

Statistical bulletin

# Business investment in the UK: July to September 2017 provisional results

Investment trends by businesses, contains capital expenditure estimates at current prices, constant prices and seasonally adjusted.



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# 1 . Main points

- Gross fixed capital formation (GFCF), in volume terms, was estimated to have increased by 0.2% to £81.4 billion in Quarter 3 (July to Sept) 2017 from £81.2 billion in Quarter 2 (Apr to June) 2017.
- Business investment was estimated to have increased by 0.2% to £45.8 billion in Quarter 3 2017 from £45.7 billion in Quarter 2 2017.
- Between Quarter 3 2016 and Quarter 3 2017, GFCF was estimated to have increased by 1.8%, from £80.0 billion and business investment was estimated to have increased by 1.3%.
- The assets that contributed to GFCF growth between Quarter 2 2017 and Quarter 3 2017 were intellectual property products and dwellings.
- The sectors contributing to GFCF growth over the same period were business investment, public corporations dwellings and private sector dwellings.

## 2 . 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 (residential buildings), transport equipment (planes, trains and automobiles), machinery (electrical equipment), buildings (non-residential buildings and roads) and intellectual property products (assets without physical properties – formerly known as intangibles). 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 (such as livestock and vineyards), intellectual property products (IPP, which includes investment in software, research and development, artistic originals and mineral exploration), and other buildings and structures.

Business investment 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). Business investment is not an internationally recognised concept and it should not be used to make international comparisons, however, GFCF is an internationally recognised standard and is therefore internationally comparable. Please see [A short guide to GFCF and business investment](#) for more detailed information, including asset and sector hierarchies.

All investment data referred to in this bulletin are estimates of seasonally adjusted chained volume measures. To see a time series of the data please use our [time series datasets](#).

### 3 . GFCF and business investment main figures

**Table 1: Gross fixed capital formation and business investment headline figures by sector and by asset, UK, Quarter 3 (July to Sept) 2017, chained volume measure, seasonally adjusted**

		% change	% change	£ million
		Most recent quarter on previous quarter	Most recent quarter on same quarter a year earlier	Most recent level
Gross fixed capital formation		0.2	1.8	81,375
GFCF by sector	Business investment	0.2	1.3	45,761
	General government	-0.1	-0.7	13,169
	Public corporations dwellings	3.9	7.3	2,004
	Public corporations cost of ownership transfer on non-produced assets	-23.7	5.4	177
	Private sector dwellings	0.3	3.5	16,044
	Private sector cost of ownership transfer on non-produced assets	0.8	5.6	4,220
GFCF by asset	Transport equipment	-0.2	-11.8	6,384
	ICT equipment and other machinery and equipment	-0.8	2.3	13,773
	Dwellings	0.7	3.9	18,065
	Other buildings and structures and transfer costs	-0.5	3.5	27,701
	Intellectual property products	2.3	2.3	15,452

Source: Office for National Statistics

### 4 . Which sectors are contributing to growth in GFCF in Quarter 3 2017?

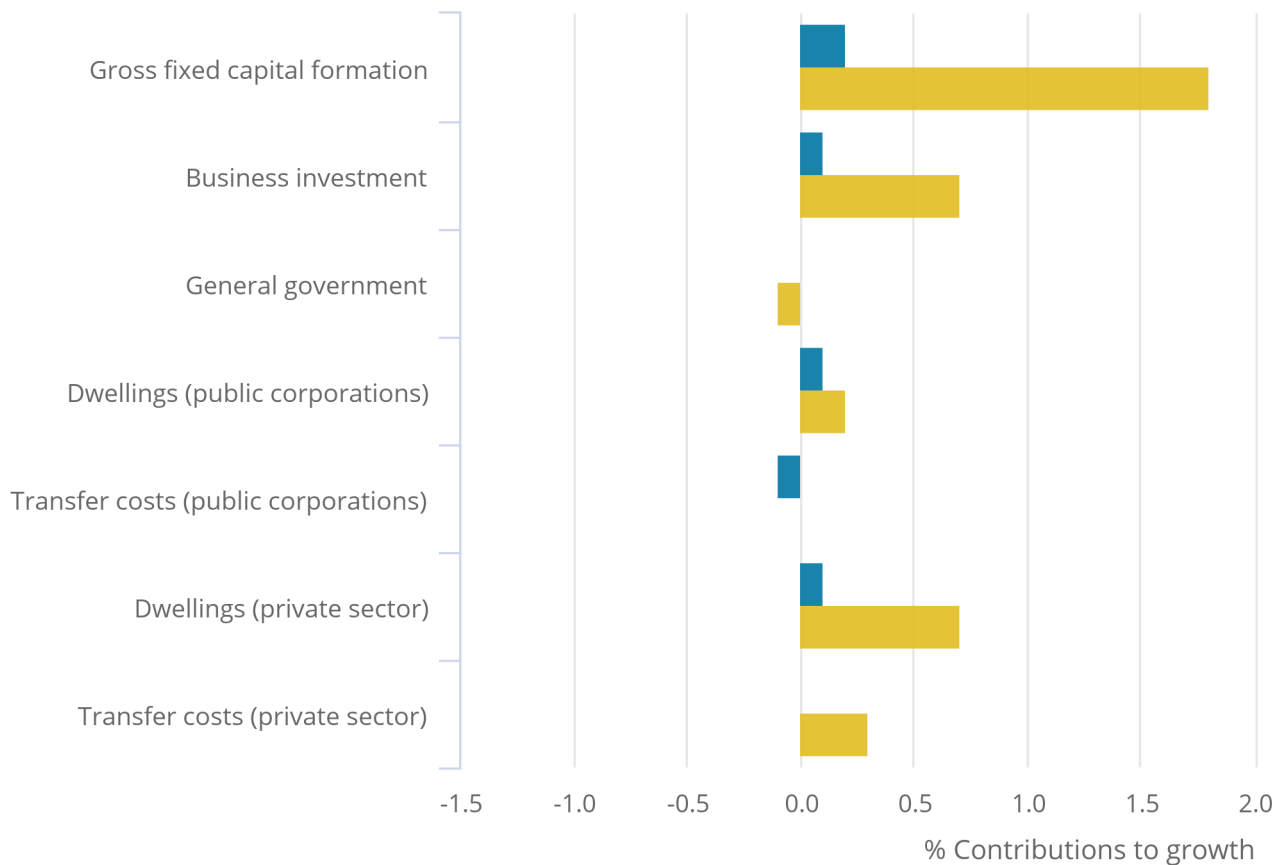
Between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017, gross fixed capital formation (GFCF) increased by 0.2%. On a sector basis, business investment, public corporations dwellings and private sector dwellings all contributed 0.1 percentage points to overall GFCF growth (Figure 1). The largest negative contributor to GFCF growth was public corporations transfer costs, which contributed negative 0.1 percentage points over the same period.

**Figure 1: Contributions to growth in gross fixed capital formation by sector for Quarter 3 (July to Sept) 2017, chained volume measure, seasonally adjusted**

Reference year: 2015 Coverage: UK

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Reference year: 2015 Coverage: UK



● Most recent quarter on previous quarter  
 ● Most recent quarter on same quarter a year earlier  
 Source: Office for National Statistics

Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December)
2. The data in this chart covers Quarter 3 (July to Sept) 2017

Between Quarter 3 2016 and Quarter 3 2017, GFCF increased by 1.8%. The largest increases came from business investment and private sector dwellings, which each contributed 0.7 percentage points to overall GFCF growth. Smaller contributions came from private sector transfer costs and public corporations dwellings, which contributed 0.3 and 0.2 percentage points respectively. The only sector to provide a negative contribution over the period was general government, which contributed negative 0.1 percentage points to the growth in GFCF.

## **5 . Which assets are contributing to growth in GFCF in Quarter 3 2017?**

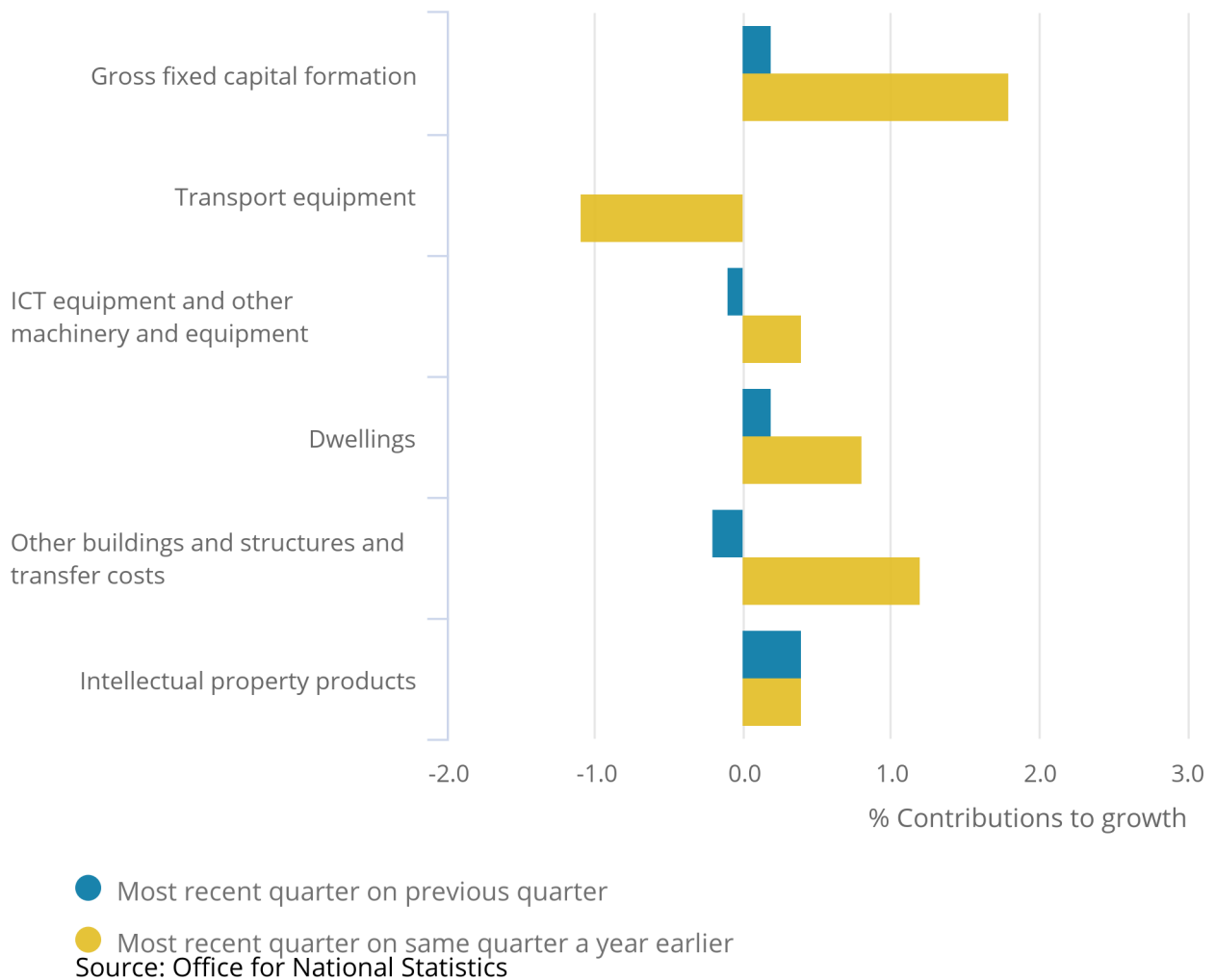
On an asset basis, the largest contributor to growth in GFCF between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017 was intellectual property products (IPP), which contributed 0.4 percentage points (Figure 2). More specifically, this is due to increases seen in software data. The only other positive contribution came from dwellings, which contributed 0.2 percentage points across the same period.

**Figure 2: Contributions to growth in gross fixed capital formation by asset for Quarter 3 (July to Sept) 2017, chained volume measure, seasonally adjusted**

Reference year: 2015 Coverage: UK

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Reference year: 2015 Coverage: UK



Source: Office for National Statistics

**Notes:**

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2. The data in this chart covers Quarter 3 (July to Sept) 2017

These increases were partially offset by falls in other buildings and structures and transfer costs, which contributed negative 0.2 percentage points, and information and communications technology (ICT) equipment and other machinery and equipment, which contributed negative 0.1 percentage points. Transport equipment was broadly unchanged.

The 1.8% quarter on same quarter a year ago increase in GFCF for Quarter 3 2017 saw positive contributions from other buildings and structures and transfer costs, along with dwellings, intellectual property products, and ICT equipment and other machinery and equipment. The only negative contribution came from transport equipment, which contributed 1.1 percentage points. This is due to particularly strong investment in transport seen in Quarter 3 2016.

## **6 . How has GFCF performed over a longer period?**

Gross fixed capital formation (GFCF) is now 8.0% above the pre-economic downturn peak of Quarter 1 (Jan to Mar) 2008 and 31.5% above the level seen at the trough of the financial crisis in Quarter 2 (Apr to June) 2009.

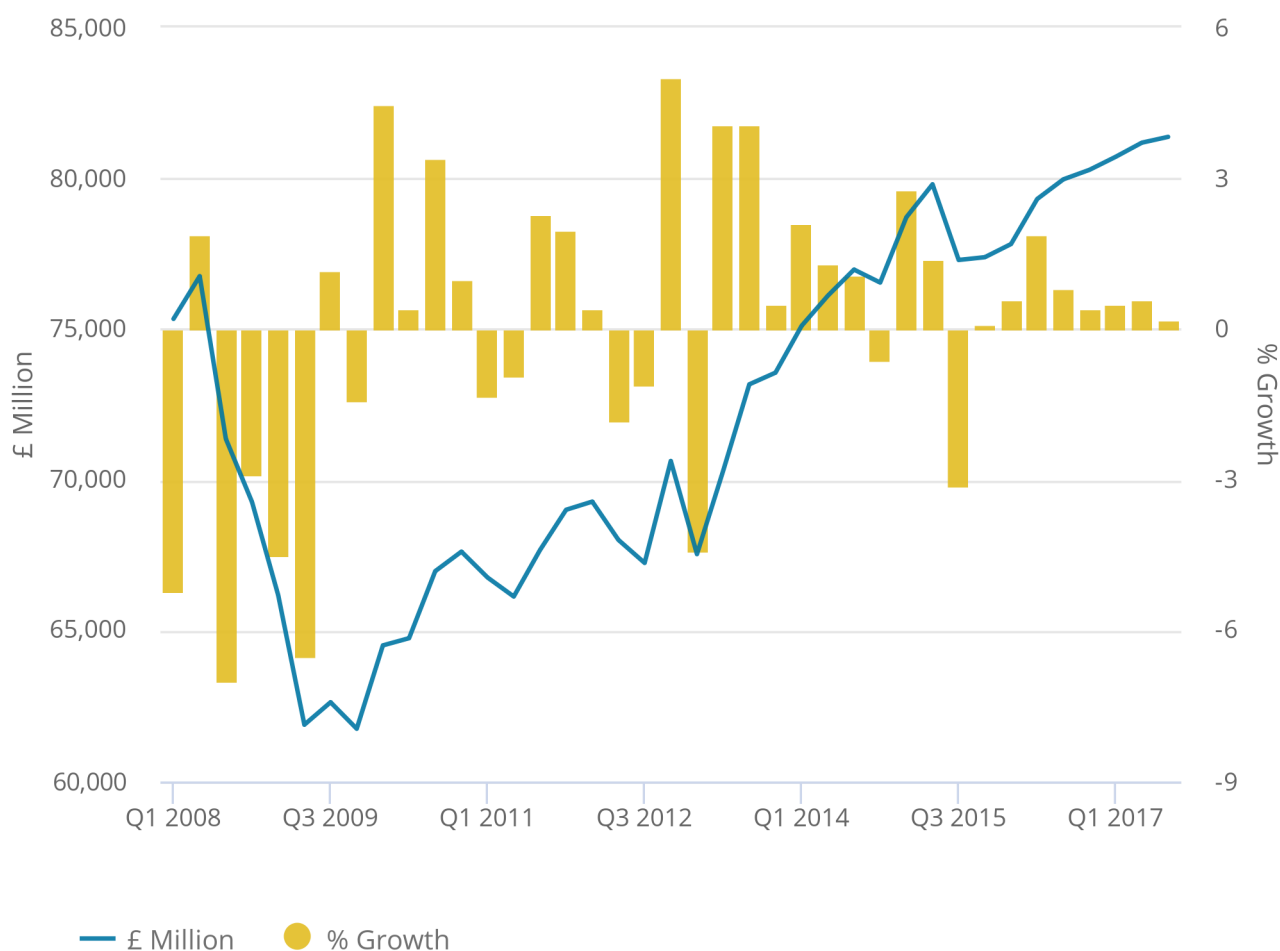
GFCF has grown positively for the last eight quarters, with the last negative quarter-on-quarter growth being recorded in Quarter 3 (July to Sept) 2015. However, growth in GFCF has been modest since Quarter 4 (Oct to Dec) 2016. The quarter-on-quarter growth in GFCF averaged 0.9% between Quarter 4 2015 and Quarter 3 2016, but has since fallen to an average of 0.4% from Quarter 4 2016 to Quarter 3 2017. Growth seen in Quarter 1 2017 was driven by private sector dwellings and business investment, while the growth in Quarter 2 2017 was driven by the general government sector.

**Figure 3: Quarterly levels and quarter-on-quarter growth of gross fixed capital formation, chained volume measure, seasonally adjusted.**

Reference year: 2015 Coverage: UK

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Reference year: 2015 Coverage: UK



Source: Office for National Statistics

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**Notes:**

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2. The data in this chart covers Quarter 3 (July to Sept) 2017

For the calendar year of 2016, GFCF increased by 1.3%, the weakest growth for a calendar year since 2009. Total GFCF growth has been slowing since 2014. Quarter on same quarter a year ago growth averaged 7.2% in 2014, fell to 2.8% in 2015 and then fell further to 1.4% for 2016.



## **7 . What other information can tell us more about GFCF?**

Developments in the housing market can be an important indicator of investment and wider activity in the economy. Construction fell by 0.9% in the three months to June 2017 but “remains at relatively high levels” (see [Construction output in Great Britain: September 2017](#) for more information). This is driven mainly by a decrease in repair and maintenance, which fell by 1.4%, and all new work, which fell by 0.7%. However, both public and private new housing have increased across the period, which is reflected in the 0.7% increase in dwellings data.

## **8 . How has business investment performed over a longer period?**

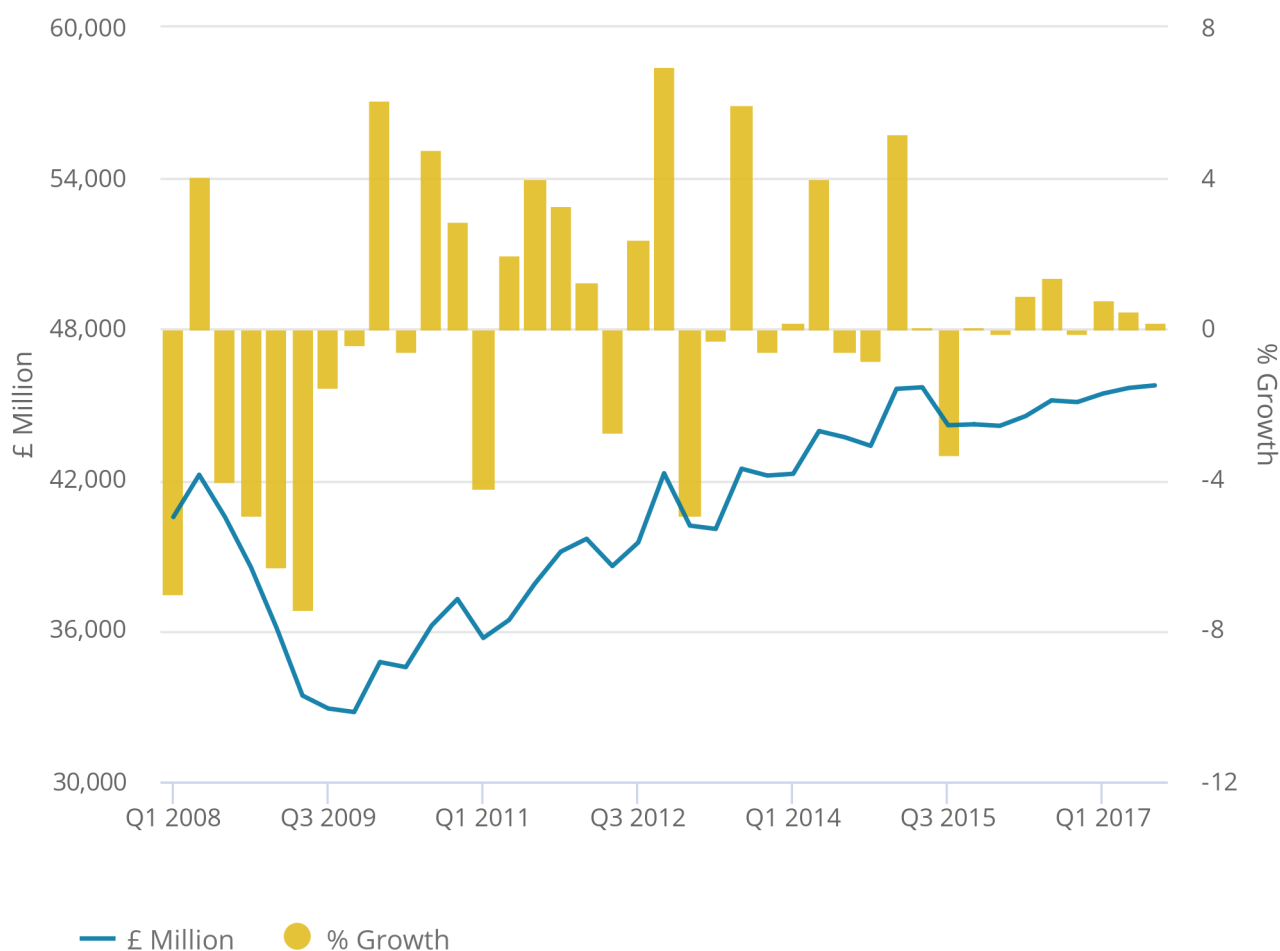
Business investment has experienced modest growth since Quarter 3 (July to Sept) 2015 (Figure 4). Business investment in 2016 saw two consecutive quarters of positive growth in Quarter 2 (Apr to June) 2016 (0.9%) and Quarter 3 (July to Sept) 2016 (1.4%) and two quarters of slightly negative growth in Quarter 1 2016 (negative 0.1%) and Quarter 4 (Oct to Dec) 2016 (negative 0.1%). For the first three quarters of 2017, business investment growth has remained positive but subdued, which mirrors the trend seen in gross fixed capital formation.

**Figure 4: Quarterly levels and quarter-on-quarter growth of business investment, chained volume measure, seasonally adjusted.**

Reference year: 2015 Coverage: UK

Figure 4: Quarterly levels and quarter-on-quarter growth of business investment, chained volume measure, seasonally adjusted.

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

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**Notes:**

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2. The data in this chart covers Quarter 3 (July to Sept) 2017

## **9 . Asset contributions to business investment for Quarter 3 2017**

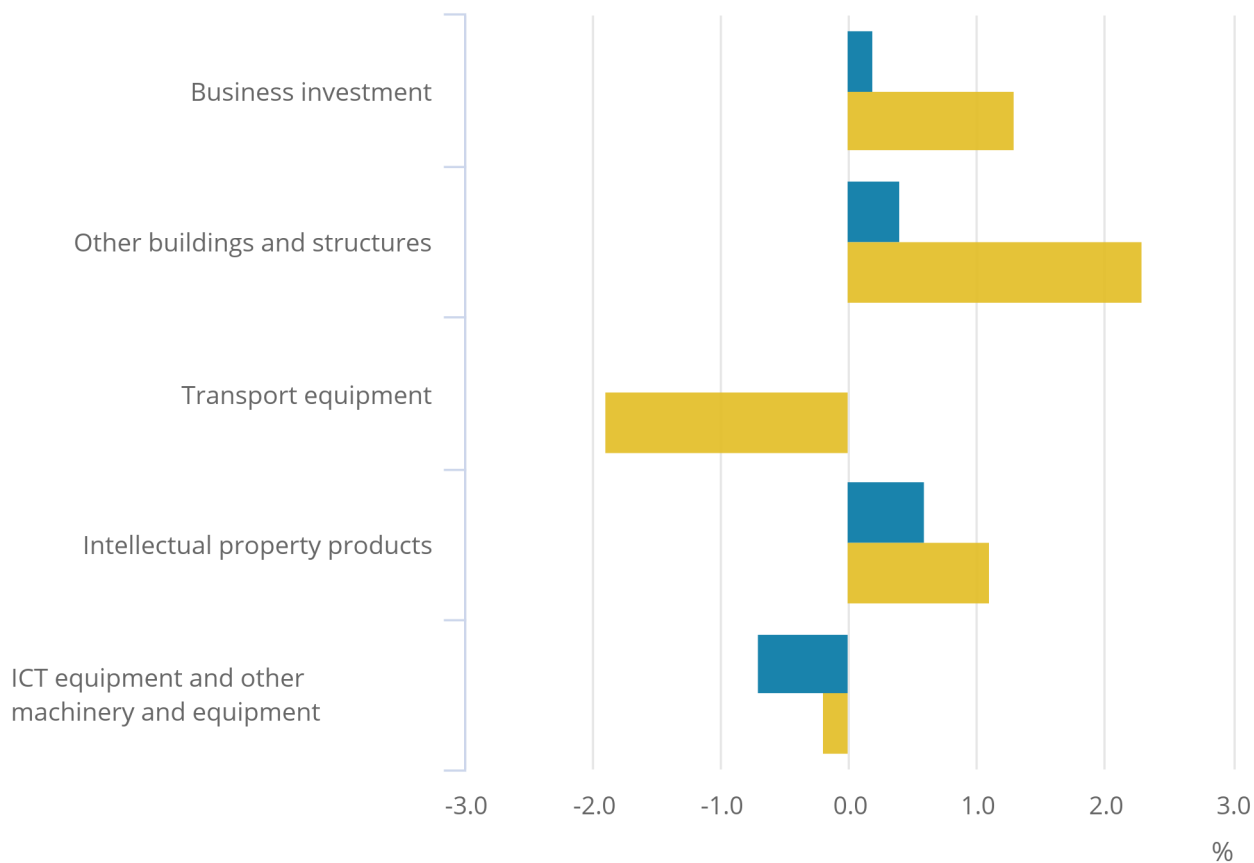
The assets that contributed positively to business investment between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017 were intellectual property products (IPP) and other buildings and structures. These two assets contributed 0.6 and 0.4 percentage points to growth respectively. These increases, however, were partially offset by a fall in information and communication technology (ICT) equipment and other machinery and equipment, which left business investment growing by 0.2%.

**Figure 5: Contributions to growth in business investment by asset for Quarter 3 (July to Sept) 2017**

Reference year: 2015 Coverage: UK

## Figure 5: Contributions to growth in business investment by asset for Quarter 3 (July to Sept) 2017

Reference year: 2015 Coverage: UK



- Most recent quarter on previous quarter
  - Most recent quarter on same quarter a year earlier
- Source: Office for National Statistics

Source: Office for National Statistics

**Notes:**

1. Q1 equals Quarter 1 (Jan to Mar), Q2 equals Quarter 2 (Apr to June), Q3 equals Quarter 3 (July to Sept), Q4 equals Quarter 4 (Oct to Dec).
2. The data in this chart covers Quarter 3 (July to Sept) 2017.
3. Series may not sum due to rounding.

Business investment grew by 1.3% when compared with Quarter 3 2016. Other buildings and structures was the largest contributor to growth, at 2.3 percentage points. The other large contributor to growth was IPP, which contributed 1.1 percentage points. These increases were partially offset by a large fall in transport equipment in the same period, which contributed negative 1.9 percentage points to business investment growth. This is due to particularly strong investment in transport seen in Quarter 3 2016.

## 10 . Business investment in the wider economy

The Bank of England, in its most recent [Agents' summary of business conditions](#) (PDF, 628KB), stated that investment intentions had “softened somewhat in services”. This is in response to a perceived subdued outlook for consumer demand. It is also noted that depreciation in sterling had begun to encourage a modest rebalancing towards exports, supporting business investment. However, future trading relationship uncertainties “continued to deter investment for some firms”. In its most recent [inflation report](#) (PDF, 3.72MB), the Bank of England also states that sterling’s depreciation is likely to increase the cost of investment for most firms, as investment is relatively import intensive.

Another 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](#) (PDF, 1.72MB), the supply of credit to firms “remains favourable”, however, the report does note that there are some signs that it may have tightened slightly in the past few months for small firms. The availability of credit to corporate firms was found to be broadly unchanged over the past two quarters, with no change expected for Quarter 4 (Oct to Dec) 2017.

Corporate demand for credit was found to be “somewhat subdued across firms of all sizes”. It is then noted to have changed little over the past six months, however. Lenders reported weaker demand for credit in Quarter 3 (July to Sept) 2017 and demand for finance has remained “muted” in recent months.

## 11 . Upcoming changes

In the revised Business investment release for Quarter 3 (July to Sept) 2017, to be published Friday 22 December 2017, we will include an international comparison of gross fixed capital formation (GFCF). This will be based on quarterly levels of investment between Quarter 1 (Jan to Mar) 2008 and Quarter 3 (July to Sept) 2017. This international comparison will be included at each revised Business investment release and follows on from the article [An international comparison of gross fixed capital formation](#) published in November 2017.

## 12 . Quality and methodology

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

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

The changes signposted in this bulletin have not yet been reflected in either the [Quarterly Acquisitions and Disposals of Capital Assets Survey QMI](#) or the [Business investment QMI](#), but changes will be incorporated into revised QMIs in the future.

In February 2017, we introduced an improved gross fixed capital formation (GFCF) estimation system, which incorporated methodological changes including improved deflation and seasonal adjustment. 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](#). Further information on the methods changes introduced in the new GFCF estimation system can be found in the article [Changes to the Gross Fixed Capital Formation methodology and processing](#).

## 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 provisional estimate a bias adjustment is introduced to business investment and its components. The bias adjustment for this quarter was £0.6 billion.

## Survey response rates

Table 3 presents the provisional (month 2) and revised (month 3) response rates for the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS). The estimates in this release are based on the Quarter 3 (July to Sept) 2017 provisional survey results.

**Table 2: UK response rates for quarterly acquisitions and disposals of capital assets survey for Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017**

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	Q4	84.5
2017 Q1	68.2	2017 Q1	87.8
Q2	70.8	Q2	84.8
Q3	69.7		

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)

## 13 . Links to related statistics

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

## GROSS FIXED CAPITAL FORMATION TABLES BY SECTOR AND TYPE OF ASSET

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





## 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 = 2015)

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector							Asset								
	Public corporations <sup>2</sup>				Private sector			Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Dwellings <sup>3</sup>		Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products	Total
	Business investment <sup>1</sup> S.ING BUS.INV	General Government S.13 TOTAL	Dwellings <sup>3</sup> S.11001 AN.111	Costs of ownership transfer on non- produced assets S.11001 AN.116	Dwellings <sup>3</sup> S.1PT AN.111	Costs of ownership transfer on non- produced assets S.1PT AN.116	Total 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		
KG7P	KH9C	L64U	L64X	L65S	L65Z	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q				
1997 Q2	4.9	-0.4	-33.7	23.2	-0.6	30.6	4.2	-3.4	1.7	-3.4	16.2	1.3	4.2			
1997 Q3	4.1	6.7	-8.0	-26.2	3.7	-24.3	2.4	3.6	5.7	0.2	2.0	2.4	2.4			
1997 Q4	1.8	-5.6	-1.1	-9.9	8.8	6.0	2.5	0.5	1.9	8.3	2.5	-1.0	2.5			
1998 Q1	2.2	6.9	9.5	-11.8	-7.1	-19.4	0.2	19.7	-1.4	-6.4	3.5	-2.5	0.3			
1998 Q2	0.5	6.9	3.7	7.1	3.1	10.5	1.7	-10.8	7.4	3.1	-0.1	0.7	1.7			
1998 Q3	0.7	-5.0	10.5	20.0	-3.4	7.1	0.0	-2.6	-5.6	-2.7	5.5	2.0	0.0			
1998 Q4	4.7	4.0	-10.5	-23.6	1.1	-10.1	3.2	13.2	7.1	0.3	-0.2	3.0	3.2			
1999 Q1	-1.8	-1.9	-13.0	50.0	-3.2	34.3	-0.7	-13.7	-1.7	-3.7	1.7	1.8	-0.7			
1999 Q2	-2.3	13.6	23.8	-21.2	3.3	-7.5	-0.2	-25.5	-0.5	4.5	3.0	1.5	-0.2			
1999 Q3	3.5	-10.2	-29.6	40.8	2.3	24.2	2.5	3.6	0.5	0.4	3.4	3.6	2.5			
1999 Q4	-4.2	-3.4	27.5	3.8	-2.1	8.9	-2.8	8.6	-13.1	-0.8	-0.8	0.6	-2.8			
2000 Q1	4.4	-0.1	-34.6	-20.0	6.7	3.8	3.9	-9.7	13.8	4.5	0.8	2.2	3.9			
2000 Q2	6.1	17.7	28.8	19.1	-0.5	1.3	5.8	10.9	18.3	0.5	0.0	2.6	5.8			
2000 Q3	-7.5	-23.8	11.6	-33.7	-1.7	-40.2	-8.9	-7.3	-20.4	-1.1	-8.7	-2.6	-8.9			
2000 Q4	1.5	17.7	-0.4	17.5	-1.6	42.8	2.7	19.5	1.4	-1.6	7.5	0.5	2.7			
2001 Q1	-2.0	-8.8	24.0	70.2	-1.1	6.6	-1.5	-25.0	-2.3	0.3	-0.1	0.4	-1.5			
2001 Q2	-0.7	41.9	18.3	-2.9	-2.0	7.0	3.3	44.2	-2.2	-0.9	7.3	-1.3	3.3			
2001 Q3	-3.3	-9.1	6.3	11.2	2.7	5.0	-2.2	-3.3	1.9	3.1	-9.1	-0.6	-2.2			
2001 Q4	-5.3	1.9	-1.3	-3.5	-3.0	-8.5	-4.2	-21.1	2.3	-3.0	-10.0	0.9	-4.2			
2002 Q1	3.1	-10.5	11.7	12.8	2.5	6.9	1.7	46.7	3.0	3.3	-4.1	-2.0	1.7			
2002 Q2	2.6	16.0	-20.3	2.1	4.5	5.5	4.8	18.4	-0.9	2.3	7.5	1.2	4.8			
2002 Q3	-1.4	1.1	9.0	4.2	1.7	7.5	-0.5	-0.9	2.4	2.2	-3.0	1.0	-0.5			
2002 Q4	4.1	5.8	33.8	81.0	8.8	2.6	5.8	4.0	4.7	10.4	8.1	-0.1	5.8			
2003 Q1	0.8	7.5	22.3	-6.4	-7.3	-13.5	-5.3	-6.5	1.5	-4.8	2.6	-0.5	-0.3			
2003 Q2	-7.5	-3.5	-33.5	-20.1	6.0	2.2	-4.6	-19.3	-9.4	2.2	-5.5	0.7	-4.6			
2003 Q3	-1.0	-4.5	12.6	-4.4	2.7	3.7	-0.2	11.7	4.5	3.1	-9.4	0.4	-0.2			
2003 Q4	-1.2	-0.3	-7.7	2.8	3.9	7.6	0.4	-10.6	-2.9	3.1	5.4	-2.1	0.4			
2004 Q1	2.7	9.6	-9.6	7.3	0.5	20.0	3.9	-1.1	4.4	-0.1	9.3	1.3	3.9			
2004 Q2	-5.3	25.3	8.5	36.7	-2.5	4.4	0.5	-0.4	3.2	-2.1	0.7	-0.2	0.5			
2004 Q3	0.5	-11.6	-1.7	-19.3	2.6	-7.5	-1.8	-6.0	-4.4	2.3	-6.7	4.9	-1.8			
2004 Q4	1.2	3.1	-1.7	-5.9	0.0	-10.6	0.2	-1.9	1.7	-0.2	-1.5	2.8	0.2			
2005 Q1	0.3	14.1	-8.0	-38.1	-0.8	-2.7	1.5	-11.1	-1.6	-1.2	6.9	3.3	1.5			
2005 Q2	63.0	-167.8	8.9	33.5	1.6	8.1	7.7	16.7	3.0	1.8	5.3	4.7	7.7			
2005 Q3	-33.8	-236.8	6.3	15.8	-1.5	9.7	-2.8	-4.0	3.9	-0.9	0.7	-1.7	-2.8			
2005 Q4	-2.1	-1.5	-1.1	5.9	-1.5	14.7	-0.5	0.3	-4.6	-1.5	0.2	1.6	-0.5			
2006 Q1	1.3	-1.4	14.8	13.1	-0.1	6.7	1.5	12.9	1.1	0.9	2.4	-3.0	1.5			
2006 Q2	0.7	2.7	-21.0	-22.4	-1.2	-10.3	-1.0	-15.1	4.3	-2.8	0.6	-1.1	-1.0			
2006 Q3	5.7	-0.2	11.3	3.5	-2.7	2.1	2.8	16.2	5.5	-1.7	1.8	3.9	2.8			
2006 Q4	1.9	1.2	-5.7	-0.7	0.0	8.9	1.9	9.9	0.7	-0.5	2.5	1.9	1.9			
2007 Q1	1.9	-4.8	2.9	4.9	3.4	1.1	1.2	-15.8	5.6	3.3	0.2	1.2	1.2			
2007 Q2	3.5	5.4	-8.7	-12.0	-0.8	-1.1	2.2	3.2	-1.9	-1.3	6.6	1.8	2.2			
2007 Q3	-3.9	-6.3	-2.2	-3.5	-3.4	6.2	-3.3	-9.8	0.5	-3.4	-5.4	-0.7	-3.3			
2007 Q4	7.8	19.8	-0.3	-13.3	1.3	-15.9	5.7	3.2	3.9	1.2	10.4	4.8	5.7			
2008 Q1	-7.0	1.3	5.2	1.0	-1.7	-16.1	-5.2	-36.0	-2.5	-1.2	-7.5	-0.2	-5.2			
2008 Q2	4.1	3.3	-2.7	-4.7	-3.2	-2.5	1.9	71.6	2.0	-3.2	0.7	0.6	1.9			
2008 Q3	-4.0	-1.6	95.9	-35.1	-16.5	-39.7	-7.0	-7.6	-5.6	-8.8	-9.1	-1.4	-7.0			
2008 Q4	-4.9	9.7	-0.9	-26.5	-3.9	-25.9	-2.9	-0.4	-5.4	-3.5	-2.4	-1.5	-2.9			
2009 Q1	-6.3	2.1	-1.7	-16.7	-9.3	11.2	-4.5	-16.3	-6.2	-8.1	-1.0	-2.5	-4.5			
2009 Q2	-7.4	-7.2	-2.4	25.8	-7.1	8.9	-6.5	2.1	-13.6	-5.9	-6.8	-3.0	-6.5			
2009 Q3	-1.5	11.1	1.1	14.6	-0.6	-6.6	1.2	2.6	2.1	-1.0	2.7	-0.2	1.2			
2009 Q4	-0.4	-0.8	1.6	8.1	-8.3	7.6	-1.4	-10.6	-1.5	-6.3	1.8	-0.4	-1.4			
2010 Q1	6.1	1.8	-1.0	-16.6	6.0	-0.2	4.5	24.2	2.3	4.7	3.7	4.1	4.5			
2010 Q2	-0.6	-4.6	-1.5	13.5	9.5	6.5	0.4	-12.2	8.5	7.6	-7.0	2.8	0.4			
2010 Q3	4.8	0.6	-1.0	-1.1	4.5	-0.1	3.4	36.2	1.6	3.6	2.6	0.0	3.4			
2010 Q4	2.9	-2.0	-2.4	-8.6	0.1	-4.1	1.0	28.8	2.8	-0.3	-2.7	-1.3	1.0			
2011 Q1	-4.2	4.4	1.2	-7.5	-0.4	6.5	-1.3	-56.2	-1.5	0.0	9.6	0.9	-1.3			
2011 Q2	2.0	-10.1	-2.3	-10.8	1.8	-4.4	-0.9	1.6	6.8	0.9	-5.9	-1.8	-0.9			
2011 Q3	4.0	2.2	-5.5	-9.1	-0.1	-3.7	2.3	-2.4	4.4	-1.0	2.7	3.7	2.3			
2011 Q4	3.3	-2.7	-2.3	0.8	2.1	8.0	2.0	24.0	2.4	1.5	1.9	-1.0	2.0			
2012 Q1	1.3	-1.6	-1.3	-5.0	-1.2	4.1	0.4	13.2	-2.8	-1.1	1.7	0.1	0.4			
2012 Q2	-2.7	5.3	-1.9	4.3	-5.4	-3.1	-1.8	-17.2	-7.6	-4.5	3.2	1.5	-1.8			
2012 Q3	2.4	-11.8	-3.7	-4.2	-0.8	-0.5	-1.1	2.9	-1.0	-1.3	-2.4	0.3	-1.1			
2012 Q4	7.0	0.9	-2.1	-2.6	2.9	6.7	5.0	20.9	7.7	2.2	4.0	4.1	5.0			
2013 Q1	-4.9	-11.2	-2.7	14.3	0.8	9.4	-4.4	-26.7	1.3	0.1	-9.3	-1.3	-4.4			
2013 Q2	-0.3	18.0	3.2	-0.8	8.4	2.2	4.1	11.1	-11.0	7.8	12.3	1.4	4.1			
2013 Q3	6.0	-0.5	-2.8	5.5	1.5	9.8	4.1	48.1	11.7	1.0	0.5	-0.2	4.1			
2013 Q4	-0.6	1.9	-1.1	9.0	1.3	7.9	0.5	-3.9	0.6	1.1	0.9	0.3	0.5			
2014 Q1	0.2	7.7	5.4	6.8	3.6	-1.9	2.1	-1.1	2.3	3.8	2.2	1.0	2.1			
2014 Q2	4.0	-8.5	14.9	10.3	-1.5	9.3	1.3	25.6	8.1	0.3	-3.1	-1.6	1.3			
2014 Q3	-0.6	4.7	2.3	-2.3	4.3	-1.8	1.1	8.6	0.7	4.0	-0.4	-0.9	1.1			
2014 Q4	-0.8	0.6	2.0	-0.6	-0.6	-3.0	-0.6	-2.1	-1.7	-0.2	-1.1	1.7	-0.6			
2015 Q1	5.2	-0.9	3.9	3.6	1.1	-6.4	2.8	43.1	-4.3	1.4	5.8	-5.3	2.8			
2015 Q2	0.1	2.1	-13.3	-5.2	6.4	3.6	1.4	-13.1	5.6	3.9	-0.6	4.7	1.4			
2015 Q3	-3.3	-6.2	0.7	5.5	-2.1	3.3	-3.1	-9.5	-5.9	-1.8	-1.7	-2.3	-3.1			
2015 Q4	0.1	-3.5	-3.5	2.3	1.8	7.3	0.1	6.5	0.5	1.2	-1.5	-0.9	0.1			
2016 Q1	-0.1	-1.5	-0.5	-7.3	2.3	8.7	0.6	15.0	-6.0	2.0	0.0	0.9	0.6			
2016 Q2	0.9	10.6	16.2	26.2	0.1	-10.9	1.9	6.7	4.0	1.7	0.8	0.3	1.9			
2016 Q3	1.4	2.3	-8.7	-18.8	-0.8	1.9	0.8	11.9	-3.0	-1.7	2.4	-0.2	0.8			
2016 Q4	-0.1	-1.6	1.7	7.7	1.7	7.2	0.4	-6.9	-0.4	1.7	2.0	0.3	0.4			
2017 Q1	0.8	-4.9	1.7	-14.9	3.3	4.7	0.5	-3.6	-4.2	3.2	2.6	-0.3	0.5			
2017 Q2	0.5	6.1	-0.1	50.6	-1.8	-6.6	0.6	-1.5	8.1	-1.6	-0.6	0.0	0.6			
2017 Q3	0.2	-0.1	3.9	-23.7	0.3	0.8	0.2	-0.2	-0.8	0.7	-0.5	2.3	0.2			

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

## Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2015)

SECTOR <sup>6</sup> ASSET <sup>5</sup>	Sector							Asset						
	Public corporations <sup>2</sup>				Private sector			Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Total							
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		
	KG75	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
1998 Q1	13.6	7.3	-34.0	-27.7	4.2	-15.6	9.6	20.5	8.1	0.9	23.5	-0.2	9.6	
1998 Q2	8.8	15.1	3.3	-37.2	8.0	-28.6	7.1	11.2	14.2	7.7	6.2	-0.8	7.1	
1998 Q3	5.2	2.5	24.1	2.1	0.6	1.1	4.5	4.5	2.0	1.8	11.7	-0.8	4.5	
1998 Q4	8.2	12.9	12.2	-13.4	-6.6	-14.2	5.3	17.7	7.1	-5.7	8.8	3.2	5.3	
1999 Q1	4.0	3.5	-10.8	47.3	-2.6	43.0	4.3	-15.2	6.7	-3.1	7.0	7.7	4.3	
1999 Q2	1.2	10.0	6.5	8.3	-2.4	19.7	2.2	-29.1	-1.1	-1.8	10.3	8.6	2.2	
1999 Q3	4.0	4.0	-32.2	27.1	3.4	38.9	4.8	-24.6	5.2	1.3	8.1	10.2	4.8	
1999 Q4	-4.8	-3.4	-3.3	72.7	0.2	68.2	-1.3	-27.6	-14.6	0.1	7.4	7.7	-1.3	
2000 Q1	1.2	-1.6	-27.4	-7.9	10.4	30.0	3.3	-24.2	-1.1	8.7	6.4	8.1	3.3	
2000 Q2	9.8	2.1	-24.4	39.2	6.3	42.3	9.5	12.8	17.5	4.5	3.4	9.2	9.5	
2000 Q3	-1.9	-13.5	19.8	-34.4	2.2	-31.5	-2.7	0.9	-6.8	2.9	-8.6	2.7	-2.7	
2000 Q4	4.0	5.5	-6.4	-25.8	2.7	-10.2	2.8	10.9	8.7	2.2	-0.9	2.6	2.8	
2001 Q1	-2.4	-3.8	77.5	57.9	-4.8	-7.8	-2.6	-7.9	-6.6	-1.9	-1.8	0.8	-2.6	
2001 Q2	-8.6	16.0	63.0	28.7	-6.2	-2.6	-4.8	19.8	-22.8	-3.2	5.3	-3.0	-4.8	
2001 Q3	-4.4	38.4	55.4	115.8	-2.0	71.0	2.2	25.0	-1.2	0.9	4.7	-1.0	2.2	
2001 Q4	-10.9	19.8	54.0	77.3	-3.4	9.6	-4.7	-17.5	-0.4	-0.5	-12.4	-0.5	-4.7	
2002 Q1	-6.2	17.6	38.8	17.5	0.1	9.9	-1.6	61.3	5.1	2.4	-15.9	-2.9	-1.6	
2002 Q2	-3.2	-3.8	-6.5	23.6	6.7	8.4	-0.2	32.4	6.5	5.7	-15.8	-0.4	-0.2	
2002 Q3	-1.3	7.0	-4.2	15.8	5.7	11.0	1.5	35.7	7.0	4.9	-10.0	1.1	1.5	
2002 Q4	8.5	11.1	29.9	117.2	18.5	24.3	12.1	79.0	9.4	19.3	8.1	0.1	12.1	
2003 Q1	6.1	33.4	42.1	80.1	7.1	0.6	9.9	14.1	7.8	9.9	15.7	1.6	9.9	
2003 Q2	-4.3	10.9	18.6	41.0	8.7	-2.5	0.0	-22.2	-1.4	9.7	1.7	1.1	0.0	
2003 Q3	-3.9	4.7	22.5	29.3	9.8	-6.0	0.4	-12.3	0.6	10.7	-5.0	0.5	0.4	
2003 Q4	-8.8	-1.2	-15.5	-26.5	4.9	-1.4	-4.7	-24.6	-6.7	3.4	-7.4	-1.5	-4.7	
2004 Q1	-7.1	0.7	-37.5	-15.7	13.7	36.8	-0.7	-20.3	-4.1	8.5	-1.2	0.3	-0.7	
2004 Q2	-4.9	30.7	2.0	44.1	4.6	39.7	4.6	-1.6	9.3	4.0	5.2	-0.6	4.6	
2004 Q3	-3.5	21.1	-11.0	21.6	4.4	24.5	2.9	-17.2	0.0	3.2	8.3	3.8	2.9	
2004 Q4	-1.1	25.2	-5.2	11.3	0.4	3.5	2.7	-9.2	4.8	0.0	1.2	9.0	2.7	
2005 Q1	-3.4	30.3	-3.6	-35.7	-0.8	-16.0	0.3	-18.3	-1.2	-1.1	-1.0	11.2	0.3	
2005 Q2	66.2	-170.5	-3.2	-37.3	3.4	-13.0	7.6	-4.3	-1.4	2.8	3.6	16.6	7.6	
2005 Q3	9.4	9.0	4.7	-10.0	-0.7	3.2	6.5	-2.3	7.1	-0.5	11.8	9.2	6.5	
2005 Q4	5.9	4.1	5.3	1.4	-2.2	32.4	5.7	-0.1	0.4	-1.8	13.7	7.9	5.7	
2006 Q1	6.9	-10.0	31.4	85.1	-1.5	45.1	5.7	26.9	3.2	0.2	8.9	1.4	5.7	
2006 Q2	-33.9	-236.4	-4.7	7.6	-4.2	20.4	-2.8	-7.7	4.4	-4.3	4.0	-4.2	-2.8	
2006 Q3	5.6	-0.5	-0.2	-3.8	-5.4	12.1	2.8	11.8	6.0	-5.1	5.2	1.3	2.8	
2006 Q4	9.9	2.2	-4.9	-9.8	-4.0	6.4	5.3	22.5	12.0	-4.0	7.5	1.6	5.3	
2007 Q1	10.6	-1.3	-14.7	-16.3	-0.7	0.8	5.0	-8.6	17.0	-1.8	5.2	6.0	5.0	
2007 Q2	13.6	1.3	-1.4	-5.1	-0.2	11.2	8.4	11.0	10.1	-0.3	11.5	9.2	8.4	
2007 Q3	3.3	-4.9	-13.4	-11.5	-1.0	15.7	1.9	-13.9	4.9	-1.9	3.6	4.3	1.9	
2007 Q4	9.2	12.7	-8.4	-22.7	0.3	-10.6	5.7	-19.1	8.2	-0.3	11.6	7.3	5.7	
2008 Q1	-0.3	19.9	-6.3	-25.6	-4.6	-25.9	-1.0	-38.5	-0.1	-4.6	3.0	5.8	-1.0	
2008 Q2	0.4	17.5	-0.2	-19.5	-6.9	-26.9	-1.3	2.2	3.9	-6.5	-2.7	4.5	-1.3	
2008 Q3	0.3	23.4	99.9	-45.9	-19.5	-58.5	-5.1	4.6	-2.5	-11.7	-6.5	3.7	-5.1	
2008 Q4	-11.5	13.0	98.7	-54.1	-23.7	-63.4	-12.9	1.0	-11.2	-15.8	-17.4	-2.5	-12.9	
2009 Q1	-10.9	13.9	85.7	-62.1	-29.6	-51.5	-12.2	32.1	-14.7	-21.6	-11.6	-4.8	-12.2	
2009 Q2	-20.8	2.3	86.4	-50.0	-32.4	-45.9	-19.4	-21.4	-27.7	-23.9	-18.1	-8.2	-19.4	
2009 Q3	-18.8	15.5	-3.8	-11.7	-19.5	-16.2	-12.2	-12.6	-21.8	-17.4	-7.5	-7.0	-12.2	
2009 Q4	-15.0	4.4	-1.4	29.9	-23.2	21.7	-10.9	-21.6	-18.6	-19.9	-3.5	-6.0	-10.9	
2010 Q1	-3.8	4.2	-0.6	30.0	-10.3	9.3	-2.5	16.3	-11.1	-8.7	1.0	0.4	-2.5	
2010 Q2	3.4	7.1	0.3	17.2	5.8	6.9	4.6	-0.1	11.6	4.4	0.8	6.4	4.6	
2010 Q3	10.0	-3.0	-1.8	1.2	11.2	14.3	6.9	32.7	11.0	9.3	0.7	6.6	6.9	
2010 Q4	13.7	-4.2	-5.7	-14.4	21.4	1.9	9.5	91.2	15.9	16.3	-3.8	5.7	9.5	
2011 Q1	2.8	-1.8	-3.6	-5.1	14.2	8.7	3.5	-32.5	11.6	11.2	1.7	2.4	3.5	
2011 Q2	5.4	-7.5	-4.4	-25.4	6.1	-2.5	2.1	-21.9	9.8	4.3	2.9	-2.3	2.1	
2011 Q3	4.6	-5.9	-8.8	-31.4	1.5	-6.0	1.0	-44.0	12.9	-0.3	3.1	1.4	1.0	
2011 Q4	5.1	-6.7	-8.7	-24.4	3.4	5.8	2.1	-46.1	12.4	1.5	8.0	1.7	2.1	
2012 Q1	11.0	-12.0	-10.9	-22.3	2.5	3.4	3.8	39.3	10.9	0.3	0.2	0.9	3.8	
2012 Q2	5.9	3.0	-10.6	-9.1	-4.8	4.9	2.8	13.5	-4.0	-5.1	9.9	4.4	2.8	
2012 Q3	4.3	-11.2	-8.8	-4.2	-5.5	8.4	-0.6	19.6	-9.0	-5.4	4.4	0.9	-0.6	
2012 Q4	8.0	-7.9	-8.7	-7.4	-4.7	7.1	2.3	16.6	-4.2	-4.7	6.6	6.1	2.3	
2013 Q1	1.3	-16.9	-9.9	11.3	-2.7	12.6	-2.5	-24.4	-0.2	-3.5	-4.9	4.6	-2.5	
2013 Q2	3.8	-6.8	-5.2	5.8	11.5	18.7	3.4	1.3	-3.9	8.9	3.4	4.5	3.4	
2013 Q3	7.4	5.1	-4.4	16.5	14.1	31.0	8.8	45.9	8.4	11.3	6.5	3.9	8.8	
2013 Q4	-0.2	6.1	-3.4	30.4	12.3	32.4	4.1	16.0	1.3	10.0	3.3	0.1	4.1	
2014 Q1	5.1	28.8	4.5	21.9	15.5	18.6	11.2	56.3	2.2	14.2	16.3	2.5	11.2	
2014 Q2	9.7	-0.1	16.3	35.4	5.0	26.9	8.3	76.8	24.2	6.2	0.4	-0.6	8.3	
2014 Q3	3.0	5.1	22.5	25.4	7.8	13.5	5.2	29.7	11.9	9.5	-0.5	-1.2	5.2	
2014 Q4	2.8	3.8	26.4	14.4	5.8	2.1	4.1	32.1	9.3	8.1	-2.5	0.2	4.1	
2015 Q1	8.0	-4.4	24.6	10.9	3.2	-2.5	4.8	91.2	2.3	5.6	1.0	-6.0	4.8	
2015 Q2	4.0	6.6	-5.9	-4.7	11.5	-7.6	4.9	32.2	0.0	9.4	3.6	0.0	4.9	
2015 Q3	1.1	-4.5	-7.4	3.0	4.7	-2.8	0.4	10.2	-6.5	3.2	2.2	-1.4	0.4	
2015 Q4	2.0	-8.4	-12.5	6.0	7.2	7.5	1.1	19.9	-4.4	4.8	1.9	-3.9	1.1	
2016 Q1	-3.2	-9.0	-16.1	-5.2	8.5	24.7	-1.1	-3.6	-6.1	5.4	-3.7	2.4	-1.1	
2016 Q2	-2.5	-1.4	12.4	26.2	2.1	7.2	-0.6	18.3	-7.5	3.2	-2.3	-2.0	-0.6	
2016 Q3	2.2	7.5	1.9	-2.9	3.4	5.8	3.5	46.3	-4.7	3.3	1.7	0.2	3.5	
2016 Q4	2.0	9.7	7.3	2.3	3.2	5.7	3.7	27.9	-5.5	3.8	5.3	1.4	3.7	
2017 Q1	2.9	5.9	9.7	-6.1	4.3	1.8	3.7	7.2	-3.8	4.9	8.0	0.1	3.7	
2017 Q2	2.5	1.6	-5.8	12.1	2.3	6.8	2.4	-1.1	0.1	1.4	6.5	-0.1	2.4	
2017 Q3	1.3	-0.7	7.3	5.4	3.5	5.6	1.8	-11.8	2.3	3.9	3.5	2.3	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.

## Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

Official Sensitive until after 9.30am on 23rd November 2017

£ million (reference year = 2015)

	Sector								Asset								
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products			
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total	S.1		S.1	Dwellings <sup>3</sup>	S.1	S.1	S.1	S.1		
SECTOR <sup>6</sup>	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1			
ASSET <sup>6</sup>	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132	AN.1139	AN.115	AN.114	AN.111	AN.112	AN.116	AN.117	TOTAL
	NPCL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT				
1997	140 292	21 647	3 428	614	57 828	9 927	232 614	12 586	44 079	60 768	77 235	41 189	232 614				
1998	152 734	23 672	3 312	486	58 560	8 400	247 870	14 284	47 500	61 367	86 610	41 325	247 870				
1999	154 270	24 516	2 963	668	58 332	11 938	253 998	10 862	46 918	60 835	93 682	44 857	253 998				
2000	159 267	24 068	2 630	594	61 429	12 495	262 161	10 706	48 994	63 590	93 647	47 352	262 161				
2001	148 745	28 167	4 239	982	58 888	13 961	255 432	11 155	44 771	62 830	92 592	46 912	255 432				
2002	147 616	30 178	4 808	1 413	63 417	15 818	262 655	16 685	47 916	67 880	84 228	46 664	262 655				
2003	143 456	33 483	5 543	1 701	68 211	15 438	265 835	14 623	47 903	73 496	85 033	46 861	265 835				
2004	137 395	39 899	4 687	1 929	72 017	19 360	272 054	12 772	49 021	76 308	87 775	48 328	272 054				
2005	163 675	24 952	4 726	1 517	71 956	19 430	285 688	11 948	49 603	76 178	93 744	53 714	285 688				
2006	152 730	42 462	4 946	1 719	69 227	23 214	293 299	13 477	52 777	73 662	99 701	53 716	293 299				
2007	166 638	43 316	4 458	1 477	68 955	24 103	308 611	12 321	57 981	72 861	107 677	57 297	308 611				
2008	161 788	51 185	6 516	959	59 612	13 661	292 721	11 346	56 485	65 887	101 047	58 904	292 721				
2009	135 187	55 738	8 322	631	43 716	9 272	252 432	10 214	44 763	52 181	90 485	55 066	252 432				
2010	142 761	56 217	8 159	668	46 497	10 012	263 858	13 679	47 537	54 739	90 186	57 666	263 858				
2011	149 156	53 176	7 642	521	49 302	10 146	269 573	8 477	53 096	56 907	93 700	58 119	269 573				
2012	160 002	49 349	6 893	462	47 758	10 747	275 163	10 335	52 094	54 787	98 580	59 892	275 163				
2013	164 847	47 637	6 492	535	51 886	13 292	284 562	11 234	52 792	58 376	100 667	61 824	284 562				
2014	173 239	51 747	7 623	663	56 234	15 237	304 735	16 313	58 896	63 861	103 714	61 951	304 735				
2015	179 697	50 287	7 524	687	59 977	15 019	313 189	21 977	57 566	67 501	105 969	60 176	313 189				
2016	178 951	51 020	7 575	720	62 516	16 604	317 386	26 508	54 122	70 143	106 163	60 450	317 386				

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

	Sector								Asset								
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products			
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total	S.1		S.1	Dwellings <sup>3</sup>	S.1	S.1	S.1	S.1		
SECTOR <sup>6</sup>	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1			
ASSET <sup>6</sup>	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132	AN.1139	AN.115	AN.114	AN.111	AN.112	AN.116	AN.117	TOTAL
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N				
1998	8.9	9.4	-3.4	-20.8	1.3	-15.4	6.6	13.5	7.8	1.0	12.1	0.3	6.6				
1999	1.0	3.6	-10.5	37.4	-0.4	42.1	2.5	-24.0	-1.2	-0.9	8.2	8.5	2.5				
2000	3.2	-1.8	-11.2	-11.1	5.3	4.7	3.2	-1.4	4.4	4.5	0.0	5.6	3.2				
2001	-6.6	17.0	61.2	65.3	-4.1	11.7	-2.6	4.2	-8.6	-1.2	-1.1	-0.9	-2.6				
2002	-0.8	7.1	13.4	43.9	7.7	13.3	2.8	49.6	7.0	8.0	-9.0	-0.5	2.8				
2003	-2.8	11.0	15.3	20.4	7.6	-2.4	1.2	-12.4	0.0	8.3	1.0	0.4	1.2				
2004	-4.2	19.2	-15.4	13.4	5.6	25.4	2.3	-12.7	2.3	3.8	3.2	3.1	2.3				
2005	19.1	-37.5	0.8	-21.4	-0.1	0.4	5.0	-6.5	1.2	-0.2	6.8	11.1	5.0				
2006	-6.7	70.2	4.7	13.3	-3.8	19.5	2.7	12.8	6.4	-3.3	6.4	0.0	2.7				
2007	9.1	2.0	-9.9	-14.1	-0.4	3.8	5.2	-8.6	9.9	-1.1	8.0	6.7	5.2				
2008	-2.9	18.2	46.2	-35.1	-13.5	-43.3	-5.1	-7.9	-2.6	-9.6	-6.2	2.8	-5.1				
2009	-16.4	8.9	27.7	-34.2	-26.7	-32.1	-13.8	-10.0	-20.8	-20.8	-10.5	-6.5	-13.8				
2010	5.6	0.9	-2.0	5.9	6.4	8.0	4.5	33.9	6.2	4.9	-0.3	4.7	4.5				
2011	4.5	-5.4	-6.3	-22.0	6.0	1.3	2.2	-38.0	11.7	4.0	3.9	0.8	2.2				
2012	7.3	-7.2	-9.8	-11.3	-3.1	5.9	2.1	21.9	-1.9	-3.7	5.2	3.1	2.1				
2013	3.0	-3.5	-5.8	15.8	8.6	23.7	3.4	8.7	1.3	6.6	2.1	3.2	3.4				
2014	5.1	8.6	17.4	23.9	8.4	14.6	7.1	45.2	11.6	9.4	3.0	0.2	7.1				
2015	3.7	-2.8	-1.3	3.6	6.7	-1.4	2.8	34.7	-2.3	5.7	2.2	-2.9	2.8				
2016	-0.4	1.5	0.7	4.8	4.2	10.6	1.3	20.6	-6.0	3.9	0.2	0.5	1.3				

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.



## Gross Fixed Capital Formation by sector and type of asset

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

Official Sensitive until after 9.30am on 23rd November 2017

£ million (reference year = 2015)

Sector	Public corporations <sup>2</sup>								Private sector							Asset				
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>		Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>		Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products	Total			
			S.11001 AN.111	S.11001 AN.111		S.1PT AN.111	S.1PT AN.116				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 AN.117	
SECTOR <sup>6</sup>	S.ING 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 AN.117	S.1 TOTAL						
1997 Q2	3.0	-48.9	-70.6	-23.6	2.7	54.2	-3.5	-5.3	-4.8	-5.7	-5.1	1.3	-3.5							
1997 Q3	4.5	31.2	44.6	-12.5	3.8	-16.2	5.2	-3.5	9.4	5.3	7.8	1.7	5.2							
1997 Q4	8.6	4.1	-10.2	-2.3	6.7	2.5	7.6	-13.2	16.1	5.9	10.0	2.2	7.6							
1998 Q1	-1.9	53.6	93.9	12.3	-8.3	-38.5	1.0	49.9	-7.6	-4.0	7.0	-4.8	1.0							
1998 Q2	-3.0	-46.4	-55.9	-34.9	5.9	34.0	-7.3	-10.6	-5.9	0.8	-16.4	0.0	-7.3							
1998 Q3	1.8	23.8	58.5	42.1	-2.9	20.0	3.9	-10.0	1.2	-0.7	14.3	2.0	3.9							
1998 Q4	11.8	11.0	-14.2	-17.8	-1.2	-12.2	8.3	-1.7	21.4	-2.0	7.2	6.1	8.3							
1999 Q1	-5.7	39.6	54.6	88.3	-4.1	9.4	0.0	5.2	-7.6	-1.1	4.8	-0.2	0.0							
1999 Q2	-5.5	-39.9	-45.1	-53.1	6.0	2.1	-8.8	-19.6	-12.4	2.0	-13.9	0.6	-8.8							
1999 Q3	4.5	10.8	-16.9	71.4	3.1	40.0	6.3	-10.0	7.6	2.3	11.7	3.4	6.3							
1999 Q4	2.2	4.0	40.3	14.9	-4.6	3.8	1.7	-8.5	-1.6	-3.0	6.1	3.8	1.7							
2000 Q1	0.0	42.1	35.0	0.5	6.2	-9.1	4.6	10.3	8.1	7.7	3.0	-0.2	4.6							
2000 Q2	3.1	-40.7	-59.0	-28.4	1.5	6.9	-3.2	28.6	2.6	-2.3	-16.0	2.0	-3.2							
2000 Q3	-7.1	4.4	46.6	-18.0	-0.5	-27.6	-5.0	-22.8	-14.4	0.8	1.0	-2.9	-5.0							
2000 Q4	8.8	19.6	17.5	28.9	-4.4	27.4	7.1	3.2	13.9	-3.6	13.9	4.0	7.1							
2001 Q1	-7.0	34.9	110.2	108.2	-1.2	-7.6	-1.0	-15.5	-6.6	4.1	2.2	-2.2	-1.0							
2001 Q2	-1.8	-29.1	-47.4	-42.8	-0.4	12.4	-5.5	81.1	-16.2	-5.0	-10.7	-1.8	-5.5							
2001 Q3	-3.9	20.5	24.3	39.4	4.2	22.9	1.8	-22.2	11.0	5.4	0.4	-0.8	1.8							
2001 Q4	1.9	5.2	17.6	5.3	-5.6	-13.8	0.1	-32.3	13.3	-4.3	-3.0	4.2	0.1							
2002 Q1	-3.9	25.8	67.4	40.1	2.3	-8.0	1.4	68.9	-2.6	7.3	-2.5	-4.4	1.4							
2002 Q2	4.1	-37.1	-66.7	-41.4	5.7	11.5	-2.5	45.1	-9.8	-2.9	-11.6	0.9	-2.5							
2002 Q3	-2.7	25.9	40.6	35.1	3.2	25.4	2.6	-16.8	7.7	4.8	7.5	0.7	2.6							
2002 Q4	10.7	8.4	70.6	95.4	6.6	-3.9	9.7	-5.5	14.3	10.0	15.1	2.9	9.7							
2003 Q1	-4.5	43.0	62.1	14.0	-8.0	-26.2	0.3	0.1	0.8	-2.1	2.4	-2.4	0.3							
2003 Q2	-8.1	-42.6	-68.4	-55.1	7.2	8.9	-12.4	-0.2	-24.2	-2.8	-18.8	-0.5	-12.4							
2003 Q3	-0.4	18.4	48.5	30.2	3.8	23.5	4.6	-6.4	15.9	5.5	0.5	0.5	4.6							
2003 Q4	4.4	4.7	12.8	10.8	2.9	0.1	3.9	-19.8	4.8	3.5	12.1	0.9	3.9							
2004 Q1	-3.1	53.4	35.4	33.1	-0.8	4.2	5.3	8.1	4.8	1.8	11.1	-0.4	5.3							
2004 Q2	-6.0	-32.3	-55.7	-22.9	-1.3	9.6	-9.8	17.2	-14.2	-6.4	-18.1	-1.9	-9.8							
2004 Q3	2.4	11.1	33.7	14.2	3.3	7.5	4.7	-16.6	6.4	4.6	7.0	5.3	4.7							
2004 Q4	5.9	7.8	17.4	-1.0	-0.3	-15.2	3.1	-15.9	9.7	0.7	3.3	5.8	3.1							
2005 Q1	-6.6	52.4	41.4	-26.2	-2.6	-18.9	2.4	-5.5	-3.8	0.3	10.0	2.0	2.4							
2005 Q2	66.2	-170.1	-58.4	-25.9	3.0	16.3	-2.0	47.4	-10.6	-2.8	-14.8	2.4	-2.0							
2005 Q3	-32.9	-194.3	59.8	65.5	-0.9	29.8	3.2	-14.8	14.0	1.5	16.3	-1.2	3.2							
2005 Q4	1.5	2.8	8.8	9.0	-1.1	7.3	1.9	-16.1	3.2	-0.5	3.0	4.6	1.9							
2006 Q1	-5.3	35.8	68.6	30.8	-2.7	-7.4	2.4	18.3	-0.4	2.1	4.9	-3.4	2.4							
2006 Q2	1.5	-43.2	-70.0	-56.5	0.4	-5.5	-10.1	12.3	-13.2	-7.5	-15.3	-4.7	-10.1							
2006 Q3	8.5	23.7	84.9	54.5	-2.0	19.0	9.7	0.8	19.1	1.2	14.7	4.8	9.7							
2006 Q4	5.5	6.7	-0.6	1.9	0.7	2.0	4.3	-5.4	8.8	0.6	5.0	5.4	4.3							
2007 Q1	-4.5	34.2	65.0	19.7	-0.2	-13.0	2.1	-16.2	3.8	4.1	3.2	0.9	2.1							
2007 Q2	3.3	-43.9	-69.5	-48.9	1.2	6.5	-7.4	34.7	-18.9	-6.2	-9.6	-2.5	-7.4							
2007 Q3	-0.8	16.1	72.2	47.7	-2.5	21.3	3.4	-20.6	14.5	0.1	5.5	0.7	3.4							
2007 Q4	12.1	30.1	5.1	-12.1	2.2	-20.2	8.7	-7.4	13.3	2.4	13.1	8.3	8.7							
2008 Q1	-13.8	39.1	73.2	13.1	-6.2	-31.8	-4.7	-44.5	-6.8	-1.3	-3.0	-0.4	-4.7							
2008 Q2	5.3	-43.1	-68.8	-44.6	-0.4	10.9	-8.0	147.4	-11.2	-7.7	-17.5	-3.8	-8.0							
2008 Q3	-1.2	21.8	268.3	1.9	-15.3	-22.5	-0.3	-18.6	5.0	-5.0	3.2	0.1	-0.3							
2008 Q4	-0.9	16.1	2.4	-27.6	-2.7	-32.7	-0.1	-6.3	1.6	-1.9	0.2	1.7	-0.1							
2009 Q1	-12.7	38.2	29.1	-8.4	-16.2	-32.6	-3.0	-17.5	-7.1	-9.5	4.5	-2.3	-3.0							
2009 Q2	-8.3	-47.0	-44.1	-26.8	-2.2	56.3	-17.8	19.8	-30.0	-10.7	-25.2	-8.1	-17.8							
2009 Q3	2.3	36.5	30.0	79.8	1.6	22.9	9.9	-9.1	17.9	4.7	18.1	1.8	9.9							
2009 Q4	3.7	3.4	6.1	5.9	-6.6	-8.3	1.4	-10.2	4.5	-4.3	3.6	2.9	1.4							
2010 Q1	-1.0	40.2	26.6	-7.6	-5.2	-36.1	6.7	17.6	3.9	0.5	11.3	5.1	6.7							
2010 Q2	-2.2	-45.6	-41.2	-33.9	18.1	52.5	-12.0	4.4	-12.8	4.6	-26.1	-4.0	-12.0							
2010 Q3	9.1	22.4	24.7	59.5	6.6	22.1	12.0	18.7	16.9	8.9	17.5	2.7	12.0							
2010 Q4	8.0	1.3	2.3	-11.4	1.4	-14.0	4.3	36.3	9.9	1.5	-0.9	1.9	4.3							
2011 Q1	-11.1	47.3	26.6	0.6	-10.5	-30.0	0.2	-61.8	-1.3	-4.9	18.1	1.9	0.2							
2011 Q2	0.4	-50.1	-40.0	-47.7	10.1	35.2	-12.4	24.2	-13.1	0.2	-24.1	-8.5	-12.4							
2011 Q3	8.5	24.6	17.4	45.6	1.9	14.5	10.3	-12.7	19.8	3.5	15.1	6.3	10.3							
2011 Q4	8.8	0.2	2.8	-1.5	2.9	-1.9	5.6	33.7	9.7	3.0	4.2	2.6	5.6							
2012 Q1	-5.9	47.6	22.5	2.3	-11.5	-31.3	1.7	-2.2	-2.5	-7.1	10.9	0.8	1.7							
2012 Q2	-4.7	-43.8	-39.7	-37.1	3.2	37.3	-13.0	-1.7	-26.2	-3.6	-16.3	-5.4	-13.0							
2012 Q3	6.6	4.6	20.8	51.8	1.0	13.9	6.0	-6.8	15.2	3.0	6.5	3.3	6.0							
2012 Q4	13.0	4.8	2.7	-4.0	3.5	0.3	9.2	31.8	15.5	3.4	7.7	7.9	9.2							
2013 Q1	-12.8	44.3	20.2	19.8	-10.3	-25.4	-3.7	-43.5	-0.1	-6.8	-0.4	-1.1	-3.7							
2013 Q2	0.3	-42.6	-36.8	-40.0	18.9	39.6	-6.3	51.3	-25.9	10.2	-9.0	-4.9	-6.3							
2013 Q3	8.3	20.2	24.5	67.8	3.1	20.7	10.0	28.8	26.4	5.0	8.5	2.2	10.0							
2013 Q4	5.5	7.0	2.3	6.8	1.6	3.4	4.8	6.8	7.6	1.7	5.3	4.3	4.8							
2014 Q1	-7.6	59.1	26.3	14.7	-6.4	-28.4	2.4	-19.4	3.4	-3.0	9.0	1.2	2.4							
2014 Q2	3.9	-50.2	-24.7	-33.5	7.3	41.6	-7.7	54.3	-10.6	2.9	-18.4	-8.0	-7.7							
2014 Q3	1.2	24.8	28.0	55.5	5.7	6.7	6.1	-2.6	12.1	7.9	6.0	1.6	6.1							
2014 Q4	5.9	5.6	4.2	-2.7	-0.6	-5.6	3.9	7.7	4.9	0.0	3.9	6.1	3.9							
2015 Q1	-2.9	47.8	18.5	10.0	-8.3	-32.4	3.0	23.4	-2.3	-5.0	12.9	-5.6	3.0							
2015 Q2	-0.1	-44.6	-42.2	-42.9	15.6	36.1	-7.5	2.5	-14.1	6.7	-16.7	-1.8	-7.5							
2015 Q3	-1.8	10.5	31.4	66.4	-0.7	12.2	1.5	-18.8	5.4	2.0	4.5	0.6	1.5							
2015 Q4	7.5	0.6	-1.4	0.0	1.5	3.5	4.8	15.5	9.7	1.1	3.4	3.4	4.8							
2016 Q1	-9.9	45.1	23.6	-11.2	-6.6	-11.2	-0.9	-3.3	-11.0	-3.1	6.6	-0.4	-0.9							
2016 Q2	5.3	-35.1	-30.8	3.0	9.1	3.2	-3.4	34.6	-4.5	3.4	-13.8	-3.8	-3.4							
2016 Q3	1.4	16.8	18.8	7.0	-0.6	6.5	3.7	1.5	3.9	1.1	8.0	0.8	3.7							
2016 Q4	3.6	-0.6	2.7	7.1	1.9	6.8	2.8	9.0	6.0	2.0	4.1	4.0	2.8							
2017 Q1	-5.7	41.3	19.9	-13.7	-4.2	-13.4	1.8	-11.6	-6.4	-1.6	12.8	-0.4	1.8							
2017 Q2	2.7	-36.9	-31.1	7.1	4.3	7.2	-5.9	15.9	-2.1	-0.3	-16.2	-3.3	-5.9							
2017 Q3	1.4	18.6	31.3	7.1	2.2	6.9	4.8	-8.8	8.3	4.8	7.2	3.9	4.8							

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

**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 = 2015)

SECTOR <sup>6</sup> ASSET <sup>5</sup>	Sector							Asset					
	Public corporations <sup>2</sup>				Private sector								
	Business investment <sup>1</sup> S.1NG	General Government S.13	Dwellings <sup>3</sup> S.11001	Costs of ownership transfer on non-produced assets S.11001	Dwellings <sup>3</sup> S.1PT	Costs of ownership transfer on non-produced assets S.1PT	Total S.1	Transport equipment S.1	ICT equipment and other machinery and equipment <sup>5</sup> S.1	Dwellings <sup>3</sup> S.1	Other buildings and structures and transfer costs <sup>4</sup> S.1	Intellectual property products S.1	Total 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	
1998 Q1	14.6	7.3	-25.9	-26.6	4.4	-18.6	10.3	18.9	11.8	0.9	20.4	0.2	10.3
1998 Q2	7.9	12.5	11.0	-37.5	7.7	-29.2	6.0	12.2	10.6	7.8	6.1	-1.1	6.0
1998 Q3	5.1	6.1	21.8	1.5	0.7	1.4	4.7	4.6	2.3	1.8	12.5	-0.8	4.7
1998 Q4	8.3	13.1	16.4	-14.6	-6.8	-13.2	5.4	18.5	6.9	-5.8	9.6	3.0	5.4
1999 Q1	4.1	2.8	-7.2	43.2	-2.5	54.4	4.2	-16.9	6.8	-2.9	7.4	7.9	4.2
1999 Q2	1.4	15.2	15.4	3.2	-2.5	17.6	2.5	-25.2	-0.6	-1.7	10.6	8.6	2.5
1999 Q3	4.0	3.1	-39.5	24.4	3.6	37.3	4.8	-25.2	5.7	1.2	8.1	10.0	4.8
1999 Q4	-4.8	-3.4	-1.1	73.9	0.0	62.3	-1.5	-30.3	-14.4	0.1	7.0	7.7	-1.5
2000 Q1	1.0	-3.6	-13.6	-7.2	10.7	34.9	3.1	-26.9	0.2	9.0	5.1	7.7	3.1
2000 Q2	10.1	-2.9	-35.4	41.8	6.0	41.2	9.4	16.9	17.3	4.3	2.5	9.3	9.4
2000 Q3	-2.0	-8.5	13.9	-32.1	2.3	-27.0	-2.2	0.2	-6.7	2.8	-7.3	2.7	-2.2
2000 Q4	4.2	5.2	-4.6	-23.8	2.5	-10.4	2.9	13.0	8.1	2.2	-0.5	2.9	2.9
2001 Q1	-3.1	-0.2	48.6	57.7	-4.7	-8.9	-2.5	-13.4	-6.6	-1.2	-1.2	0.9	-2.5
2001 Q2	-7.8	19.3	90.4	25.9	-6.5	-4.2	-4.8	22.0	-23.8	-3.9	5.0	-2.9	-4.8
2001 Q3	-4.6	37.8	61.5	114.0	-2.1	62.7	2.0	23.0	-1.1	0.5	4.3	-0.9	2.0
2001 Q4	-10.6	21.2	61.5	74.8	-3.3	10.0	-4.6	-19.3	-1.7	-0.2	-11.1	-0.8	-4.6
2002 Q1	-7.6	13.0	28.7	17.6	0.2	9.6	-2.3	61.3	2.6	2.8	-15.3	-3.0	-2.3
2002 Q2	-2.0	0.4	-18.5	20.6	6.4	8.7	0.9	29.2	10.5	5.1	-16.1	-0.3	0.9
2002 Q3	-0.8	4.9	-7.9	16.8	5.4	10.9	1.6	38.2	7.2	4.5	-10.2	1.2	1.6
2002 Q4	7.8	8.1	33.7	116.7	19.1	23.6	11.3	92.8	8.2	20.1	6.6	0.0	11.3
2003 Q1	7.1	22.8	29.4	76.4	7.1	-0.8	10.1	14.2	11.9	9.6	12.0	2.1	10.1
2003 Q2	-5.5	12.0	22.9	35.1	8.6	-3.1	-1.2	-21.4	-5.9	9.7	2.8	0.7	-1.2
2003 Q3	-3.2	5.3	29.8	30.2	9.2	-4.7	0.8	-11.6	1.3	10.4	-3.9	0.5	0.8
2003 Q4	-8.8	1.6	-14.2	-26.2	5.5	-0.7	-4.4	-25.0	-7.1	4.0	-6.4	-1.5	-4.4
2004 Q1	-7.4	9.0	-28.3	-13.9	13.7	40.2	0.3	-19.0	-3.4	8.0	1.6	0.5	0.3
2004 Q2	-5.3	28.6	0.4	48.1	4.6	41.2	3.4	-4.9	9.2	4.0	2.4	-0.8	3.4
2004 Q3	-2.7	20.7	-9.6	29.9	4.1	22.9	3.4	-15.3	0.2	3.2	9.1	3.9	3.4
2004 Q4	-1.3	24.3	-5.9	16.1	0.8	4.1	2.5	-11.3	4.9	0.3	0.5	8.9	2.5
2005 Q1	-4.8	23.5	-1.7	-35.6	-1.0	-19.0	-0.3	-22.4	-3.7	-1.1	-0.5	11.5	-0.3
2005 Q2	68.3	-227.9	-7.8	-38.2	3.4	-14.0	8.3	-2.4	0.3	2.6	3.6	16.4	8.3
2005 Q3	10.2	8.7	10.2	-10.4	-0.9	3.8	6.9	-0.2	7.4	-0.4	12.5	9.2	6.9
2005 Q4	5.6	3.7	2.1	-1.3	-1.8	31.4	5.6	-0.3	1.1	-1.6	12.2	7.9	5.6
2006 Q1	7.1	-7.6	21.8	75.0	-1.9	50.0	5.5	24.8	4.7	0.2	7.0	2.2	5.5
2006 Q2	-34.6	-174.9	-12.0	2.7	-4.3	21.8	-3.2	-4.9	1.7	-4.7	6.4	-4.9	-3.2
2006 Q3	5.7	-1.8	1.9	-4.2	-5.4	11.7	2.9	12.4	6.3	-4.9	5.0	0.9	2.9
2006 Q4	9.9	1.9	-6.9	-10.4	-3.6	6.2	5.3	26.7	12.0	-3.8	7.0	1.8	5.3
2007 Q1	10.9	0.7	-8.9	-18.0	-1.2	-0.2	5.0	-10.3	16.7	-2.0	5.2	6.3	5.0
2007 Q2	12.9	-0.6	-7.5	-3.7	-0.3	12.5	8.1	7.6	9.0	-0.6	12.4	8.7	8.1
2007 Q3	3.3	-6.6	-13.8	-8.0	-0.8	14.7	1.8	-15.2	4.8	-1.7	3.4	4.5	1.8
2007 Q4	9.8	13.8	-8.9	-20.6	0.7	-10.4	6.2	-17.0	9.1	0.0	11.4	7.3	6.2
2008 Q1	-0.9	17.9	-4.4	-25.0	-5.3	-29.7	-0.8	-45.0	-2.0	-5.1	4.7	5.9	-0.8
2008 Q2	1.0	19.6	-2.1	-18.6	-6.9	-26.9	-1.4	1.0	7.3	-6.7	-4.4	4.4	-1.4
2008 Q3	0.5	25.4	109.5	-43.8	-19.1	-53.2	-5.0	3.7	-1.6	-11.4	-6.6	3.8	-5.0
2008 Q4	-11.2	11.9	104.2	-53.7	-23.0	-61.1	-12.7	4.9	-11.7	-15.2	-17.3	-2.5	-12.7
2009 Q1	-10.0	11.3	52.2	-62.5	-31.2	-61.6	-11.2	55.7	-11.9	-22.2	-10.9	-4.4	-11.2
2009 Q2	-21.6	3.6	172.3	-50.5	-32.4	-45.8	-20.6	-24.6	-30.5	-24.7	-19.2	-8.7	-20.6
2009 Q3	-18.8	16.1	-3.9	-12.6	-18.9	-14.1	-12.4	-15.8	-22.0	-17.0	-7.6	-7.1	-12.4
2009 Q4	-15.1	3.4	-0.5	27.7	-22.2	18.8	-11.1	-19.4	-19.7	-19.0	-4.4	-6.0	-11.1
2010 Q1	-3.7	4.9	-2.4	28.9	-12.0	12.7	-2.2	14.9	-10.3	-10.0	1.9	1.1	-2.2
2010 Q2	2.7	7.7	2.6	16.3	6.2	9.9	4.7	0.1	11.7	5.4	0.7	5.7	4.7
2010 Q3	9.5	-3.4	-1.5	3.2	11.4	9.2	6.6	30.7	10.8	9.6	0.2	6.7	6.6
2010 Q4	14.1	-5.4	-5.1	-13.6	20.9	2.3	9.7	98.4	16.5	16.2	-4.1	5.7	9.7
2011 Q1	2.5	-0.6	-5.1	-6.0	14.3	12.0	3.0	-35.5	10.7	9.9	1.7	2.5	3.0
2011 Q2	5.2	-8.8	-3.1	-25.6	6.5	-0.7	2.5	-23.3	10.2	5.2	4.4	-2.3	2.5
2011 Q3	4.6	-7.1	-8.7	-32.1	1.8	-6.9	0.9	-43.6	12.9	0.1	2.3	1.1	0.9
2011 Q4	5.5	-8.1	-8.2	-24.6	3.3	6.2	2.2	-44.6	12.7	1.5	7.6	1.8	2.2
2012 Q1	11.5	-7.9	-11.2	-23.3	2.1	4.2	3.8	41.8	11.3	-0.8	1.1	0.7	3.8
2012 Q2	5.9	3.6	-10.8	-7.8	4.3	5.8	3.1	12.2	-5.4	-4.5	11.4	4.1	3.1
2012 Q3	3.9	-13.0	-8.3	-3.8	-5.2	5.3	-1.0	19.8	-9.1	-5.0	3.1	1.1	-1.0
2012 Q4	7.9	-9.0	-8.4	-6.2	-4.6	7.7	2.4	18.1	-4.2	-4.6	6.6	6.3	2.4
2013 Q1	0.1	-11.0	-10.1	9.8	-3.2	17.0	-3.0	-31.8	-1.8	-4.3	-4.3	4.3	-3.0
2013 Q2	5.4	-9.1	-5.7	4.8	11.6	18.9	4.5	5.0	-1.4	9.4	4.0	4.9	4.5
2013 Q3	7.1	4.4	-2.8	15.9	13.9	26.0	8.5	45.2	8.2	11.5	5.9	3.7	8.5
2013 Q4	0.0	6.5	-3.2	28.9	11.8	29.8	4.1	17.6	0.7	9.7	3.6	0.2	4.1
2014 Q1	5.9	17.4	1.7	23.4	16.5	24.7	10.7	67.7	4.2	14.2	13.3	2.6	10.7
2014 Q2	9.7	2.0	21.2	36.8	5.2	26.5	9.0	71.0	25.6	6.6	1.6	-0.8	9.0
2014 Q3	2.5	5.9	24.6	26.7	7.8	11.8	5.0	29.3	11.4	9.6	-0.7	-1.4	5.0
2014 Q4	2.8	4.5	26.8	15.4	5.5	2.1	4.1	30.5	8.7	7.7	-2.1	0.3	4.1
2015 Q1	8.1	-2.9	19.0	10.6	3.5	-3.5	4.7	99.9	2.6	5.6	1.5	-6.4	4.7
2015 Q2	4.0	7.8	-8.7	-5.0	11.4	-7.3	4.9	32.8	-1.3	9.4	3.6	-0.1	4.9
2015 Q3	0.8	-4.6	-6.3	1.6	4.7	-2.5	0.4	10.6	-7.2	3.4	2.2	-1.1	0.4
2015 Q4	2.3	-9.1	-11.3	4.4	6.9	6.9	1.3	18.7	-3.0	4.6	1.7	-3.5	1.3
2016 Q1	-5.0	-10.7	-7.5	-15.7	8.8	40.5	-2.5	-7.1	-11.6	6.7	-4.1	1.8	-2.5
2016 Q2	0.1	4.6	10.8	52.2	2.7	6.5	1.8	22.0	-1.8	3.4	-0.7	-0.3	1.8
2016 Q3	3.5	10.6	0.2	-2.1	2.8	1.1	4.1	52.6	-3.2	2.5	2.6	-0.1	4.1
2016 Q4	-0.3	9.4	4.3	4.8	3.3	4.3	2.1	20.2	-6.4	3.4	3.3	0.5	2.1
2017 Q1	4.4	6.4	1.2	1.8	5.9	1.6	4.9	9.9	-1.6	5.0	9.3	0.5	4.9
2017 Q2	1.7	3.6	0.8	5.8	1.3	5.6	2.1	-5.3	0.9	1.2	6.2	1.0	2.1
2017 Q3	1.7	5.1	11.4	6.0	4.1	5.9	3.1	-15.0	5.2	4.9	5.5	4.0	3.1

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

Official Sensitive until after 9.30am on 23rd November 2017

£ million (reference year = 2015)

SECTOR <sup>5</sup> ASSET <sup>6</sup>	Sector								Asset						
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	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	S.1	S.1	S.1	S.1	S.1			
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR		
1997	140 290	21 648	3 428	614	57 828	9 926	232 614	12 586	44 079	60 769	77 235	41 188	232 614		
1998	152 733	23 671	3 311	487	58 561	8 399	247 870	14 285	47 501	61 366	86 610	41 326	247 870		
1999	154 270	24 517	2 964	668	58 333	11 939	253 998	10 861	46 917	60 835	93 683	44 857	253 998		
2000	159 267	24 068	2 631	594	61 429	12 495	262 161	10 707	48 993	63 590	93 647	47 352	262 161		
2001	148 746	28 169	4 239	982	58 889	13 961	255 432	11 154	44 772	62 831	92 591	46 912	255 432		
2002	147 615	30 178	4 809	1 413	63 416	15 820	262 655	16 686	47 916	67 881	84 228	46 664	262 655		
2003	143 456	33 483	5 543	1 702	68 211	15 438	265 835	14 623	47 903	73 497	85 033	46 861	265 835		
2004	137 396	39 900	4 686	1 928	72 017	19 361	272 054	12 771	49 022	76 307	87 775	48 330	272 054		
2005	163 677	24 951	4 726	1 516	71 958	19 430	285 688	11 947	49 603	76 179	93 745	53 715	285 688		
2006	152 728	42 462	4 946	1 720	69 228	23 214	293 299	13 477	52 776	73 661	99 700	53 716	293 299		
2007	166 638	43 316	4 458	1 479	68 956	24 102	308 611	12 320	57 982	72 860	107 676	57 298	308 611		
2008	161 788	51 186	6 516	958	59 612	13 661	292 721	11 346	56 485	65 888	101 047	58 905	292 721		
2009	135 186	55 739	8 321	631	43 715	9 272	252 432	10 213	44 764	52 180	90 485	55 065	252 432		
2010	142 760	56 217	8 159	668	46 496	10 011	263 858	13 679	47 537	54 740	90 185	57 666	263 858		
2011	149 157	53 177	7 642	522	49 303	10 146	269 573	8 477	53 097	56 907	93 701	58 120	269 573		
2012	160 001	49 349	6 895	462	47 758	10 747	275 163	10 334	52 094	54 788	98 580	59 892	275 163		
2013	164 848	47 637	6 493	534	51 885	13 292	284 562	11 235	52 793	58 376	100 667	61 824	284 562		
2014	173 239	51 746	7 623	663	56 235	15 237	304 735	16 312	58 895	63 860	103 713	61 950	304 735		
2015	179 697	50 288	7 523	687	59 978	15 018	313 189	21 977	57 566	67 501	105 969	60 177	313 189		
2016	178 951	51 020	7 575	720	62 516	16 604	317 386	26 508	54 122	70 143	106 163	60 450	317 386		

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR <sup>5</sup> ASSET <sup>6</sup>	Sector								Asset						
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	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	S.1	S.1	S.1	S.1	S.1			
1998	8.9	9.3	-3.4	-20.7	1.3	-15.4	6.6	13.5	7.8	1.0	12.1	0.3	6.6		
1999	1.0	3.6	-10.5	37.2	-0.4	42.1	2.5	-24.0	-1.2	-0.9	8.2	8.5	2.5		
2000	3.2	-1.8	-11.2	-11.1	5.3	4.7	3.2	-1.4	4.4	4.5	0.0	5.6	3.2		
2001	-6.6	17.0	61.1	65.3	-4.1	11.7	-2.6	4.2	-8.6	-1.2	-1.1	-0.9	-2.6		
2002	-0.8	7.1	13.4	43.9	7.7	13.3	2.8	49.6	7.0	8.0	-9.0	-0.5	2.8		
2003	-2.8	11.0	15.3	20.5	7.6	-2.4	1.2	-12.4	0.0	8.3	1.0	0.4	1.2		
2004	-4.2	19.2	-15.5	13.3	5.6	25.4	2.3	-12.7	2.3	3.8	3.2	3.1	2.3		
2005	19.1	-37.5	0.9	-21.4	-0.1	0.4	5.0	-6.5	1.2	-0.2	6.8	11.1	5.0		
2006	-6.7	70.2	4.7	13.5	-3.8	19.5	2.7	12.8	6.4	-3.3	6.4	0.0	2.7		
2007	9.1	2.0	-9.9	-14.0	-0.4	3.8	5.2	-8.6	9.9	-1.1	8.0	6.7	5.2		
2008	-2.9	18.2	46.2	-35.2	-13.6	-43.3	-5.1	-7.9	-2.6	-9.6	-6.2	2.8	-5.1		
2009	-16.4	8.9	27.7	-34.1	-26.7	-32.1	-13.8	-10.0	-20.8	-20.8	-10.5	-6.5	-13.8		
2010	5.6	0.9	-1.9	5.9	6.4	8.0	4.5	33.9	6.2	4.9	-0.3	4.7	4.5		
2011	4.5	-5.4	-6.3	-21.9	6.0	1.3	2.2	-38.0	11.7	4.0	3.9	0.8	2.2		
2012	7.3	-7.2	-9.8	-11.5	-3.1	5.9	2.1	21.9	-1.9	-3.7	5.2	3.0	2.1		
2013	3.0	-3.5	-5.8	15.6	8.6	23.7	3.4	8.7	1.3	6.5	2.1	3.2	3.4		
2014	5.1	8.6	17.4	24.2	8.4	14.6	7.1	45.2	11.6	9.4	3.0	0.2	7.1		
2015	3.7	-2.8	-1.3	3.6	6.7	-1.4	2.8	34.7	-2.3	5.7	2.2	-2.9	2.8		
2016	-0.4	1.5	0.7	4.8	4.2	10.6	1.3	20.6	-6.0	3.9	0.2	0.5	1.3		

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.



£ million

SECTOR <sup>1</sup> ASSET <sup>6</sup>	Sector							Asset							
	Public corporations <sup>2</sup>				Private sector			Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products	Total
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Total		S.1	S.1		S.1	S.1		
S.11001 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			
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPOS	TLPX	TLPW	GGAE	EQED	TLPK	NPOS		
1997 Q1	27 373	3 761	521	112	6 109	1 641	39 520	3 042	11 479	6 629	10 131	8 239	39 520		
1997 Q2	28 278	3 684	388	140	5 973	2 153	40 617	3 135	11 288	6 361	11 516	8 317	40 617		
1997 Q3	29 222	3 991	359	104	6 311	1 651	41 637	3 117	11 932	6 669	11 543	8 376	41 637		
1997 Q4	30 218	3 997	355	95	6 767	1 773	43 202	3 108	12 111	7 121	12 431	8 431	43 202		
1998 Q1	30 663	4 008	385	84	6 611	1 430	43 182	3 622	11 869	6 993	12 430	8 268	43 182		
1998 Q2	30 907	4 250	415	91	6 767	1 592	44 021	3 355	12 325	7 182	12 787	8 373	44 021		
1998 Q3	30 574	4 326	431	110	6 630	1 731	43 803	3 152	11 534	7 062	13 575	8 479	43 803		
1998 Q4	32 397	4 495	400	84	6 695	1 576	45 648	3 546	12 214	7 097	13 999	8 793	45 648		
1999 Q1	31 713	4 235	359	127	6 752	2 164	45 350	3 047	12 094	7 111	14 096	9 002	45 350		
1999 Q2	31 366	4 735	476	101	7 007	1 963	45 649	2 412	12 098	7 493	14 455	9 190	45 649		
1999 Q3	32 098	4 515	279	144	7 233	2 449	46 718	2 362	12 147	7 523	15 235	9 451	46 718		
1999 Q4	31 149	4 390	415	151	7 216	2 697	46 017	2 530	10 635	7 641	15 666	9 545	46 017		
2000 Q1	32 712	4 203	335	121	7 867	2 893	48 130	2 358	12 105	8 215	15 789	9 663	48 130		
2000 Q2	34 807	4 962	327	145	7 828	2 877	50 944	2 599	14 129	8 170	16 016	10 030	50 944		
2000 Q3	31 993	4 392	363	97	7 808	1 719	46 375	2 341	11 378	8 185	14 700	9 770	46 375		
2000 Q4	33 438	4 728	395	115	7 698	2 476	48 850	2 832	11 636	8 108	16 445	9 830	48 850		
2001 Q1	32 664	4 247	489	197	7 786	2 726	48 108	2 218	11 419	8 303	16 287	9 881	48 108		
2001 Q2	32 465	5 956	636	192	7 762	2 893	49 904	2 972	11 041	8 414	17 648	9 828	49 904		
2001 Q3	31 163	5 730	618	215	7 927	3 034	48 689	2 849	11 213	8 571	16 178	9 879	48 689		
2001 Q4	30 212	5 833	643	208	7 944	2 824	47 665	2 338	11 269	8 607	15 417	10 033	47 665		
2002 Q1	31 383	5 161	666	236	8 187	3 035	48 669	3 562	11 493	8 879	14 869	9 866	48 669		
2002 Q2	31 607	6 170	598	242	8 719	3 208	50 546	3 959	11 136	9 334	16 016	10 100	50 546		
2002 Q3	31 318	6 128	668	255	9 211	3 470	51 048	3 997	11 422	9 902	15 491	10 236	51 048		
2002 Q4	32 823	6 299	905	462	10 020	3 580	54 088	4 309	11 723	10 939	16 862	10 255	54 088		
2003 Q1	32 990	6 381	969	437	9 587	3 131	53 495	4 137	11 855	10 588	16 670	10 244	53 495		
2003 Q2	30 515	6 988	819	351	10 285	3 203	52 163	3 127	10 647	11 168	16 987	10 233	52 163		
2003 Q3	29 921	6 490	899	337	10 730	3 354	51 734	3 523	10 967	11 660	15 288	10 296	51 734		
2003 Q4	30 239	6 429	822	348	11 308	3 630	52 772	3 247	10 636	12 161	16 545	10 182	52 772		
2004 Q1	30 842	7 000	747	374	11 681	4 389	55 038	3 263	11 078	12 474	17 888	10 335	55 038		
2004 Q2	28 983	8 612	869	519	11 427	4 587	54 995	3 099	11 154	12 319	18 199	10 224	54 995		
2004 Q3	28 833	7 977	806	425	11 926	4 314	54 280	2 890	10 886	12 758	17 121	10 625	54 280		
2004 Q4	29 243	8 264	814	401	12 129	3 910	54 759	2 872	11 083	12 964	17 027	10 813	54 759		
2005 Q1	29 635	9 813	772	253	12 311	3 835	56 623	2 652	11 242	13 114	18 381	11 234	56 623		
2005 Q2	47 830	- 7 569	897	339	12 688	4 176	58 357	2 967	10 763	13 587	19 210	11 830	58 357		
2005 Q3	31 924	9 060	939	395	12 921	4 619	59 857	2 842	11 285	13 867	20 152	11 710	59 857		
2005 Q4	31 552	8 994	965	423	12 938	5 372	60 243	2 902	10 846	13 908	20 612	11 975	60 243		
2006 Q1	31 866	8 791	1 051	485	13 046	5 866	61 109	3 349	10 815	14 099	21 204	11 642	61 109		
2006 Q2	32 722	9 159	935	378	13 128	5 233	61 553	2 657	11 336	14 062	21 834	11 665	61 553		
2006 Q3	34 475	9 242	1 044	397	13 024	5 323	63 502	3 229	11 682	14 074	22 334	12 183	63 502		
2006 Q4	35 298	9 263	1 018	400	13 097	5 946	65 022	3 624	11 625	14 118	23 246	12 408	65 022		
2007 Q1	35 709	8 768	1 052	425	13 650	6 276	65 885	3 059	12 130	14 699	23 367	12 630	65 885		
2007 Q2	37 399	9 742	918	375	13 789	6 131	68 352	2 973	11 965	14 708	25 824	12 883	68 352		
2007 Q3	35 917	9 024	945	364	13 590	6 303	66 142	2 760	11 903	14 537	23 954	12 989	66 142		
2007 Q4	39 430	10 981	982	317	13 866	5 426	71 001	3 041	12 404	14 850	26 995	13 711	71 001		
2008 Q1	36 799	11 355	1 139	316	13 979	4 586	68 178	1 813	12 084	15 126	25 318	13 837	68 178		
2008 Q2	38 490	11 502	899	301	13 742	4 366	69 297	3 152	12 491	14 646	24 992	14 016	69 297		
2008 Q3	37 415	11 451	2 075	192	11 707	2 621	65 461	2 985	12 111	13 783	22 783	13 799	65 461		
2008 Q4	36 036	12 542	2 029	141	11 353	1 959	64 061	3 281	11 587	13 383	22 171	13 639	64 061		
2009 Q1	33 715	12 885	1 880	114	10 415	1 990	61 003	2 572	11 207	12 292	21 637	13 295	61 003		
2009 Q2	31 602	11 894	2 185	142	9 750	2 237	57 806	2 563	10 021	11 981	20 402	12 839	57 806		
2009 Q3	30 963	13 007	1 995	160	9 610	2 129	57 861	2 649	10 310	11 566	20 411	12 926	57 861		
2009 Q4	30 773	12 767	1 964	173	8 766	2 280	56 725	2 564	10 021	10 729	20 540	12 871	56 725		
2010 Q1	32 121	12 895	1 913	146	9 389	2 202	58 681	2 882	10 264	11 295	20 866	13 375	58 681		
2010 Q2	32 304	12 505	2 027	165	10 262	2 383	59 643	2 601	11 198	12 291	19 756	13 796	59 643		
2010 Q3	33 726	12 559	1 935	164	10 780	2 430	61 589	3 537	11 562	12 718	19 884	13 889	61 589		
2010 Q4	34 929	12 261	1 846	150	10 762	2 341	62 273	4 897	11 731	12 605	19 241	13 798	62 273		
2011 Q1	33 366	12 764	1 869	140	10 872	2 437	61 479	1 976	11 649	12 746	21 091	14 018	61 479		
2011 Q2	34 478	11 735	1 875	126	11 037	2 369	61 613	2 130	12 408	12 913	20 380	13 782	61 613		
2011 Q3	35 986	12 054	1 770	114	11 166	2 320	63 385	2 097	13 106	12 937	20 977	14 267	63 385		
2011 Q4	37 375	11 722	1 731	116	11 478	2 512	64 934	2 684	13 425	13 195	21 389	14 242	64 934		
2012 Q1	38 000	11 965	1 729	111	11 532	2 570	65 908	2 935	13 209	13 245	22 286	14 233	65 908		
2012 Q2	37 262	12 139	1 677	116	11 013	2 542	64 747	2 443	12 160	12 739	22 981	14 423	64 747		
2012 Q3	38 137	11 018	1 627	111	10 957	2 540	64 389	2 444	12 127	12 626	22 678	14 513	64 389		
2012 Q4	40 879	11 101	1 607	109	11 355	2 725	67 776	2 972	12 926	13 001	23 683	15 193	67 776		
2013 Q1	39 467	10 382	1 599	124	11 583	2 976	66 132	2 348	13 336	13 182	22 293	14 973	66 132		
2013 Q2	38 686	11 394	1 600	124	12 570	3 045	67 419	2 406	11 523	14 170	24 025	15 294	67 419		
2013 Q3	41 719	11 783	1 589	131	12 881	3 319	71 422	3 619	13 198	14 470	24 801	15 334	71 422		
2013 Q4	41 537	12 159	1 569	143	13 210	3 618	72 236	3 370	13 201	14 779	25 416	15 470	72 236		
2014 Q1	41 850	13 234	1 696	154	13 891	3 614	74 439	3 643	13 497	15 587	26 155	15 558	74 439		
2014 Q2	43 112	12 017	1 987	169	13 742	3 897	74 925	4 062	14 246	15 728	25 667	15 221	74 925		
2014 Q3	42 673	12 719	1 966	166	14 253	3 810	75 588	4 442	14 447	16 219	25 320	15 161	75 588		
2014 Q4	42 916	12 984	1 969	166	14 247	3 732	76 013	4 288	14 526	16 216	25 468	15 515	76 013		
2015 Q1	45 755	13 043	2 065	173	14 405	3 538	78 977	6 728	14 325	16 469	26 820	14 634	78 977		
2015 Q2	45 461	12 928	1 861	164	15 214	3 648	79 276	5 144	14 987	17 075	26 710	15 361	79 276		
2015 Q3	44 064	12 342	1 852	173	15 020	3 777	77 229	4 871	14 136	16 873	26 233	15 117	77 229		
2015 Q4	44 417	11 975	1 745	177	15 338	4 054	77 707	5 235	14 118	17 084	26 206	15 064	77 707		
2016 Q1	44 897</														

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

£ million

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector							Asset						
	Public corporations <sup>2</sup>				Private sector			Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Other buildings and structures costs <sup>4</sup>		Intellectual property products	
	Business investment <sup>1</sup> S.1NG BUS INV	General Government S.13 TOTAL	Costs of ownership transfer on non- produced assets		Costs of ownership transfer on non- produced assets		Total 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
			Dwellings <sup>3</sup> S.11001 AN.111	Dwellings <sup>3</sup> S.11001 AN.111	Dwellings <sup>3</sup> S.11001 AN.111	Dwellings <sup>3</sup> S.11001 AN.111								
KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
1997 Q2	3.3	-2.0	-25.5	25.0	-2.2	31.2	2.8	3.1	-1.7	-4.0	13.7	0.9	2.8	
1997 Q3	3.3	8.3	-7.5	-25.7	5.7	-23.3	2.5	-0.6	5.7	4.8	0.2	0.7	2.5	
1997 Q4	3.4	0.2	-1.1	-8.7	7.2	7.4	3.8	-0.3	1.5	6.8	7.7	0.7	3.8	
1998 Q1	1.5	0.3	8.5	-11.6	-2.3	-19.3	0.0	16.5	-2.0	-1.8	0.0	-1.9	0.0	
1998 Q2	0.8	6.0	7.8	8.3	2.4	11.3	1.9	-7.4	3.8	2.7	2.9	1.3	1.9	
1998 Q3	-1.1	1.8	3.9	20.9	-2.0	8.7	-0.5	-6.1	-6.4	-1.7	6.2	1.3	-0.5	
1998 Q4	6.0	3.9	-7.2	-23.6	1.0	-9.0	-4.2	12.5	5.9	0.5	3.1	3.7	4.2	
1999 Q1	-2.1	-5.8	-10.3	51.2	0.9	37.3	-0.7	-14.1	-1.0	0.2	0.7	2.4	-0.7	
1999 Q2	-1.1	11.8	32.6	-20.5	3.8	-9.3	0.7	-20.8	0.0	5.4	2.5	2.1	0.7	
1999 Q3	2.3	-4.6	-41.4	42.6	3.2	24.8	2.3	-2.1	0.4	0.4	5.4	2.8	2.3	
1999 Q4	-3.0	-2.8	48.7	4.9	-0.2	10.1	-1.5	7.1	-12.4	1.6	2.8	1.0	-0.5	
2000 Q1	5.0	-4.3	-19.3	-19.9	9.0	7.3	4.6	-6.8	13.8	7.5	0.8	1.2	4.6	
2000 Q2	6.4	18.1	-2.4	19.8	-0.5	-0.6	5.8	10.2	16.7	-0.5	1.4	3.8	5.8	
2000 Q3	-8.1	-11.5	11.0	-33.1	-0.3	-40.3	-9.0	-9.9	-19.5	0.2	-8.2	-2.6	-9.0	
2000 Q4	4.5	7.7	8.8	18.6	-1.4	44.0	5.3	21.0	2.3	-0.9	11.9	0.6	5.3	
2001 Q1	-2.3	-10.2	23.8	71.3	1.1	10.1	-1.5	-21.7	-1.9	2.4	-1.0	0.5	-1.5	
2001 Q2	-0.6	40.2	30.1	-2.5	-0.3	6.1	3.7	34.0	-3.3	1.3	8.4	-0.5	3.7	
2001 Q3	-4.0	-3.8	-2.8	12.0	2.1	4.9	-2.4	-4.1	1.6	1.9	-8.3	0.5	-2.4	
2001 Q4	-3.1	1.8	4.0	-3.3	0.2	-6.9	-2.1	-17.9	0.5	0.4	-4.7	1.6	-2.1	
2002 Q1	3.9	-11.5	3.6	13.5	3.1	7.5	2.1	52.4	2.0	3.2	-3.6	-1.7	2.1	
2002 Q2	0.7	19.6	-10.2	2.5	6.5	5.7	3.9	11.1	-3.1	5.1	7.7	2.4	3.9	
2002 Q3	-0.9	-0.7	11.7	5.4	5.6	8.2	1.0	1.0	2.6	6.1	-3.3	1.3	1.0	
2002 Q4	4.8	2.8	35.5	81.2	8.8	3.2	6.0	7.8	2.6	10.5	8.9	0.2	6.0	
2003 Q1	0.5	1.3	7.1	-5.4	-4.3	-12.5	-1.1	-4.0	1.1	-3.2	-1.1	-0.1	-1.1	
2003 Q2	-7.5	9.5	-15.5	-19.7	7.3	2.3	-2.5	-24.4	-10.2	5.5	1.9	-0.1	-2.5	
2003 Q3	-1.9	-7.1	9.8	-4.0	4.3	4.7	-0.8	12.7	3.0	4.4	-10.0	0.6	-0.8	
2003 Q4	1.1	-0.9	-8.6	3.3	5.4	8.2	2.0	-7.8	-3.0	4.3	8.2	-1.1	2.0	
2004 Q1	2.0	8.9	-9.1	7.5	3.3	20.9	4.3	0.5	4.2	2.6	8.1	1.5	4.3	
2004 Q2	-6.0	23.0	16.3	38.8	-2.2	4.5	-0.1	-5.0	0.7	-1.2	1.7	-1.1	-0.1	
2004 Q3	-0.5	-7.4	-7.2	-18.1	4.4	-6.0	-1.3	-6.7	-2.4	3.6	-5.9	3.9	-1.3	
2004 Q4	1.4	3.6	1.0	-5.6	1.7	-9.4	0.9	0.6	1.8	1.6	-0.5	1.8	0.9	
2005 Q1	1.3	18.7	-5.2	-36.9	1.5	-1.9	3.4	-7.7	1.4	1.2	8.0	3.9	3.4	
2005 Q2	61.4	-177.1	16.2	34.0	3.1	8.9	3.1	11.9	4.3	3.6	4.5	5.3	3.1	
2005 Q3	-33.3	-219.7	4.7	16.5	1.8	10.6	2.6	-4.2	4.8	2.1	4.9	-1.0	2.6	
2005 Q4	-1.2	-0.7	2.8	7.1	0.1	16.3	0.6	2.1	-3.9	0.3	2.3	2.3	0.6	
2006 Q1	1.0	-2.3	8.9	14.7	0.8	9.2	1.4	15.4	0.3	1.4	2.9	-2.8	1.4	
2006 Q2	2.7	4.2	-11.0	-22.1	0.6	-10.8	0.7	-20.7	4.8	-0.3	3.0	0.2	0.7	
2006 Q3	5.4	0.9	11.7	5.0	-0.8	1.7	3.2	21.5	3.1	0.1	2.3	4.4	3.2	
2006 Q4	2.4	0.2	-2.2	0.8	0.6	11.7	2.4	12.2	-0.5	0.3	4.1	1.8	2.4	
2007 Q1	1.2	-5.3	3.3	6.3	4.2	5.5	1.3	-15.6	4.3	4.1	0.5	1.8	1.3	
2007 Q2	4.7	11.1	-12.7	-11.8	1.0	-3.3	3.7	-2.8	-1.4	0.1	10.5	2.0	3.7	
2007 Q3	-4.0	-7.4	2.9	-2.9	-1.4	2.8	-3.2	-7.2	-0.5	-1.2	-7.2	0.8	-3.2	
2007 Q4	9.8	21.7	3.9	-12.9	2.0	-13.9	7.3	10.2	4.2	2.2	12.7	5.6	3.2	
2008 Q1	-6.7	3.4	16.0	-0.3	0.8	-15.5	-40.0	-40.0	2.6	1.9	-6.2	0.9	-4.0	
2008 Q2	4.6	1.3	-21.1	4.7	-1.7	-4.8	1.6	73.9	3.4	-3.2	-1.3	1.3	1.6	
2008 Q3	-2.8	-0.4	130.8	-36.2	-14.8	-40.0	-5.5	-5.3	-3.0	-5.9	-8.8	-1.5	-5.5	
2008 Q4	-3.7	9.5	-2.2	-26.6	-3.0	-25.3	-2.1	9.9	-4.3	-2.9	2.7	-1.2	-2.1	
2009 Q1	-6.4	2.7	-7.3	-19.1	-8.3	1.6	-4.8	-21.6	-3.3	-8.2	-2.4	-2.5	-4.8	
2009 Q2	-6.3	7.7	16.2	24.6	-6.4	12.4	-5.2	-0.3	-10.6	-2.5	0.7	-3.4	-5.2	
2009 Q3	-2.0	9.4	-8.7	12.7	-1.4	-4.8	0.1	3.4	2.9	-3.5	0.0	0.7	0.1	
2009 Q4	-0.6	-1.8	-1.6	8.1	-8.8	7.1	-2.0	-3.2	-2.8	-7.2	0.6	-0.4	-2.0	
2010 Q1	4.4	1.0	-2.6	-15.6	7.1	-3.4	3.4	12.4	2.4	5.3	1.6	3.9	3.4	
2010 Q2	0.6	-3.0	6.0	13.0	9.3	8.2	1.6	-9.8	9.1	8.8	-5.3	3.1	1.6	
2010 Q3	4.4	0.4	-4.5	-0.6	5.0	2.0	3.3	36.0	3.3	3.5	0.6	0.7	3.3	
2010 Q4	3.6	-2.4	-4.6	-8.5	-0.2	-4.1	1.1	38.5	1.5	-0.9	3.2	-0.7	1.1	
2011 Q1	-4.5	4.1	1.2	-6.7	1.0	4.5	-1.3	-59.6	-0.7	1.1	0.6	1.6	-1.3	
2011 Q2	3.3	-8.1	0.3	-10.0	1.5	-2.8	0.2	7.8	6.5	1.3	-3.4	-1.7	0.2	
2011 Q3	4.4	2.7	-5.6	-9.5	1.2	-2.1	2.9	-1.5	5.6	0.2	2.9	3.5	2.9	
2011 Q4	3.9	-2.8	-2.2	1.8	2.8	8.3	2.4	28.0	2.4	2.0	2.0	-0.2	2.4	
2012 Q1	1.7	2.1	-0.1	-4.3	0.5	2.3	1.5	9.4	-1.6	0.4	4.2	-0.1	1.5	
2012 Q2	-1.9	1.5	-3.0	4.5	-4.5	-1.1	-1.8	-16.8	-7.9	-3.8	3.1	1.3	-1.8	
2012 Q3	2.3	-9.2	-3.0	-4.3	-0.5	-0.1	-0.6	0.0	-0.3	-0.9	-1.3	0.6	-0.6	
2012 Q4	7.2	0.8	-1.2	-1.8	3.6	7.3	5.3	21.6	6.6	3.0	4.4	4.7	5.3	
2013 Q1	-3.5	-6.5	-0.5	13.8	2.0	9.2	-2.4	-21.0	3.2	1.4	-5.9	-1.4	-2.4	
2013 Q2	-2.0	9.7	0.1	0.0	8.5	2.3	1.9	2.5	-13.6	7.5	7.8	2.1	1.9	
2013 Q3	7.8	3.4	-0.7	5.6	2.5	9.0	5.9	50.4	14.5	2.1	3.2	0.3	5.9	
2013 Q4	-0.4	3.2	-1.3	9.2	2.6	9.0	1.1	-6.9	0.0	2.1	2.5	0.9	1.1	
2014 Q1	0.8	8.8	8.1	7.7	5.2	-0.1	3.0	8.1	2.2	5.5	2.9	0.6	3.0	
2014 Q2	3.0	-9.2	17.2	9.7	-1.1	7.8	0.7	11.5	5.5	0.9	-1.9	-2.2	0.7	
2014 Q3	-1.0	5.8	-1.1	-1.8	3.7	-2.2	0.9	9.4	1.4	3.1	-1.4	-0.4	0.9	
2014 Q4	0.6	2.1	0.2	0.0	0.0	-2.0	0.6	-3.5	0.5	0.0	0.6	2.3	0.6	
2015 Q1	6.6	0.5	4.9	4.2	1.1	-5.2	3.9	56.9	-1.4	1.6	5.3	-5.7	3.9	
2015 Q2	-0.6	-0.9	-9.9	-5.2	5.6	3.1	0.4	-23.5	4.6	3.7	-0.4	5.0	0.4	
2015 Q3	-3.1	-4.5	-0.5	5.5	-1.3	3.5	-2.6	-5.3	-5.7	-1.2	-1.8	-1.6	-2.6	
2015 Q4	0.8	-3.0	-5.8	2.3	2.1	7.3	0.6	7.5	-0.1	1.3	-0.1	-0.4	0.6	
2016 Q1	-1.1	-2.4	-1.4	-6.8	2.5	9.0	1.2	18.8	-3.8	2.7	-0.5	1.0	1.2	
2016 Q2	0.7	12.8	15.3	26.1	0.7	-10.6	2.3	2.0	4.0	1.9	2.4	0.9	2.3	
2016 Q3	1.7	3.8	-5.9	-18.3	-0.1	1.7	1.5	9.8	-0.8	-0.8	3.0	0.1	1.5	
2016 Q4	-0.4	-3.4	2.5	7.1	2.2	8.5	0.1	-10.4	0.6	2.2	1.0	0.6	0.1	
2017 Q1	2.0	-6.4	1.8	-14.8	3.9	2.8	1.0	-2.3	-1.7	3.7	2.2	-0.4	1.0	
2017 Q2	0.7	8.3	-0.7	51.6	-1.4	-5.8	1.2	-0.7	8.7	-1.3	0.0	0.2	1.2	
2017 Q3	1.2	-3.6	4.8	-23.0	0.7	1.0	0.3	3.4	-1.0	1.2	-1.4	2.7	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.

**Gross Fixed Capital Formation by sector and type of asset**  
**Current price, seasonally adjusted, percentage change latest**  
**quarter on corresponding quarter of previous year**

Official Sensitive until after 9.30am on 23rd November 2017

£ million

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector								Asset						
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Dwellings <sup>3</sup>	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	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL			
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
1998 Q1	12.0	6.6	-26.1	-25.0	8.2	-12.9	9.3	19.1	3.4	5.5	22.7	0.4	9.3		
1998 Q2	9.3	15.4	7.0	-35.0	13.3	-26.1	8.4	7.0	9.2	12.9	11.0	0.7	8.4		
1998 Q3	4.6	8.4	20.1	5.8	5.1	4.8	5.2	1.1	-3.3	5.9	17.6	1.2	5.2		
1998 Q4	7.2	12.5	12.7	-11.6	-1.1	-11.1	5.7	14.1	0.9	-0.3	12.6	4.3	5.7		
1999 Q1	3.4	5.7	-6.8	51.2	2.1	51.3	5.0	-15.9	1.9	1.7	13.4	8.9	5.0		
1999 Q2	1.5	11.4	14.7	11.0	3.5	23.3	3.7	-28.1	-1.8	4.3	13.0	9.8	3.7		
1999 Q3	5.0	4.4	-35.3	30.9	9.1	41.5	6.7	-25.1	5.3	6.5	12.2	11.5	6.7		
1999 Q4	-3.9	-2.3	3.8	79.8	7.8	71.1	0.8	-28.7	-12.9	7.7	11.9	8.6	0.8		
2000 Q1	3.2	-0.8	-6.7	-4.7	16.5	33.7	6.1	-22.6	0.1	15.5	12.0	7.3	6.1		
2000 Q2	11.0	4.8	-31.3	43.6	11.7	46.6	11.6	7.8	16.8	9.0	10.8	9.1	11.6		
2000 Q3	-0.3	-2.7	30.1	-32.6	7.9	-29.8	-0.7	-0.9	-6.3	8.8	-3.5	3.4	-0.7		
2000 Q4	7.3	7.7	-4.8	-23.8	6.7	-8.2	6.2	11.9	9.4	6.1	5.0	3.0	6.2		
2001 Q1	-0.1	-1.0	46.0	62.8	-1.0	-5.8	0.0	-5.9	-5.7	1.1	3.2	2.3	0.0		
2001 Q2	-6.7	20.0	94.5	32.4	-0.8	0.6	-2.0	14.4	-21.9	3.0	10.2	-2.0	-2.0		
2001 Q3	-2.6	30.5	70.2	121.6	1.5	76.5	5.0	21.7	-1.5	4.7	10.1	1.1	5.0		
2001 Q4	-9.6	23.4	62.8	80.9	3.2	14.1	-2.4	-17.4	-3.2	6.2	-6.3	2.1	-2.4		
2002 Q1	-3.9	21.5	36.2	19.8	5.2	11.3	1.2	60.6	0.6	6.9	-8.7	-0.2	1.2		
2002 Q2	-2.6	3.6	-6.0	26.0	12.3	10.9	1.3	33.2	0.9	10.9	-9.2	2.8	1.3		
2002 Q3	0.5	6.9	8.1	18.6	16.2	14.4	4.8	40.3	1.9	15.5	-4.2	3.6	4.8		
2002 Q4	8.6	8.0	40.7	122.1	26.1	26.8	13.5	84.3	4.0	27.1	9.4	2.2	13.5		
2003 Q1	5.1	23.6	45.5	85.2	17.1	3.2	9.9	16.1	3.1	19.2	12.1	3.8	9.9		
2003 Q2	-3.5	13.3	37.0	45.0	18.0	-0.2	3.2	-21.0	-4.4	19.6	6.1	1.3	3.2		
2003 Q3	-4.5	5.9	34.6	32.2	16.5	-3.3	1.3	-11.9	-4.0	17.8	-1.3	0.6	1.3		
2003 Q4	-7.9	2.1	-9.2	-24.7	12.9	1.4	-2.4	-24.6	-9.3	11.2	-1.9	-0.7	-2.4		
2004 Q1	-6.5	9.7	-22.9	-14.4	21.8	40.2	2.9	-21.1	-6.6	17.8	7.3	0.9	2.9		
2004 Q2	-5.0	23.2	6.1	47.9	11.1	43.2	5.4	-0.9	4.8	10.3	7.1	-0.1	5.4		
2004 Q3	-3.6	22.9	-10.3	26.1	11.1	28.6	4.9	-18.0	-0.7	9.4	12.0	3.2	4.9		
2004 Q4	-3.3	28.5	-1.0	15.2	7.3	7.7	3.8	-11.5	4.2	6.6	2.9	6.2	3.8		
2005 Q1	-3.9	40.2	3.3	-32.4	5.4	-12.6	2.9	-18.7	1.5	5.1	2.8	8.7	2.9		
2005 Q2	65.0	-187.9	3.2	-34.7	11.0	-9.0	6.1	-4.3	-3.5	10.3	5.6	15.7	6.1		
2005 Q3	10.7	13.6	16.5	-7.1	8.3	7.1	10.3	-1.7	3.7	8.7	17.7	10.2	10.3		
2005 Q4	7.9	8.8	18.6	5.5	6.7	37.4	10.0	1.0	-2.1	7.3	21.1	10.7	10.0		
2006 Q1	7.5	-10.4	36.1	91.7	6.0	53.0	7.9	26.3	-3.8	7.5	15.4	3.6	7.9		
2006 Q2	-31.6	-221.0	4.2	11.5	3.5	25.3	5.5	-10.4	5.3	3.5	13.7	-1.4	5.5		
2006 Q3	8.0	2.0	11.2	0.5	0.8	15.2	6.1	13.6	3.5	1.5	10.8	4.0	6.1		
2006 Q4	11.9	3.0	5.5	-5.4	1.2	10.7	7.9	24.9	7.2	1.5	12.8	3.6	7.9		
2007 Q1	12.1	-0.3	0.1	-12.4	4.6	7.0	7.8	-8.7	12.2	4.3	10.2	8.5	7.8		
2007 Q2	14.3	6.4	-1.8	-0.8	5.0	17.2	11.0	11.9	5.5	4.6	18.3	10.4	11.0		
2007 Q3	4.2	-2.4	-9.5	-8.3	4.3	18.4	4.2	-14.5	1.9	3.3	7.3	6.6	4.2		
2007 Q4	11.7	18.5	-3.5	-20.8	5.9	-8.7	9.2	-16.1	6.7	5.2	16.1	10.5	9.2		
2008 Q1	3.1	29.5	8.3	-25.6	2.4	-26.9	3.5	-40.7	-0.4	2.9	8.3	9.6	3.5		
2008 Q2	2.9	18.1	-2.1	-19.7	-0.3	-28.8	1.4	6.0	4.4	-0.4	-3.2	8.8	1.4		
2008 Q3	4.2	26.9	119.6	-47.3	-13.9	-58.4	-1.0	8.2	1.7	-5.2	-4.9	6.2	-1.0		
2008 Q4	-8.6	14.2	106.6	-55.5	-18.1	-63.9	-9.8	7.9	-6.6	-9.9	-17.9	-0.5	-9.8		
2009 Q1	-8.4	13.5	65.1	-63.9	-25.5	-56.6	-10.5	41.9	-7.3	-18.7	-14.5	-3.9	-10.5		
2009 Q2	-17.9	3.4	143.0	-52.8	-29.0	-48.8	-16.6	-18.7	-19.8	-18.2	-18.4	-8.4	-16.6		
2009 Q3	-17.2	13.6	-3.9	-16.7	-17.9	-18.8	-11.6	-11.3	-14.9	-16.1	-10.4	-6.3	-11.6		
2009 Q4	-14.6	1.8	-3.2	22.7	-22.8	16.4	-11.5	-21.9	-13.5	-19.8	-7.4	-5.6	-11.5		
2010 Q1	-4.7	0.1	1.8	28.1	-9.9	10.7	-3.8	12.1	-8.4	-8.1	-3.6	0.6	-3.8		
2010 Q2	2.2	5.1	-7.2	16.2	5.3	6.5	3.2	1.5	11.7	2.6	-3.2	7.5	3.2		
2010 Q3	8.9	-3.4	-3.0	2.5	12.2	14.1	6.4	33.5	12.1	10.0	-2.6	7.5	6.4		
2010 Q4	13.5	-4.0	-6.0	-13.3	22.8	2.2	9.8	91.0	17.1	17.5	-6.3	7.2	9.8		
2011 Q1	3.9	-1.0	-2.3	-4.1	15.8	10.7	4.8	-31.4	13.5	12.8	1.1	4.8	4.8		
2011 Q2	6.7	-6.2	-7.5	-23.6	7.6	-0.6	3.3	-18.1	10.8	5.1	3.2	-0.1	3.3		
2011 Q3	6.7	-4.0	-8.5	-30.5	3.6	-4.5	2.9	-40.7	13.4	1.7	5.5	2.7	2.9		
2011 Q4	7.0	-4.4	-6.2	-22.7	6.7	7.8	4.3	-45.2	14.4	4.7	11.2	3.2	4.3		
2012 Q1	13.9	-6.3	-7.5	-20.7	6.1	5.5	7.2	48.5	13.4	3.9	5.7	1.5	7.2		
2012 Q2	8.1	3.4	-10.6	-7.9	-0.2	7.3	5.1	14.7	-2.0	-1.3	12.8	4.7	5.1		
2012 Q3	6.0	-8.6	-8.1	-2.6	-1.9	9.5	1.6	16.5	-7.5	-2.4	8.1	1.7	1.6		
2012 Q4	9.4	-5.3	-7.2	-6.0	-1.1	8.5	4.4	10.7	-3.7	-1.5	10.7	6.7	4.4		
2013 Q1	3.9	-13.2	-7.5	11.7	0.4	15.8	0.3	-20.0	1.0	-0.5	0.0	5.2	0.3		
2013 Q2	3.8	-6.1	-4.6	6.9	14.1	19.8	4.1	-1.5	-5.2	11.2	4.5	6.0	4.1		
2013 Q3	9.4	6.9	-2.3	18.0	17.6	30.7	10.9	48.1	8.8	14.6	9.4	5.7	10.9		
2013 Q4	1.6	9.5	-2.4	31.2	16.3	32.8	6.6	13.4	2.1	13.7	7.3	1.8	6.6		
2014 Q1	6.0	27.5	6.1	24.2	19.9	21.4	12.6	55.2	1.2	18.2	17.3	3.9	12.6		
2014 Q2	11.4	5.5	24.2	36.3	9.3	28.0	11.1	68.8	23.6	11.0	6.8	-0.5	11.1		
2014 Q3	2.3	7.9	23.7	26.7	10.7	14.8	5.8	22.7	9.5	12.1	2.1	-1.1	5.8		
2014 Q4	3.3	6.8	25.5	16.1	7.9	3.2	5.2	27.2	10.0	9.7	0.2	0.3	5.2		
2015 Q1	9.3	-1.4	21.8	12.3	3.7	-2.1	6.1	84.7	6.1	5.7	2.5	-5.9	6.1		
2015 Q2	5.4	7.6	-6.3	-3.0	10.7	-6.4	5.8	26.6	5.2	8.6	4.1	0.9	5.8		
2015 Q3	3.3	-3.0	-5.8	4.2	5.4	-0.9	2.2	9.7	-2.2	4.0	3.6	-0.3	2.2		
2015 Q4	3.5	-7.8	-11.4	6.6	7.7	8.6	2.2	22.1	-2.8	5.4	2.9	-2.9	2.2		
2016 Q1	-1.9	-10.4	-14.3	-4.6	9.2	24.9	-0.4	-7.6	-5.2	6.5	-2.7	4.0	-0.4		
2016 Q2	-0.5	2.0	9.6	26.8	4.1	8.3	1.5	23.3	-5.7	4.7	0.1	-0.1	1.5		
2016 Q3	4.4	10.9	3.7	-1.7	5.3	6.4	5.7	43.0	-0.9	5.1	4.9	1.7	5.7		
2016 Q4	3.2	10.3	12.8	2.8	5.4	7.5	5.2	19.3	-0.1	6.1	6.0	2.6	5.2		
2017 Q1	4.1	5.8	13.2	-6.1	6.8	1.5	5.0	-1.9	2.0	7.1	8.8	1.2	5.0		
2017 Q2	4.2	1.7	-2.5	13.0	4.6	6.9	3.8	-4.4	6.5	3.8	6.2	0.6	3.8		
2017 Q3	3.6	-5.6	8.5	6.5	5.5	6.1	2.7	-10.0	6.4	5.9	1.7	3.1	2.7		

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

£ million

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector							Asset						
	Public corporations <sup>2</sup>			Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total							
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		
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
1997	115 091	15 433	1 623	451	25 160	7 218	164 976	12 402	46 810	26 780	45 621	33 363	164 976	
1998	124 541	17 079	1 631	369	26 703	6 329	176 654	13 675	47 942	28 334	52 791	33 913	176 654	
1999	126 326	17 876	1 529	523	28 208	9 273	183 734	10 351	46 974	29 768	59 452	37 188	183 734	
2000	132 950	18 283	1 420	478	31 201	9 965	194 299	10 130	49 248	32 678	62 950	39 293	194 299	
2001	126 504	21 766	2 386	812	31 419	11 477	194 366	10 377	44 942	33 895	65 530	39 621	194 366	
2002	127 131	23 758	2 837	1 195	36 137	13 293	204 351	15 827	45 774	39 054	63 238	40 457	204 351	
2003	123 665	26 289	3 509	1 473	41 910	13 318	210 164	14 034	44 105	45 577	65 490	40 955	210 164	
2004	117 901	31 853	3 236	1 719	47 163	17 200	219 072	12 124	44 201	50 515	70 235	41 997	219 072	
2005	140 941	20 296	3 573	1 410	50 858	18 002	235 080	11 363	44 136	54 476	78 355	46 749	235 080	
2006	134 361	36 454	4 048	1 660	52 295	22 368	251 186	12 859	45 458	56 353	88 618	47 898	251 186	
2007	148 455	38 515	3 897	1 481	54 895	24 136	271 380	11 833	48 402	58 794	100 140	52 213	271 380	
2008	148 740	46 849	6 142	950	50 781	13 532	266 997	11 231	48 273	56 938	95 264	55 291	266 997	
2009	127 053	50 553	8 024	589	38 541	8 636	233 395	10 348	41 559	46 568	82 990	51 931	233 395	
2010	133 080	50 219	7 721	625	41 193	9 346	242 186	13 917	44 755	48 909	79 747	54 858	242 186	
2011	141 205	48 275	7 245	496	44 553	9 638	251 411	8 887	50 588	51 791	83 837	56 309	251 411	
2012	154 278	46 224	6 640	447	44 857	10 377	262 820	10 794	50 422	51 611	91 628	58 362	262 820	
2013	161 409	45 719	6 357	522	50 244	12 958	277 209	11 743	51 258	56 601	96 535	61 071	277 209	
2014	170 551	50 954	7 618	655	56 133	15 054	300 965	16 435	56 716	63 750	102 610	61 455	300 965	
2015	179 697	50 287	7 523	687	59 977	15 017	313 189	21 978	57 566	67 501	105 969	60 176	313 189	
2016	181 949	51 763	7 698	725	63 549	16 746	322 430	25 775	55 834	71 300	108 121	61 400	322 430	

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector							Asset						
	Public corporations <sup>2</sup>			Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total							
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		
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O	
1998	8.2	10.7	0.5	-18.2	6.1	-12.3	7.1	10.3	2.4	5.8	15.7	1.6	7.1	
1999	1.4	4.7	-6.3	41.7	5.6	46.5	4.0	-24.3	-2.0	5.1	12.6	9.7	4.0	
2000	5.2	2.3	-7.1	-8.6	10.6	7.5	5.8	-2.1	4.8	9.8	5.9	5.7	5.8	
2001	-4.8	19.1	68.0	69.9	0.7	15.2	0.0	2.4	-8.7	3.7	4.1	0.8	0.0	
2002	0.5	9.2	18.9	47.2	15.0	15.8	5.1	52.5	1.9	15.2	-3.5	2.1	5.1	
2003	-2.7	10.7	23.7	23.3	16.0	0.2	2.8	-11.3	-3.6	16.7	3.6	1.2	2.8	
2004	-4.7	21.2	-7.8	16.7	12.5	29.1	4.2	-13.6	0.2	10.8	7.2	2.5	4.2	
2005	19.5	-36.3	10.4	-18.0	7.8	4.7	7.3	-6.3	-0.1	7.8	11.6	11.3	7.3	
2006	-4.7	79.6	13.3	17.7	2.8	24.3	6.9	13.2	3.0	3.4	13.1	2.5	6.9	
2007	10.5	5.7	-3.7	-10.8	5.0	7.9	8.0	-8.0	6.5	4.3	13.0	9.0	8.0	
2008	0.2	21.6	57.6	-35.9	-7.5	43.9	-1.6	-5.1	-0.3	-3.2	-4.9	5.9	-1.6	
2009	-14.6	7.9	30.6	-38.0	-24.1	-36.2	-12.6	-7.9	-13.9	-18.2	-12.9	-6.1	-12.6	
2010	4.7	-0.7	-3.8	6.1	6.9	8.2	3.8	34.5	7.7	5.0	-3.9	5.6	3.8	
2011	6.1	-3.9	-6.2	-20.6	8.2	3.1	3.8	-36.1	13.0	5.9	5.1	2.6	3.8	
2012	9.3	-4.2	-8.4	-9.9	0.7	7.7	4.5	21.5	-0.3	-0.3	9.3	3.6	4.5	
2013	4.6	-1.1	-4.3	16.8	12.0	24.9	5.5	8.8	1.7	9.7	5.4	4.6	5.5	
2014	5.7	11.5	19.8	25.5	11.7	16.2	8.6	40.0	10.6	12.6	6.3	0.6	8.6	
2015	5.4	-1.3	-1.2	4.9	6.8	-0.2	4.1	33.7	1.5	5.9	3.3	-2.1	4.1	
2016	1.3	2.9	2.3	5.5	6.0	11.5	3.0	17.3	-3.0	5.6	2.0	2.0	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

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

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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

Official Sensitive until after 9.30am on 23rd November 2017

£ million

SECTOR <sup>4</sup> ASSET <sup>6</sup>	Sector							Asset						
	Public corporations <sup>2</sup>			Private sector				Total	Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total							
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	NPOX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPOX	
1997 Q1	26 991	5 334	773	144	5 892	1 368	40 502	3 448	11 343	6 664	10 876	8 171	40 502	
1997 Q2	27 728	2 748	225	112	6 042	2 149	39 004	3 228	10 640	6 267	10 598	8 271	39 004	
1997 Q3	28 836	3 574	327	98	6 352	1 818	41 005	3 073	11 513	6 678	11 423	8 318	41 005	
1997 Q4	31 536	3 777	298	97	6 873	1 884	44 465	2 654	13 314	7 170	12 725	8 602	44 465	
1998 Q1	30 848	5 794	590	110	6 396	1 164	44 903	4 011	12 179	6 983	13 513	8 217	44 903	
1998 Q2	29 704	3 117	263	72	6 847	1 577	41 579	3 492	11 193	7 110	11 468	8 318	41 579	
1998 Q3	30 197	3 896	416	103	6 703	1 911	43 226	3 097	11 172	7 119	13 418	8 421	43 226	
1998 Q4	33 791	4 272	363	85	6 758	1 678	46 946	3 075	13 399	7 122	14 393	8 957	46 946	
1999 Q1	31 850	5 976	570	161	6 567	1 847	46 971	3 254	12 467	7 137	15 149	8 965	46 971	
1999 Q2	30 263	3 609	316	76	7 075	1 898	43 237	2 634	11 018	7 401	13 060	9 124	43 237	
1999 Q3	31 822	4 071	263	132	7 355	2 702	46 345	2 345	11 809	7 628	15 184	9 379	46 345	
1999 Q4	32 390	4 219	380	153	7 212	2 826	47 181	2 117	11 680	7 603	16 061	9 719	47 181	
2000 Q1	32 630	6 123	519	155	7 714	2 581	49 721	2 341	12 604	8 246	16 934	9 597	49 721	
2000 Q2	33 850	3 605	213	112	7 871	2 774	48 424	3 070	12 842	8 098	14 452	9 962	48 424	
2000 Q3	31 716	3 964	313	92	7 967	2 016	46 066	2 315	11 081	8 294	14 673	9 703	46 066	
2000 Q4	34 754	4 593	376	120	7 651	2 595	50 088	2 404	12 721	8 041	16 891	10 031	50 088	
2001 Q1	32 335	6 258	799	252	7 654	2 423	49 720	1 992	11 907	8 481	17 518	9 822	49 720	
2001 Q2	31 906	4 435	425	144	7 770	2 726	47 406	3 665	9 926	8 211	15 843	9 762	47 406	
2001 Q3	30 900	5 368	525	203	8 091	3 398	48 486	2 829	10 952	8 641	16 242	9 822	48 486	
2001 Q4	31 364	5 705	638	214	7 904	2 929	48 754	1 892	12 158	8 562	15 927	10 215	48 754	
2002 Q1	30 292	7 235	1 060	301	8 050	2 706	49 644	3 264	11 608	9 136	15 824	9 812	49 644	
2002 Q2	31 840	4 642	365	177	8 717	3 037	48 778	4 763	10 554	9 099	14 330	10 032	48 778	
2002 Q3	31 100	5 760	522	242	9 345	3 848	50 818	3 993	11 138	9 891	15 617	10 179	50 818	
2002 Q4	33 898	6 121	890	474	10 024	3 703	55 111	3 808	12 474	10 928	17 467	10 434	55 111	
2003 Q1	32 516	8 831	1 478	546	9 443	2 760	55 575	3 808	12 504	10 953	18 088	10 223	55 575	
2003 Q2	29 922	5 133	479	245	10 292	3 016	49 088	3 802	9 379	10 835	14 927	10 145	49 088	
2003 Q3	29 862	5 990	721	322	10 828	3 757	51 480	3 576	10 819	11 581	15 281	10 224	51 480	
2003 Q4	31 364	6 334	831	359	11 348	3 784	54 021	2 848	11 403	12 210	17 196	10 364	54 021	
2004 Q1	30 337	9 782	1 157	479	11 538	3 950	57 242	3 065	11 855	12 741	19 246	10 336	57 242	
2004 Q2	28 228	6 644	520	374	11 455	4 380	51 600	3 596	9 946	11 997	15 944	10 117	51 600	
2004 Q3	28 887	7 410	708	434	11 989	4 788	54 216	2 977	10 713	12 723	17 264	10 539	54 216	
2004 Q4	30 451	8 017	850	433	12 182	4 082	56 014	2 485	11 688	13 054	17 782	11 009	56 014	
2005 Q1	28 409	12 277	1 237	324	12 162	3 362	57 771	2 362	11 064	13 430	19 633	11 282	57 771	
2005 Q2	47 583	8 916	525	240	12 742	3 917	56 090	3 526	10 549	13 270	17 061	11 683	56 090	
2005 Q3	32 173	8 287	860	402	12 943	5 141	59 807	2 986	11 072	13 810	20 344	11 595	59 807	
2005 Q4	32 775	8 650	952	444	13 009	5 582	61 412	2 489	11 451	13 966	21 317	12 189	61 412	
2006 Q1	31 069	11 873	1 643	585	12 877	5 216	63 264	2 949	11 366	14 522	22 661	11 766	63 264	
2006 Q2	31 982	6 827	503	255	13 172	4 940	57 680	3 342	9 865	13 673	19 334	11 466	57 680	
2006 Q3	34 727	8 535	947	402	13 019	5 999	63 628	3 371	11 686	13 972	22 584	12 015	63 628	
2006 Q4	36 583	9 220	955	417	13 227	6 212	66 614	3 197	12 541	14 185	24 040	12 650	66 614	
2007 Q1	35 017	12 453	1 601	503	13 399	5 466	68 439	2 685	12 982	14 997	24 978	12 797	68 439	
2007 Q2	36 355	7 002	497	257	13 800	5 827	63 739	3 615	10 365	14 298	22 849	12 613	63 739	
2007 Q3	36 169	8 223	869	383	13 598	7 133	66 375	2 868	11 775	14 469	24 434	12 828	66 375	
2007 Q4	40 914	10 837	930	338	14 097	5 711	72 827	2 665	13 279	15 029	27 879	13 975	72 827	
2008 Q1	35 536	15 198	1 653	378	13 581	3 846	70 192	1 478	12 462	15 242	26 962	14 047	70 192	
2008 Q2	37 982	8 693	522	209	13 719	4 248	65 373	3 752	11 329	14 246	22 358	13 687	65 373	
2008 Q3	37 703	10 612	1 948	211	11 802	3 270	65 545	3 068	12 077	13 750	23 005	13 646	65 545	
2008 Q4	37 519	12 347	2 019	153	11 680	2 169	65 887	2 934	12 404	13 700	22 939	13 910	65 887	
2009 Q1	33 231	17 060	2 620	136	9 833	1 413	64 293	2 447	12 045	12 450	23 801	13 550	64 293	
2009 Q2	30 517	8 954	1 482	97	9 759	2 171	52 981	2 920	8 682	11 287	17 612	12 479	52 981	
2009 Q3	31 180	12 125	1 909	173	9 799	2 630	57 816	2 650	10 226	11 669	20 497	12 774	57 816	
2009 Q4	32 125	12 414	2 013	183	9 148	2 421	58 305	2 331	10 606	11 160	21 080	13 128	58 305	
2010 Q1	31 657	17 345	2 525	171	8 668	1 557	61 923	2 775	11 081	11 186	23 141	13 740	61 923	
2010 Q2	30 986	9 494	1 483	113	10 312	2 373	54 761	2 927	9 735	11 797	16 993	13 309	54 761	
2010 Q3	33 846	11 622	1 840	181	11 034	2 912	61 436	3 474	11 437	12 877	19 906	13 742	61 436	
2010 Q4	36 592	11 759	1 873	160	11 179	2 503	64 066	4 741	12 502	13 049	19 708	14 067	64 066	
2011 Q1	32 626	17 428	2 369	162	10 049	1 765	64 399	1 824	12 413	12 423	23 310	14 428	64 399	
2011 Q2	33 009	8 769	1 435	86	11 153	2 400	56 851	2 305	10 776	12 589	17 892	13 289	56 851	
2011 Q3	36 056	10 984	1 694	125	11 439	2 761	63 060	2 032	13 020	13 134	20 802	14 072	63 060	
2011 Q4	39 513	11 094	1 748	123	11 911	2 711	67 101	2 726	14 378	13 644	21 833	14 520	67 101	
2012 Q1	37 216	16 529	2 146	127	10 657	1 871	68 546	2 656	14 018	12 787	24 452	14 633	68 546	
2012 Q2	35 699	9 387	1 303	80	11 146	2 584	60 199	2 616	10 483	12 499	20 737	13 865	60 199	
2012 Q3	38 149	9 893	1 571	123	11 270	2 961	63 967	2 362	12 074	12 883	22 301	14 346	63 967	
2012 Q4	43 212	10 414	1 620	117	11 784	2 961	70 108	3 162	13 848	13 443	24 138	15 518	70 108	
2013 Q1	37 695	15 082	1 948	141	10 632	2 212	67 710	1 796	13 770	12 580	24 178	15 386	67 710	
2013 Q2	38 085	8 713	1 244	85	12 772	3 098	63 998	2 747	10 298	14 016	22 191	14 745	63 998	
2013 Q3	41 641	10 554	1 558	142	13 246	3 755	70 897	3 501	13 135	14 804	24 332	15 125	70 897	
2013 Q4	43 988	11 369	1 607	153	13 595	3 893	74 604	3 698	14 055	15 202	25 835	15 815	74 604	
2014 Q1	40 628	18 234	2 044	176	12 904	2 802	76 788	2 990	14 345	14 948	28 505	16 000	76 788	
2014 Q2	42 093	9 141	1 550	118	13 974	3 977	70 853	4 485	12 693	15 524	23 487	14 664	70 853	
2014 Q3	42 488	11 416	1 970	183	14 665	4 252	74 974	4 327	14 317	16 635	24 772	14 923	74 974	
2014 Q4	45 344	12 163	2 053	178	14 589	4 023	78 350	4 632	15 362	16 642	25 845	15 869	78 350	
2015 Q1	44 404	18 008	2 429	197	13 365	2 735	81 138	5 856	15 225	15 794	29 266	14 997	81 138	
2015 Q2	44 411	10 027	1 410	113	15 516	3 731	75 208	5 746	13 235	16 926	24 523	14 778	75 208	
2015 Q3	43 757	11 078	1 855	189	15 436	4 207	76 521	4 767	13 933	17 291	25 603	14 926	76 521	
2015 Q4	47 125	11 175	1 829	188	15 660	4 345	80 322	5 608	15 172	17 489	26 578	15 475	80 322	
2016 Q1	42 502	16 281	2 271	167	14 697	3 877	79 795	5 193	13 571	17 021	28 55			

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

£ million

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector							Asset							
	Public corporations <sup>2</sup>			Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>		Other buildings and structures and transfer costs <sup>4</sup>		Intellectual property products		Total
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Total		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	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	AN.117	TOTAL		
1997 Q2	2.7	-48.5	-70.9	-22.2	2.5	57.1	-3.7	-6.4	-6.2	-6.0	-2.6	1.2	-3.7		
1997 Q3	4.0	30.1	45.3	-12.5	5.1	-15.4	5.1	-4.8	8.2	6.6	7.8	0.6	5.1		
1997 Q4	9.4	5.7	-8.9	-1.0	8.2	3.6	8.4	-13.6	15.6	7.4	11.4	3.4	8.4		
1998 Q1	-2.2	53.4	98.0	13.4	-6.9	-38.2	1.0	51.1	-8.5	-2.6	6.2	-4.5	1.0		
1998 Q2	-3.7	-46.2	-55.4	-34.5	7.1	35.5	-7.4	-12.9	-8.1	-1.8	-15.1	1.2	-7.4		
1998 Q3	1.7	25.0	58.2	43.1	-2.1	21.2	4.0	-11.3	-0.2	0.1	17.0	1.2	4.0		
1998 Q4	11.9	9.7	-12.7	-17.5	0.8	-12.2	8.6	-0.7	19.9	0.0	7.3	6.4	8.6		
1999 Q1	-5.7	39.9	57.0	89.4	-2.8	10.1	0.1	5.8	-7.0	0.2	5.3	0.1	0.1		
1999 Q2	-5.0	-39.6	-44.6	-52.8	7.7	2.8	-7.9	-19.1	-11.6	3.7	-13.8	1.8	-7.9		
1999 Q3	5.2	12.8	-16.8	73.7	4.0	42.4	7.2	-11.0	7.2	3.1	16.3	2.8	7.2		
1999 Q4	1.8	3.6	44.5	15.9	-1.9	4.6	1.8	-9.7	-1.1	-0.3	5.8	3.6	1.8		
2000 Q1	0.7	45.1	36.6	1.3	7.0	-8.7	5.4	10.6	7.9	8.5	5.4	-1.3	5.4		
2000 Q2	3.7	-41.1	-59.0	-27.7	2.0	7.5	-2.6	31.1	1.9	-1.8	-14.7	3.8	-2.6		
2000 Q3	-6.3	10.0	46.9	-17.9	1.2	-27.3	-4.9	-24.6	-13.7	2.4	1.5	-2.6	-4.9		
2000 Q4	9.6	15.9	20.1	30.4	-4.0	28.7	8.7	3.8	14.8	-3.1	15.1	3.4	8.7		
2001 Q1	-7.0	36.3	112.5	110.0	0.0	-6.6	-0.7	-17.1	-6.4	5.5	3.7	-2.1	-0.7		
2001 Q2	-1.3	-29.1	-46.8	-42.9	1.5	12.5	-4.7	84.0	-16.6	-3.2	-9.6	-0.6	-4.7		
2001 Q3	-3.2	21.0	23.5	41.0	4.1	24.7	2.3	-22.8	10.3	5.2	2.5	0.6	2.3		
2001 Q4	1.5	6.3	21.5	5.4	-2.3	-13.8	0.6	-33.1	11.0	-0.9	-1.9	4.0	0.6		
2002 Q1	-3.4	26.8	66.1	40.7	1.8	-7.6	1.8	72.5	-4.5	6.7	-0.6	-3.9	1.8		
2002 Q2	5.1	-35.8	-65.6	-41.2	8.3	12.2	-1.7	45.9	-9.1	-0.4	-9.4	-2.2	-1.7		
2002 Q3	-2.3	24.1	43.0	36.7	7.2	26.7	4.2	-16.2	5.5	8.7	9.0	1.5	4.2		
2002 Q4	9.0	6.3	70.5	95.9	7.3	-3.8	8.4	-4.6	12.0	10.5	11.8	2.5	8.4		
2003 Q1	-4.1	44.3	66.1	15.2	-5.8	-25.5	0.8	0.0	0.2	0.2	3.6	-2.0	0.8		
2003 Q2	-8.0	-41.9	-67.6	-55.1	9.0	9.3	-11.7	-0.2	-25.0	-1.1	-17.5	-0.8	-11.7		
2003 Q3	-0.2	16.7	50.5	31.4	5.2	24.6	4.9	-5.9	15.4	6.9	2.4	0.8	4.9		
2003 Q4	5.0	5.7	15.3	11.5	4.8	0.7	4.9	-20.4	5.4	5.4	12.5	1.4	4.9		
2004 Q1	-3.3	54.4	39.2	33.4	-0.7	4.4	6.0	7.6	4.0	4.3	11.9	-0.3	6.0		
2004 Q2	-7.0	-32.1	-55.1	-21.9	0.7	10.9	-9.9	17.3	-16.1	-5.8	-17.2	-2.1	-9.9		
2004 Q3	2.3	11.5	36.2	16.0	4.7	9.3	5.1	-17.2	7.7	6.1	8.3	4.2	5.1		
2004 Q4	5.4	8.2	20.5	-0.2	1.6	-14.7	3.3	-16.5	9.1	2.6	3.0	4.4	3.3		
2005 Q1	-6.7	53.1	45.5	-25.2	-0.2	-17.6	3.1	-4.9	-5.3	2.9	10.4	2.5	3.1		
2005 Q2	67.5	-172.6	-57.6	-25.9	4.8	16.5	-2.9	49.3	-4.7	-1.2	-13.1	3.6	-2.9		
2005 Q3	-32.4	-192.9	63.8	67.5	1.6	31.2	6.6	-15.3	5.0	4.1	19.2	-0.8	6.6		
2005 Q4	1.9	4.4	10.7	10.4	0.5	8.6	2.7	-16.6	3.4	1.1	4.8	5.1	2.7		
2006 Q1	-5.2	37.3	72.6	31.8	-1.0	-6.6	3.0	18.5	-0.7	4.0	6.3	-3.5	3.0		
2006 Q2	2.9	-42.5	-69.4	-56.4	2.3	-8.8	13.3	-13.2	-5.8	-14.7	-2.5	-5.8	-8.8		
2006 Q3	8.6	25.0	88.3	57.6	-1.2	21.4	10.3	0.9	18.5	2.2	16.8	4.8	10.3		
2006 Q4	5.3	8.0	0.8	-3.7	1.6	3.6	4.7	-5.2	7.3	1.5	6.4	5.3	4.7		
2007 Q1	-4.3	35.1	67.6	20.6	1.3	-12.0	2.7	-16.0	3.5	5.7	3.9	1.2	2.7		
2007 Q2	3.8	-43.8	-69.0	-48.9	3.0	6.6	-6.9	34.6	-20.2	-4.7	-8.5	-1.4	-6.9		
2007 Q3	-0.5	17.4	74.8	49.0	-1.5	22.4	4.1	-20.7	13.6	1.2	6.9	1.7	4.1		
2007 Q4	13.1	31.8	7.0	-11.7	3.7	-19.9	9.7	-7.1	12.8	3.9	14.1	8.9	9.7		
2008 Q1	-13.1	40.2	77.7	11.8	-3.7	-32.7	-3.6	-44.5	-6.2	-1.4	-3.3	0.6	-3.6		
2008 Q2	6.9	-42.8	-68.4	-44.7	1.0	10.5	-6.9	153.9	-9.1	6.5	-17.1	-2.6	-6.9		
2008 Q3	-0.7	22.1	273.2	1.0	-14.0	-23.0	0.3	-18.2	6.6	-3.5	2.9	-0.3	0.3		
2008 Q4	-0.5	16.3	3.6	-27.5	-1.0	-33.7	0.5	-4.4	2.7	-0.4	0.3	1.9	0.5		
2009 Q1	-11.4	38.2	29.8	-11.1	-15.8	-34.9	-2.4	-16.6	-2.9	3.1	3.8	-2.6	-2.4		
2009 Q2	-8.2	-47.5	-43.4	-28.7	-0.8	53.6	-17.6	19.3	-27.9	-9.3	-26.0	-7.9	-17.6		
2009 Q3	2.2	35.4	28.8	78.4	0.4	21.1	9.1	-9.2	17.8	3.4	16.4	2.4	9.1		
2009 Q4	3.0	2.4	5.4	5.8	-6.6	-7.9	0.8	-12.0	3.7	4.4	2.8	2.8	0.8		
2010 Q1	-1.5	39.7	25.4	-6.6	-5.2	-35.7	6.2	19.0	4.5	0.2	9.8	4.7	6.2		
2010 Q2	-2.1	-45.3	-41.3	-33.9	19.0	52.4	-11.6	5.5	-12.1	5.5	-26.6	-3.1	-11.6		
2010 Q3	9.2	22.4	24.1	60.2	7.0	22.7	12.2	18.7	17.5	9.2	17.1	3.3	12.2		
2010 Q4	8.1	1.2	1.8	-11.6	1.3	-14.0	4.3	36.5	9.3	1.3	1.0	2.4	4.3		
2011 Q1	-10.8	48.2	26.5	1.3	-10.1	-29.5	0.5	-61.5	-0.7	-4.8	18.3	2.6	0.5		
2011 Q2	1.2	-49.7	-39.4	-46.9	11.0	36.0	-11.7	26.4	-13.2	1.3	-23.2	-7.9	-11.7		
2011 Q3	9.2	25.3	18.0	45.3	2.6	15.0	10.9	-11.8	20.8	4.3	16.3	5.9	10.9		
2011 Q4	9.6	1.0	3.2	-1.6	4.1	-1.8	6.4	34.2	10.4	3.9	5.0	3.2	6.4		
2012 Q1	-5.8	49.0	22.8	3.3	-10.5	-31.0	2.2	-2.2	-2.5	-6.3	12.0	0.8	2.2		
2012 Q2	-4.1	-43.2	-39.3	-37.0	4.6	38.1	-12.2	-1.5	-25.2	-2.3	-15.2	-5.2	-12.2		
2012 Q3	6.9	5.4	20.6	53.8	1.1	14.6	6.3	-9.7	15.2	3.1	7.5	3.5	6.3		
2012 Q4	13.3	5.3	3.1	-4.9	4.6	0.0	9.6	33.9	14.7	4.3	8.2	8.2	9.6		
2013 Q1	-12.8	44.8	20.2	20.5	-9.8	-25.3	-3.4	-43.2	-0.6	-6.4	0.2	-0.9	-3.4		
2013 Q2	1.0	-42.2	-36.1	-39.7	20.1	40.1	-5.5	53.0	-25.2	11.4	-8.2	-4.2	-5.5		
2013 Q3	9.3	21.1	25.2	67.1	3.7	21.2	10.8	27.4	27.5	5.6	9.6	2.6	10.8		
2013 Q4	5.6	7.7	3.1	7.7	2.6	3.7	5.2	5.6	7.0	2.7	6.2	4.6	5.2		
2014 Q1	-7.6	60.4	27.2	15.0	-5.1	-28.0	2.9	-19.1	2.1	-1.7	10.3	1.2	2.9		
2014 Q2	3.6	-49.9	-24.2	-33.0	8.3	41.9	-7.7	50.0	-11.5	3.9	-17.6	-8.4	-7.7		
2014 Q3	0.9	24.9	27.1	55.1	4.9	6.9	5.8	-3.5	12.8	7.2	5.5	1.8	5.8		
2014 Q4	6.7	6.5	4.2	-2.7	-0.5	-5.4	4.5	7.0	7.3	0.0	4.3	6.3	4.5		
2015 Q1	-2.1	48.1	18.3	10.7	-8.4	-32.0	3.6	26.4	-0.9	-5.1	13.2	-5.5	3.6		
2015 Q2	0.0	-44.3	42.0	-42.6	16.1	36.4	-7.3	-1.9	-13.1	7.2	-16.2	-1.5	-7.3		
2015 Q3	-1.5	10.5	31.6	67.3	-0.5	12.8	1.7	-17.0	5.3	2.2	4.4	1.0	1.7		
2015 Q4	7.7	0.9	1.4	-0.5	1.5	3.3	5.0	17.6	8.9	1.1	3.8	3.7	5.0		
2016 Q1	-9.8	45.7	24.2	-11.2	-6.1	-10.8	-0.7	-7.4	-10.6	-2.7	7.5	-0.2	-0.7		
2016 Q2	6.5	-34.7	-30.1	4.2	10.2	3.6	-2.4	36.1	-2.5	4.4	-13.0	-3.2	-2.4		
2016 Q3	1.6	17.2	19.1	6.9	-0.3	6.8	4.0	1.1	4.0	1.4	8.2	1.2	4.0		
2016 Q4	4.7	-0.6	3.2	6.5	2.4	6.3	3.5	-10.9	10.9	2.5	3.6	4.6	3.5		
2017 Q1	-5.6	41.8	20.7	-13.6	-3.5	-13.6	2.0	-15.2	-4.7	1.0	13.1	0.0	2.0		
2017 Q2	3.1	-36.8	-30.5	8.2	5.1	8.0	-5.4	18.8	-1.3	0.5	-16.1	-3.0	-5.4		
2017 Q3	1.3	19.0	31.8	7.6	2.3	7.5	4.9	-5.5	6.2	4.9	7.2	4.1	4.9		

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.

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

£ million

SECTOR <sup>6</sup> ASSET <sup>6</sup>	Sector								Asset					Total
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non- produced assets	Dwellings <sup>3</sup>	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	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL		
1998 Q1	14.3	8.6	-23.7	-23.6	8.6	-14.9	10.9	16.3	7.4	4.8	24.2	0.6	10.9	
1998 Q2	7.1	13.4	16.9	-35.7	13.3	-26.6	6.6	8.2	5.2	13.5	8.2	0.6	6.6	
1998 Q3	4.7	9.0	27.2	5.1	5.5	5.1	5.4	0.8	-3.0	6.6	17.5	1.2	5.4	
1998 Q4	7.2	13.1	21.8	-12.4	-1.7	-10.9	5.6	15.9	0.6	-0.7	13.1	4.1	5.6	
1999 Q1	3.2	3.1	-3.4	46.4	2.7	58.7	4.6	-18.9	2.4	2.2	12.1	9.1	4.6	
1999 Q2	1.9	15.8	20.2	5.6	3.3	20.4	4.0	-24.6	-1.6	4.1	13.9	9.7	4.0	
1999 Q3	5.4	4.5	-36.8	28.2	9.7	41.4	7.2	-24.3	5.7	7.1	13.2	11.4	7.2	
1999 Q4	-4.1	-1.2	4.7	80.0	6.7	68.4	0.5	-31.2	-12.8	6.8	11.6	8.5	0.5	
2000 Q1	2.4	2.5	-8.9	-3.7	17.5	39.7	5.9	-28.1	1.1	15.5	11.8	7.0	5.9	
2000 Q2	11.9	-0.1	-32.6	47.4	11.3	46.2	12.0	16.6	16.6	9.4	10.7	9.2	12.0	
2000 Q3	-0.3	-2.6	19.0	-30.3	8.3	-25.4	-0.6	-1.3	-6.2	8.7	-3.4	3.5	-0.6	
2000 Q4	7.3	8.9	-1.1	-21.6	6.1	-8.2	6.2	13.6	8.9	5.8	5.2	3.2	6.2	
2001 Q1	-0.9	2.2	53.9	62.6	-0.8	-6.1	0.0	-34.9	-5.5	2.8	3.4	2.3	0.0	
2001 Q2	-5.7	23.0	99.5	28.6	-1.3	-1.7	-2.1	19.4	-22.7	1.4	9.6	-2.0	-2.1	
2001 Q3	-2.6	35.4	67.7	120.7	1.6	68.6	5.3	22.2	-1.2	4.2	10.7	1.2	5.3	
2001 Q4	-9.8	24.2	69.7	78.3	3.3	12.9	-2.7	-21.3	-4.4	6.5	-5.7	1.8	-2.7	
2002 Q1	-6.3	15.6	32.7	19.4	5.2	11.7	-0.2	63.9	-2.5	7.7	-0.7	-0.1	-0.2	
2002 Q2	-0.2	4.7	-14.1	22.9	12.2	11.4	2.9	30.0	6.3	10.8	-9.5	2.8	2.9	
2002 Q3	0.6	7.3	-0.6	19.2	15.5	13.2	4.8	41.1	1.7	14.5	-3.8	3.6	4.8	
2002 Q4	8.1	7.3	39.5	121.5	26.8	26.4	13.0	101.3	2.6	27.6	9.7	2.1	13.0	
2003 Q1	7.3	22.1	39.4	81.4	17.3	2.0	11.9	16.7	7.7	19.9	14.3	4.2	11.9	
2003 Q2	-6.0	10.6	31.2	38.4	18.1	-0.7	0.6	-20.2	-11.1	19.1	4.2	1.1	0.6	
2003 Q3	-4.0	4.0	38.1	33.1	15.9	-2.4	1.3	-10.4	-2.9	17.1	-2.2	0.4	1.3	
2003 Q4	-7.5	3.5	-6.6	-24.3	13.2	2.2	-2.0	-25.2	-8.6	11.7	-1.6	-0.7	-2.0	
2004 Q1	-6.7	10.8	-21.7	-12.3	22.2	43.1	3.0	-19.5	-5.2	16.3	6.4	1.1	3.0	
2004 Q2	-5.7	29.4	8.6	52.7	11.3	45.2	5.1	-5.4	6.0	10.7	6.8	-0.3	5.1	
2004 Q3	-3.3	23.7	-1.8	34.8	10.7	27.4	5.3	-16.8	-1.0	9.9	13.0	3.1	5.3	
2004 Q4	-2.9	26.6	2.3	20.6	7.3	7.9	3.7	-12.7	2.5	6.9	3.4	6.2	3.7	
2005 Q1	-6.4	25.5	6.9	-32.4	5.4	-14.9	0.9	-22.9	-6.7	5.4	2.0	9.2	0.9	
2005 Q2	68.6	-234.2	1.0	-35.8	11.2	-10.6	8.7	-1.9	6.1	10.6	7.0	15.5	8.7	
2005 Q3	11.4	11.8	21.5	-7.4	8.0	7.4	10.3	0.3	3.4	8.5	17.8	10.0	10.3	
2005 Q4	7.6	7.9	12.0	2.5	6.8	36.7	9.6	0.2	-2.0	7.0	19.9	10.8	9.6	
2006 Q1	9.4	-3.3	32.8	80.6	5.9	55.1	9.5	24.9	2.7	8.1	15.4	4.3	9.5	
2006 Q2	-32.8	-176.6	-4.2	6.3	3.4	26.1	2.8	-5.2	-6.5	3.0	13.3	-1.9	2.8	
2006 Q3	7.9	3.0	10.1	0.0	0.6	16.7	6.4	12.9	5.5	1.2	11.0	3.6	6.4	
2006 Q4	11.6	6.6	0.3	-6.1	1.7	11.3	8.5	28.4	9.5	1.6	12.8	3.8	8.5	
2007 Q1	12.7	4.9	-2.6	-14.0	4.1	4.8	8.2	-9.0	14.2	3.3	10.2	8.8	8.2	
2007 Q2	13.7	2.6	-1.2	0.8	4.8	18.0	10.5	8.2	5.1	4.6	18.2	10.0	10.5	
2007 Q3	4.2	-3.7	-8.2	-4.7	4.4	18.9	4.3	-14.9	0.8	3.6	8.2	6.8	4.3	
2007 Q4	11.8	17.5	-2.6	-18.9	6.6	-8.1	9.3	-16.6	5.9	5.9	16.0	10.5	9.3	
2008 Q1	1.5	22.0	3.2	-24.9	1.4	-29.6	2.6	-45.0	-4.0	1.6	7.9	9.8	2.6	
2008 Q2	4.5	24.2	5.0	-18.7	-0.6	-27.1	2.6	3.8	9.3	-0.4	-2.1	8.5	2.6	
2008 Q3	4.2	29.1	124.2	-44.9	-13.2	-54.2	-1.3	7.0	2.6	-5.0	-5.8	6.4	-1.3	
2008 Q4	-8.3	13.9	117.1	-54.7	-17.1	-62.0	-9.5	10.1	-6.6	-8.8	-17.7	-0.5	-9.5	
2009 Q1	-6.5	12.3	58.5	-64.0	-27.6	-63.3	-8.4	65.6	-3.3	-18.3	-11.7	-3.5	-8.4	
2009 Q2	-19.7	3.0	183.9	-53.6	-28.9	-48.9	-19.0	-22.2	-23.4	-20.8	-21.2	-8.8	-19.0	
2009 Q3	-17.3	14.3	-2.0	-18.0	-17.0	-19.6	-11.8	-13.6	-15.3	-15.1	-10.9	-6.4	-11.8	
2009 Q4	-14.4	0.5	-0.3	19.6	-21.7	11.6	-11.5	-20.6	-14.5	-18.5	-8.1	-5.6	-11.5	
2010 Q1	-4.7	1.7	-3.6	25.7	-11.8	10.2	-3.7	13.4	-8.0	-10.2	-2.8	1.4	-3.7	
2010 Q2	1.5	6.0	0.1	16.5	5.7	9.3	3.4	0.2	12.1	4.5	-3.5	6.7	3.4	
2010 Q3	8.6	-4.1	-3.6	4.6	12.6	10.7	6.3	31.1	11.8	10.4	-2.9	7.6	6.3	
2010 Q4	13.9	-5.3	-7.0	-12.6	22.2	3.4	9.9	103.4	17.9	16.9	-6.5	7.2	9.9	
2011 Q1	3.1	0.5	-6.2	-5.3	15.9	13.4	4.0	-34.3	12.0	11.1	0.7	5.0	4.0	
2011 Q2	6.5	-7.6	-3.2	-23.9	8.2	1.1	3.8	-21.3	10.7	6.7	5.3	-0.2	3.8	
2011 Q3	6.5	-5.5	-7.9	-30.9	3.7	-5.2	2.6	-41.5	13.8	2.0	4.5	2.4	2.6	
2011 Q4	8.0	-5.7	-6.7	-23.1	6.5	8.3	4.7	-42.5	15.0	4.6	10.8	3.2	4.7	
2012 Q1	14.1	-5.2	-9.4	-21.6	6.1	6.0	6.4	45.6	12.9	2.9	4.9	1.4	6.4	
2012 Q2	8.1	7.0	-9.2	-7.0	-0.1	7.7	5.9	13.5	-2.7	-0.7	15.9	4.3	5.9	
2012 Q3	5.8	-9.9	-7.3	-1.6	-1.5	7.2	1.4	16.2	-7.3	-1.9	7.2	1.9	1.4	
2012 Q4	9.4	-6.1	-7.3	-4.9	-1.1	9.2	4.5	16.0	-3.7	-1.5	10.6	6.9	4.5	
2013 Q1	1.3	-8.8	-9.2	11.0	-0.2	18.2	-1.2	-32.4	-1.8	-1.6	-1.1	5.1	-1.2	
2013 Q2	6.7	-7.2	-4.5	6.3	14.6	19.9	6.3	5.0	-1.8	12.1	7.0	6.3	6.3	
2013 Q3	9.2	6.7	-0.8	15.4	17.5	26.8	10.8	48.2	8.8	14.9	9.1	5.4	10.8	
2013 Q4	1.8	9.2	-0.8	30.8	15.4	31.5	6.4	17.0	1.5	13.1	7.0	1.9	6.4	
2014 Q1	7.8	20.9	4.9	24.8	21.4	26.7	13.4	66.5	4.2	18.8	17.9	4.0	13.4	
2014 Q2	10.5	4.9	24.6	38.8	9.4	28.4	10.7	63.3	23.3	10.8	5.8	-0.5	10.7	
2014 Q3	2.0	8.2	26.4	28.9	10.7	13.2	5.8	23.6	9.0	12.4	1.8	-1.3	5.8	
2014 Q4	3.1	7.0	27.8	16.3	7.3	3.3	5.0	25.3	9.3	9.5	0.0	0.3	5.0	
2015 Q1	9.3	-1.2	18.8	11.9	3.6	-2.4	5.7	95.9	6.1	5.7	2.7	-6.3	5.7	
2015 Q2	5.5	9.7	-9.0	-4.2	11.0	-6.2	6.1	28.1	4.3	9.0	4.4	0.8	6.1	
2015 Q3	3.0	-3.0	-5.8	3.3	5.3	-1.1	2.1	10.2	-2.7	3.9	3.4	0.0	2.1	
2015 Q4	3.9	8.1	-10.9	5.6	7.3	8.0	2.5	21.1	-1.2	5.1	2.8	-2.5	2.5	
2016 Q1	-4.3	-9.6	-6.5	-15.2	10.0	41.8	-1.7	-11.3	-10.9	7.8	-2.4	3.0	-1.7	
2016 Q2	1.9	6.1	12.6	54.0	4.3	7.7	3.5	23.0	0.0	5.0	1.3	1.2	3.5	
2016 Q3	5.1	12.5	1.9	-1.6	4.6	2.0	5.8	49.9	-1.2	4.3	5.0	1.5	5.8	
2016 Q4	2.2	10.8	6.6	5.3	5.5	5.0	4.3	13.6	0.6	5.6	4.8	2.4	4.3	
2017 Q1	7.0	7.9	3.7	2.4	8.5	1.7	7.1	4.0	7.2	7.5	10.3	1.6	7.1	
2017 Q2	3.6	4.4	3.0	6.3	3.5	6.0	3.8	-9.2	8.5	3.5	6.4	1.8	3.8	
2017 Q3	3.3	6.1	14.0	7.0	6.2	6.8	4.7	-15.1	10.8	7.0	5.4	4.6	4.7	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

£ million

SECTOR <sup>5</sup> ASSET <sup>6</sup>	Sector								Asset						
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total								
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	115 091	15 433	1 623	451	25 159	7 219	164 976	12 403	46 810	26 779	45 622	33 362	164 976		
1998	124 540	17 079	1 632	370	26 704	6 330	176 654	13 675	47 943	28 334	52 792	33 913	176 654		
1999	126 325	17 875	1 529	522	28 209	9 273	183 734	10 350	46 974	29 769	59 454	37 187	183 734		
2000	132 950	18 285	1 421	479	31 203	9 966	194 299	10 130	49 248	32 679	62 950	39 293	194 299		
2001	126 505	21 766	2 387	813	31 419	11 476	194 366	10 378	44 943	33 895	65 530	39 621	194 366		
2002	127 130	23 758	2 837	1 194	36 136	13 294	204 351	15 828	45 774	39 054	63 238	40 457	204 351		
2003	123 664	26 288	3 509	1 472	41 911	13 317	210 164	14 034	44 105	45 579	65 492	40 956	210 164		
2004	117 903	31 853	3 235	1 720	47 164	17 200	219 072	12 123	44 202	50 515	70 236	41 997	219 072		
2005	140 940	20 298	3 574	1 410	50 856	18 002	235 080	11 363	44 136	54 476	78 355	46 749	235 080		
2006	134 361	36 455	4 048	1 659	52 295	22 367	251 186	12 859	45 458	56 352	88 619	47 897	251 186		
2007	148 455	38 515	3 897	1 481	54 894	24 137	271 380	11 833	48 401	58 793	100 140	52 213	271 380		
2008	148 740	46 850	6 142	951	50 782	13 533	266 997	11 232	48 272	56 938	95 264	55 290	266 997		
2009	127 053	50 553	8 024	589	38 539	8 635	233 395	10 348	41 559	46 566	82 990	51 931	233 395		
2010	133 081	50 220	7 721	625	41 193	9 345	242 186	13 917	44 755	48 909	79 748	54 858	242 186		
2011	141 204	48 275	7 246	496	44 552	9 637	251 411	8 887	50 587	51 790	83 837	56 309	251 411		
2012	154 276	46 223	6 640	447	44 857	10 377	262 820	10 796	50 423	51 612	91 628	58 362	262 820		
2013	161 409	45 718	6 357	521	50 245	12 958	277 209	11 742	51 258	56 602	96 536	61 071	277 209		
2014	170 553	50 954	7 617	655	56 132	15 054	300 965	16 434	56 717	63 749	102 609	61 456	300 965		
2015	179 697	50 288	7 523	687	59 977	15 018	313 189	21 977	57 565	67 500	105 970	60 176	313 189		
2016	181 949	51 763	7 698	725	63 549	16 746	322 430	25 775	55 834	71 300	108 121	61 400	322 430		

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

SECTOR <sup>5</sup> ASSET <sup>6</sup>	Sector								Asset						
	Public corporations <sup>2</sup>				Private sector				Transport equipment	ICT equipment and other machinery and equipment <sup>5</sup>	Dwellings <sup>3</sup>	Other buildings and structures and transfer costs <sup>4</sup>	Intellectual property products	Total	
	Business investment <sup>1</sup>	General Government	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Dwellings <sup>3</sup>	Costs of ownership transfer on non-produced assets	Total								
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	8.2	10.7	0.6	-18.0	6.1	-12.3	7.1	10.3	2.4	5.8	15.7	1.7	7.1		
1999	1.4	4.7	-6.3	41.1	5.6	46.5	4.0	-24.3	-2.0	5.1	12.6	9.7	4.0		
2000	5.2	2.3	-7.1	-8.2	10.6	7.5	5.8	-2.1	4.8	9.8	5.9	5.7	5.8		
2001	-4.8	19.0	68.0	69.7	0.7	15.2	0.0	2.4	-8.7	3.7	4.1	0.8	0.0		
2002	0.5	9.2	18.9	46.9	15.0	15.8	5.1	52.5	1.8	15.2	-3.5	2.1	5.1		
2003	-2.7	10.6	23.7	23.3	16.0	0.2	2.8	-11.3	-3.6	16.7	3.6	1.2	2.8		
2004	-4.7	21.2	-7.8	16.8	12.5	29.2	4.2	-13.6	0.2	10.8	7.2	2.5	4.2		
2005	19.5	-36.3	10.5	-18.0	7.8	4.7	7.3	-6.3	-0.1	7.8	11.6	11.3	7.3		
2006	-4.7	79.6	13.3	17.7	2.8	24.2	6.9	13.2	3.0	3.4	13.1	2.5	6.9		
2007	10.5	5.7	-3.7	-10.7	5.0	7.9	8.0	-8.0	6.5	4.3	13.0	9.0	8.0		
2008	0.2	21.6	57.6	-35.8	-7.5	-43.9	-1.6	-5.1	-0.3	-3.2	-4.9	5.9	-1.6		
2009	-14.6	7.9	30.6	-38.1	-24.1	-36.2	-12.6	-7.9	-13.9	-12.9	-12.9	-6.1	-12.6		
2010	4.7	-0.7	-3.8	6.1	6.9	8.2	3.8	34.5	7.7	5.0	-3.9	5.6	3.8		
2011	6.1	-3.9	-6.2	-20.6	8.2	3.1	3.8	-36.1	13.0	5.9	5.1	2.6	3.8		
2012	9.3	-4.3	-8.4	-9.9	0.7	7.7	4.5	21.5	-0.3	-0.3	9.3	3.6	4.5		
2013	4.6	-1.1	-4.3	16.6	12.0	24.9	5.5	8.8	1.7	9.7	5.4	4.6	5.5		
2014	5.7	11.5	19.8	25.7	11.7	16.2	8.6	40.0	10.7	12.6	6.3	0.6	8.6		
2015	5.4	-1.3	-1.2	4.9	6.8	-0.2	4.1	33.7	1.5	5.9	3.3	-2.1	4.1		
2016	1.3	2.9	2.3	5.5	6.0	11.5	3.0	17.3	-3.0	5.6	2.0	2.0	3.0		

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