125.1	17.2	18.5	-0.4	-8.6	3.0	18.4	-12.2	0.4	-0.4	
2003 Q4	-3.6	3.5	-6.6	124.4	15.0	18.4	0.3	-20.8	-4.3	13.3	-1.1	2.5	0.3	
2004 Q1	2.0	10.8	-21.7	-15.9	22.9	9.1	7.8	-16.3	11.8	16.7	7.9	2.1	7.8	
2004 Q2	-6.5	29.4	8.6	3.0	11.8	33.6	5.3	-3.9	-2.5	11.2	15.6	-1.4	5.3	
2004 Q3	-5.9	23.7	-1.8	-11.6	10.7	14.6	4.2	-16.2	-9.1	9.8	18.1	1.3	4.2	
2004 Q4	-7.9	26.6	2.3	-26.1	6.3	-4.3	0.3	-16.1	-5.4	5.9	3.1	1.1	0.3	
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	12.1	-7.1	18.9	-3.1	-2.9	-3.1	4.1	114.3	2.1	-1.0	3.0	0.0	4.1	
2015 Q2	5.6	12.1	22.3	-4.6	10.0	-4.5	6.8	59.4	-2.8	10.4	5.5	4.3	6.8	
2015 Q3	6.9	1.3	20.8	0.6	5.4	-0.3	5.4	38.4	-0.8	6.2	6.5	2.8	5.4	
2015 Q4	1.8	-1.8	6.9	6.7	9.2	6.8	3.1	8.5	-0.2	9.0	2.5	0.4	3.1	
2016 Q1	-4.6	-3.6	-9.3	22.0	8.1	20.8	-1.0	-10.2	-2.9	6.3	-4.4	1.8	-1.0	
2016 Q2	2.1	-0.6	-2.0	11.8	4.8	11.4	2.8	15.6	1.8	4.6	0.2	2.1	2.8	
2016 Q3	-0.1	7.7	-16.2	-2.3	5.1	-0.6	1.8	11.0	-0.8	3.8	-0.2	2.8	1.8	
2016 Q4	2.6	7.0	5.9	4.6	4.7	4.4	3.8	12.3	2.7	5.0	3.6	2.1	3.8	

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.

G16 Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1	S.1		
S.1NG BUS INV	S.13 TOTAL	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				
	NPEM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX			
1997	113 091	15 433	1 623	-2 186	25 451	12 738	166 150	12 092	50 614	27 074	41 982	34 388	166 150			
1998	122 880	17 079	1 632	-1 967	27 187	11 654	178 465	13 628	52 330	28 819	47 825	35 863	178 465			
1999	125 096	17 875	1 529	-2 603	28 146	15 917	185 960	10 575	51 499	29 705	55 302	38 879	185 960			
2000	131 528	18 285	1 421	-2 773	30 744	17 199	196 404	10 326	54 831	32 221	58 535	40 491	196 404			
2001	126 770	21 766	2 387	-3 454	31 046	20 690	199 205	10 455	49 089	33 524	62 595	43 542	199 205			
2002	127 166	23 758	2 837	-4 337	34 938	24 851	209 213	15 076	48 975	37 859	63 730	43 573	209 213			
2003	124 663	26 288	3 509	-9 628	40 912	29 087	214 831	13 646	49 958	44 581	62 064	44 582	214 831			
2004	118 976	31 853	3 235	-8 304	46 026	32 514	224 300	11 882	49 417	49 376	68 692	44 933	224 300			
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	180 163	49 256	4 475	-622	64 028	19 756	317 056	16 698	59 802	68 711	103 825	68 020	317 056			
2016	180 189	50 223	4 193	-671	67 626	21 341	322 901	17 894	59 909	72 082	103 507	69 509	322 901			

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

SECTOR ¹ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1	S.1		
S.1NG BUS INV	S.13 TOTAL	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				
1998	8.7	10.7	0.6	-10.0	6.8	-8.5	7.4	12.7	3.4	6.4	13.9	4.3	7.4			
1999	1.8	4.7	-6.3	32.3	3.5	36.6	4.2	-22.4	-1.6	3.1	15.6	8.4	4.2			
2000	5.1	2.3	-7.1	6.5	9.2	8.1	5.6	-2.4	6.5	8.5	5.8	4.1	5.6			
2001	-3.6	19.0	68.0	24.6	1.0	20.3	1.4	1.2	-10.5	4.0	6.9	7.5	1.4			
2002	0.3	9.2	18.9	25.6	12.5	20.1	5.0	44.2	-0.2	12.9	1.8	0.1	5.0			
2003	-2.0	10.6	23.7	122.0	17.1	17.0	2.7	-9.5	2.0	17.8	-2.6	2.3	2.7			
2004	-4.6	21.2	-7.8	-13.8	12.5	11.8	4.4	-12.9	-1.1	10.8	10.7	0.8	4.4			
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	-0.6	16.7	0.2	5.4	0.0	4.8	47.5	-0.4	6.1	4.3	1.8	4.8			
2016	0.0	2.0	-6.3	7.9	5.6	8.0	1.8	7.2	0.2	4.9	-0.3	2.2	1.8			

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.

G1R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁶	Sector										Asset								
	Public corporations ²					Private sector					Transport equipment ⁵	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products ⁴	Total			
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Costs of ownership transfer on non-produced assets	Total	S.1	S.1PT	S.1	S.1							S.1	S.1	S.1
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT													
BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132	AN.111	AN.112	AN.116	TOTAL							
	NPQL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT						
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0						
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0						
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0						
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0						
2016 Q1	155	312	13	8	75	-93	470	291	154	88	-192	129	470						
2016 Q2	-139	-304	-31	-2	122	-114	-468	-218	134	97	-346	-135	-468						
2016 Q3	-38	-331	-47	4	-110	97	-425	-330	313	-152	-356	100	-425						

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.

G2R

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 ⁶ ASSET ⁶	Sector											Asset									
	Public corporations ²					Private sector						Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total				
	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	S.1	S.1							S.1	S.1	S.1	S.1
				S.1NG	S.11001		S.11001	S.11001													
BUS INV	TOTAL	AN.111	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								
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
2016 Q1	0.4	2.7	1.3	-4.9	0.5	-1.8	0.6	7.2	1.0	0.5	-0.8	0.6	0.6								
2016 Q2	-0.6	-5.3	-4.8	5.2	0.3	-0.5	-1.3	-11.2	-0.1	0.0	-0.6	-1.5	-1.3								
2016 Q3	0.3	-0.1	-1.9	-3.6	-1.5	4.0	0.0	-2.3	1.3	-1.5	0.0	1.3	0.0								

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.

G3R 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			Total	ICT equipment and other machinery and equipment ⁵			Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³		Costs of ownership transfer on non-produced assets	Costs of ownership transfer on non-produced assets			Transport equipment	Dwellings ³		Dwellings ³	Intellectual property products		
	S.1NG BUS INV	S.13 TOTAL	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	
KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T			
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	0.4	2.6	1.2	-5.7	0.5	-2.1	0.6	6.2	1.0	0.5	-0.7	0.8	0.6	0.6	
2016 Q2	-0.3	-2.6	-2.9	1.3	0.8	-2.3	-0.6	-4.8	0.9	0.6	-1.4	-0.8	-0.6	-0.6	
2016 Q3	-0.1	-2.8	-4.3	-2.5	-0.7	1.9	-0.5	-7.8	2.0	-0.9	-1.4	0.6	-0.5	-0.5	

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.

G4R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

€ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²			Private sector				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
	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	S.1							
	S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL							
	NPFL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²			Private sector				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
	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	S.1							
	S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL							
	KG7M	KH92	L64T	L64W	L654	L642	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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.

G5R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁶	Sector										Asset					
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1	S.1						
	S.1NG BUS INV	S.13 TOTAL	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			
NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR				
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q1	38	270	-5	1	-58	-18	228	-53	158	-63	263	-77	228			
2016 Q2	-71	191	-22	2	110	-38	172	-90	295	93	-66	-60	172			
2016 Q3	81	141	-29	4	-84	-71	42	-105	320	-108	-117	52	42			

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.

G6R 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 ⁶ ASSET ⁶	Sector							Asset											
	Public corporations ²				Private sector			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				
	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					S.11001	S.11001			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							
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2016 Q1	0.1	2.5	-0.5	-0.6	-0.3	-0.3	0.3	-1.3	1.0	-0.4	1.1	-0.5	0.3	0.0					
2016 Q2	-0.3	0.2	-1.4	-0.6	1.1	-0.4	0.0	-0.4	1.0	0.9	-1.1	0.1	0.0	0.0					
2016 Q3	0.4	-0.9	0.4	-1.1	-1.2	-0.6	-0.2	-0.5	0.0	-1.2	-0.2	0.6	-0.2	0.0					

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.

G7R 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 ⁶ ASSET ⁶	Sector							Asset						Total S.1 TOTAL
	Public corporations ²				Private sector			Transport equipment AN.1131	ICT equipment and other machinery and equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	Intellectual property products S.1 AN.117		
	Business investment ¹ S.1NG	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non- produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non- produced assets S.1PT AN.116	Total S.1 TOTAL							
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL							
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	0.1	1.6	-0.3	-0.8	-0.4	-0.4	0.3	-1.3	1.0	-0.4	1.0	-0.4	0.3	
2016 Q2	-0.2	2.0	-3.5	-1.4	0.7	-0.9	0.2	-1.9	2.1	0.6	-0.3	-0.3	0.2	
2016 Q3	0.2	1.3	-2.8	-2.3	-0.6	-1.3	0.0	-2.4	2.2	-0.6	-0.5	0.3	0.0	

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.

G8R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁶	Sector							Asset								
	Public corporations ²			Private sector				Total	Transport equipment		ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1	S.1	S.1	S.1			
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	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				
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR			
1997	0	0	0	0	0	0	0	0	0	0	0	0	0			
1998	0	0	0	0	0	0	0	0	0	0	0	0	0			
1999	0	0	0	0	0	0	0	0	0	0	0	0	0			
2000	0	0	0	0	0	0	0	0	0	0	0	0	0			
2001	0	0	0	0	0	0	0	0	0	0	0	0	0			
2002	0	0	0	0	0	0	0	0	0	0	0	0	0			
2003	0	0	0	0	0	0	0	0	0	0	0	0	0			
2004	0	0	0	0	0	0	0	0	0	0	0	0	0			
2005	0	0	0	0	0	0	0	0	0	0	0	0	0			
2006	0	0	0	0	0	0	0	0	0	0	0	0	0			
2007	0	0	0	0	0	0	0	0	0	0	0	0	0			
2008	0	0	0	0	0	0	0	0	0	0	0	0	0			
2009	0	0	0	0	0	0	0	0	0	0	0	0	0			
2010	0	0	0	0	0	0	0	0	0	0	0	0	0			
2011	0	0	0	0	0	0	0	0	0	0	0	0	0			
2012	0	0	0	0	0	0	0	0	0	0	0	0	0			
2013	0	0	0	0	0	0	0	0	0	0	0	0	0			
2014	0	0	0	0	0	0	0	0	0	0	0	0	0			
2015	0	0	0	0	0	0	0	0	0	0	0	0	0			

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR ¹ ASSET ⁶	Sector							Asset								
	Public corporations ²			Private sector				Total	Transport equipment		ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1	S.1	S.1	S.1			
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	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				
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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.

G9R Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁵	Sector										Asset					
	Public corporations ²					Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	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	S.1	S.1	S.1						
	S.1NG BUS INV	S.13 TOTAL	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						
NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS				
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q1	522	-172	18	4	0	-287	85	224	-101	20	30	-88	85			
2016 Q2	-189	69	-26	0	208	-113	-51	27	-251	191	-152	134	-51			
2016 Q3	-143	247	-49	3	0	149	207	-313	-247	-41	754	54	207			

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.

G10R 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					Transport equipment	ICT equipment and other machinery and equipment ⁵	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total			
	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	S.1	S.1						S.1	S.1	S.1
			S.1NG	S.13	S.11001													
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						
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W					
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2016 Q1	1.2	-1.5	1.7	-2.4	0.0	-5.4	0.1	6.0	-0.7	0.1	0.1	-0.5	0.1					
2016 Q2	-1.7	2.0	-4.6	2.2	1.2	2.7	-0.2	-5.4	-1.0	1.0	-0.7	1.3	-0.2					
2016 Q3	0.1	1.5	-2.4	-1.7	-1.3	5.0	0.3	-6.9	0.1	-1.3	3.7	-0.5	0.3					

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.

G11R 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 ⁶	Sector							Asset							
	Public corporations ²				Private sector			Total	ICT equipment and other machinery and equipment ⁵			Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³		Costs of ownership transfer on non-produced assets		Transport equipment		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products				
	S.1NG BUS INV	S.13 TOTAL	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	
KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG7E			
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	1.2	-1.4	1.7	-2.8	0.0	-6.3	0.1	5.2	-0.7	0.2	0.1	-0.6	0.1	-0.6	
2016 Q2	-0.4	0.5	-2.3	0.0	1.3	-2.3	-0.1	0.6	-1.7	1.1	-0.6	0.8	-0.1	-0.1	
2016 Q3	-0.3	2.1	-4.2	-1.9	0.0	3.0	0.3	-7.2	-1.6	-0.2	2.9	0.3	0.3	0.3	

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.

G12R Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million (Reference Year 2013)

SECTOR 4 ASSET 5	Sector								Asset							
	Public corporations 2				Private sector				Transport equipment	ICT equipment and other machinery and equipment 5		Dwellings 3	Other buildings and structures and transfer costs 4		Intellectual property products	Total
	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	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				
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPOS	TLPX	TLPW	GGAE	EQED	TLPK	NPOS			
1997	0	0	0	0	0	0	0	0	0	0	0	0	0			
1998	0	0	0	0	0	0	0	0	0	0	0	0	0			
1999	0	0	0	0	0	0	0	0	0	0	0	0	0			
2000	0	0	0	0	0	0	0	0	0	0	0	0	0			
2001	0	0	0	0	0	0	0	0	0	0	0	0	0			
2002	0	0	0	0	0	0	0	0	0	0	0	0	0			
2003	0	0	0	0	0	0	0	0	0	0	0	0	0			
2004	0	0	0	0	0	0	0	0	0	0	0	0	0			
2005	0	0	0	0	0	0	0	0	0	0	0	0	0			
2006	0	0	0	0	0	0	0	0	0	0	0	0	0			
2007	0	0	0	0	0	0	0	0	0	0	0	0	0			
2008	0	0	0	0	0	0	0	0	0	0	0	0	0			
2009	0	0	0	0	0	0	0	0	0	0	0	0	0			
2010	0	0	0	0	0	0	0	0	0	0	0	0	0			
2011	0	0	0	0	0	0	0	0	0	0	0	0	0			
2012	0	0	0	0	0	0	0	0	0	0	0	0	0			
2013	0	0	0	0	0	0	0	0	0	0	0	0	0			
2014	0	0	0	0	0	0	0	0	0	0	0	0	0			
2015	0	0	0	0	0	0	0	0	0	0	0	0	0			

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

SECTOR 6 ASSET 6	Sector								Asset							
	Public corporations 2				Private sector				Transport equipment	ICT equipment and other machinery and equipment 5		Dwellings 3	Other buildings and structures and transfer costs 4		Intellectual property products	Total
	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	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				
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O			
1998	0	0	0	0	0	0	0	0	0	0	0	0	0			
1999	0	0	0	0	0	0	0	0	0	0	0	0	0			
2000	0	0	0	0	0	0	0	0	0	0	0	0	0			
2001	0	0	0	0	0	0	0	0	0	0	0	0	0			
2002	0	0	0	0	0	0	0	0	0	0	0	0	0			
2003	0	0	0	0	0	0	0	0	0	0	0	0	0			
2004	0	0	0	0	0	0	0	0	0	0	0	0	0			
2005	0	0	0	0	0	0	0	0	0	0	0	0	0			
2006	0	0	0	0	0	0	0	0	0	0	0	0	0			
2007	0	0	0	0	0	0	0	0	0	0	0	0	0			
2008	0	0	0	0	0	0	0	0	0	0	0	0	0			
2009	0	0	0	0	0	0	0	0	0	0	0	0	0			
2010	0	0	0	0	0	0	0	0	0	0	0	0	0			
2011	0	0	0	0	0	0	0	0	0	0	0	0	0			
2012	0	0	0	0	0	0	0	0	0	0	0	0	0			
2013	0	0	0	0	0	0	0	0	0	0	0	0	0			
2014	0	0	0	0	0	0	0	0	0	0	0	0	0			
2015	0	0	0	0	0	0	0	0	0	0	0	0	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.

G13R Gross Fixed Capital Formation by sector and type of asset
Current price, not seasonally adjusted, level

£ million (Reference Year 2013)

SECTOR ¹ ASSET ⁵	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	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	S.1							S.1
S.1NG BUS INV	S.13 TOTAL	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			
	NPBM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX		
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0		
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0		
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0		
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0		
2016 Q1	38	0	0	0	-2	-3	33	0	20	-2	35	-20	33		
2016 Q2	-12	120	-19	1	240	2	332	0	22	227	15	68	332		
2016 Q3	18	46	-28	3	-6	-30	3	0	-3	-28	-45	79	3		

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.

G14R 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 ⁶ ASSET ⁶	Sector							Asset									
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total			
	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				S.1	S.1			S.1	S.1	S.1
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						
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
2016 Q1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.2	0.0	0.1	-0.2	0.1				
2016 Q2	-0.2	0.7	-1.3	-0.6	1.5	0.1	0.3	0.0	0.0	1.3	0.0	0.5	0.3				
2016 Q3	0.1	-1.0	-0.1	-1.2	-1.4	-0.6	-0.5	0.0	-0.1	-1.5	-0.3	0.0	-0.5				

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 in the estimates.

G15R 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 ⁶ ASSET ⁵	Sector							Asset						Total
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products		
	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							
													S.11001 AN.111	
S.1NG BUS INV	S.13 TOTAL	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		
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	
2016 Q2	0.0	1.2	-2.9	-0.7	1.4	0.0	0.4	0.0	0.2	1.3	0.1	0.4	0.4	
2016 Q3	0.1	0.4	-2.6	-1.7	0.0	-0.5	0.0	0.0	-0.1	-0.2	-0.2	0.4	0.0	

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.

G16R Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million (Reference Year 2013)

SECTOR ⁶ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1	S.1		
S.1NG BUS INV	S.13 TOTAL	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				
	NPEN	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPOX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPOX			
1997	0	0	0	0	0	0	0	0	0	0	0	0	0			
1998	0	0	0	0	0	0	0	0	0	0	0	0	0			
1999	0	0	0	0	0	0	0	0	0	0	0	0	0			
2000	0	0	0	0	0	0	0	0	0	0	0	0	0			
2001	0	0	0	0	0	0	0	0	0	0	0	0	0			
2002	0	0	0	0	0	0	0	0	0	0	0	0	0			
2003	0	0	0	0	0	0	0	0	0	0	0	0	0			
2004	0	0	0	0	0	0	0	0	0	0	0	0	0			
2005	0	0	0	0	0	0	0	0	0	0	0	0	0			
2006	0	0	0	0	0	0	0	0	0	0	0	0	0			
2007	0	0	0	0	0	0	0	0	0	0	0	0	0			
2008	0	0	0	0	0	0	0	0	0	0	0	0	0			
2009	0	0	0	0	0	0	0	0	0	0	0	0	0			
2010	0	0	0	0	0	0	0	0	0	0	0	0	0			
2011	0	0	0	0	0	0	0	0	0	0	0	0	0			
2012	0	0	0	0	0	0	0	0	0	0	0	0	0			
2013	0	0	0	0	0	0	0	0	0	0	0	0	0			
2014	0	0	0	0	0	0	0	0	0	0	0	0	0			
2015	0	0	0	0	0	0	0	0	0	0	0	0	0			

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

SECTOR ⁶ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴		Intellectual property products	Total
	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	S.1		S.1	S.1		S.1	S.1		
S.1NG BUS INV	S.13 TOTAL	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				
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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)

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

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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.