Statistical bulletin

Business investment in the UK: April to June 2017 revised results

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

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Next release:
23 November 2017

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1 . Main points

- Gross fixed capital formation (GFCF), in volume terms, was estimated to have increased by 0.6% to £81.2 billion in Quarter 2 (Apr to Jun) 2017 from £80.7 billion in Quarter 1 (Jan to Mar) 2017.

- Business investment was estimated to have increased by 0.5% to £45.7 billion in Quarter 2 2017 from £45.4 billion in Quarter 1 2017.

- Between Quarter 2 2016 and Quarter 2 2017, GFCF was estimated to have increased by 2.4%, from £79.3 billion and business investment was estimated to have increased by 2.5%, from £44.5 billion.

- The sectors contributing most to GFCF growth between Quarter 1 2017 and Quarter 2 2017 were general government and business investment.

- The asset that contributed most to GFCF growth for the same period was ICT equipment and other machinery and equipment. This was slightly offset by dwellings and other buildings and structures and transfer costs.

- Between 2015 and 2016 GFCF was estimated to have increased by 1.3%.

- Business investment fell by 0.4% between 2015 and 2016, an upwards revision of 1.1 percentage points compared with the previously published estimate.

- Estimates in this bulletin are consistent with the UK National Accounts, Blue Book 2017 edition to be published on 31 October 2017. All data have been revised from their start point and the reference year for the chained volume estimates has now moved on from 2013 to 2015.

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), intellectual property products (assets without physical properties – formerly known as intangibles) and transfer costs (costs associated with buying or selling an asset for example legal fees). 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.

This is a UK National Accounts, Blue Book 2017-consistent release. Each year in the Blue Book-consistent publications of business investment we incorporate methodological and data changes that will impact on the business investment and GFCF datasets. For more information on the updates included as part of this year’s Blue Book update, please see section 3.

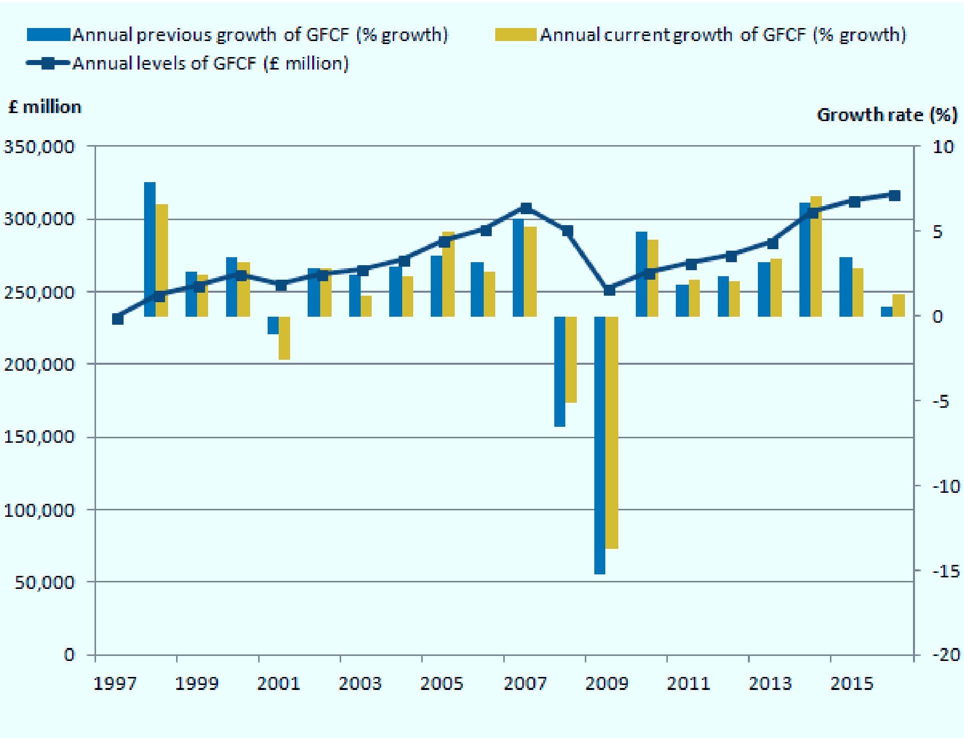
3 . Outline of improvements to the Blue Book 2017 consistent GFCF and business investment datasets

This business investment release is the first publication of gross fixed capital formation (GFCF) data consistent with the Blue Book 2017 dataset. The full Blue Book 2017 dataset is to be released on 31 October 2017. We have introduced a number of changes to GFCF. Some of these have previously been discussed in the Annual improvements to gross fixed capital formation source data for Blue Book 2017, published 16 February 2017. There are also regular annual updates to seasonal adjustment models and annual business survey data, as well as the full integration of the new GFCF estimation system.

Overall, the changes introduced have reduced the level of GFCF between 1997 and 2016 by an average of £3.5 billion annually. Figure 1 shows the annual levels and growth of GFCF compared with those previously published.

Figure 1: Annual GFCF levels and growth, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK



On average, annual business investment is £0.3 billion higher in 2016 than in 1997. The changes are not as uniform as those for GFCF. A detailed breakdown of the revisions to GFCF and business investment can be seen in the tables published alongside this bulletin.

Regular blue book changes

At each Blue Book publication, we take the opportunity to review our seasonal adjustment models to make sure that they are appropriate. As a result, the seasonally adjusted series will all revise to some extent. When these new models are applied to series where we have introduced new methodology, the change can be large. This is outlined in the sections that follow, particularly in relation to the transport equipment and other buildings and structures and transfer costs series.

We have also introduced updated data from the annual business survey (ABS), which will impact on the levels of GFCF from 2014 onwards.

Integration of the new GFCF system

In February 2017, we produced our first estimates of GFCF using the new GFCF estimation system. Information on the new methodology and impacts of the new system can be found here. Gross fixed capital formation (GFCF) new system deployment and data impact assessment and Changes to the Gross Fixed Capital Formation methodology and processing.

In order to be consistent with National Accounts revisions policy, changes from the new system impacting on 2015 and earlier were previously constrained out.

As this Blue Book 2017 consistent publication opens up those earlier years for revision then we are now able to integrate estimates for the new estimation system for the period prior to Quarter 1 (Jan to Mar) 2016.

As a result, there are changes from:

- the introduction of more detailed deflation for all assets
- improved seasonal adjustment methodology
- improved benchmarking to annual survey data
- improvements made to the sector breakdown

Here we will link the changes to the revised series by asset.

Dwellings

The largest change to dwellings in Blue Book 2017 is due to the reclassification of Housing Associations from private non-financial corporations to public corporations from Quarter 3 (July to Sep) 2008. This can be seen in the data as an upward revision to public corporations dwellings and a downward revision to private dwellings investment since Quarter 3 2008. The average current price annual increase to public corporations dwellings is £3.4 billion. This change does not affect the total level of dwellings or GFCF.

We have also made improvements to the deflation of dwellings data, using more appropriate deflators to differentiate between public and private sector investment, as well as different deflators for new dwellings and repair and maintenance of existing dwellings.

Transport

There are two main changes to the transport series in Blue Book 2017. These are the introduction of improved source data for investment in aircraft from 2013 and the introduction of more up to date annual business survey data for 2014 and 2015. Both changes contribute to the large increase in the level of investment in transport equipment from 2013 and the change to the quarterly path from 2015. In particular, the aircraft data has changed the underlying profile of the transport series by introducing new peaks in the series in early 2015 and Quarter 3 2016

Intellectual property products

Intellectual property products (IPP) consists of four assets – software and databases, artistic originals, research and development, and mineral exploration. Two changes have been introduced for this release. The first relates to software and databases impacting 1997 to 2015. In the Quarter (Apr to June) 2016 business investment release, an error was identified in the methodology used to calculate purchased software within GFCF which led to some double counting. Correcting this has reduced the level of software and databases in all years, on average by £3.8 billion annually.

The second change relates to artistic originals. We have taken on revised estimates for data from 2009, causing an increase in the level from this point in the series.

ICT equipment and other machinery and equipment

Following the introduction of the new Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) in 2015, we received feedback from respondents indicating that they had previously been misreporting their asset breakdown and were correcting this on the new questionnaire. We found that some respondents had been reporting other construction work as other capital equipment. In order to remain consistent, we applied adjustments to the current price data from 2015 Quarter 1 onwards to reduce the level of new construction work and increase the level of other capital equipment. In this Blue Book 2017 dataset, we have taken the opportunity to correct the back series in line with the new survey information and remove the adjustments from 2015 onwards. As a result, the current price level of information and communication technology (ICT) equipment and other machinery and equipment has been reduced.

Other buildings and structures and costs of ownership transfer

As discussed as part of the ICT equipment and other machinery and equipment revisions, feedback from respondents following the introduction of the QCAS survey identified misreporting of asset breakdowns. As a result, the current price level of other buildings and structures has increased.

As well as the more detailed deflation introduced by the new GFCF system, specific improvements have also been made to the deflators used to deflate buildings data. These improvements are discussed in more detail in the Impact of Improvements to Construction Statistics article.

These changes have altered the underlying trend of the other buildings and structures series, resulting in an altered profile to for the seasonally adjusted series.

Three changes have been made to the costs of ownership series (sometimes referred to as transfer costs) in this Blue Book consistent dataset. We published an article in February 2017, Review of costs of ownership transfer and treatment in the UK National Accounts, discussing an issue with the calculation of transfer costs that was identified as part of the National Statistics Quality Review of National Accounts and Balance of Payments. Following a methodological review, it was determined that transfer costs were by definition positive, which was counter to some of the sector estimates we produced. A new sector breakdown was introduced using the sector breakdown of dwellings and other buildings and structure data as a proxy. This has not changed the total level of transfer costs, but has impacted on the sector breakdown of other buildings and structures and transfer costs. It is this impact which explains why the business investment revisions are less uniform than the GFCF series, as transfer costs are not included in the calculation of business investment and so do not offset the changes to other buildings and structures.

The two remaining changes have changed the total level of transfer costs. Firstly, we use the House Price Index (HPI) as part of the calculation of transfer costs. The methodology in the production of the HPI has been improved, which has caused changes back to 1997. The overall impact has been to reduce the level of transfer costs from 1997 to 2017, though growth has remained broadly the same. More information on the change to the HPI can be found in the article Explaining the impact of the new UK House Price Index: 2016.

Finally, in line with international best practice, we have for the first time estimated the transfer costs associated with the sale of footballers. It should be noted that this does not refer to the transfer fee that a football club would pay, but rather costs associated with the sale such as agents' fees. This change has increased the level of transfer costs from 1997 to 2017, but is much smaller than the impact of the HPI change.

4 . GFCF and business investment main figures

Table 1: Gross fixed capital formation and business investment headline figures by sector and by asset, UK, Quarter 2 (Apr to June) 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		0.6	2.4	81,183
GFCF by sector	Business investment	0.5	2.5	45,661
	General government	6.1	1.6	13,178
	Public corporations dwellings	-0.1	-5.8	1,929
	Public corporations cost of ownership transfer on non-produced assets	50.6	12.1	232
	Private sector dwellings	-1.8	2.3	15,996
	Private sector cost of ownership transfer on non-produced assets	-6.6	6.8	4,187
GFCF by asset	Transport equipment	-1.5	-1.1	6,398
	ICT equipment and other machinery and equipment	8.1	0.1	13,890
	Dwellings	-1.6	1.4	17,941
	Other buildings and structures and transfer costs	-0.6	6.5	27,850
	Intellectual property products	0.0	-0.1	15,104

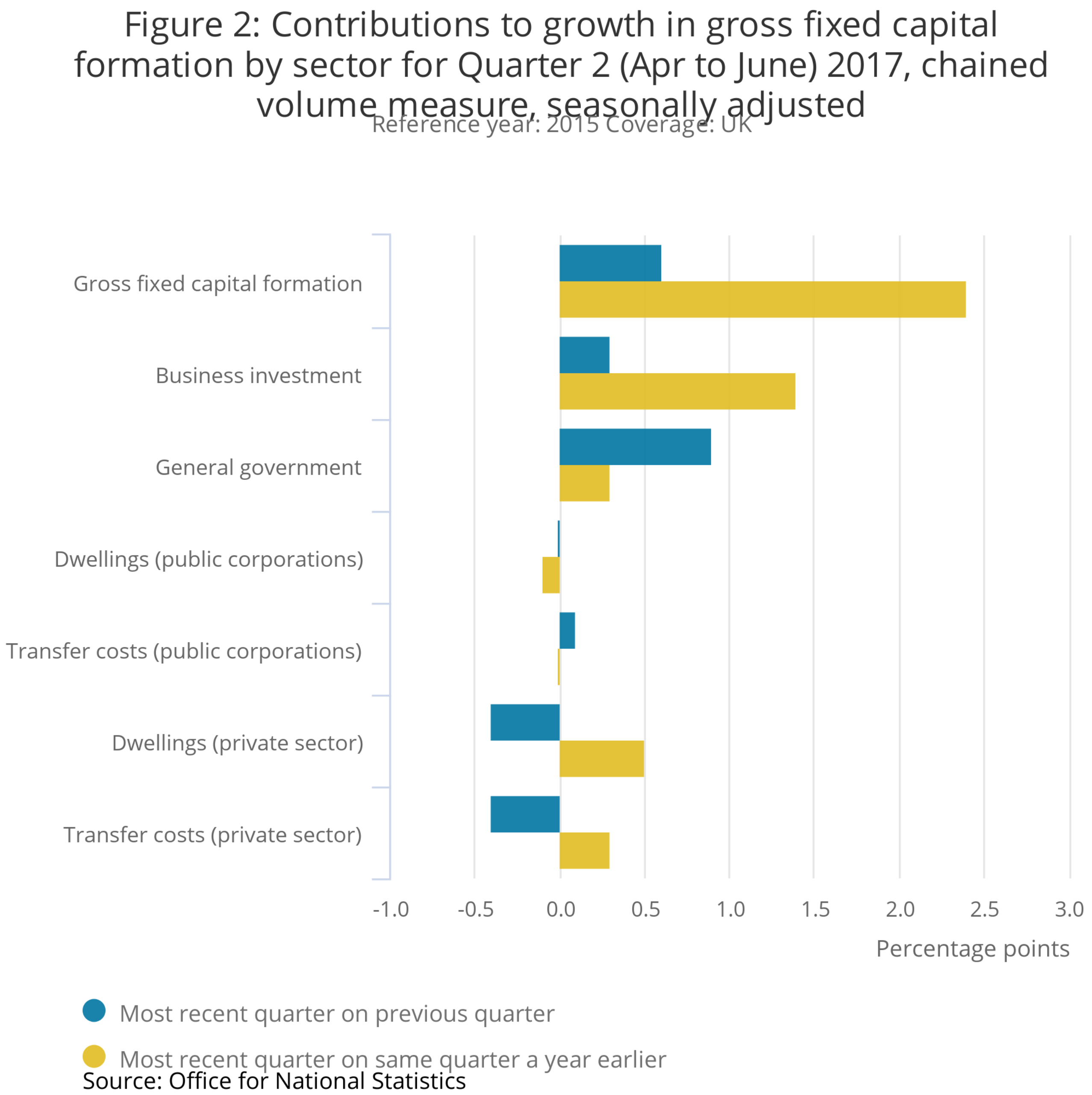
Source: Office for National Statistics

5 . Which sectors and assets are contributing to growth in GFCF in Quarter 2 (Apr to June) 2017?

Between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017, gross fixed capital formation (GFCF) increased by 0.6%. On a sector basis, general government contributed 0.9 percentage points to overall GFCF growth, while business investment contributed 0.3 percentage points. (Figure 2). The largest negative contributors to GFCF for the same period growth were private sector transfer costs and private sector dwellings, which each contributed negative 0.4 percentage points.

Figure 2: Contributions to growth in gross fixed capital formation by sector for Quarter 2 (Apr to June) 2017, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

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

2. The data in this chart covers Quarter 2 (Apr to June) 2017.

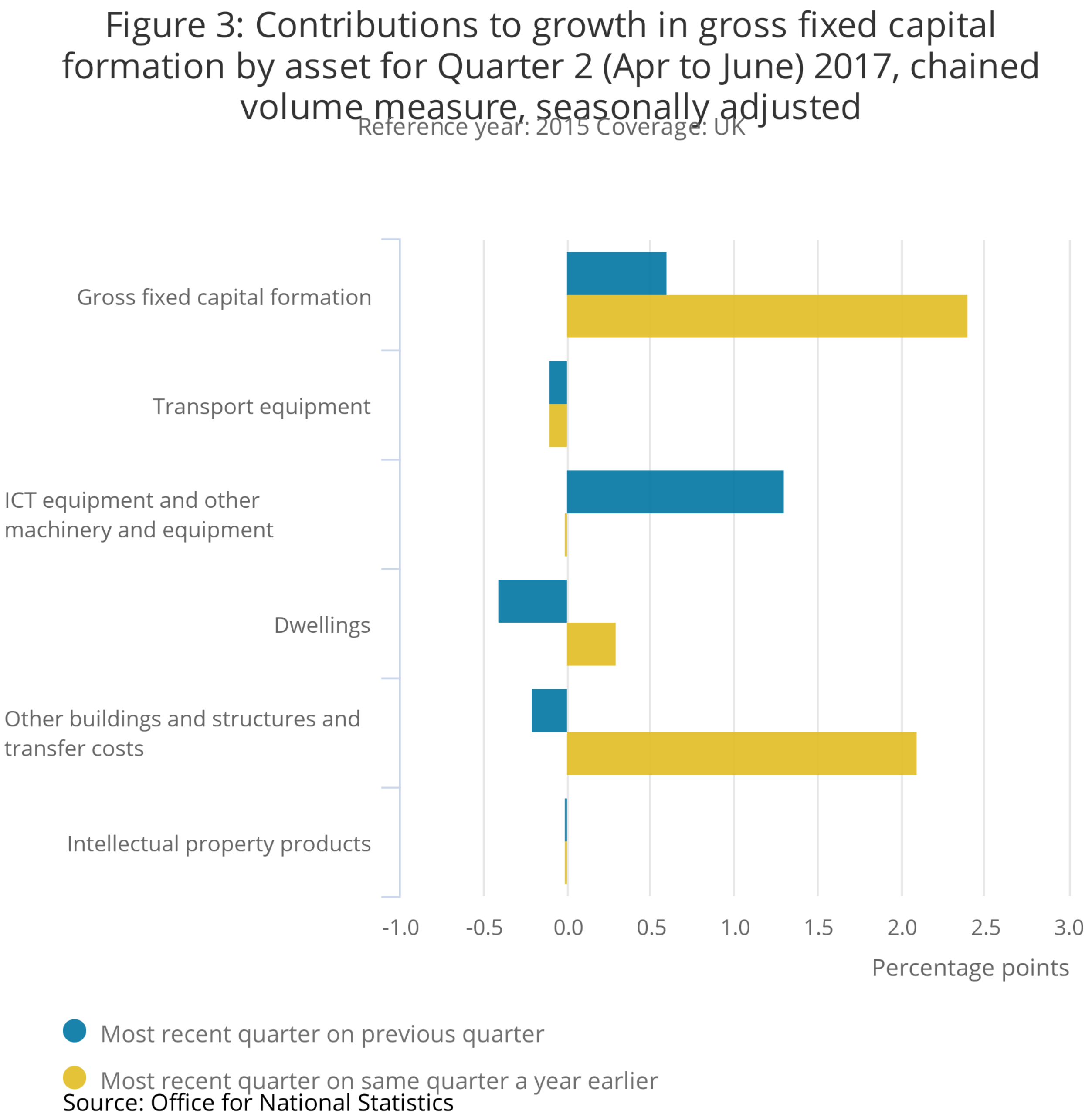
Between Quarter 2 2016 and Quarter 2 2017, GFCF increased by 2.4%. Business investment was the biggest factor in this increase, contributing 1.4 percentage points to the increase. Private sector dwellings, private sector transfer costs and general government also increased, contributing 0.5, 0.3 and 0.3 percentage points respectively to the increase in GFCF. No sectors saw a significant fall when compared with the same quarter a year earlier.

On an asset basis, information and communication technology (ICT) equipment and other machinery and equipment contributed 1.3 percentage points to the 0.6% increase in GFCF in Quarter 2 2017 (Figure 3).

This was partially offset by falls in dwellings, other buildings and structures and transfer costs and transport equipment, which contributed negative 0.4, 0.2 and 0.1 percentage points respectively. The contribution of transport equipment is less negative than provisionally estimated, while the contribution of other buildings and structures and transfer costs has been revised down. Both of these series have been revised as part of the annual Blue Book update described in section 3 of this bulletin.

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

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

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

2. The data in this chart covers Quarter 2 (Apr to June) 2017.

The 2.4% quarter on same quarter a year ago increase in GFCF, for Quarter 2 2017, saw a large positive contribution from other buildings and structures and transfer costs. Dwellings also contributed positively. Transport contributed a negative 0.1 percentage points for the same period, revised up from the provisionally estimated contribution of negative 1.5 percentage points, again for the reasons described in section 3 of this bulletin.

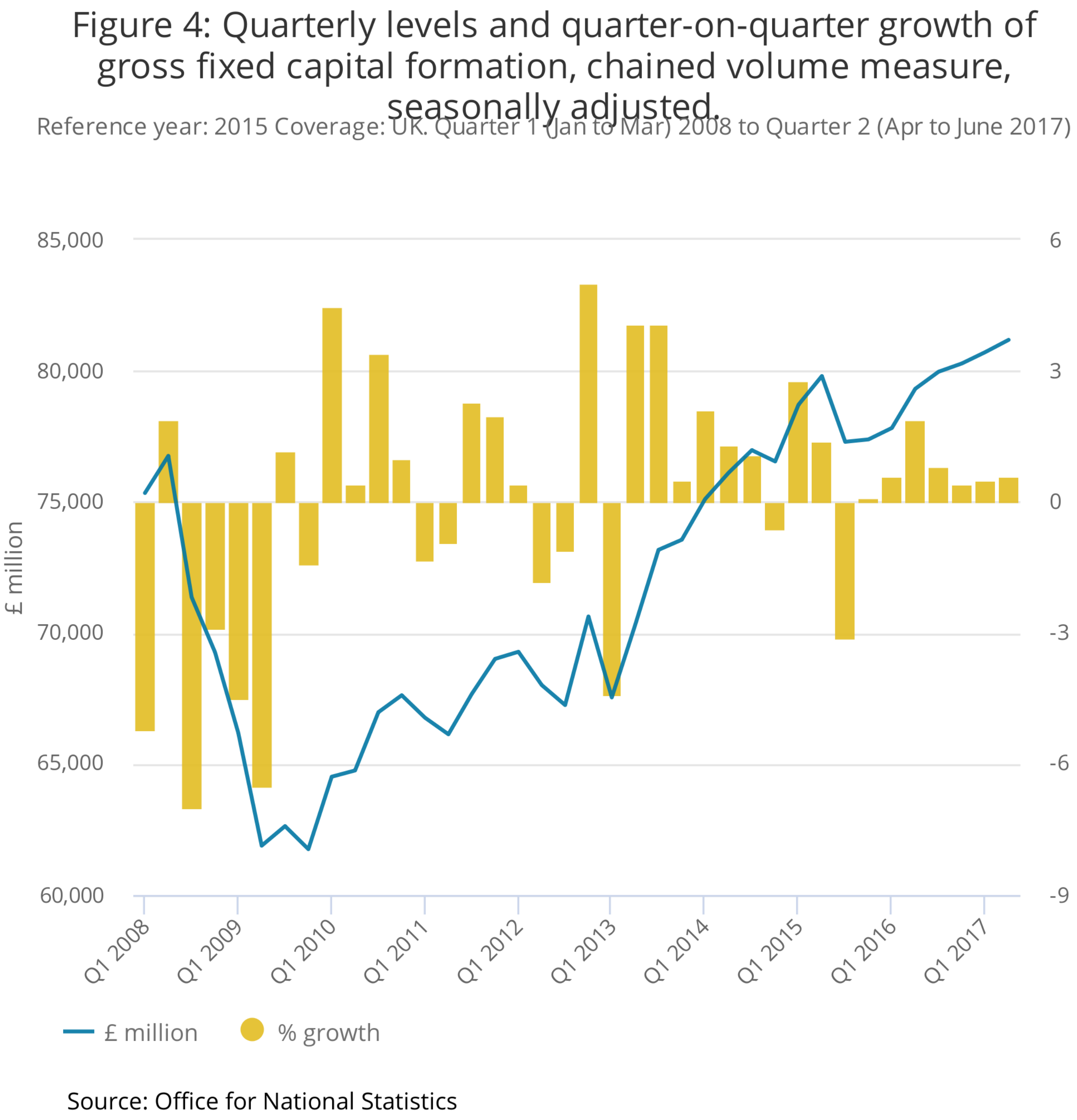
6 . How has GFCF performed over a longer period?

Gross fixed capital formation (GFCF) is now 6.1% above the pre-economic downturn peak of Quarter 1 (Jan to Mar) 2008 and 35.7% above the level seen at the trough of the financial crisis in Quarter 2 (Apr to June) 2009.

The upward revisions to quarter on quarter growth in 2016 in these estimates are mainly due to the introduction of revised estimates for government investment and improved source data for transport equipment, providing modest quarter on quarter growth.

Figure 4: Quarterly levels and quarter-on-quarter growth of gross fixed capital formation, chained volume measure, seasonally adjusted.

Reference year: 2015 Coverage: UK. Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June 2017)



Source: Office for National Statistics

Notes:

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

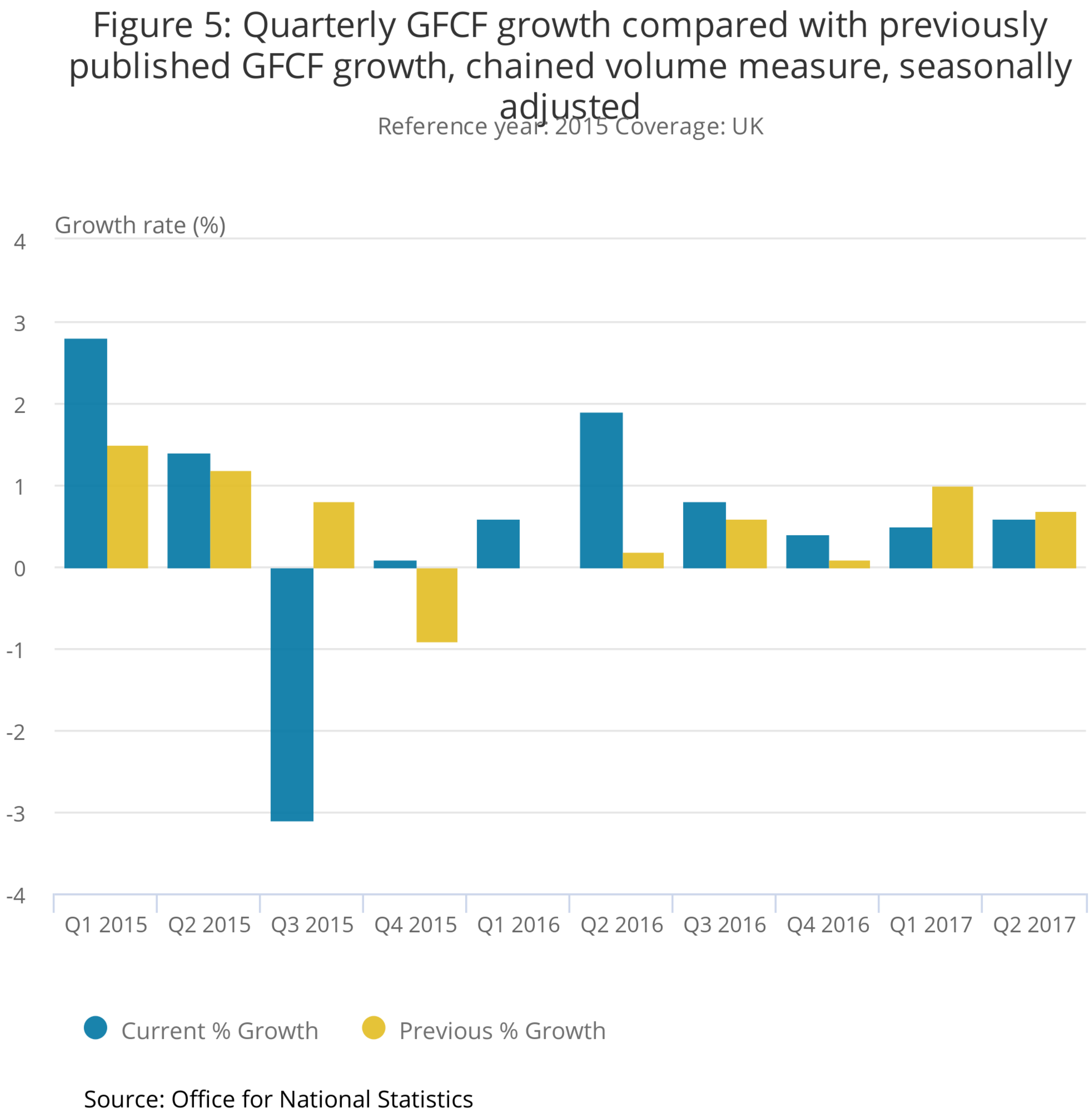
2. The data in this chart covers Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2017.

In 2016, GFCF increased by 1.3% compared with 0.5% previously estimated, 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.

Figure 5 shows the quarterly GFCF growth compared to that published in the provisional business investment release. Revisions from Quarter 1 2016 onwards are due to the combined impact of the updated methods, outlined in section 3, and also the taking on of later data which usually happens during a revised estimate. The revisions to growth in 2017 Quarter 2 are largely due to the Blue Book improvements outlines in section 3. The assets which are having the greatest impact on the revision to GFCF growth in this quarter are transport equipment and other buildings and structures and transfer costs.

Figure 5: Quarterly GFCF growth compared with previously published GFCF growth, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

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

2. The data in this chart covers Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2017.

7 . What other information can tell us more about investment?

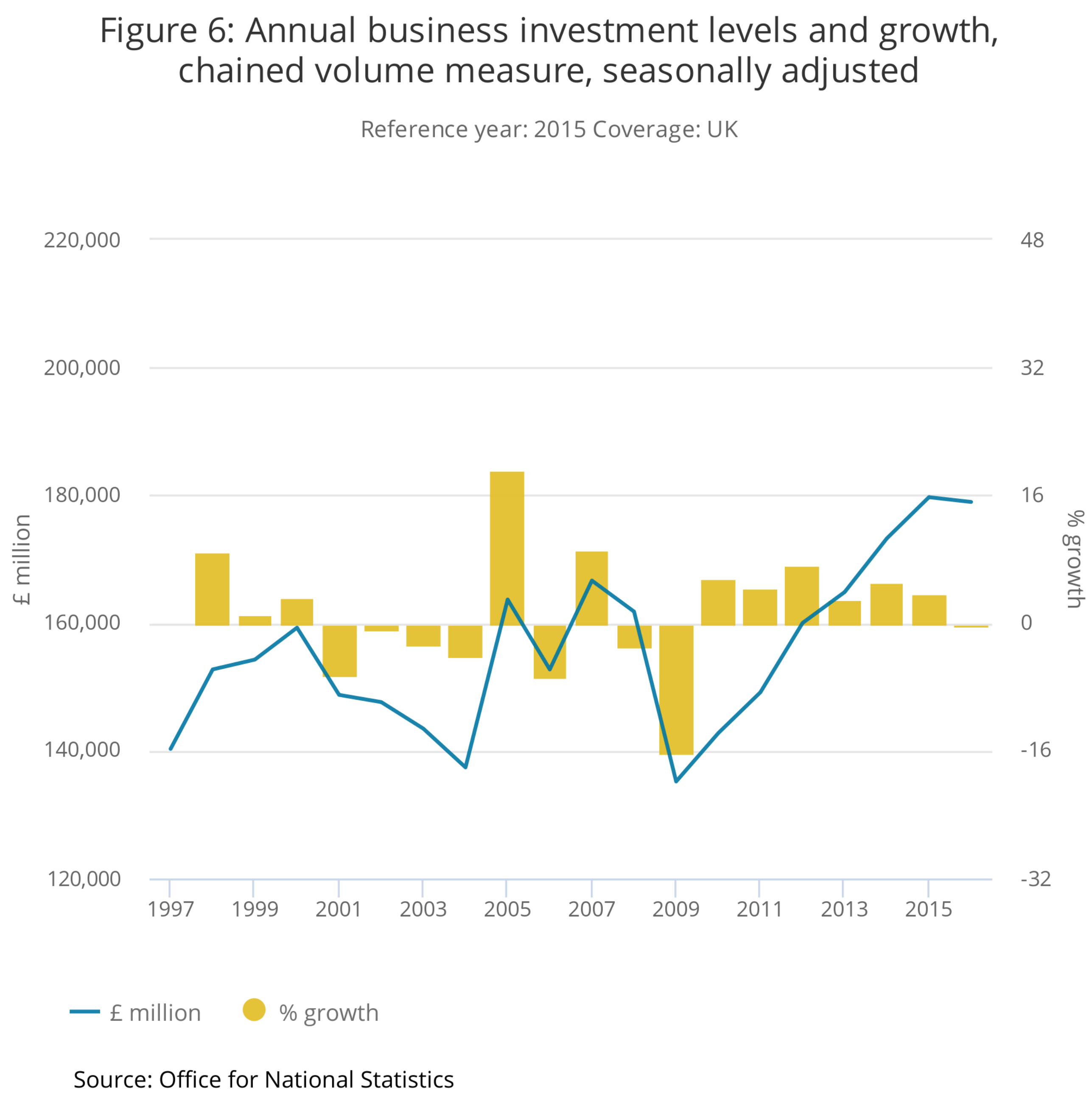
Developments in the housing market can be an important indicator of investment and wider activity in the economy. Construction output fell by 1.2% in the three months to July 2017 (see Construction output in Great Britain: July 2017 for more information). This was mainly driven by a decrease in new building work, reflected in the decrease of private sector dwelling when compared with Quarter 1 (Jan to Mar) 2017.

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

Business investment annual growth has now been falling since 2014 from 5.1% in 2014 to 3.7% in 2015 and negative 0.4% in 2016 – the weakest annual growth since 2009 (negative 16.4%) (Figure 6). Business investment annual growth for 2016 has been revised up from negative 1.5 to negative 0.4 percentage points. This upward revision was mainly due to changes to the transport equipment asset previously outlined in section 3 of this bulletin, as well as a higher level of investment in other buildings and structures.

Figure 6: Annual business investment levels and growth, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

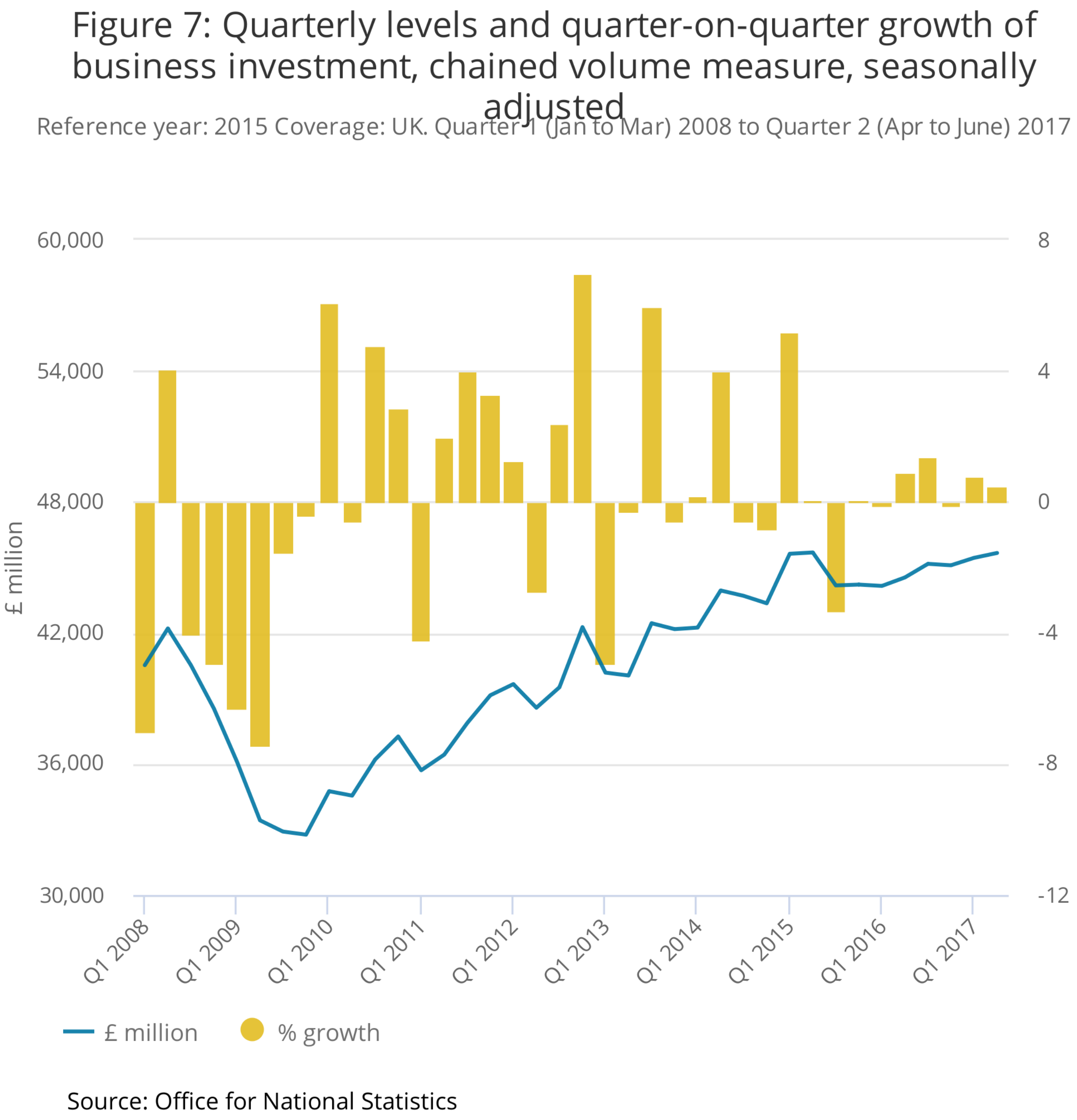
1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

2. The data in this chart covers 1997 to 2016.

Figure 7 shows that business investment has remained broadly unchanged since Quarter 1 (Jan to Mar) 2016. 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 Sep) 2016 (1.4%) and two quarters of more negative growth in Quarter 1 2016 (negative 0.1%) and Quarter 4 (Oct to Dec) 2016 (negative 0.1%).

Figure 7: Quarterly levels and quarter-on-quarter growth of business investment, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK. Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2017



Source: Office for National Statistics

Notes:

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

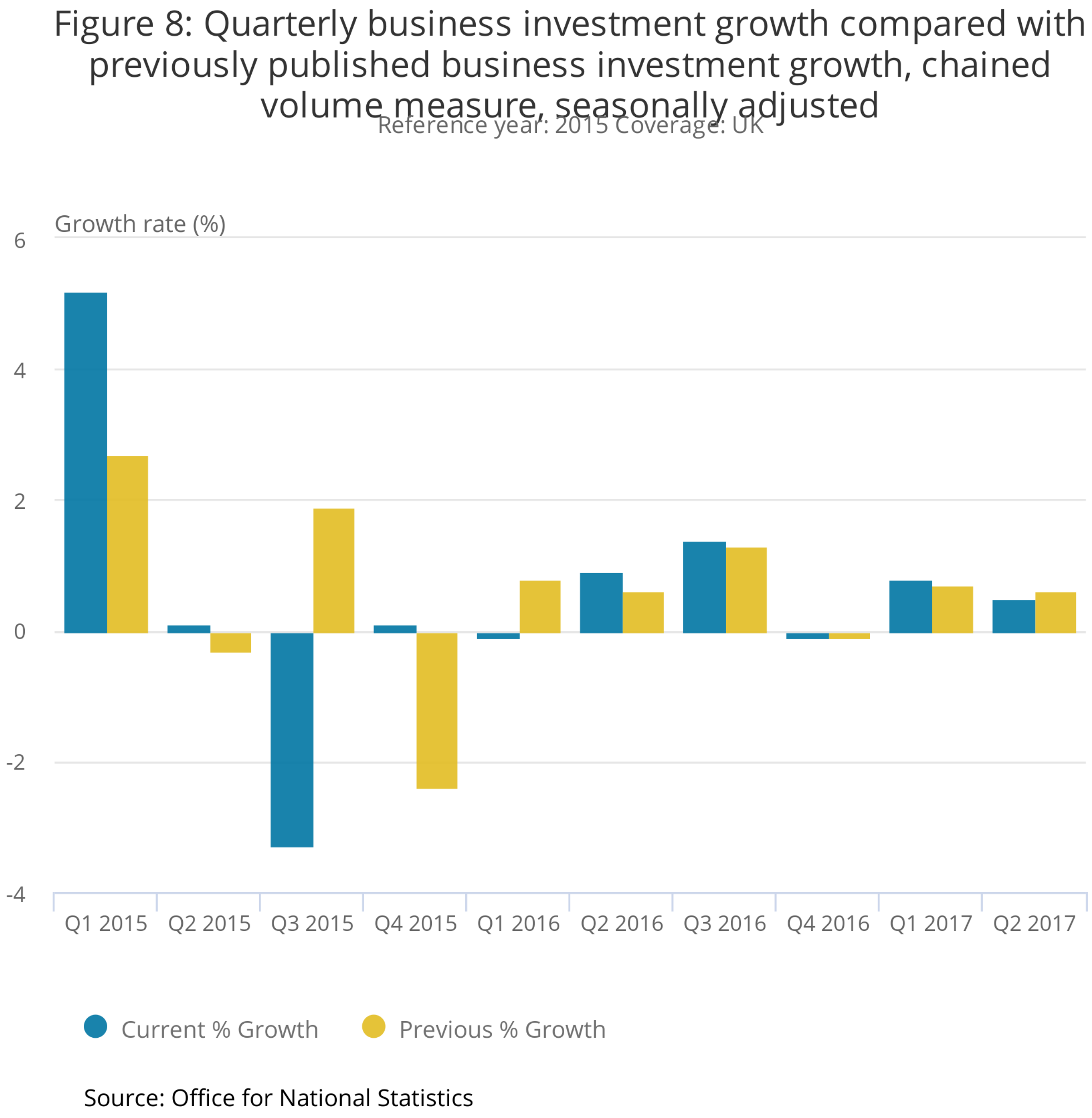
2. The data in this chart covers Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2017.

Figure 8 shows quarterly business investment growth compared with previously published. The large revisions to growth in 2015 and 2016 are due to revisions to the underlying transport equipment asset which have changed the profile of the series and subsequently the seasonally adjusted path.

The revisions to growth in 2017 Quarter 2 are largely due to the Blue Book improvements outlined in section 3. The assets which are having the greatest impact on the revision to business investment growth in this quarter are transport equipment and ICT equipment and other machinery and equipment.

Figure 8: Quarterly business investment growth compared with previously published business investment growth, chained volume measure, seasonally adjusted

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

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

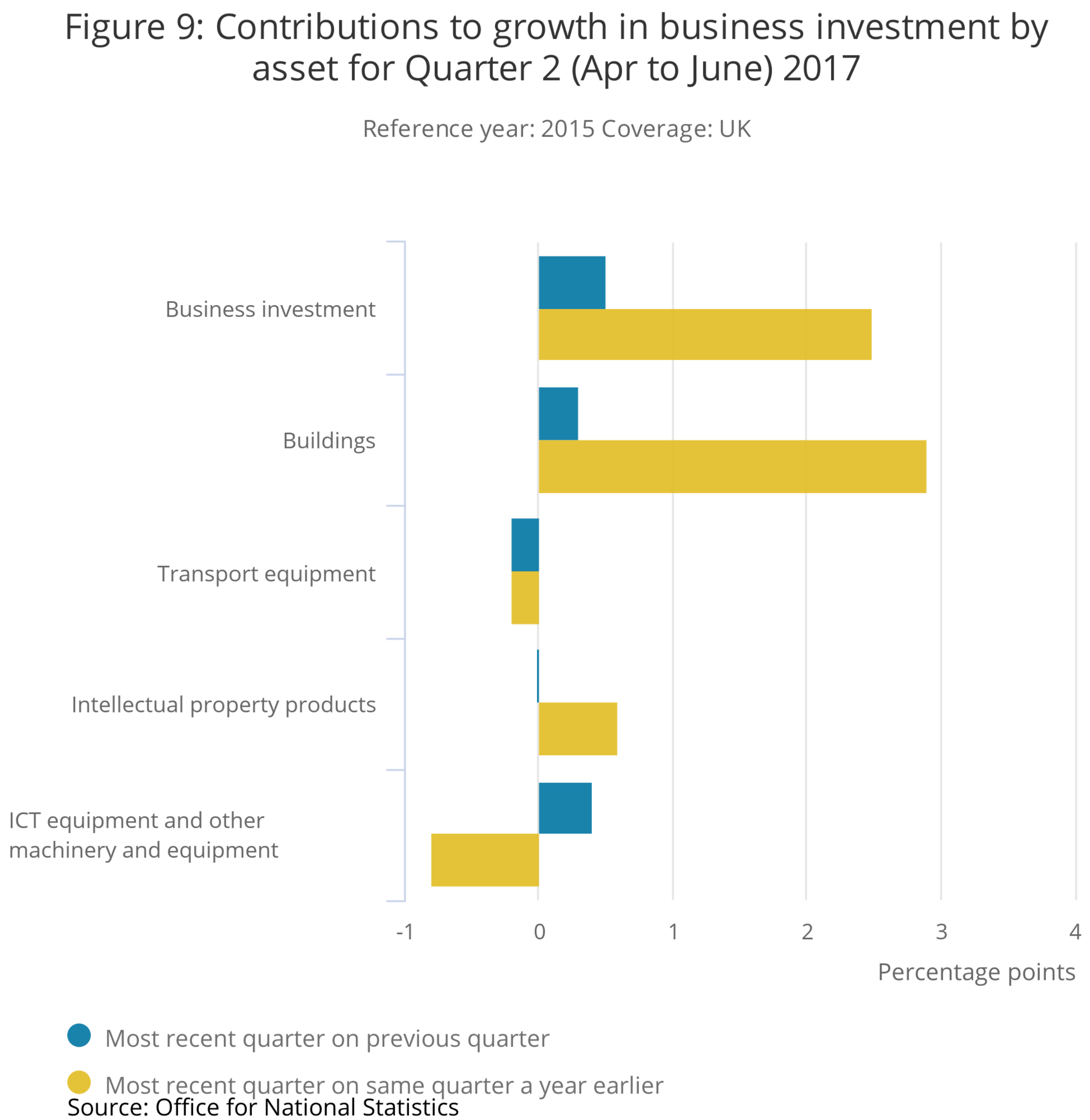
2. The data in this chart covers Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2017.

9 . Asset contributions to business investment in Quarter 2 (Apr to June) 2017?

The assets that contributed positively to the 0.5% increase in business investment between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017 were information and communication technology (ICT) equipment and other machinery and equipment and buildings. These contributed 0.4 and 0.3 percentage points to growth respectively. This was slightly offset by a fall in transport equipment of negative 0.2 percentage points.

Figure 9: Contributions to growth in business investment by asset for Quarter 2 (Apr to June) 2017

Reference year: 2015 Coverage: UK



Source: Office for National Statistics

Notes:

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

2. The data in this chart covers Quarter 2 (Apr to June) 2017.

Quarter on same quarter a year ago data show that business investment has increased by 2.5% compared with Quarter 2 2016. Other buildings and structures and intellectual property products both showed positive contributions compared with Quarter 2 2016. The largest of these was other buildings and structures, which contributed 2.9 percentage points. Positive contributions in these assets were slightly offset by a negative 0.8 percentage points contribution from ICT equipment and other machinery and equipment and transport equipment.

10 . Business investment in the wider economy

Quarter 2 (Apr to June) 2017 marks one year since the UK voted to leave the EU. The Bank of England recently stated that investment intentions had “strengthened a little further” in its most recent Agents’ summary of business conditions. However, it is also noted in the publication that heightened uncertainty is playing a part in some firms’ unwillingness to invest. In its most recent inflation report, 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, the supply of lending to firms was found to have remained broadly unchanged in Quarter 2 2017, and no change is expected leading in to Quarter 3 (July to Sept) 2017. Lenders reported increased demand for both small and medium-sized firms over Quarter 2 2017, the first increase reported for either since Quarter 2 2016. However, demand for credit from large firms “fell significantly” in the same period and this is expected to continue into Quarter 3 2017.

11 . What’s new in this release

Alongside this business investment release we are publishing headline business investment data prior to 1997, consistent with Blue Book 2017 estimates. This time series goes back to 1965 and contains business investment current price seasonally adjusted and chained volume measure seasonally adjusted data. These pre-1997 data are to be regarded as indicative only, due to methodological limitations. They do not, for example, reflect any impact that the introduction of annual methods improvements, might have had on the annual and quarterly path of Business Investment, such as the inclusion of research and development. These limitations have been explained in more detail within the spreadsheet, which can be found in the User requested data section of our website.

12 . 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

13 . 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. This is the first time the improved methodology can be seen throughout the time series.

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. We have removed the bias adjustment from our provisional results published in August.

Survey response rates

Table 2 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 2 (Apr to June) 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 2 (Apr to June) 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

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)

GROSS FIXED CAPITAL FORMATION TABLES BY SECTOR AND TYPE OF ASSET

G1 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
1997 Q1	32 995	5 328	1 192	155	13 946	2 286	55 363	3 167	10 520	15 049	17 087	10 120	55 363
1997 Q2	34 610	5 308	790	191	13 865	2 986	57 665	3 060	10 704	14 536	19 854	10 256	57 665
1997 Q3	36 015	5 664	727	141	14 373	2 260	59 067	3 171	11 318	14 969	19 903	10 457	59 067
1997 Q4	36 672	5 347	719	127	15 644	2 395	60 519	3 188	11 537	16 214	20 391	10 356	60 519
1998 Q1	37 479	5 718	787	112	14 526	1 930	60 678	3 816	11 377	15 183	21 105	10 098	60 678
1998 Q2	37 655	6 112	816	120	14 970	2 132	61 737	3 402	12 223	15 655	21 080	10 169	61 737
1998 Q3	37 904	5 806	902	144	14 455	2 284	61 733	3 315	11 543	15 239	22 231	10 375	61 733
1998 Q4	39 696	6 036	807	110	14 609	2 054	63 722	3 751	12 357	15 290	22 194	10 683	63 722
1999 Q1	38 976	5 920	702	165	14 143	2 759	63 284	3 237	12 141	14 717	22 576	10 878	63 284
1999 Q2	38 092	6 724	869	130	14 611	2 553	63 126	2 411	12 084	15 378	23 245	11 040	63 126
1999 Q3	39 424	6 040	612	183	14 946	3 172	64 690	2 499	12 142	15 435	24 025	11 434	64 690
1999 Q4	37 778	5 832	780	190	14 632	3 454	62 898	2 715	10 551	15 305	23 836	11 505	62 898
2000 Q1	39 454	5 828	510	152	15 610	3 586	65 371	2 453	12 005	15 993	24 031	11 754	65 371
2000 Q2	41 842	6 862	657	181	15 531	3 634	69 149	2 720	14 203	16 070	24 042	12 054	69 149
2000 Q3	38 686	5 227	733	120	15 268	2 173	62 965	2 521	11 312	15 887	21 959	11 743	62 965
2000 Q4	39 285	6 151	730	141	15 020	3 102	64 676	3 012	11 474	15 640	23 615	11 801	64 676
2001 Q1	38 502	5 608	905	240	14 855	3 307	63 699	2 260	11 207	15 689	23 587	11 848	63 699
2001 Q2	38 242	7 960	1 071	233	14 565	3 538	65 797	3 259	10 960	15 552	25 314	11 696	65 797
2001 Q3	36 986	7 232	1 139	259	14 960	3 715	64 328	3 151	11 172	16 031	23 000	11 629	64 328
2001 Q4	35 015	7 367	1 124	250	14 508	3 401	61 608	2 485	11 432	15 558	20 691	11 739	61 608
2002 Q1	36 099	6 597	1 256	282	14 874	3 634	62 651	3 645	11 780	16 069	19 833	11 510	62 651
2002 Q2	37 021	7 655	1 001	288	15 542	3 834	65 649	4 316	11 670	16 446	21 325	11 644	65 649
2002 Q3	36 504	7 740	1 091	300	15 807	4 122	65 289	4 277	11 955	16 812	20 693	11 760	65 289
2002 Q4	37 992	8 186	1 460	543	17 194	4 228	69 066	4 447	12 511	18 553	22 377	11 750	69 066
2003 Q1	38 292	8 800	1 785	508	15 935	3 657	68 834	4 160	12 704	17 666	22 948	11 692	68 834
2003 Q2	35 432	8 492	1 187	406	16 888	3 737	65 673	3 358	11 507	18 046	21 692	11 773	65 673
2003 Q3	35 077	8 106	1 337	388	17 352	3 875	65 529	3 751	12 023	18 607	19 661	11 821	65 529
2003 Q4	34 655	8 085	1 234	399	18 036	4 169	65 799	3 354	11 669	19 177	20 732	11 575	65 799
2004 Q1	35 586	8 860	1 116	428	18 122	5 001	68 371	3 317	12 188	19 163	22 668	11 727	68 371
2004 Q2	33 700	11 102	1 211	585	17 660	5 219	68 683	3 304	12 579	18 766	22 820	11 706	68 683
2004 Q3	33 852	9 818	1 190	472	18 122	4 825	67 433	3 105	12 025	19 207	21 298	12 275	67 433
2004 Q4	34 257	10 119	1 170	444	18 113	4 315	67 567	3 046	12 229	19 172	20 989	12 620	67 567
2005 Q1	34 361	11 544	1 076	275	17 976	4 199	68 591	2 709	12 037	18 950	22 443	13 036	68 591
2005 Q2	55 996	- 7 822	1 172	367	18 264	4 539	73 870	3 161	12 401	19 294	23 640	13 646	73 870
2005 Q3	37 050	10 697	1 246	425	17 997	4 979	71 786	3 035	12 881	19 113	23 805	13 409	71 786
2005 Q4	36 268	10 533	1 232	450	17 719	5 713	71 441	3 043	12 284	18 821	23 856	13 623	71 441
2006 Q1	36 737	10 385	1 414	509	17 704	6 094	72 491	3 437	12 419	18 995	24 431	13 218	72 491
2006 Q2	37 006	10 667	1 117	395	17 490	5 464	71 793	2 919	12 948	18 465	24 582	13 070	71 793
2006 Q3	39 118	10 643	1 243	409	17 018	5 579	73 810	3 393	13 657	18 142	25 035	13 585	73 810
2006 Q4	39 869	10 767	1 172	406	17 015	6 077	75 205	3 728	13 753	18 060	25 653	13 843	75 205
2007 Q1	40 629	10 251	1 206	426	17 587	6 143	76 096	3 140	14 529	18 653	25 708	14 007	76 096
2007 Q2	42 047	10 803	1 101	375	17 448	6 077	77 793	3 241	14 250	18 408	27 413	14 266	77 793
2007 Q3	40 407	10 126	1 077	362	16 847	6 453	75 225	2 923	14 320	17 790	25 929	14 173	75 225
2007 Q4	43 555	12 136	1 074	314	17 073	5 430	79 497	3 017	14 882	18 010	28 627	14 851	79 497
2008 Q1	40 524	12 288	1 130	317	16 780	4 555	75 340	1 930	14 511	17 787	26 485	14 822	75 340
2008 Q2	42 204	12 694	1 099	302	16 242	4 443	76 756	3 311	14 799	17 220	26 668	14 912	76 756
2008 Q3	40 525	12 494	2 153	196	13 561	2 678	71 360	3 058	13 967	15 712	24 236	14 697	71 360
2008 Q4	38 535	13 709	2 134	144	13 029	1 985	69 265	3 047	13 208	15 168	23 658	14 473	69 265
2009 Q1	36 105	13 997	2 098	120	11 820	2 207	66 176	2 550	12 384	13 937	23 420	14 108	66 176
2009 Q2	33 418	12 989	2 048	151	10 979	2 404	61 881	2 604	10 700	13 108	21 829	13 689	61 881
2009 Q3	32 902	14 435	2 071	173	10 912	2 245	62 627	2 672	10 924	12 979	22 413	13 664	62 627
2009 Q4	32 762	14 317	2 105	187	10 005	2 416	61 748	2 388	10 755	12 157	22 823	13 605	61 748
2010 Q1	34 751	14 581	2 085	156	10 601	2 412	64 512	2 965	11 005	12 724	23 658	14 167	64 512
2010 Q2	34 549	13 917	2 054	177	11 612	2 569	64 751	2 602	11 941	13 691	22 004	14 564	64 751
2010 Q3	36 204	13 999	2 034	175	12 133	2 567	66 974	3 545	12 127	14 182	22 566	14 559	66 974
2010 Q4	37 257	13 720	1 986	160	12 151	2 463	67 621	4 567	12 464	14 142	21 958	14 376	67 621
2011 Q1	35 710	14 321	2 010	148	12 103	2 622	66 762	2 000	12 279	14 146	24 061	14 501	66 762
2011 Q2	36 426	12 880	1 964	132	12 324	2 506	66 132	2 032	13 112	14 280	22 652	14 234	66 132
2011 Q3	37 876	13 168	1 855	120	12 311	2 413	67 670	1 984	13 691	14 133	23 274	14 765	67 670
2011 Q4	39 144	12 807	1 813	121	12 564	2 605	69 009	2 461	14 014	14 348	23 713	14 619	69 009
2012 Q1	39 655	12 597	1 790	115	12 410	2 712	69 280	2 785	13 623	14 186	24 118	14 633	69 280
2012 Q2	38 573	13 262	1 756	120	11 734	2 629	68 009	2 307	12 590	13 549	24 895	14 854	68 009
2012 Q3	39 510	11 691	1 691	115	11 636	2 615	67 247	2 373	12 460	13 376	24 295	14 898	67 247
2012 Q4	42 264	11 799	1 656	112	11 978	2 791	70 627	2 870	13 421	13 676	25 272	15 507	70 627
2013 Q1	40 181	10 472	1 612	128	12 072	3 053	67 539	2 105	13 595	13 684	22 934	15 306	67 539
2013 Q2	40 049	12 355	1 664	127	13 084	3 120	70 298	2 338	12 094	14 749	25 753	15 516	70 298
2013 Q3	42 444	12 291	1 617	134	13 277	3 425	73 169	3 463	13 511	14 893	25 877	15 479	73 169
2013 Q4	42 173	12 519	1 599	146	13 453	3 694	73 556	3 328	13 592	15 050	26 103	15 523	73 556
2014 Q1	42 243	13 487	1 685	156	13 943	3 622	75 110	3 291	13 899	15 627	26 671	15 681	75 110
2014 Q2	43 943	12 341	1 936	172	13 732	3 958	76 107	4 134	15 018	15 669	25 856	15 426	76 107
2014 Q3	43 697	12 921	1 981	168	14 319	3 886	76 974	4 491	15 119	16 302	25 741	15 292	76 974
2014 Q4	43 356	12 998	2 021	167	14 240	3 771	76 544	4 397	14 860	16 263	25 446	15 552	76 544
2015 Q1	45 624	12 887	2 100	173	14 396	3 531	78 709	6 291	14 222	16 496	26 932	14 733	78 709
2015 Q2	45 685	13 159	1 821	164	15 314	3 658	79 802	5 467	15 012	17 135	26 780	15 427	79 802
2015 Q3	44 175	12 339	1 834	173	14 996	3 777	77 293	4 948	14 129	16 830	26 320	15 076	77 293
2015 Q4	44 213	11 902	1 769	177	15 271	4 052	77 385	5 271	14 203	17 040	25 937	14 940	77 385
2016 Q1	44 151	11 726	1 761	164	15 615	4 404	77 821	6 062	13 355	17 385	25 939	15 080	77 821
2016 Q2	44 540	12 970	2 047	207	15 629	3 922	79 315	6 466	13 883	17 689	26 151	15 126	79 315
2016 Q3	45 163	13 268	1 868	168	15 505	3 995	79 967	7 238	13 468	17 388	26 771	15 102	79 967
2016 Q4	45 097	13 056	1 899	181	15 767	4 283	80 283	6 742	13 416	17 681	27 302	15 142	80 283
2017 Q1	45 437	12 416	1 931	154	16 292	4 485	80 715	6 497	12 854	18 240	28 022	15 102	80 715
2017 Q2	45 661	13 178	1 929	232	15 996	4 187	81 183	6 398	13 890	17 941	27 850	15 104	81 183

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.

G2 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7P	KH9C	L64U	L64X	L655	L652	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	3.0	0.2	2.0	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	0.3	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	-0.3	-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

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.

G3 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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7S	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

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G4 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEL	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	10 011	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	15 018	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 [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N
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.

G5 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
1997 Q1	32 812	7 516	1 631	199	13 663	1 924	57 125	3 444	10 485	15 241	18 849	10 054	57 125
1997 Q2	33 809	3 841	480	152	14 038	2 967	55 108	3 263	9 985	14 375	17 891	10 188	55 108
1997 Q3	35 322	5 041	694	133	14 572	2 486	58 000	3 148	10 924	15 130	19 279	10 360	58 000
1997 Q4	38 347	5 250	623	130	15 555	2 549	62 381	2 731	12 685	16 023	21 216	10 586	62 381
1998 Q1	37 600	8 064	1 208	146	14 269	1 567	63 027	4 095	11 727	15 380	22 693	10 078	63 027
1998 Q2	36 481	4 320	533	95	15 118	2 100	58 405	3 660	11 040	15 497	18 980	10 076	58 405
1998 Q3	37 139	5 349	845	135	14 676	2 520	60 711	3 293	11 172	15 396	21 685	10 273	60 711
1998 Q4	41 513	5 938	725	111	14 498	2 212	65 727	3 237	13 562	15 093	23 252	10 899	65 727
1999 Q1	39 133	8 287	1 121	209	13 906	2 419	65 699	3 404	12 527	14 929	24 378	10 875	65 699
1999 Q2	36 989	4 977	615	98	14 736	2 470	59 886	2 738	10 974	15 230	20 993	10 938	59 886
1999 Q3	38 643	5 515	511	168	15 197	3 459	63 650	2 464	11 804	15 574	23 441	11 305	63 650
1999 Q4	39 505	5 738	717	193	14 494	3 591	64 763	2 255	11 612	15 102	24 871	11 739	64 763
2000 Q1	39 511	8 155	968	194	15 399	3 264	67 715	2 488	12 548	16 266	25 625	11 713	67 715
2000 Q2	40 738	4 833	397	139	15 623	3 488	65 541	3 200	12 876	15 885	21 528	11 951	65 541
2000 Q3	37 851	5 046	582	114	15 549	2 525	62 250	2 470	11 019	16 007	21 740	11 610	62 250
2000 Q4	41 167	6 034	684	147	14 858	3 218	66 655	2 549	12 550	15 432	24 754	12 078	66 655
2001 Q1	38 277	8 139	1 438	306	14 676	2 972	66 017	2 155	11 719	16 072	25 305	11 816	66 017
2001 Q2	37 572	5 768	756	175	14 612	3 341	62 364	3 903	9 816	15 268	22 603	11 604	62 364
2001 Q3	36 107	6 951	940	244	15 229	4 107	63 484	3 038	10 895	16 088	22 684	11 506	63 484
2001 Q4	36 790	7 311	1 105	257	14 372	3 541	63 567	2 058	12 342	15 403	21 999	11 986	63 567
2002 Q1	35 363	9 200	1 850	360	14 705	3 256	64 486	3 476	12 027	16 522	21 439	11 460	64 486
2002 Q2	36 803	5 789	616	211	15 547	3 632	62 900	5 044	10 850	16 050	18 962	11 566	62 900
2002 Q3	35 805	7 289	866	285	16 049	4 555	64 520	4 199	11 683	16 817	20 377	11 649	64 520
2002 Q4	39 644	7 900	1 477	557	17 115	4 377	70 749	3 967	13 356	18 492	23 450	11 989	70 749
2003 Q1	37 860	11 299	2 394	635	15 750	3 230	70 986	3 970	13 460	18 108	24 007	11 702	70 986
2003 Q2	34 783	6 482	757	285	16 882	3 518	62 172	3 964	10 207	17 600	19 484	11 642	62 172
2003 Q3	34 642	7 672	1 124	371	17 531	4 343	65 054	3 712	11 834	18 566	19 584	11 705	65 054
2003 Q4	36 171	8 030	1 268	411	18 048	4 347	67 623	2 977	12 402	19 223	21 958	11 812	67 623
2004 Q1	35 042	12 320	1 717	547	17 904	4 530	71 211	3 217	12 997	19 561	24 387	11 766	71 211
2004 Q2	32 925	8 338	760	422	17 664	4 967	64 255	3 769	11 147	18 310	19 961	11 544	64 255
2004 Q3	33 713	9 262	1 016	482	18 248	5 339	67 243	3 143	11 863	19 154	21 364	12 159	67 243
2004 Q4	35 716	9 980	1 193	477	18 201	4 525	69 345	2 642	13 015	19 282	22 063	12 861	69 345
2005 Q1	33 354	15 210	1 687	352	17 731	3 671	71 025	2 497	12 517	19 344	24 273	13 124	71 025
2005 Q2	55 427	- 10 668	701	261	18 256	4 271	69 602	3 680	11 184	18 795	20 672	13 438	69 602
2005 Q3	37 167	10 064	1 120	432	18 089	5 543	71 863	3 137	12 745	19 072	24 036	13 273	71 863
2005 Q4	37 729	10 345	1 218	471	17 882	5 945	73 198	2 633	13 157	18 968	24 764	13 880	73 198
2006 Q1	35 716	14 053	2 054	616	17 402	5 505	74 929	3 116	13 110	19 374	25 980	13 413	74 929
2006 Q2	36 240	7 987	617	268	17 467	5 203	67 374	3 499	11 376	17 913	22 000	12 786	67 374
2006 Q3	39 304	9 879	1 141	414	17 118	6 191	73 914	3 526	13 548	18 132	25 230	13 394	73 914
2006 Q4	41 468	10 543	1 134	422	17 241	6 315	77 082	3 336	14 742	18 242	26 490	14 123	77 082
2007 Q1	39 614	14 152	1 871	505	17 201	5 492	78 666	2 796	15 299	18 983	27 338	14 256	78 666
2007 Q2	40 906	7 943	571	258	17 416	5 851	72 810	3 766	12 402	17 809	24 725	13 900	72 810
2007 Q3	40 599	9 223	983	381	16 983	7 098	75 280	2 989	14 199	17 823	26 095	13 992	75 280
2007 Q4	45 519	11 998	1 033	335	17 356	5 661	81 855	2 769	16 082	18 245	29 518	15 150	81 855
2008 Q1	39 238	16 687	1 789	379	16 283	3 860	78 016	1 538	14 987	18 011	28 628	15 092	78 016
2008 Q2	41 305	9 498	559	210	16 222	4 280	71 756	3 805	13 313	16 616	23 627	14 513	71 756
2008 Q3	40 809	11 570	2 059	214	13 736	3 319	71 512	3 099	13 978	15 783	24 377	14 523	71 512
2008 Q4	40 436	13 431	2 109	155	13 371	2 202	71 437	2 904	14 207	15 478	24 415	14 777	71 437
2009 Q1	35 312	18 566	2 723	142	11 207	1 484	69 288	2 395	13 205	14 014	25 509	14 432	69 288
2009 Q2	32 397	9 844	1 522	104	10 964	2 320	56 984	2 869	9 249	12 520	19 088	13 256	56 984
2009 Q3	33 133	13 435	1 978	187	11 140	2 852	62 647	2 608	10 908	13 103	22 536	13 491	62 647
2009 Q4	34 344	13 894	2 098	198	10 404	2 616	63 513	2 341	11 402	12 543	23 352	13 886	63 513
2010 Q1	34 005	19 484	2 657	183	9 858	1 672	67 753	2 752	11 846	12 610	25 992	14 596	67 753
2010 Q2	33 272	10 606	1 562	121	11 646	2 550	59 636	2 873	10 332	13 193	19 220	14 008	59 636
2010 Q3	36 291	12 978	1 948	193	12 409	3 113	66 798	3 409	12 081	14 362	22 583	14 391	66 798
2010 Q4	39 192	13 149	1 992	171	12 583	2 676	69 671	4 645	13 278	14 575	22 390	14 671	69 671
2011 Q1	34 859	19 365	2 522	172	11 268	1 873	69 788	1 775	13 109	13 859	26 436	14 954	69 788
2011 Q2	34 987	9 672	1 514	90	12 401	2 532	61 132	2 205	11 386	13 880	20 073	13 685	61 132
2011 Q3	37 978	12 055	1 778	131	12 633	2 898	67 429	1 924	13 640	14 370	23 111	14 549	67 429
2011 Q4	41 333	12 085	1 828	129	13 001	2 843	71 224	2 573	14 962	14 798	24 081	14 932	71 224
2012 Q1	38 875	17 842	2 239	132	11 503	1 952	72 406	2 517	14 588	13 752	26 714	15 055	72 406
2012 Q2	37 044	10 023	1 350	83	11 868	2 680	63 027	2 474	10 772	13 259	22 368	14 241	63 027
2012 Q3	39 477	10 488	1 631	126	11 982	3 053	66 785	2 305	12 404	13 657	23 831	14 716	66 785
2012 Q4	44 605	10 996	1 675	121	12 405	3 062	72 945	3 038	14 330	14 120	25 667	15 880	72 945
2013 Q1	38 913	15 872	2 013	145	11 133	2 283	70 258	1 717	14 321	13 157	25 570	15 704	70 258
2013 Q2	39 029	9 107	1 273	87	13 239	3 187	65 866	2 598	10 618	14 505	23 266	14 937	65 866
2013 Q3	42 281	10 947	1 585	146	13 648	3 846	72 468	3 347	13 420	15 229	25 247	15 264	72 468
2013 Q4	44 625	11 711	1 622	156	13 865	3 976	75 970	3 573	14 434	15 485	26 584	15 919	75 970
2014 Q1	41 212	18 631	2 048	179	12 971	2 846	77 783	2 879	14 922	15 022	28 979	16 106	77 783
2014 Q2	42 818	9 285	1 543	119	13 923	4 031	71 776	4 443	13 337	15 463	23 641	14 821	71 776
2014 Q3	43 329	11 592	1 975	185	14 714	4 300	76 119	4 329	14 952	16 690	25 060	15 056	76 119
2014 Q4	45 880	12 238	2 057	180	14 627	4 060	79 057	4 661	15 684	16 685	26 033	15 967	79 057
2015 Q1	44 538	18 087	2 438	198	13 419	2 745	81 406	5 754	15 317	15 857	29 403	15 073	81 406
2015 Q2	44 513	10 013	1 409	113	15 513	3 737	75 307	5 900	13 161	16 922	24 494	14 805	75 307
2015 Q3	43 693	11 063	1 851	188	15 411	4 194	76 409	4 790	13 872	17 262	25 599	14 895	76 409
2015 Q4	46 953	11 125	1 825	188	15 635	4 342	80 067	5 533	15 216	17 460	26 473	15 404	80 067
2016 Q1	42 325	16 146	2 256	167	14 604	3 857	79 355	5 348	13 540	16 913	28 212	15 342	79 355
2016 Q2	44 579	10 472	1 561	172	15 931	3 980	76 695	7 198	12 924	17 492	24 326	14 755	76 695
2016 Q3	45 218	12 236	1 854	184	15 837	4 240	79 569	7 309	13 423	17 690	26 269	14 878	79 569
2016 Q4	46 829	12 166	1 904	197	16 144	4 527	81 767	6 653	14 235	18 048	27 356	15 475	81 767
2017 Q1	44 181	17 187	2 283	170	15 469	3 920	83 210	5 880	13 319	17 752	30 847	15 412	83 210
2017 Q2	45 357	10 846	1 573	182	16 134	4 202	78 294	6 816	13 035	17 707	25 837	14 899	78 294

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.

G6 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
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	-33.7	-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

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.

G7 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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
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	-1.6	-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

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.

G8 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
1997	140 291	21 647	3 428	613	57 829	9 927	232 614	12 586	44 079	60 768	77 234	41 189	232 614
1998	152 733	23 672	3 312	487	58 560	8 399	247 870	14 285	47 500	61 366	86 610	41 326	247 870
1999	154 271	24 517	2 964	668	58 333	11 938	253 998	10 861	46 917	60 835	93 683	44 857	253 998
2000	159 267	24 068	2 630	595	61 429	12 494	262 161	10 706	48 993	63 589	93 647	47 352	262 161
2001	148 746	28 168	4 239	982	58 889	13 961	255 432	11 155	44 771	62 830	92 592	46 911	255 432
2002	147 616	30 178	4 808	1 413	63 416	15 819	262 655	16 685	47 915	67 881	84 228	46 664	262 655
2003	143 456	33 482	5 543	1 700	68 211	15 438	265 835	14 623	47 903	73 496	85 033	46 861	265 835
2004	137 395	39 899	4 686	1 928	72 017	19 361	272 054	12 771	49 021	76 308	87 775	48 328	272 054
2005	163 676	24 951	4 726	1 516	71 957	19 430	285 688	11 947	49 603	76 178	93 745	53 715	285 688
2006	152 728	42 462	4 946	1 719	69 227	23 214	293 299	13 477	52 776	73 661	99 700	53 716	293 299
2007	166 637	43 316	4 457	1 478	68 955	24 102	308 611	12 320	57 982	72 860	107 677	57 298	308 611
2008	161 788	51 185	6 516	959	59 612	13 661	292 721	11 346	56 485	65 887	101 047	58 905	292 721
2009	135 186	55 739	8 322	631	43 715	9 272	252 432	10 213	44 763	52 180	90 485	55 066	252 432
2010	142 760	56 217	8 159	668	46 496	10 011	263 858	13 679	47 537	54 740	90 186	57 666	263 858
2011	149 156	53 177	7 642	521	49 303	10 146	269 573	8 477	53 097	56 907	93 700	58 120	269 573
2012	160 001	49 349	6 894	462	47 758	10 747	275 163	10 335	52 094	54 788	98 580	59 892	275 163
2013	164 847	47 638	6 493	535	51 886	13 292	284 562	11 234	52 793	58 376	100 667	61 824	284 562
2014	173 240	51 747	7 624	663	56 235	15 237	304 735	16 312	58 896	63 859	103 714	61 951	304 735
2015	179 697	50 287	7 523	687	59 978	15 018	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

Not seasonally adjusted

Chained Volume Measures

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998	8.9	9.4	-3.4	-20.6	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	-11.3	-10.9	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	65.0	-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	10.9	15.3	20.3	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	13.4	5.6	25.4	2.3	-12.7	2.3	3.8	3.2	3.1	2.3
2005	19.1	-37.5	0.9	-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	13.4	-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	-35.1	-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	3.0	2.1
2013	3.0	-3.5	-5.8	15.8	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	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

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

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

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

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

G9 Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level

£ million

	Sector [6]							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [7]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [7]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
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	2 331	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	11 686	1 770	165	15 724	4 418	78 660	6 220	13 587	17 547	26 088	15 218	78 660
2016 Q2	45 214	13 181	2 040	208	15 840	3 950	80 433	6 344	14 133	17 880	26 726	15 350	80 433
2016 Q3	46 000	13 683	1 920	170	15 819	4 019	81 611	6 966	14 015	17 739	27 521	15 370	81 611
2016 Q4	45 838	13 213	1 968	182	16 166	4 359	81 726	6 245	14 099	18 134	27 786	15 462	81 726
2017 Q1	46 749	12 369	2 004	155	16 797	4 483	82 557	6 104	13 857	18 801	28 391	15 404	82 557
2017 Q2	47 093	13 399	1 989	235	16 569	4 224	83 509	6 062	15 058	18 558	28 394	15 437	83 509

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 Due to a production error, in some quarters before 2012 the current price, seasonally adjusted sector breakdown is not additive. This does not affect the total for GFCF.

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

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

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

G10 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	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	-1.5
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	-2.5	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	-2.3	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	7.3
2008 Q1	-6.7	3.4	16.0	-0.3	0.8	-15.5	-4.0	-40.4	-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	-5.7	-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	9.6	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

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G11 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	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

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G12 Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million

	Sector		Public corporations [2]		Private sector			Asset					
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
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	17 875	1 529	523	28 208	9 273	183 734	10 351	46 974	29 768	59 452	37 188	183 734
2000	132 950	18 285	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	26 288	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	20 298	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	36 455	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	46 850	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	50 220	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	46 223	6 640	447	44 857	10 377	262 820	10 794	50 422	51 611	91 628	58 362	262 820
2013	161 409	45 718	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	15 053	300 965	16 435	56 716	63 750	102 610	61 455	300 965
2015	179 697	50 288	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		Public corporations [2]		Private sector			Asset					
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O
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	19.0	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	10.6	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	16.7	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	-4.3	-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	16.8	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

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

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

G13 Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level

£ million

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX
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	11 005	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	28 559	15 451	79 795
2016 Q2	45 270	10 636	1 587	174	16 189	4 017	77 873	7 067	13 233	17 776	24 836	14 961	77 873
2016 Q3	46 000	12 461	1 890	186	16 140	4 290	80 967	7 147	13 767	18 030	26 876	15 147	80 967
2016 Q4	48 177	12 385	1 950	198	16 523	4 562	83 795	6 368	15 263	18 473	27 850	15 841	83 795
2017 Q1	45 482	17 567	2 354	171	15 943	3 943	85 460	5 401	14 550	18 297	31 510	15 702	85 460
2017 Q2	46 881	11 109	1 635	185	16 762	4 259	80 831	6 418	14 362	18 397	26 427	15 227	80 831

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G14 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
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	1.7	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	20.1	-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	-5.3	-8.8	13.3	-13.2	-5.8	-14.7	-2.5	-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	0.5	-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	-9.1	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	-2.6	-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	-0.9	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

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G15 Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
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	-14.9	-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	-9.7	-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

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G16 Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX
1997	115 091	15 433	1 623	450	25 160	7 218	164 976	12 403	46 810	26 780	45 622	33 362	164 976
1998	124 540	17 079	1 632	370	26 703	6 330	176 654	13 674	47 942	28 333	52 792	33 913	176 654
1999	126 326	17 875	1 529	522	28 208	9 273	183 734	10 350	46 975	29 768	59 453	37 188	183 734
2000	132 949	18 285	1 421	478	31 202	9 965	194 299	10 130	49 248	32 678	62 950	39 293	194 299
2001	126 505	21 766	2 387	812	31 419	11 476	194 366	10 378	44 942	33 895	65 529	39 621	194 366
2002	127 130	23 758	2 837	1 195	36 137	13 294	204 351	15 827	45 773	39 055	63 238	40 458	204 351
2003	123 664	26 288	3 509	1 473	41 910	13 318	210 164	14 034	44 105	45 578	65 491	40 955	210 164
2004	117 902	31 853	3 235	1 719	47 164	17 200	219 072	12 124	44 202	50 515	70 236	41 996	219 072
2005	140 940	20 298	3 574	1 410	50 857	18 002	235 080	11 364	44 136	54 477	78 355	46 749	235 080
2006	134 361	36 455	4 048	1 659	52 295	22 368	251 186	12 859	45 458	56 352	88 618	47 898	251 186
2007	148 456	38 515	3 897	1 481	54 895	24 136	271 380	11 832	48 401	58 794	100 140	52 213	271 380
2008	148 740	46 850	6 142	951	50 782	13 532	266 997	11 232	48 273	56 938	95 264	55 291	266 997
2009	127 053	50 553	8 024	590	38 540	8 635	233 395	10 348	41 559	46 567	82 990	51 931	233 395
2010	133 081	50 220	7 721	626	41 193	9 345	242 186	13 917	44 755	48 909	79 748	54 857	242 186
2011	141 204	48 275	7 246	496	44 552	9 637	251 411	8 887	50 587	51 790	83 837	56 310	251 411
2012	154 277	46 223	6 640	447	44 856	10 377	262 820	10 795	50 423	51 611	91 629	58 362	262 820
2013	161 409	45 718	6 357	522	50 244	12 959	277 209	11 742	51 258	56 601	96 536	61 071	277 209
2014	170 552	50 954	7 617	655	56 133	15 054	300 965	16 435	56 716	63 750	102 609	61 455	300 965
2015	179 697	50 288	7 523	687	59 978	15 018	313 189	21 977	57 565	67 501	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							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998	8.2	10.7	0.6	-17.8	6.1	-12.3	7.1	10.2	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	-8.4	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	69.9	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	1.8	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	16.7	12.5	29.1	4.2	-13.6	0.2	10.8	7.2	2.5	4.2
2005	19.5	-36.3	10.5	-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	24.3	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	-38.0	-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	-20.8	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	16.8	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
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G1R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
1997 Q1	2605	-279	-66	942	-931	-2044	1609	253	-1071	-1087	2543	577	1609
1997 Q2	3419	-408	-131	1059	-406	-2241	1800	187	-1347	-656	3106	527	1800
1997 Q3	3226	-217	-113	898	-75	-2129	1697	264	-1357	-319	2823	522	1697
1997 Q4	2755	-354	-35	872	110	-2053	1756	257	-1152	-73	2516	360	1756
1998 Q1	2524	-556	-115	782	-365	-1995	799	132	-1677	-607	3515	22	799
1998 Q2	2466	30	-134	811	-536	-1932	1685	40	-1382	-801	4302	-62	1685
1998 Q3	2918	-505	-60	925	-530	-2313	828	146	-1398	-707	3101	-13	828
1998 Q4	2484	-401	2	751	-247	-1848	876	181	-1285	-371	2780	-15	876
1999 Q1	2292	-418	-94	1033	-430	-2487	599	105	-1614	-650	3241	-223	599
1999 Q2	2362	-178	-174	918	-189	-2188	1323	-40	-1486	-483	4048	-75	1323
1999 Q3	2807	-321	33	1132	-12	-2598	1075	-11	-1442	-123	3011	167	1075
1999 Q4	2468	-144	0	1172	234	-2723	964	55	-1240	105	2126	257	964
2000 Q1	2461	-270	-191	1204	142	-2841	1160	45	-1689	-204	3069	301	1160
2000 Q2	2724	498	-32	1210	200	-2598	2350	-39	-1832	21	4437	249	2350
2000 Q3	2382	-1340	36	949	124	-2998	-327	18	-1792	20	1290	213	-327
2000 Q4	1602	34	3	989	97	-2375	208	-100	-1734	-37	2498	184	208
2001 Q1	2213	-250	-96	1286	156	-2766	971	-86	-1256	-70	3298	-431	971
2001 Q2	1390	320	-193	1401	104	-3165	548	-145	-1280	-203	3484	-674	548
2001 Q3	1895	-373	22	1470	61	-3600	-496	27	-1132	-33	1587	- 724	-496
2001 Q4	831	-223	11	1361	121	-3679	-1505	122	-994	21	117	- 806	-1505
2002 Q1	1594	1	-38	1670	409	-3633	812	152	-688	260	1601	- 579	812
2002 Q2	1739	8	-95	1705	469	-4156	470	174	-659	245	899	- 606	470
2002 Q3	245	-205	0	1643	557	-3707	-1690	183	-1060	429	-517	- 748	-1690
2002 Q4	1548	34	-59	1875	625	-4085	-45	152	-1271	439	1298	- 624	-45
2003 Q1	1703	59	125	3850	508	-5689	560	186	-1587	527	2751	- 824	560
2003 Q2	-7	263	-164	3269	527	-4476	20	131	-2312	230	3404	- 985	20
2003 Q3	256	-3	-54	3348	523	-5274	-1338	97	-2188	336	1489	- 891	-1338
2003 Q4	-618	-218	-57	3241	537	-5392	-2807	-47	-2041	337	432	-1 240	-2807
2004 Q1	-1898	-385	-33	3278	594	-5136	-3669	123	-4078	416	1382	-1 155	-3669
2004 Q2	-219	1149	-125	3495	631	-5 674	68	41	-1560	366	2 290	-1010	68
2004 Q3	870	-169	0	2961	633	-5385	-1012	53	-1205	489	316	- 741	-1012
2004 Q4	1489	-353	-34	2440	739	-4559	-619	-69	-1280	562	562	- 398	-619
2005 Q1	399	43	-28	1644	876	-4889	-1351	-53	-1385	700	- 39	- 524	-1351
2005 Q2	1866	904	- 106	1490	1081	-3934	2395	101	-1094	827	2 324	- 361	2395
2005 Q3	1107	-82	-69	1700	1068	-5173	-1219	104	-1417	860	- 470	- 315	-1219
2005 Q4	1659	272	-58	1746	1102	-5405	-1214	144	-1292	906	- 852	- 273	-1214
2006 Q1	1942	363	13	1813	1152	-6202	-310	252	-879	1037	- 560	- 474	-310
2006 Q2	724	872	-92	1425	1208	-5102	348	26	-1223	976	919	- 508	348
2006 Q3	1087	-4	-148	1359	1027	-5104	-1407	-72	-1328	752	- 566	- 371	-1407
2006 Q4	1853	290	-113	1382	1041	-5502	-1453	68	-1172	797	-1 072	- 349	-1453
2007 Q1	1462	-299	-90	1408	1233	-5736	-1158	109	-1190	1006	- 811	- 516	-1158
2007 Q2	1028	163	-56	1365	1318	-6746	-1454	53	-1267	1119	-1 253	- 301	-1454
2007 Q3	1409	192	-116	1170	1052	-4 753	-849	60	-1285	798	- 362	-265	-849
2007 Q4	2066	1099	-98	1088	1159	-5593	-923	28	-1310	919	-401	-220	-923
2008 Q1	-390	1	-105	1045	884	-4045	-1179	-241	-1411	645	498	-654	-1179
2008 Q2	1111	717	-57	813	956	-2517	1319	-71	-1574	772	2562	- 432	1319
2008 Q3	810	682	1066	550	-728	-2213	-252	49	-1265	335	1273	- 507	-252
2008 Q4	1314	803	1065	404	-687	-1568	258	67	-789	381	1457	- 659	258
2009 Q1	1189	656	1036	197	-478	-376	2650	85	-267	581	2992	- 608	2650
2009 Q2	215	999	973	249	-370	-693	2044	-56	-629	635	2646	- 516	2044
2009 Q3	-25	1026	931	281	-667	-1193	-41	-158	-827	299	1362	- 644	-41
2009 Q4	293	954	924	298	-813	-1137	-320	-127	-1035	161	1538	- 802	-320
2010 Q1	194	583	989	261	-459	-643	1393	52	-946	576	2654	- 899	1393
2010 Q2	-74	795	981	285	-459	-857	1268	-153	-1070	545	2317	- 312	1268
2010 Q3	375	726	977	283	-669	-928	337	-105	-960	319	1588	- 489	337
2010 Q4	768	722	967	264	-700	-776	464	-86	-948	276	1637	- 502	464
2011 Q1	106	261	1009	249	-476	-505	1093	-5	-1114	561	2824	-980	1093
2011 Q2	80	774	1051	230	-487	-577	1554	-106	-913	555	2564	- 396	1554
2011 Q3	447	663	1011	216	-641	-663	809	-74	-793	336	1894	- 400	809
2011 Q4	935	635	988	222	-634	-602	790	21	-665	339	1857	- 635	790
2012 Q1	138	-92	1004	228	-714	-694	390	150	-1234	292	2234	- 967	390
2012 Q2	-561	965	903	226	-419	-770	863	-126	-1488	491	2533	- 367	863
2012 Q3	631	549	888	218	-388	-684	989	-11	-1086	505	2253	- 519	989
2012 Q4	1549	509	866	219	-309	-617	1387	243	-722	559	1930	- 505	1387
2013 Q1	452	- 549	837	252	-300	-711	18	32	-1543	532	2079	-971	18
2013 Q2	366	1 039	793	236	-84	-664	1598	50	-1817	651	3101	-249	1598
2013 Q3	1360	738	768	263	-213	-795	2099	650	-1139	529	2635	-521	2099
2013 Q4	343	662	742	289	-421	-938	623	574	-1178	278	1818	-842	623
2014 Q1	1831	-282	809	304	-1439	-1040	157	891	-825	-683	2180	-1 347	157
2014 Q2	1111	1395	1028	329	-407	-1136	2345	1169	-1040	581	2476	-845	2345
2014 Q3	1403	975	1027	328	-470	-1112	2153	1290	-543	511	1880	-1014	2153
2014 Q4	267	1124	1037	319	-417	-1113	1208	938	233	578	646	-1213	1208
2015 Q1	1390	893	1046	315	-517	-863	2262	1566	-90	472	2563	-2284	2262
2015 Q2	1566	1257	736	316	-233	-1235	2408	885	342	456	2242	-1498	2408
2015 Q3	-802	631	716	334	-291	-1297	-710	713	-1066	380	1052	-1779	-710
2015 Q4	310	232	733	341	-291	-1241	85	1217	-585	392	820	-1753	85
2016 Q1	736	-81	832	339	-196	-1129	501	1122	-1095	595	1816	-1937	501
2016 Q2	799	1114	1009	374	-250	-1232	1814	1292	-676	720	2271	-1793	1814
2016 Q3	1266	919	959	324	-235	-1207	2026	2315	-1299	689	2299	-1978	2026
2016 Q4	1602	551	961	350	-197	-1038	2229	1960	-1275	622	3118	-2196	2229
2017 Q1	1702	-166	1011	327	-159	-855	1860	1587	-1558	800	3353	-2322	1860
2017 Q2	1909	-27	757	408	33	-1331	1749	2376	-1279	766	1811	-1925	1749

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

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

G2R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q
1997 Q2	2.3	-2.3	-6.9	12.9	3.5	9.9	0.3	-2.0	-2.3	2.5	1.0	-0.6	0.3
1997 Q3	-1.0	3.8	0.8	-13.4	2.5	-8.3	-0.3	2.4	0.5	2.4	-1.8	-0.1	-0.3
1997 Q4	-1.6	-2.5	9.1	-8.3	1.3	4.7	0.1	-0.3	1.8	1.8	-2.2	-1.6	0.1
1998 Q1	-0.9	-3.2	-10.1	-1.7	-3.0	-7.6	-1.6	-6.0	-4.3	-3.3	5.1	-3.3	-1.6
1998 Q2	-0.2	10.0	-1.6	4.0	-1.0	7.0	1.4	-2.1	3.2	-1.1	4.5	-0.8	1.4
1998 Q3	1.3	-8.8	9.2	7.0	0.0	-6.0	-1.4	3.1	-0.7	0.4	-8.5	0.5	-1.4
1998 Q4	-1.7	2.0	5.8	-5.7	2.0	5.0	0.0	0.5	1.7	2.1	-1.7	0.0	0.0
1999 Q1	-0.4	-0.4	-11.9	14.6	-1.3	-0.1	-0.4	-1.4	-2.5	-1.8	2.1	-2.0	-0.4
1999 Q2	0.3	4.7	-7.2	-12.0	1.7	2.1	1.2	-3.8	0.8	1.3	3.7	1.4	1.2
1999 Q3	1.0	-2.4	14.9	20.4	1.2	2.5	-0.4	1.2	0.4	2.3	-6.1	2.2	-0.4
1999 Q4	-0.6	2.7	-7.2	0.3	1.6	1.8	-0.2	2.6	0.1	1.5	-4.1	0.8	-0.2
2000 Q1	-0.4	-2.1	-24.5	-27.1	-0.7	-0.2	0.2	-0.2	-2.3	-2.1	4.2	0.4	0.2
2000 Q2	0.4	13.3	30.5	21.3	0.4	4.3	1.8	-3.7	1.2	1.4	6.5	-0.5	1.8
2000 Q3	-0.3	-27.0	10.4	-14.3	-0.5	-23.2	-3.6	2.0	-2.1	0.0	-14.1	-0.3	-3.6
2000 Q4	-2.3	24.6	-4.7	15.2	-0.1	36.9	0.8	-4.8	0.6	-0.4	5.3	-0.3	0.8
2001 Q1	1.7	-4.6	-13.7	46.9	0.4	-4.3	1.2	-0.4	3.3	-0.2	3.8	-5.3	1.2
2001 Q2	-2.3	11.5	-8.0	-14.6	-0.4	-3.4	-0.7	-0.9	-0.4	-0.9	-0.3	-2.0	-0.7
2001 Q3	1.5	-8.6	17.9	7.5	-0.3	-4.1	-1.5	4.9	1.4	1.1	-7.2	-0.5	-1.5
2001 Q4	-2.7	2.1	-0.9	4.8	0.4	-5.3	-1.6	3.3	1.3	0.3	-6.1	-0.7	-1.6
2002 Q1	2.2	2.6	-4.6	-12.1	2.0	4.3	3.7	-1.1	2.7	1.5	7.3	1.6	3.7
2002 Q2	0.3	0.1	-5.0	0.0	0.3	-4.4	-0.6	-0.2	0.2	-0.2	-4.5	-0.1	-0.6
2002 Q3	-4.2	-2.8	9.5	9.4	0.5	9.5	-3.3	0.3	-3.2	1.1	-6.8	-1.1	-3.3
2002 Q4	3.6	3.2	-5.4	81.8	0.2	-3.6	2.6	-0.9	-1.2	-0.2	8.7	1.0	2.6
2003 Q1	0.4	0.3	13.0	-157.3	-0.4	-25.9	0.9	1.0	-2.2	0.6	6.8	-1.6	0.9
2003 Q2	-4.4	2.4	-14.9	-5.8	-0.1	14.3	-0.8	-0.5	-6.1	-1.8	4.0	-1.2	-0.8
2003 Q3	0.7	-3.0	9.6	-7.8	-0.2	-7.7	-2.0	-1.5	1.7	0.5	-8.8	0.8	-2.0
2003 Q4	-2.5	-2.7	-0.5	6.8	-0.1	3.1	-2.2	-3.7	0.6	0.0	-6.3	-2.9	-2.2
2004 Q1	-3.6	-1.7	1.4	7.0	0.3	14.0	-1.1	5.0	-14.2	0.4	4.4	0.8	-1.1
2004 Q2	4.2	17.6	-7.8	34.6	0.3	-3.1	5.3	-2.6	16.3	-0.2	4.3	1.1	5.3
2004 Q3	3.3	-11.9	9.2	-4.8	-0.1	-1.2	-1.6	0.5	2.0	0.6	-8.9	2.5	-1.6
2004 Q4	1.8	-1.8	-2.9	13.9	0.7	2.5	0.6	-4.0	-0.4	0.4	1.1	2.8	0.6
2005 Q1	-3.3	4.3	0.3	-6.7	0.8	-5.1	-1.1	0.2	-1.0	0.7	-3.2	-0.9	-1.1
2005 Q2	3.6	8.1	-6.9	51.5	1.1	14.9	5.5	5.9	2.5	0.6	10.5	1.4	5.5
2005 Q3	-0.2	-13.3	3.4	2.3	0.0	-10.1	-4.9	0.2	-2.1	0.3	-13.2	0.3	-4.9
2005 Q4	1.6	3.3	0.8	4.3	0.3	5.2	0.0	1.4	0.4	0.4	-1.6	0.3	0.0
2006 Q1	0.8	0.9	6.2	12.5	0.3	-3.9	1.3	3.0	3.1	0.7	1.3	-1.5	1.3
2006 Q2	-3.6	5.0	-7.3	-1.4	0.4	3.8	0.9	-5.9	-2.3	-0.2	5.9	-0.3	0.9
2006 Q3	0.9	-8.9	-3.8	11.3	-0.9	1.0	-2.5	-3.6	-0.2	-1.1	-6.4	1.1	-2.5
2006 Q4	1.9	2.8	1.9	-3.4	0.1	0.5	0.0	4.3	1.1	0.2	-1.9	0.2	0.0
2007 Q1	-1.1	-5.5	2.0	4.3	1.0	-1.5	0.4	1.4	0.3	1.1	1.0	-1.1	0.4
2007 Q2	-1.2	4.5	2.0	-12.8	0.6	-9.0	-0.4	-2.0	-0.6	0.7	-1.5	1.5	-0.4
2007 Q3	1.0	0.3	-5.3	14.9	-1.3	18.8	0.7	0.4	-0.1	-1.7	2.9	0.2	0.7
2007 Q4	1.4	8.7	1.5	-9.1	0.5	-14.3	0.0	-1.2	0.1	0.6	0.0	0.4	0.0
2008 Q1	-5.6	-10.0	-0.2	6.9	-1.6	5.9	-0.3	-8.6	-0.8	-1.5	3.0	-2.9	-0.3
2008 Q2	3.7	5.8	3.7	25.1	0.6	16.6	3.3	15.8	-0.8	0.8	7.9	1.5	3.3
2008 Q3	-0.6	-0.2	101.9	-4.4	-10.0	-10.0	-1.9	3.4	1.4	-2.3	-4.4	-0.5	-1.9
2008 Q4	1.4	0.4	0.8	0.1	0.1	1.5	0.7	0.6	2.7	0.3	0.9	-1.0	0.7
2009 Q1	-0.1	-1.3	-1.0	53.7	1.0	38.5	3.4	1.0	3.4	1.6	7.0	0.2	3.4
2009 Q2	-2.5	2.9	-3.6	-1.5	0.6	-11.0	-0.7	-5.8	-3.2	0.7	-0.7	0.5	-0.7
2009 Q3	-0.7	-0.7	-4.9	4.4	-2.6	-17.6	-3.5	-3.8	-1.6	-2.7	-7.0	-0.9	-3.5
2009 Q4	1.0	-0.5	-2.0	5.3	-1.7	4.3	-0.4	0.5	-1.8	-0.9	0.7	-1.1	-0.4
2010 Q1	-0.3	-3.0	6.2	-11.2	3.8	13.8	2.8	8.4	0.9	3.4	5.0	-0.5	2.8
2010 Q2	-0.8	1.7	0.6	10.6	0.4	-5.6	-0.2	-6.8	-0.4	-0.6	-0.7	4.1	-0.2
2010 Q3	1.3	-0.6	0.5	-1.1	-1.6	-2.1	-1.6	3.7	1.0	-1.9	-4.0	-1.2	-1.6
2010 Q4	1.1	0.1	1.2	-4.9	-0.3	3.2	0.2	1.3	0.3	-0.3	0.4	-0.2	0.2
2011 Q1	-1.8	-3.8	3.0	-4.6	1.7	10.0	0.9	0.7	-1.4	2.0	5.1	-3.2	0.9
2011 Q2	-0.1	3.8	6.5	-7.8	0.0	-3.0	0.8	-5.0	2.1	-0.1	-0.5	3.7	0.8
2011 Q3	1.0	-1.1	2.1	-7.1	-1.2	-3.5	-1.2	1.3	1.1	-1.5	-3.7	0.0	-1.2
2011 Q4	1.2	0.0	0.0	-4.4	0.2	3.7	0.0	5.4	1.1	0.0	-0.3	-1.6	0.0
2012 Q1	-2.1	-5.8	3.4	-16.9	-0.6	-2.1	-0.6	5.2	-4.0	-0.3	1.6	-2.2	-0.6
2012 Q2	-1.7	8.4	-10.4	10.5	2.0	-2.9	0.7	-9.5	-2.4	1.5	1.0	3.9	0.7
2012 Q3	3.1	-2.4	2.2	-1.4	0.3	2.4	0.2	4.9	2.8	0.1	-1.0	-1.0	0.2
2012 Q4	2.3	-0.4	-0.5	-6.5	0.7	3.4	0.5	10.7	3.3	0.3	-1.9	0.2	0.5
2013 Q1	-2.5	-8.8	-0.8	-1.6	0.1	-1.0	-1.9	-5.6	-5.7	-0.2	1.4	-3.0	-1.9
2013 Q2	-0.2	15.3	-9.2	11.3	2.0	1.7	2.4	0.7	-2.9	0.6	3.7	4.5	2.4
2013 Q3	2.5	-2.6	-0.3	-12.8	-0.9	-1.7	0.7	25.2	6.4	-0.9	-2.1	-1.7	0.7
2013 Q4	-2.4	-0.7	-2.0	-1.9	-1.5	-1.9	-2.1	-1.8	-0.2	-1.7	-3.6	-2.0	-2.1
2014 Q1	3.6	-8.4	3.2	3.3	-7.3	-2.5	-0.7	11.8	2.6	-6.6	1.4	-3.1	-0.7
2014 Q2	-2.0	12.0	11.2	4.2	6.6	0.0	2.9	2.1	-1.0	7.8	1.4	2.8	2.9
2014 Q3	0.7	-4.4	-2.8	-4.2	-0.3	0.1	-0.3	0.6	3.2	-0.7	-2.5	-1.1	-0.3
2014 Q4	-2.7	1.2	-1.1	4.4	0.3	-0.7	-1.3	-10.2	4.9	0.5	-5.0	-1.1	-1.3
2015 Q1	2.5	-1.9	-3.2	10.2	-0.6	3.6	1.3	6.5	-2.1	-0.8	7.5	-6.8	1.3
2015 Q2	0.4	2.9	-16.2	-12.2	2.1	-7.8	0.2	-10.1	3.1	-0.2	-1.3	5.2	0.2
2015 Q3	-5.2	-4.6	-2.3	-0.4	-0.4	-0.4	-3.9	-1.9	-9.5	-0.4	-4.7	-1.9	-3.9
2015 Q4	2.5	-3.2	3.8	0.4	0.0	3.0	1.0	10.8	3.2	0.0	-0.9	0.1	1.0
2016 Q1	1.0	-2.7	9.8	-14.0	0.7	4.2	0.6	-6.9	-3.7	1.1	4.0	-1.0	0.6
2016 Q2	0.1	10.2	4.5	30.8	-0.3	-4.1	1.7	2.0	3.2	0.6	1.8	0.9	1.7
2016 Q3	1.0	-1.9	3.7	-12.2	0.1	1.0	0.2	16.8	-4.4	-0.1	-0.1	-1.2	0.2
2016 Q4	0.8	-2.9	-1.5	-0.6	0.3	4.9	0.3	-4.0	0.1	-0.5	3.2	-1.2	0.3
2017 Q1	0.2	-5.5	3.6	-17.3	0.2	4.3	-0.5	-6.3	-2.3	1.0	0.6	-0.8	-0.5
2017 Q2	0.5	1.1	-27.5	48.9	1.2	-9.9	-0.1	16.6	2.8	-0.1	-6.2	2.3	-0.1

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.

G3R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T
1998 Q1	-1.4	-4.6	-5.7	-12.8	4.1	-6.2	-1.8	-5.9	-4.5	3.0	2.6	-5.8	-1.8
1998 Q2	-4.0	8.7	0.2	-16.8	-0.7	-6.4	-0.4	-5.8	1.3	-0.6	6.0	-6.0	-0.4
1998 Q3	-1.5	-4.8	9.6	-1.1	-3.1	-3.6	-1.7	-4.5	-0.1	-2.5	-0.3	-5.4	-1.7
1998 Q4	-1.5	0.0	5.4	0.6	-2.2	-1.9	-1.6	-4.1	-0.4	-1.9	0.2	-3.8	-1.6
1999 Q1	-0.9	2.5	1.0	17.7	-0.5	9.3	-0.4	-0.2	1.3	-0.4	-2.9	-2.5	-0.4
1999 Q2	-0.3	-3.5	-3.3	-5.7	2.2	3.0	-0.7	-2.0	-0.8	1.8	-4.1	0.0	-0.7
1999 Q3	-0.7	3.2	7.6	5.6	3.6	13.4	0.4	-3.8	0.2	3.7	-1.7	1.7	0.4
1999 Q4	0.3	3.8	-0.2	19.5	3.3	9.9	0.2	-2.1	-1.0	3.0	-4.4	2.6	0.2
2000 Q1	0.4	2.2	-15.5	-29.1	4.3	7.5	0.9	-1.1	-0.7	3.3	-2.0	4.9	0.9
2000 Q2	0.3	9.9	9.5	8.6	2.7	10.9	1.4	0.2	-0.7	3.3	1.3	3.0	1.4
2000 Q3	-1.0	-16.7	-0.6	-21.8	1.0	-21.1	-2.2	1.2	-3.3	0.9	-7.0	0.4	-2.2
2000 Q4	-2.7	3.1	0.4	-12.2	-0.9	1.1	-1.3	-6.1	-3.3	-0.9	1.8	-0.7	-1.3
2001 Q1	-0.5	0.1	34.7	58.5	0.2	-2.3	-0.3	-5.3	2.4	0.8	1.4	-6.4	-0.3
2001 Q2	-2.8	-4.1	-20.5	15.2	-0.5	-10.2	-2.5	-3.6	0.9	-1.4	-6.0	-7.8	-2.5
2001 Q3	-1.1	22.6	-4.9	69.7	-0.4	29.5	-0.2	0.2	4.9	-0.3	1.1	-8.1	-0.2
2001 Q4	-1.6	-4.3	0.9	46.3	0.2	-19.7	-2.6	6.6	5.5	0.4	-9.8	-8.5	-2.6
2002 Q1	-1.3	5.0	9.5	-15.2	1.7	-9.8	-0.2	12.4	5.1	2.1	-5.8	-1.4	-0.2
2002 Q2	1.1	-3.9	6.8	2.3	2.5	-10.8	-0.1	10.7	5.8	2.9	-9.4	0.6	-0.1
2002 Q3	-4.6	2.5	-1.9	4.9	3.3	4.0	-1.8	4.7	1.2	2.9	-9.1	-0.2	-1.8
2002 Q4	1.9	3.7	-6.6	97.3	3.3	6.9	2.6	-2.8	-1.5	2.7	5.6	1.5	2.6
2003 Q1	0.1	0.9	13.8	-60.7	0.4	-28.0	-0.5	0.3	-6.8	1.5	4.9	-1.9	-0.5
2003 Q2	-4.7	3.3	-4.7	-61.0	0.2	-5.3	-0.7	-0.1	-13.5	-0.3	12.2	-3.0	-0.7
2003 Q3	0.1	2.6	-5.0	-91.1	-0.6	-22.9	0.6	-1.6	-8.6	-0.8	9.3	-1.1	0.6
2003 Q4	-5.6	-3.1	-0.5	-139.9	-0.7	-16.4	-4.0	-3.8	-6.2	-0.6	-3.7	-5.1	-4.0
2004 Q1	-9.5	-5.1	-6.7	-1.0	0.1	28.3	-6.2	-0.7	-17.9	-0.9	-6.6	-2.6	-6.2
2004 Q2	-0.6	9.7	3.1	42.5	0.5	7.1	0.1	-2.7	7.0	0.7	-7.1	-0.3	0.1
2004 Q3	1.8	-2.1	3.5	37.5	0.5	12.9	0.5	-0.7	6.9	0.8	-7.2	1.4	0.5
2004 Q4	6.0	-0.9	1.5	41.1	1.1	10.7	3.3	-0.8	6.3	1.2	0.6	7.4	3.3
2005 Q1	6.0	5.9	0.3	16.3	1.6	-5.7	3.2	-4.8	16.3	1.6	-6.6	5.9	3.2
2005 Q2	6.6	17.2	1.1	24.1	2.5	9.2	3.4	1.9	3.2	2.4	-0.2	6.4	3.4
2005 Q3	0.4	1.1	-5.8	38.8	2.5	3.8	-0.2	1.7	-1.0	2.0	-3.9	3.8	-0.2
2005 Q4	0.3	6.1	-1.8	36.5	2.2	7.1	-0.9	6.8	-0.1	1.9	-7.3	1.2	-0.9
2006 Q1	4.4	2.9	4.5	89.8	1.7	9.8	1.6	11.6	4.1	1.8	-2.3	0.4	1.6
2006 Q2	-0.9	-24.1	0.7	15.9	1.0	-4.3	-2.8	-2.2	-0.6	1.0	-7.0	-1.1	-2.8
2006 Q3	-0.2	0.7	-6.0	21.7	0.1	6.9	-0.2	-6.4	1.2	-0.4	-0.3	-0.4	-0.2
2006 Q4	0.1	0.1	-4.5	14.9	-0.1	2.3	-0.2	-3.8	2.1	-0.4	-0.7	-0.5	-0.2
2007 Q1	-2.0	-6.6	-7.2	8.4	0.5	4.2	-1.1	-3.8	-1.2	-0.1	-0.9	-0.1	-1.1
2007 Q2	0.5	-7.3	2.9	-1.2	0.7	-10.2	-2.5	0.8	0.6	0.8	-9.6	1.9	-2.5
2007 Q3	0.8	1.8	0.8	3.4	0.2	10.8	0.8	3.5	0.8	0.4	0.9	0.8	0.8
2007 Q4	0.1	7.4	0.4	-2.0	0.7	-5.8	0.8	-0.8	-0.3	0.7	3.0	1.1	0.8
2008 Q1	-4.8	3.4	-1.6	0.3	-1.8	1.7	0.0	-10.1	-1.4	-1.7	5.0	-0.8	0.0
2008 Q2	0.2	4.9	-0.1	28.9	-1.7	18.8	3.5	-3.9	-1.6	-1.6	13.2	-0.8	3.5
2008 Q3	-1.5	4.5	108.8	10.3	-10.0	-2.1	0.8	-0.5	-0.1	-2.2	6.2	-1.6	0.8
2008 Q4	-1.2	-3.9	107.5	12.3	-9.9	4.4	1.3	1.3	2.4	-2.3	6.1	-2.9	1.3
2009 Q1	3.8	5.3	99.7	27.3	-7.0	18.5	4.8	18.6	5.8	0.5	9.8	0.1	4.8
2009 Q2	-1.6	2.2	93.4	30.8	-6.6	9.6	1.3	-0.1	3.1	0.3	2.3	-0.8	1.3
2009 Q3	-1.7	2.0	-8.7	57.8	-0.5	13.5	0.3	-6.7	1.1	0.1	0.8	-1.1	0.3
2009 Q4	-2.2	0.9	-11.9	87.2	-2.1	21.7	-0.8	-6.0	-2.8	-1.0	0.6	-1.2	-0.8
2010 Q1	-2.8	-0.7	-3.8	-6.4	-0.2	-9.0	-1.9	-1.9	-5.6	0.3	-1.8	-2.0	-1.9
2010 Q2	-0.9	-2.3	0.5	7.0	-0.6	-3.7	-1.5	-3.7	-3.2	-1.0	-1.8	1.7	-1.5
2010 Q3	1.2	-2.0	5.5	1.2	0.6	12.6	0.6	3.7	-0.4	0.0	1.0	1.4	0.6
2010 Q4	1.3	-1.5	8.0	-8.1	2.6	10.7	1.3	6.2	2.1	0.7	0.7	2.4	1.3
2011 Q1	-0.2	-2.2	5.1	-1.3	0.5	6.3	-0.5	-1.3	-0.5	-0.6	0.6	-0.4	-0.5
2011 Q2	0.4	0.2	10.5	-16.1	0.0	7.5	0.4	0.5	2.0	-0.1	0.9	-0.6	0.4
2011 Q3	0.1	-0.1	11.4	-20.3	0.3	6.0	0.7	-0.4	2.2	0.2	1.2	0.6	0.7
2011 Q4	0.4	-0.3	10.3	-21.5	0.7	6.8	0.5	1.5	3.0	0.5	0.4	-0.8	0.5
2012 Q1	0.0	-2.2	10.6	-34.2	-1.8	-5.5	-1.1	7.9	0.0	-2.0	-2.8	0.1	-1.1
2012 Q2	-1.8	1.4	-4.0	-17.3	0.3	-5.3	-1.2	-0.3	-4.4	-0.2	-1.4	0.4	-1.2
2012 Q3	0.4	-0.3	-3.9	-11.5	1.7	1.2	0.3	3.8	-2.5	1.3	1.3	-0.8	0.3
2012 Q4	1.4	-0.7	-4.5	-13.3	2.2	0.8	0.8	8.9	-0.5	1.7	-0.2	1.1	0.8
2013 Q1	0.8	-3.8	-8.5	1.6	3.0	2.1	-0.5	-3.1	-2.1	1.8	-0.2	0.3	-0.5
2013 Q2	2.4	1.2	-7.3	3.0	3.1	7.4	1.1	7.3	-2.7	0.9	2.1	0.9	1.1
2013 Q3	1.7	1.4	-10.1	-8.7	1.9	3.1	1.5	27.9	0.2	-0.3	1.1	0.1	1.5
2013 Q4	-2.9	1.1	-11.9	-3.2	-0.6	-3.5	-1.2	11.2	-3.1	-2.6	-0.7	-2.1	-1.2
2014 Q1	3.4	3.9	-8.5	2.5	-8.8	-5.3	0.2	40.5	4.9	-9.8	-1.1	-2.1	0.2
2014 Q2	1.8	3.2	12.1	-8.6	-2.4	-7.7	0.9	47.2	8.8	-0.8	-2.8	-3.8	0.9
2014 Q3	0.1	1.7	10.1	1.4	-1.8	-4.9	-0.1	15.9	5.0	-0.4	-3.2	-3.1	-0.1
2014 Q4	-0.2	3.7	11.6	8.1	0.2	-3.3	0.8	6.5	10.3	1.9	-4.6	-2.2	0.8
2015 Q1	-1.5	8.5	4.3	15.0	6.2	3.2	2.8	-5.7	5.1	7.4	1.5	-5.9	2.8
2015 Q2	1.0	-2.1	-25.4	-1.5	1.5	-3.7	0.0	-22.3	8.6	-1.1	-1.4	-4.0	0.0
2015 Q3	-5.2	-2.5	-24.6	2.4	1.3	-4.3	-3.9	-22.1	-3.5	-1.0	-3.7	-4.8	-3.9
2015 Q4	0.1	-6.7	-17.8	-1.9	1.0	-0.9	-1.5	2.7	-5.5	-1.3	0.6	-3.5	-1.5
2016 Q1	-1.3	-7.4	-4.2	-28.4	2.5	-1.2	-2.2	-8.2	-7.1	0.6	-2.7	2.4	-2.2
2016 Q2	-1.6	-1.0	16.7	16.3	0.0	1.9	-0.7	5.4	-6.7	1.5	0.4	-2.0	-0.7
2016 Q3	4.6	2.0	20.6	0.2	0.4	3.3	3.6	30.1	-1.9	1.8	4.9	-1.1	3.6
2016 Q4	2.9	2.5	16.8	-0.7	0.6	5.2	2.7	9.9	-4.8	1.3	9.0	-2.5	2.7
2017 Q1	2.2	-0.7	10.7	-5.0	0.3	5.3	1.7	7.8	-3.5	1.0	5.7	-2.3	1.7
2017 Q2	2.5	-9.8	-18.7	6.7	1.8	-0.3	-0.1	21.2	-4.1	0.2	-2.5	-0.8	-0.1

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.

G4R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
1997	12 005	- 1 258	- 345	3 771	- 1 302	- 8 467	6 862	961	- 4 927	- 2 135	10 988	1 986	6 862
1998	10 392	- 1 432	- 307	3 269	- 1 678	- 8 088	4 188	499	- 5 742	- 2 486	13 698	- 68	4 188
1999	9 929	- 1 061	- 235	4 255	- 397	- 9 996	3 961	109	- 5 782	- 1 151	12 426	126	3 961
2000	9 169	- 1 078	- 184	4 352	563	- 10 812	3 391	- 76	- 7 047	- 200	11 294	947	3 391
2001	6 329	- 526	- 256	5 518	442	- 13 210	- 482	- 82	- 4 662	- 285	8 486	- 2 635	- 482
2002	5 126	- 162	- 192	6 893	2 060	- 15 581	- 453	661	- 3 678	1 373	3 281	- 2 557	- 453
2003	1 334	101	- 150	13 708	2 095	- 20 831	- 3 565	367	- 8 128	1 430	8 076	- 3 940	- 3 565
2004	242	242	- 192	12 174	2 597	- 20 754	- 5 232	148	- 8 123	1 833	4 550	- 3 304	- 5 232
2005	5 031	1 137	- 261	6 580	4 127	- 19 401	- 1 389	296	- 5 188	3 293	963	- 1 473	- 1 389
2006	5 606	1 521	- 340	5 979	4 428	- 21 910	- 2 822	274	- 4 602	3 562	- 1 279	- 1 702	- 2 822
2007	5 965	1 155	- 360	5 031	4 762	- 22 828	- 4 384	250	- 5 052	3 842	- 2 827	- 1 302	- 4 384
2008	2 845	2 203	1 969	2 812	425	- 10 343	146	- 196	- 5 039	2 133	5 790	- 2 252	146
2009	1672	3635	3864	1025	-2328	-3399	4333	-256	-2758	1676	8538	-2570	4333
2010	1263	2826	3914	1093	-2287	-3204	3462	-292	-3924	1716	8196	-2202	3462
2011	1568	2333	4059	917	-2238	-2347	4246	-164	-3485	1791	9139	-2411	4246
2012	1757	1931	3661	891	-1830	-2765	3629	256	-4530	1847	8950	-2358	3629
2013	2521	1890	3140	1040	-1018	-3108	4338	1306	-5677	1990	9633	-2583	4338
2014	4612	3212	3901	1280	-2733	-4401	5863	4288	-2175	987	7182	-4419	5863
2015	2464	3013	3231	1306	-1332	-4636	4045	4381	-1399	1700	6677	-7314	4045
2016	4403	2503	3761	1387	-878	-4606	6570	6689	-4345	2626	9504	-7904	6570

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N
1998	-2.1	-0.2	0.7	-9.0	-0.6	-5.0	-1.3	-5.1	-0.8	-0.5	2.0	-5.3	-1.3
1999	-0.4	1.7	1.1	8.5	2.1	9.1	-0.1	-2.0	-0.2	2.0	-3.2	0.4	-0.1
2000	-0.8	-0.1	0.8	-15.9	1.7	-1.6	-0.3	-1.7	-1.9	1.6	-1.4	1.9	-0.3
2001	-1.5	2.9	1.5	44.6	-0.1	-4.9	-1.5	0.0	3.2	-0.1	-3.2	-7.7	-1.5
2002	-0.9	1.4	2.2	23.1	2.7	-2.3	0.0	7.0	2.6	2.6	-5.2	0.2	0.0
2003	-2.5	1.0	1.4	-98.7	-0.2	-17.9	-1.2	-1.4	-8.6	-0.1	5.9	-2.8	-1.2
2004	-0.7	0.4	-1.1	28.1	0.6	14.8	-0.6	-1.3	0.3	0.5	-4.9	1.5	-0.6
2005	3.4	2.4	-1.4	29.2	2.2	3.6	1.5	1.2	5.3	1.9	-4.7	4.2	1.5
2006	0.6	-1.7	-1.3	29.2	0.7	3.3	-0.5	-0.5	1.7	0.5	-2.4	-0.4	-0.5
2007	-0.1	-1.0	-1.0	2.5	0.5	-0.2	-0.5	0.0	0.0	0.4	-1.4	1.0	-0.5
2008	-1.8	2.0	51.8	12.8	-5.7	5.6	1.4	-3.5	-0.2	-2.0	7.6	-1.6	1.4
2009	-0.4	2.5	29.7	44.5	-4.5	15.1	1.4	-0.7	2.0	0.0	3.5	-0.7	1.4
2010	-0.4	-1.6	2.8	-2.0	0.4	3.7	-0.5	0.5	-2.1	-0.1	-0.4	0.8	-0.5
2011	0.2	-0.6	9.3	-15.2	0.4	6.8	0.3	0.2	1.8	0.1	0.8	-0.3	0.3
2012	0.1	-0.5	0.0	-19.6	0.7	-2.3	-0.2	5.3	-2.0	0.2	-0.8	0.3	-0.2
2013	0.4	0.0	-9.5	-1.9	1.9	2.3	0.2	10.2	-2.0	0.1	0.5	-0.3	0.2
2014	1.2	2.5	6.4	1.7	-3.1	-5.1	0.4	24.1	7.1	-2.1	-3.0	-2.8	0.4
2015	-1.4	-0.2	-16.6	3.3	2.7	-1.5	-0.6	-11.6	1.1	1.0	-0.7	-4.6	-0.6
2016	1.1	-1.1	11.9	-3.0	0.8	2.7	0.8	8.0	-5.2	1.3	2.9	-0.8	0.8

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.

G5R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
1997 Q1	2 854	- 433	- 176	875	- 955	- 1 991	1 339	250	- 937	- 1 184	2 272	550	1 339
1997 Q2	2 836	- 238	- 48	1 043	- 385	- 2 235	1 458	204	- 1 387	- 575	2 692	497	1 458
1997 Q3	2 999	- 281	- 63	932	- 15	- 2 184	1 789	258	- 1 230	- 214	2 616	496	1 789
1997 Q4	3 314	- 305	- 58	921	53	- 2 058	2 276	249	- 1 373	- 161	3 408	442	2 276
1998 Q1	2 312	- 449	- 120	781	- 376	- 2 193	682	120	- 1 390	- 590	2 972	22	682
1998 Q2	2 378	- 290	- 53	742	- 511	- 1 733	877	48	- 1 598	- 718	3 721	- 93	877
1998 Q3	2 659	- 393	- 74	960	- 476	- 2 362	915	152	- 1 312	- 675	3 003	- 37	915
1998 Q4	3 042	- 301	- 61	787	- 314	- 1 801	1 714	180	- 1 441	- 504	4 002	41	1 714
1999 Q1	2 268	- 397	- 97	1 035	- 419	- 2 631	463	95	- 1 386	- 612	2 833	- 197	463
1999 Q2	2 244	- 214	- 48	820	- 169	- 1 954	917	5	- 1 612	- 356	3 615	- 96	917
1999 Q3	2 503	- 236	- 36	1 174	29	- 2 686	989	- 25	- 1 388	- 162	2 853	114	989
1999 Q4	2 914	- 213	- 53	1 226	163	- 2 724	1 592	33	- 1 397	- 21	3 126	305	1 592
2000 Q1	2 478	- 365	- 73	1 212	174	- 3 053	864	34	- 1 446	- 29	2 297	310	864
2000 Q2	2 565	- 157	- 28	1 076	219	- 2 323	1 399	23	- 1 993	28	3 517	241	1 399
2000 Q3	2 001	- 392	- 32	1 014	154	- 3 055	392	- 30	- 1 706	- 28	2 086	164	392
2000 Q4	2 125	- 164	- 50	1 050	16	- 2 381	736	- 102	- 1 903	- 171	3 394	232	736
2001 Q1	2 056	- 226	- 106	1 308	210	- 3 020	649	- 100	- 1 048	5	2 623	- 390	649
2001 Q2	1 535	- 95	- 45	1 202	114	- 2 808	- 16	- 102	- 1 469	- 63	2 896	- 645	- 16
2001 Q3	1 372	- 101	- 49	1 549	76	- 3 728	- 501	- 25	- 1 070	- 102	1 605	- 780	- 501
2001 Q4	1 367	- 102	- 56	1 459	43	- 3 654	- 614	144	- 1 074	- 124	1 361	- 820	- 614
2002 Q1	1 829	- 88	- 85	1 547	468	- 3 539	596	124	- 513	303	1 155	- 518	596
2002 Q2	1 401	- 109	- 36	1 548	473	- 4 030	- 293	219	- 939	291	353	- 614	- 293
2002 Q3	- 4	- 3	- 28	1 754	564	- 3 871	- 1 484	153	- 926	397	- 472	- 787	- 1 484
2002 Q4	1 899	38	- 42	2 044	554	- 4 139	728	166	- 1 300	383	2 245	- 638	728
2003 Q1	1 395	- 15	- 52	3 652	563	- 5 881	- 141	146	- 1 364	425	1 758	- 763	- 141
2003 Q2	196	- 39	- 24	2 688	514	- 3 736	- 440	179	- 2 587	344	3 086	- 961	- 440
2003 Q3	131	74	- 34	3 645	524	- 5 546	- 1 163	92	- 2 091	350	1 577	- 943	- 1 163
2003 Q4	- 388	81	- 40	3 724	494	- 5 668	- 1 821	- 50	- 2 086	312	1 655	- 1 273	- 1 821
2004 Q1	- 2 237	139	- 56	3 080	625	- 5 397	- 3 873	- 4	- 3 890	440	1 088	- 1 113	- 3 873
2004 Q2	- 11	34	- 31	2 882	604	- 4 661	- 1 093	27	- 1 876	424	1 373	- 994	- 1 093
2004 Q3	860	- 2	- 47	3 335	638	- 5 837	- 848	27	- 1 171	441	525	- 784	- 848
2004 Q4	1 631	72	- 59	2 876	730	- 4 858	582	97	- 1 185	527	1 564	- 411	582
2005 Q1	646	262	- 89	1 438	879	- 4 669	- 1 354	- 188	- 1 176	670	- 52	- 440	- 1 354
2005 Q2	1 647	115	- 40	1 281	1 023	- 3 562	1 053	202	- 1 366	816	1 119	- 399	1 053
2005 Q3	1 220	355	- 63	1 860	1 099	- 5 411	- 660	153	- 1 417	889	7	- 361	- 660
2005 Q4	1 520	404	- 69	2 000	1 128	- 5 759	- 428	128	- 1 229	919	- 110	- 272	- 428
2006 Q1	1 507	578	- 129	1 736	1 119	- 6 367	- 1 053	169	- 797	905	- 1 206	- 394	- 1 053
2006 Q2	1 315	323	- 39	1 153	1 121	- 4 191	24	92	- 1 301	913	690	- 519	24
2006 Q3	1 206	334	- 83	1 513	1 091	- 5 423	- 859	- 34	- 1 350	872	- 150	- 443	- 859
2006 Q4	1 576	286	- 89	1 578	1 098	- 5 929	- 934	47	- 1 155	871	- 614	- 346	- 934
2007 Q1	1 332	288	- 149	1 363	1 178	- 5 845	- 1 392	- 4	- 915	944	- 1 186	- 384	- 1 392
2007 Q2	1 617	205	- 44	1 128	1 204	- 5 640	- 1 090	133	- 1 423	979	- 641	- 359	- 1 090
2007 Q3	1 385	260	- 82	1 313	1 150	- 5 214	- 566	77	- 1 355	922	- 158	- 333	- 566
2007 Q4	1 631	402	- 85	1 229	1 231	- 6 130	- 1 336	43	- 1 358	996	- 843	- 225	- 1 336
2008 Q1	412	615	- 152	980	806	- 3 905	- 1 147	- 388	- 1 153	584	408	- 465	- 1 147
2008 Q2	856	394	- 43	733	831	- 2 505	380	19	- 1 677	615	1 869	- 536	380
2008 Q3	772	547	1 085	641	- 616	- 2 233	310	88	- 1 304	455	1 706	- 575	310
2008 Q4	805	648	1 079	457	- 596	- 1 700	603	85	- 905	480	1 807	- 675	603
2009 Q1	1 215	1 044	1 036	216	- 574	- 936	1 817	18	- 47	550	1 962	- 396	1 817
2009 Q2	694	727	952	193	- 500	- 496	1 566	8	- 678	436	2 416	- 645	1 566
2009 Q3	33	950	937	305	- 549	- 887	827	- 152	- 850	413	2 161	- 735	827
2009 Q4	- 271	915	938	311	- 706	- 1 080	123	- 131	- 1 182	276	1 999	- 795	123
2010 Q1	383	1 142	933	274	- 583	- 1 111	897	- 24	- 684	453	1 848	- 567	897
2010 Q2	317	552	990	222	- 576	- 601	911	- 32	- 1 175	397	2 220	- 554	911
2010 Q3	290	590	991	315	- 563	- 755	859	- 108	- 977	431	2 107	- 564	859
2010 Q4	272	542	1 000	282	- 566	- 737	795	- 128	- 1 088	436	2 020	- 517	795
2011 Q1	176	825	991	262	- 617	- 975	523	- 71	- 795	438	1 884	- 638	523
2011 Q2	375	419	1 026	183	- 597	- 330	1 098	9	- 1 135	393	2 528	- 626	1 098
2011 Q3	426	557	1 019	238	- 540	- 508	1 214	- 60	- 805	437	2 308	- 530	1 214
2011 Q4	592	533	1 023	235	- 483	- 534	1 411	- 42	- 749	523	2 420	- 616	1 411
2012 Q1	396	778	1 025	233	- 859	- 1 148	392	142	- 670	192	1 581	- 669	392
2012 Q2	- 246	362	873	185	- 538	- 497	118	- 9	- 1 856	324	2 417	- 664	118
2012 Q3	471	387	882	239	- 297	- 590	1 099	- 2	- 1 088	586	2 324	- 598	1 099
2012 Q4	1 135	404	883	234	- 136	- 530	2 020	124	- 916	746	2 628	- 427	2 020
2013 Q1	292	537	798	245	- 464	- 921	416	- 30	- 851	340	1 807	- 632	416
2013 Q2	143	318	777	201	- 223	- 522	629	254	- 2 273	487	2 786	- 572	629
2013 Q3	1 210	478	794	286	- 107	- 763	1 904	607	- 1 184	659	2 467	- 614	1 904
2013 Q4	877	557	772	307	- 225	- 902	1 389	476	- 1 368	504	2 573	- 765	1 389
2014 Q1	1 559	738	686	309	- 1 618	- 1 329	241	881	- 138	- 980	1 645	- 1 042	241
2014 Q2	1 194	496	1 026	269	- 562	- 757	1 723	1 414	- 1 357	421	2 335	- 1 161	1 723
2014 Q3	969	848	1 097	359	- 347	- 1 189	1 761	1 161	- 704	702	1 676	- 1 106	1 761
2014 Q4	890	1 129	1 092	343	- 205	- 1 126	2 138	831	23	843	1 525	- 1 111	2 138
2015 Q1	1064	1832	832	324	-519	-1297	2217	1543	543	256	1932	-2059	2217
2015 Q2	988	367	781	256	-328	-825	1248	965	-428	405	2138	-1857	1248
2015 Q3	-1407	388	807	363	-204	-1287	-1331	399	-1237	558	715	-1757	-1331
2015 Q4	1819	427	810	363	-280	-1227	1911	1474	-277	481	1892	-1640	1911
2016 Q1	673	422	828	321	-249	-1050	945	1169	-1105	581	2089	-1789	945
2016 Q2	962	737	958	332	-289	-1106	1594	1476	-964	617	2420	-1955	1594
2016 Q3	1583	800	994	355	-238	-1194	2300	2399	-1196	705	2367	-1975	2300
2016 Q4	1185	544	981	379	-102	-1256	1731	1645	-1080	723	2628	-2185	1731
2017 Q1	1408	391	884	326	-106	-1036	1867	1602	-2030	708	3827	-2240	1867
2017 Q2	1826	210	842	352	-132	-1211	1887	1721	-1009	670	2435	-1930	1887

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G6R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1997 Q2	-0.4	-0.2	0.2	-55.4	4.0	21.3	0.3	-1.1	-4.4	3.3	3.2	-0.7	0.3
1997 Q3	0.1	0.7	1.2	-2.2	2.7	-6.0	0.4	2.0	2.5	2.7	-1.8	-0.1	0.4
1997 Q4	0.2	-0.3	-0.2	-1.3	0.4	3.8	0.7	0.9	0.4	0.4	3.1	-0.6	0.7
1998 Q1	-2.6	0.4	-1.1	32.0	-2.8	-20.1	-2.7	-10.3	-0.9	-2.7	-3.7	-3.9	-2.7
1998 Q2	0.4	-0.6	0.0	-36.8	-0.8	32.1	0.4	-1.5	-2.2	-0.7	6.2	-1.1	0.4
1998 Q3	0.7	-0.8	1.7	14.6	0.2	-7.4	0.0	3.0	2.4	0.2	-8.1	0.6	0.0
1998 Q4	0.2	2.3	0.3	0.3	1.0	5.6	1.2	1.0	1.2	0.9	4.2	0.8	1.2
1999 Q1	-1.5	0.4	-0.4	66.1	-0.8	-16.4	-1.9	-3.0	-0.3	-0.7	-7.1	-2.2	-1.9
1999 Q2	0.3	0.3	0.5	-40.5	2.0	14.5	0.8	-2.2	-2.9	1.7	5.4	0.9	0.8
1999 Q3	0.5	0.0	0.6	32.1	1.3	1.1	0.0	-1.1	2.8	1.3	-6.8	2.0	0.0
1999 Q4	1.0	0.5	-0.5	12.2	0.9	1.0	0.9	2.2	-0.2	0.9	0.5	1.6	0.9
2000 Q1	-1.2	-1.1	-0.2	2.0	0.0	-9.1	-1.2	-0.1	0.5	0.0	-4.3	0.1	-1.2
2000 Q2	0.0	0.7	0.2	-20.4	0.3	14.9	0.9	-0.9	-3.7	0.4	6.8	-0.7	0.9
2000 Q3	-1.0	-4.6	2.1	-14.1	-0.4	-23.6	-1.4	-1.5	0.0	-0.3	-8.1	-0.6	-1.4
2000 Q4	-0.1	5.6	-2.0	28.6	-0.8	27.1	0.5	-2.8	0.3	-0.9	5.2	0.5	0.5
2001 Q1	0.2	-0.1	-0.2	97.2	1.3	-14.6	-0.2	-0.6	5.1	1.1	-4.0	-5.2	-0.2
2001 Q2	-1.3	0.8	0.7	-45.3	-0.6	9.8	-0.9	3.5	-4.6	-0.4	2.4	-2.2	-0.9
2001 Q3	-0.3	0.2	0.8	12.3	-0.3	-4.5	-0.8	1.3	5.0	-0.2	-6.6	-1.1	-0.8
2001 Q4	-0.1	0.1	0.2	13.2	-0.2	-5.6	-0.2	5.2	1.2	-0.2	-0.9	0.0	-0.2
2002 Q1	1.4	0.5	0.7	41.3	2.9	-2.4	1.9	-6.2	3.9	2.8	-0.8	2.1	1.9
2002 Q2	-1.5	-0.6	-0.4	-54.0	-0.2	-1.3	-1.4	1.2	-3.8	-0.1	-3.3	-0.8	-1.4
2002 Q3	-3.8	2.3	3.5	25.2	0.5	15.4	-1.8	-0.7	0.7	0.6	-4.5	-1.4	-1.8
2002 Q4	5.3	0.6	0.7	94.2	-0.3	-5.0	3.6	0.6	-1.9	-0.3	13.4	1.4	3.6
2003 Q1	-1.1	-0.9	1.1	-88.9	0.3	-33.2	-1.3	-0.5	-0.3	0.3	-2.5	-1.1	-1.3
2003 Q2	-2.9	-0.2	-0.3	-34.7	-0.6	29.3	-0.4	0.8	-10.5	-0.4	7.5	-1.6	-0.4
2003 Q3	-0.2	1.9	0.2	-6.0	-0.1	-12.8	-1.2	-2.0	7.1	-0.1	-9.3	0.1	-1.2
2003 Q4	-1.5	0.1	-0.2	9.6	-0.3	-1.2	-1.0	-3.4	0.8	-0.3	-0.7	-2.6	-1.0
2004 Q1	-5.1	0.2	-0.2	56.6	0.8	5.1	-2.8	1.7	-11.8	0.7	-3.7	1.2	-2.8
2004 Q2	5.6	-0.5	-0.3	-20.0	0.0	12.6	3.2	1.0	8.7	0.1	2.1	0.7	3.2
2004 Q3	2.7	-0.5	-0.7	-1.8	0.1	-8.6	0.5	0.1	6.3	0.0	-5.1	2.1	0.5
2004 Q4	2.1	0.8	-0.4	14.9	0.5	0.8	2.1	2.4	0.8	0.5	4.9	3.3	2.1
2005 Q1	-2.6	1.5	-0.5	28.5	0.9	-7.8	-2.9	-11.0	-0.2	0.7	-8.7	-0.2	-2.9
2005 Q2	1.8	2.0	-0.1	-19.8	0.7	22.4	3.3	17.9	-2.3	0.9	4.8	0.4	3.3
2005 Q3	0.3	-4.3	0.2	25.5	0.5	-10.0	-2.6	-0.6	1.2	0.4	-6.6	0.3	-2.6
2005 Q4	0.8	0.4	0.0	1.9	0.3	0.5	0.4	0.0	1.6	0.2	-0.5	0.8	0.4
2006 Q1	0.2	0.3	-1.0	57.5	0.1	-8.8	-0.8	0.7	2.9	-0.2	-4.4	-1.0	-0.8
2006 Q2	-0.6	-0.1	-0.1	-35.5	0.0	15.4	1.3	-3.3	-4.4	0.5	6.3	-1.1	1.3
2006 Q3	-0.6	-0.8	-1.7	30.3	0.0	-4.6	-1.3	-3.7	1.6	-0.3	-4.4	0.8	-1.3
2006 Q4	0.8	-0.8	-0.5	-3.3	0.0	-3.4	0.0	2.2	2.1	0.0	-1.8	0.8	0.0
2007 Q1	-0.5	-1.0	-0.2	45.5	0.5	-5.6	-0.5	-1.3	1.8	0.3	-2.0	-0.3	-0.5
2007 Q2	0.7	0.3	0.1	-50.3	0.0	5.1	0.3	4.9	-4.2	0.5	1.5	0.1	0.3
2007 Q3	-0.6	0.3	-1.0	40.6	-0.2	14.2	0.8	-0.8	2.0	-0.3	2.0	0.2	0.8
2007 Q4	0.2	0.7	0.1	-8.0	0.4	-16.0	-1.0	-1.0	1.2	0.3	-2.5	1.0	-1.0
2008 Q1	-2.3	0.5	-0.4	45.9	-2.2	2.3	0.1	-15.2	0.7	-2.3	4.1	-1.6	0.1
2008 Q2	1.1	0.3	0.2	-31.6	0.2	23.5	1.8	50.8	-4.1	0.5	5.4	-0.5	1.8
2008 Q3	-0.2	0.7	206.5	20.3	-8.5	-4.3	-0.1	1.9	3.1	-0.8	-1.0	-0.2	-0.1
2008 Q4	0.1	0.1	-3.3	1.7	0.0	-4.0	0.4	0.1	2.7	0.3	0.5	-0.6	0.4
2009 Q1	1.3	1.1	-34.7	67.1	-0.5	5.4	1.7	-1.8	5.2	0.7	0.3	1.7	1.7
2009 Q2	-1.3	1.0	22.1	-47.1	0.5	39.9	0.1	-0.6	-4.9	-0.5	4.0	-1.8	0.1
2009 Q3	-2.1	-0.4	-52.6	47.2	-0.4	-9.9	-1.7	-5.6	-0.5	-0.3	-4.1	-0.5	-1.7
2009 Q4	-0.9	-0.6	-5.3	10.1	-1.6	-7.1	-1.1	0.2	-2.5	-1.0	-1.2	-0.3	-1.1
2010 Q1	1.9	-1.1	-22.0	11.9	0.8	-11.4	1.2	5.3	4.3	1.4	-1.8	1.8	1.2
2010 Q2	-0.2	-0.4	25.6	-44.9	1.0	39.3	0.2	-0.2	-4.6	-0.7	3.5	0.0	0.2
2010 Q3	-0.1	-0.8	-42.6	38.7	0.5	-0.7	-0.3	-2.4	3.4	0.0	-2.9	0.0	-0.3
2010 Q4	-0.1	-0.5	-1.4	-2.4	0.0	-2.2	-0.2	0.6	-0.1	0.0	-0.4	0.3	-0.2
2011 Q1	-0.2	0.2	-27.7	19.5	-0.9	-13.4	-0.4	-0.5	1.9	0.2	-2.4	-0.8	-0.4
2011 Q2	0.6	0.0	28.1	-51.0	0.7	34.7	0.9	5.2	-3.2	-0.3	4.4	-0.3	0.9
2011 Q3	0.0	0.3	-38.1	30.5	0.6	-4.5	0.0	-3.0	4.4	0.2	-3.5	0.9	0.0
2011 Q4	0.3	-0.3	-3.3	-0.6	0.5	-1.0	0.2	1.9	0.9	0.5	0.1	-0.5	0.2
2012 Q1	-0.3	-0.1	-28.3	7.0	-3.2	-23.1	-1.5	7.0	0.4	-2.1	-5.1	-0.3	-1.5
2012 Q2	-1.6	-0.4	21.0	-38.1	2.8	34.8	-0.4	-6.2	-9.0	1.0	4.3	-0.2	-0.4
2012 Q3	2.0	0.0	-36.2	41.0	2.0	-0.8	1.6	0.3	8.4	1.9	-1.3	0.6	1.6
2012 Q4	1.6	-0.1	-3.0	-4.0	1.4	1.7	1.2	5.5	2.5	1.1	0.6	1.4	1.2
2013 Q1	-1.6	-0.5	-33.2	31.3	-2.8	-14.6	-2.2	-3.5	0.4	-2.6	-3.5	-1.3	-2.2
2013 Q2	-0.4	0.1	22.4	-54.0	2.8	23.8	0.3	17.1	-10.9	0.8	4.8	0.2	0.3
2013 Q3	2.7	1.1	-35.0	45.0	0.9	-3.6	1.8	11.9	13.1	1.1	-2.7	-0.2	1.8
2013 Q4	-1.0	0.5	-5.2	-1.1	-0.8	-2.4	-0.9	-6.2	-0.6	-1.1	-0.1	-0.8	-0.9
2014 Q1	1.8	-1.3	-33.9	28.6	-9.9	-14.0	-1.6	16.1	8.1	-9.8	-4.8	-1.6	-1.6
2014 Q2	-1.1	0.7	37.3	-48.9	8.0	26.9	2.0	2.7	-8.2	8.9	3.7	-1.2	2.0
2014 Q3	-0.6	2.6	-41.8	39.5	1.7	-7.9	0.0	-7.2	5.6	1.6	-3.8	0.5	0.0
2014 Q4	-0.3	2.2	-5.7	3.6	0.9	-0.1	0.5	-13.2	4.9	0.9	-0.9	0.4	0.5
2015 Q1	0.5	1.5	-47.9	32.7	-2.3	-10.3	0.0	13.5	3.4	-3.5	0.8	-5.9	0.0
2015 Q2	-0.2	-3.9	18.7	-56.4	1.9	23.2	-1.0	-14.7	-6.1	0.8	1.9	0.9	-1.0
2015 Q3	-5.4	-0.2	-34.8	44.0	0.7	-7.9	-3.5	-7.8	-5.8	0.9	-6.8	0.7	-3.5
2015 Q4	7.4	0.4	1.4	0.0	-0.4	1.9	4.3	23.1	7.2	-0.5	4.6	1.0	4.3
2016 Q1	-2.2	-1.9	-17.1	0.8	0.1	0.7	-1.2	-6.3	-5.5	0.7	0.3	-0.9	-1.2
2016 Q2	0.6	3.0	27.0	-0.9	-0.1	-0.4	0.8	-2.3	0.7	0.1	2.3	-1.3	0.8
2016 Q3	1.4	-0.7	-23.8	0.1	0.3	-0.3	0.8	15.7	-1.4	0.4	-1.1	-0.1	0.8
2016 Q4	-1.0	-2.2	-4.6	0.7	0.8	0.4	-0.8	-11.0	1.2	0.0	0.6	-0.8	-0.8
2017 Q1	0.6	-3.2	-31.7	0.6	-0.1	0.9	0.2	3.0	-6.6	0.0	3.5	-0.4	0.2
2017 Q2	0.9	-0.2	16.6	-1.9	-0.1	-2.0	0.2	-3.2	6.4	-0.3	-2.8	1.4	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.

G7R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%) (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998 Q1	-3.2	0.2	0.6	-20.5	4.2	-14.6	-1.5	-5.6	-3.0	3.7	1.4	-5.6	-1.5
1998 Q2	-2.2	-0.5	0.0	-10.1	-0.7	-2.9	-1.2	-5.9	-0.5	-0.7	5.7	-6.0	-1.2
1998 Q3	-1.6	-1.8	0.4	-1.8	-3.2	-3.1	-1.7	-4.1	-0.4	-2.9	0.4	-5.3	-1.7
1998 Q4	-1.5	0.8	1.0	-0.1	-2.3	-0.3	-1.1	-4.7	0.2	-2.2	1.5	-4.0	-1.1
1999 Q1	-0.4	0.8	1.1	13.1	-0.3	20.1	-0.4	-0.1	0.7	-0.2	-1.8	-2.2	-0.4
1999 Q2	-0.5	2.6	2.3	-8.4	2.1	2.2	0.0	-0.9	-0.2	2.2	-3.3	0.1	0.0
1999 Q3	-0.8	2.9	1.0	2.5	3.5	11.4	0.0	-4.4	0.0	3.3	-2.1	1.5	0.0
1999 Q4	0.1	1.2	0.9	21.1	3.2	4.9	-0.2	-3.0	-1.1	3.1	-6.0	2.4	-0.2
2000 Q1	0.5	0.3	0.9	-30.4	4.4	9.8	0.6	-1.1	-0.4	4.1	-3.2	4.7	0.6
2000 Q2	0.2	1.0	0.5	12.0	2.7	9.8	0.6	0.7	-0.8	2.6	-1.1	3.2	0.6
2000 Q3	-1.2	-3.1	1.7	-21.6	0.8	-17.8	-0.9	-0.2	-3.2	0.9	-2.8	0.4	-0.9
2000 Q4	-2.5	1.0	0.1	-11.2	-1.1	0.9	-1.5	-6.3	-3.0	-1.0	1.3	-0.7	-1.5
2001 Q1	-0.9	1.6	0.3	59.3	0.3	-3.8	-0.3	-5.3	2.2	0.2	1.6	-6.1	-0.3
2001 Q2	-2.2	1.8	1.9	16.3	-0.6	-10.0	-2.1	-4.1	0.3	-0.6	-4.4	-7.5	-2.1
2001 Q3	-1.5	8.1	0.4	69.0	-0.5	22.3	-1.4	0.5	4.9	-0.5	-3.0	-8.2	-1.4
2001 Q4	-1.3	1.6	3.3	41.7	0.2	-18.5	-2.0	8.5	5.5	0.3	-7.7	-8.9	-2.0
2002 Q1	-0.2	2.0	3.4	-0.9	1.8	-3.8	0.0	12.7	4.4	1.9	-4.7	-1.1	0.0
2002 Q2	-0.2	-0.2	0.1	-9.6	2.4	-15.9	-0.4	8.7	6.0	2.3	-10.5	0.3	-0.4
2002 Q3	-3.9	1.5	1.7	4.2	3.2	3.4	-1.6	6.1	1.8	3.1	-9.1	0.0	-1.6
2002 Q4	1.2	2.0	2.9	93.0	3.5	5.2	2.2	-5.8	-1.0	3.5	3.9	1.4	2.2
2003 Q1	-1.6	1.0	3.0	-77.8	0.4	-34.9	-1.2	0.1	-6.3	0.6	2.3	-2.0	-1.2
2003 Q2	-3.2	1.4	3.1	-44.6	0.0	2.2	-0.3	0.2	-14.4	0.2	14.7	-2.8	-0.3
2003 Q3	0.4	1.1	0.3	-92.7	-0.6	-22.1	0.5	-1.1	-9.1	-0.5	9.7	-1.2	0.5
2003 Q4	-5.7	0.5	-0.3	-149.0	-0.5	-18.3	-3.6	-4.6	-6.0	-0.4	-2.1	-5.1	-3.6
2004 Q1	-9.6	1.3	-0.8	2.1	-0.1	31.2	-5.3	-3.2	-17.3	-0.1	-3.1	-2.8	-5.3
2004 Q2	-0.5	1.3	-0.9	45.7	0.4	8.5	-1.0	-3.8	7.4	0.3	-11.0	-0.3	-1.0
2004 Q3	2.1	-1.2	-1.4	42.8	0.6	9.9	0.6	-1.4	6.6	0.5	-6.6	1.6	0.6
2004 Q4	5.5	-0.3	-1.6	43.7	1.3	10.4	3.5	4.6	6.9	1.1	-0.5	7.5	3.5
2005 Q1	7.5	0.8	-1.9	21.5	1.5	-3.0	3.3	-5.8	15.2	1.2	-4.9	6.2	3.3
2005 Q2	5.0	2.0	-1.5	20.3	2.4	4.6	3.4	4.7	3.9	2.1	-1.6	6.0	3.4
2005 Q3	0.8	3.9	-1.1	39.5	2.6	5.8	0.4	4.0	-1.3	2.4	-2.8	3.9	0.4
2005 Q4	-0.6	3.4	-0.7	35.0	2.3	6.7	-1.5	1.3	-0.2	2.2	-9.1	1.3	-1.5
2006 Q1	2.5	2.3	-1.1	71.9	1.5	7.6	0.5	15.0	3.1	1.3	-4.8	0.4	0.5
2006 Q2	0.5	-3.8	-0.5	15.9	0.8	1.9	-1.5	-2.9	0.7	0.7	-2.6	-1.1	-1.5
2006 Q3	-0.3	-0.1	-1.6	18.8	0.3	5.7	-0.2	-6.9	1.1	0.2	-0.6	-0.6	-0.2
2006 Q4	-0.3	-1.3	-1.9	14.0	0.0	1.6	-0.7	-4.6	1.5	0.0	-2.0	-0.4	-0.7
2007 Q1	-1.0	-2.2	-1.4	5.4	0.4	4.3	-0.4	-5.3	0.1	0.3	0.3	0.3	-0.4
2007 Q2	0.4	-1.6	-1.2	-2.0	0.5	-9.8	-1.6	1.0	-0.1	0.4	-6.6	1.5	-1.6
2007 Q3	0.4	-0.5	-0.8	7.2	0.4	8.7	0.4	3.0	0.4	0.4	0.0	1.0	0.4
2007 Q4	-0.2	0.7	-0.3	2.1	0.8	-6.7	-0.4	0.1	-0.6	0.7	-0.6	1.0	-0.4
2008 Q1	-2.3	2.0	-0.5	5.0	-1.9	1.8	0.3	-13.8	-1.5	-1.7	5.8	-0.4	0.3
2008 Q2	-2.0	1.9	0.0	21.3	-1.8	14.1	2.0	-3.2	-1.1	-1.8	9.8	-1.1	2.0
2008 Q3	-1.6	2.4	118.0	10.4	-9.7	1.7	1.1	0.3	0.1	-2.1	7.0	-1.6	1.1
2008 Q4	-1.5	1.7	112.1	12.5	-9.6	5.8	2.2	1.5	1.6	-2.1	8.2	-3.0	2.2
2009 Q1	2.2	2.3	65.3	25.2	-7.3	7.2	3.6	32.3	6.0	0.5	5.7	0.3	3.6
2009 Q2	0.0	3.5	177.6	32.5	-6.9	12.7	1.8	-0.2	3.3	-0.2	4.2	-1.1	1.8
2009 Q3	-1.5	2.8	-10.8	59.8	-0.3	18.6	0.8	-7.5	1.1	0.2	2.5	-1.3	0.8
2009 Q4	-2.4	1.9	-13.1	90.3	-1.7	24.1	-0.6	-7.1	-3.0	-0.8	1.2	-1.0	-0.6
2010 Q1	-2.3	0.2	-4.6	5.9	-0.6	-2.3	-1.3	-1.9	-4.9	-0.3	-0.6	-1.2	-1.3
2010 Q2	-1.2	-2.6	2.2	2.8	-0.4	-2.0	-1.3	-1.4	-4.2	-0.5	-1.3	0.9	-1.3
2010 Q3	0.7	-2.6	6.6	-0.2	0.4	5.7	-0.1	3.3	-0.3	-0.2	-0.3	1.6	-0.1
2010 Q4	1.7	-2.5	9.4	-11.8	2.5	10.0	1.0	5.3	2.3	0.9	0.5	2.2	1.0
2011 Q1	-0.7	-1.7	6.1	-4.9	0.5	9.7	-0.6	-2.0	-0.3	-0.5	0.0	-0.3	-0.6
2011 Q2	0.2	-0.8	11.6	-17.7	0.2	8.5	0.3	1.1	1.4	-0.2	1.2	-0.6	0.3
2011 Q3	0.3	0.1	12.0	-19.8	0.3	5.0	0.5	0.0	2.3	0.1	0.7	0.3	0.5
2011 Q4	0.8	0.3	10.7	-20.1	0.8	7.3	0.8	0.6	3.3	0.5	1.3	-0.6	0.8
2012 Q1	0.6	0.1	9.5	-35.5	-1.9	-4.6	-0.2	13.1	1.6	-1.8	-1.3	-0.1	-0.2
2012 Q2	-1.8	-0.8	-8.5	-17.5	0.3	-5.2	-1.7	-0.9	-6.3	-0.4	-2.3	-0.1	-1.7
2012 Q3	0.0	-0.9	-7.0	-9.4	1.6	-1.7	-0.2	3.5	-2.5	1.2	-0.3	-0.5	-0.2
2012 Q4	1.2	-0.7	-6.8	-12.8	2.4	1.3	0.8	6.7	-1.2	1.7	0.2	1.4	0.8
2013 Q1	-0.3	-0.9	-10.2	10.8	3.0	13.6	0.0	-5.4	-1.2	1.2	1.2	0.4	0.0
2013 Q2	1.1	-0.1	-9.7	-7.0	3.1	2.2	0.8	10.6	-3.5	1.0	1.3	0.8	0.8
2013 Q3	1.8	0.8	-8.4	-8.0	1.9	-0.5	1.1	26.4	0.0	0.0	0.0	0.0	1.1
2013 Q4	-0.6	1.2	-10.5	-4.7	-0.6	-6.0	-1.1	11.3	-2.9	-2.3	-0.6	-2.1	-1.1
2014 Q1	3.2	0.7	-10.4	-6.6	-9.3	-5.6	-0.3	53.3	4.9	-10.6	-1.7	-2.4	-0.3
2014 Q2	2.7	2.0	17.0	5.2	-2.4	-2.6	1.6	41.8	11.6	-0.7	-2.4	-3.8	1.6
2014 Q3	-0.6	3.3	13.6	2.4	-1.7	-7.3	-0.4	13.7	4.2	-0.1	-3.4	-3.2	-0.4
2014 Q4	0.0	4.9	13.3	7.5	0.2	-4.2	1.0	6.8	9.6	2.0	-4.2	-2.1	1.0
2015 Q1	-1.5	6.3	1.1	13.7	8.0	-0.3	2.6	-10.9	4.5	8.1	1.0	-6.3	2.6
2015 Q2	-0.6	-2.0	-30.2	-0.3	2.0	-2.6	-0.8	-30.1	6.2	-0.4	-1.3	-4.4	-0.8
2015 Q3	-5.7	-4.0	-25.2	1.0	1.0	-2.4	-4.1	-28.0	-3.7	-1.1	-4.2	-4.1	-4.1
2015 Q4	2.0	-5.4	-16.5	-3.0	-0.4	-0.5	-0.3	12.7	-1.9	-2.6	1.4	-3.3	-0.3
2016 Q1	-0.8	-7.4	3.6	-37.9	2.2	19.1	-1.5	-6.3	-10.7	2.0	0.8	1.8	-1.5
2016 Q2	-0.1	3.7	14.8	40.3	0.3	-5.0	0.4	6.1	-4.0	1.2	1.3	-0.6	0.4
2016 Q3	6.7	3.5	17.8	0.2	-0.1	2.0	4.7	40.8	0.0	0.8	6.5	-1.3	4.7
2016 Q4	-1.4	0.8	13.4	0.8	1.2	0.5	-0.3	-3.2	-5.3	1.4	2.7	-3.1	-0.3
2017 Q1	1.7	-0.4	3.2	0.5	1.0	0.6	1.2	7.5	-6.4	0.6	5.9	-2.5	1.2
2017 Q2	1.9	-5.7	-20.4	-0.5	1.0	-0.8	0.4	5.7	-0.2	0.2	-0.6	0.3	0.4

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G8R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (Reference Year 2015)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
1997	12 004	- 1 258	- 345	3 770	- 1 301	- 8 467	6 862	961	- 4 927	- 2 135	10 987	1 986	6 862
1998	10 391	- 1 432	- 307	3 270	- 1 678	- 8 089	4 188	500	- 5 742	- 2 487	13 698	- 67	4 188
1999	9 930	- 1 060	- 234	4 255	- 396	- 9 996	3 961	108	- 5 783	- 1 151	12 427	126	3 961
2000	9 169	- 1 078	- 184	4 353	563	- 10 813	3 391	- 76	- 7 048	- 201	11 294	947	3 391
2001	6 330	- 525	- 256	5 518	443	- 13 210	- 482	- 82	- 4 662	- 285	8 486	- 2 636	- 482
2002	5 126	- 162	- 192	6 893	2 059	- 15 580	- 453	661	- 3 679	1 374	3 281	- 2 557	- 453
2003	1 334	100	- 150	13 707	2 095	- 20 831	- 3 565	367	- 8 128	1 430	8 076	- 3 940	- 3 565
2004	242	242	- 193	12 173	2 597	- 20 753	- 5 232	147	- 8 123	1 833	4 550	- 3 304	- 5 232
2005	5 032	1 136	- 261	6 579	4 128	- 19 401	- 1 389	295	- 5 188	3 293	964	- 1 472	- 1 389
2006	5 604	1 521	- 340	5 979	4 428	- 21 910	- 2 822	274	- 4 603	3 561	- 1 280	- 1 702	- 2 822
2007	5 964	1 155	- 361	5 032	4 762	- 22 829	- 4 384	249	- 5 051	3 841	- 2 827	- 1 301	- 4 384
2008	2 845	2 203	1 969	2 812	425	- 10 343	146	- 196	- 5 039	2 133	5 790	- 2 251	146
2009	1671	3636	3864	1025	-2329	-3399	4333	-257	-2758	1675	8538	-2570	4333
2010	1262	2826	3914	1093	-2288	-3204	3462	-292	-3924	1717	8196	-2202	3462
2011	1568	2334	4059	917	-2237	-2347	4246	-164	-3484	1791	9139	-2410	4246
2012	1756	1931	3662	891	-1830	-2765	3629	256	-4530	1848	8950	-2358	3629
2013	2521	1891	3141	1040	-1018	-3108	4338	1306	-5676	1990	9633	-2583	4338
2014	4613	3212	3902	1280	-2732	-4401	5863	4287	-2175	985	7182	-4419	5863
2015	2464	3013	3230	1306	-1331	-4636	4045	4381	-1399	1700	6677	-7314	4045
2016	4403	2503	3761	1387	-878	-4606	6570	6689	-4345	2626	9504	-7904	6570

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998	-2.1	-0.2	0.7	-8.8	-0.6	-5.0	-1.3	-5.1	-0.8	-0.5	2.0	-5.3	-1.3
1999	-0.4	1.7	1.1	8.3	2.1	9.1	-0.1	-2.0	-0.2	2.0	-3.2	0.4	-0.1
2000	-0.8	-0.1	0.7	-15.7	1.7	-1.6	-0.3	-1.7	-1.9	1.6	-1.4	1.9	-0.3
2001	-1.5	2.9	1.5	44.3	-0.1	-4.9	-1.5	0.0	3.2	-0.1	-3.2	-7.7	-1.5
2002	-0.9	1.4	2.2	23.1	2.7	-2.3	0.0	7.0	2.6	2.6	-5.2	0.2	0.0
2003	-2.5	0.9	1.4	-98.8	-0.2	-17.9	-1.2	-1.4	-8.6	-0.1	5.9	-2.8	-1.2
2004	-0.7	0.4	-1.2	28.1	0.6	14.8	-0.6	-1.3	0.3	0.5	-4.9	1.5	-0.6
2005	3.4	2.4	-1.3	29.2	2.2	3.6	1.5	1.2	5.3	1.9	-4.7	4.2	1.5
2006	0.6	-1.7	-1.3	29.3	0.7	3.3	-0.5	-0.5	1.7	0.5	-2.4	-0.4	-0.5
2007	-0.1	-1.0	-1.0	2.6	0.5	-0.2	-0.5	0.0	0.0	0.4	-1.4	1.0	-0.5
2008	-1.8	2.0	51.8	12.8	-5.7	5.6	1.4	-3.5	-0.2	-2.0	7.6	-1.6	1.4
2009	-0.4	2.5	29.7	44.5	-4.5	15.1	1.4	-0.7	2.0	0.0	3.5	-0.7	1.4
2010	-0.4	-1.6	2.8	-2.0	0.4	3.7	-0.5	0.5	-2.1	-0.1	-0.4	0.8	-0.5
2011	0.2	-0.6	9.3	-15.2	0.4	6.8	0.3	0.2	1.8	0.1	0.8	-0.3	0.3
2012	0.1	-0.5	0.0	-19.6	0.7	-2.3	-0.2	5.3	-2.0	0.2	-0.8	0.2	-0.2
2013	0.4	0.0	-9.5	-1.9	1.9	2.3	0.2	10.2	-2.0	0.0	0.5	-0.3	0.2
2014	1.2	2.5	6.4	1.7	-3.1	-5.1	0.4	24.1	7.1	-2.1	-3.0	-2.8	0.4
2015	-1.4	-0.2	-16.6	3.3	2.7	-1.5	-0.6	-11.6	1.1	1.0	-0.7	-4.6	-0.6
2016	1.1	-1.1	11.9	-3.0	0.8	2.7	0.8	8.0	-5.2	1.3	2.9	-0.8	0.8

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

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

G9R Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level

£ million

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
1997 Q1	773	11	- 16	639	- 247	- 1 314	- 151	- 29	- 713	- 264	1 107	- 252	- 151
1997 Q2	368	- 52	- 6	744	- 117	- 1 474	- 536	205	- 1 128	- 123	767	- 257	- 536
1997 Q3	174	44	- 4	620	62	- 1 386	- 491	- 31	- 927	57	660	- 250	- 491
1997 Q4	685	- 3	26	634	11	- 1 346	4	165	- 1 036	36	1 105	- 266	4
1998 Q1	253	- 91	- 14	550	- 4	- 1 312	- 617	- 133	- 1 169	- 20	1 190	- 485	- 617
1998 Q2	573	7	- 11	573	- 197	- 1 272	- 328	127	- 1 101	- 210	1 420	- 563	- 328
1998 Q3	188	69	- 5	656	- 160	- 1 523	- 774	- 62	- 1 011	- 163	945	- 484	- 774
1998 Q4	647	15	29	557	- 123	- 1 218	- 92	115	- 1 107	- 92	1 411	- 418	- 92
1999 Q1	185	- 130	- 11	745	- 79	- 1 591	- 881	- 9	- 1 216	- 91	985	- 550	- 881
1999 Q2	518	39	- 21	662	- 57	- 1 461	- 319	10	- 1 094	- 75	1 335	- 496	- 319
1999 Q3	- 155	96	1	827	38	- 1 755	- 948	- 253	- 1 201	40	829	- 363	- 948
1999 Q4	682	- 5	31	892	160	- 1 837	- 78	28	- 1 014	189	1 001	- 282	- 78
2000 Q1	1 001	- 220	- 14	881	136	- 1 790	- 7	174	- 1 020	121	937	- 219	- 7
2000 Q2	619	296	- 18	892	133	- 1 705	215	11	- 1 440	115	1 809	- 280	215
2000 Q3	- 221	- 36	7	707	82	- 2 101	- 1 559	- 247	- 1 510	90	414	- 307	- 1 559
2000 Q4	23	- 40	24	771	106	- 1 638	- 754	- 134	- 1 613	131	1 255	- 392	- 754
2001 Q1	653	- 227	- 25	982	165	- 1 895	- 348	144	- 932	139	1 115	- 814	- 348
2001 Q2	- 223	484	- 31	1 055	107	- 2 144	- 752	- 146	- 1 268	76	1 624	- 1 039	- 752
2001 Q3	- 664	- 95	23	1 136	21	- 2 536	- 2 113	- 206	- 1 106	44	197	- 1 041	- 2 113
2001 Q4	- 32	- 162	32	1 093	80	- 2 638	- 1 626	130	- 841	112	- 1	- 1 027	- 1 626
2002 Q1	1 081	- 168	- 37	1 276	254	- 2 637	- 230	309	- 387	216	384	- 752	- 230
2002 Q2	- 78	654	- 11	1 363	290	- 3 124	- 904	351	- 817	277	39	- 755	- 904
2002 Q3	- 1 489	- 214	31	1 329	312	- 2 755	- 2 788	32	- 976	343	- 1 299	- 888	- 2 788
2002 Q4	451	- 272	17	1 564	343	- 3 042	- 940	59	- 1 021	359	384	- 721	- 940
2003 Q1	860	- 245	- 25	3 020	256	- 4 404	- 538	377	- 911	231	493	- 729	- 538
2003 Q2	- 439	154	- 7	2 607	260	- 3 358	- 781	- 27	- 1 795	253	1 771	- 984	- 781
2003 Q3	- 750	271	30	2 740	271	- 3 983	- 1 418	8	- 1 601	301	752	- 878	- 1 418
2003 Q4	- 669	- 180	2	2 734	211	- 4 024	- 1 930	30	- 1 546	211	410	- 1 036	- 1 930
2004 Q1	- 2 148	- 294	3	2 570	231	- 3 789	- 3 422	184	- 3 468	234	481	- 853	- 3 422
2004 Q2	82	- 42	- 10	2 841	246	- 4 174	- 1 059	106	- 1 067	236	519	- 853	- 1 059
2004 Q3	160	488	12	2 499	310	- 4 006	- 538	139	- 433	322	119	- 685	- 538
2004 Q4	831	- 152	- 4	2 113	350	- 3 345	- 209	- 187	- 248	347	424	- 545	- 209
2005 Q1	730	872	9	1 324	404	- 3 684	- 341	34	391	414	- 583	- 597	- 341
2005 Q2	349	- 2 220	- 7	1 282	532	- 2 932	- 3 000	61	- 3 098	524	56	- 543	- 3 000
2005 Q3	65	812	- 16	1 479	638	- 3 881	- 904	43	- 389	622	- 662	- 519	- 904
2005 Q4	565	536	13	1 551	654	- 3 912	- 594	312	- 347	666	- 738	- 487	- 594
2006 Q1	1 233	211	2	1 534	586	- 4 491	- 921	482	- 330	588	- 1 164	- 497	- 921
2006 Q2	586	115	11	1 233	662	- 3 603	- 998	- 9	- 1 057	673	- 30	- 574	- 998
2006 Q3	143	- 34	- 30	1 219	675	- 3 697	- 1 727	- 106	- 1 301	645	- 518	- 447	- 1 727
2006 Q4	916	- 292	17	1 263	631	- 3 859	- 1 324	250	- 1 034	649	- 766	- 424	- 1 324
2007 Q1	1 187	- 393	28	1 253	652	- 4 129	- 1 397	299	- 1 071	680	- 891	- 414	- 1 397
2007 Q2	1 287	293	- 12	1 211	789	- 4 754	- 1 188	67	- 928	777	- 677	- 426	- 1 188
2007 Q3	445	124	- 27	1 076	735	- 3 412	- 1 060	- 54	- 1 139	708	- 250	- 324	- 1 060
2007 Q4	1 051	- 24	11	1 003	670	- 4 008	- 1 298	276	- 1 034	680	- 927	- 293	- 1 298
2008 Q1	337	- 245	90	940	374	- 3 084	- 1 584	- 190	- 1 349	465	102	- 612	- 1 584
2008 Q2	25	219	- 98	760	522	- 1 764	- 339	- 28	- 1 616	425	1 430	- 550	- 339
2008 Q3	- 375	59	1 118	518	- 861	- 1 777	- 1 318	- 52	- 1 502	255	619	- 638	- 1 318
2008 Q4	- 33	- 33	1 066	386	- 1 034	- 1 267	- 914	307	- 1 200	32	713	- 766	- 914
2009 Q1	317	- 169	917	187	- 718	- 471	67	69	- 1 160	199	1 423	- 464	67
2009 Q2	- 238	221	1 197	233	- 702	- 656	51	- 8	- 1 202	495	1 381	- 615	51
2009 Q3	- 827	- 25	952	262	- 961	- 1 105	- 1 707	- 208	- 1 160	- 9	302	- 631	- 1 707
2009 Q4	- 584	- 27	890	277	- 1 122	- 1 035	- 1 599	220	- 1 168	- 230	304	- 725	- 1 599
2010 Q1	- 216	- 399	916	245	- 609	- 779	- 827	98	- 1 232	307	645	- 644	- 827
2010 Q2	- 156	325	1 048	268	- 785	- 863	- 166	- 32	- 1 049	263	1 267	- 616	- 166
2010 Q3	- 893	131	963	268	- 1 000	- 908	- 1 444	- 202	- 1 145	- 37	549	- 608	- 1 444
2010 Q4	- 374	- 57	911	250	- 1 051	- 737	- 1 064	385	- 1 213	- 140	561	- 658	- 1 064
2011 Q1	- 364	- 722	948	237	- 728	- 653	- 1 251	179	- 1 453	219	647	- 842	- 1 251
2011 Q2	- 454	266	1 029	223	- 850	- 634	- 427	- 32	- 1 206	180	1 450	- 819	- 427
2011 Q3	- 844	383	980	209	- 977	- 691	- 965	- 60	- 1 360	3	1 193	- 742	- 965
2011 Q4	- 768	73	948	215	- 1 017	- 628	- 1 177	41	- 1 315	- 68	1 017	- 851	- 1 177
2012 Q1	- 270	- 714	977	222	- 1 059	- 877	- 1 720	561	- 1 595	- 82	377	- 981	- 1 720
2012 Q2	- 886	121	852	222	- 757	- 813	- 1 263	- 19	- 1 841	94	1 330	- 828	- 1 263
2012 Q3	- 571	403	845	213	- 761	- 734	- 606	- 2	- 1 509	84	1 557	- 737	- 606
2012 Q4	- 242	190	831	217	- 687	- 661	- 352	119	- 1 244	144	1 269	- 641	- 352
2013 Q1	301	- 890	833	245	- 639	- 816	- 965	641	- 1 420	188	681	- 1 055	- 965
2013 Q2	- 1 087	4	734	237	- 562	- 749	- 1 423	97	- 2 459	113	1 452	- 627	- 1 423
2013 Q3	407	412	737	259	- 685	- 871	259	713	- 1 661	28	1 892	- 713	259
2013 Q4	- 538	445	701	286	- 774	- 1 006	- 886	364	- 1 671	- 114	1 476	- 941	- 886
2014 Q1	1 665	- 1 469	798	302	- 2 015	- 1 150	- 1 869	1 782	- 939	- 1 270	- 93	- 1 348	- 1 869
2014 Q2	92	762	1 049	328	- 850	- 1 198	184	1 272	- 1 235	157	1 324	- 1 335	184
2014 Q3	131	878	984	326	- 945	- 1 195	180	1 283	- 1 071	- 12	1 276	- 1 295	180
2014 Q4	- 591	1 252	952	320	- 793	- 1 164	- 25	776	- 74	114	524	- 1 365	- 25
2015 Q1	1092	820	976	316	-1069	-1020	1113	2387	-360	-153	1500	-2262	1113
2015 Q2	191	188	738	317	-932	-1235	-733	847	-138	-243	675	-1873	-733
2015 Q3	-1698	244	677	334	-991	-1282	-2715	550	-1158	-361	103	-1848	-2715
2015 Q4	-51	-220	657	342	-1059	-1202	-1532	1496	-580	-453	-134	-1861	-1532
2016 Q1	679	-503	792	341	-964	-1042	-697	1826	-950	-172	640	-2041	-697
2016 Q2	-16	727	943	376	-976	-1177	-123	1493	-750	-88	1498	-2276	-123
2016 Q3	392	761	949	327	-971	-1191	267	2519	-1195	-75	1255	-2237	267
2016 Q4	636	-81	963	352	-927	-1187	-244	1998	-1605	-130	1760	-2267	-244
2017 Q1	942	-762	1011	329	-984	-797	-261	1705	-1821	-45	2305	-2405	-261
2017 Q2	933	-463	721	412	-791	-1399	-587	2540	-1577	-109	728	-2169	-587

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G10R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W
1997 Q2	-1.6	-1.6	1.1	10.4	2.0	8.5	-0.9	7.7	-3.5	1.9	-5.4	-0.1	-0.9
1997 Q3	-0.8	2.7	0.4	-11.1	3.1	-7.0	0.1	-8.0	2.1	2.8	-1.0	0.1	0.1
1997 Q4	1.7	-1.1	8.3	-13.2	-0.9	4.7	1.3	6.2	-0.7	-0.4	3.6	-0.1	1.3
1998 Q1	-1.5	-2.2	-12.8	1.9	-0.2	-7.2	-1.4	-11.1	-1.2	-0.8	0.8	-2.5	-1.4
1998 Q2	1.0	2.5	1.0	4.9	-2.9	6.9	0.6	6.6	0.8	-2.7	1.8	-0.8	0.6
1998 Q3	-1.3	1.5	1.6	7.6	0.5	-4.9	-1.0	-5.7	0.2	0.6	-4.9	1.0	-1.0
1998 Q4	1.5	-1.3	7.7	-10.2	0.6	5.1	1.6	5.7	-0.3	1.0	3.4	0.9	1.6
1999 Q1	-1.4	-3.2	-10.0	20.5	0.7	2.9	-1.8	-3.2	-0.9	0.0	-3.5	-1.3	-1.8
1999 Q2	1.1	4.2	-1.7	-11.3	0.4	-0.5	1.3	0.6	0.9	0.3	2.4	0.7	1.3
1999 Q3	-2.3	1.3	2.7	20.9	1.3	2.0	-1.4	-11.0	-0.8	1.5	-4.4	1.5	-1.4
1999 Q4	2.5	-2.3	10.6	-3.6	1.7	2.3	1.8	11.4	0.3	2.0	1.0	0.9	1.8
2000 Q1	0.9	-4.9	-10.2	-22.5	-0.6	4.0	0.2	5.9	1.1	-1.1	-0.5	0.6	0.2
2000 Q2	-1.4	12.6	-1.3	21.5	0.0	1.6	0.4	-8.3	-1.9	0.0	5.7	-0.5	0.4
2000 Q3	-2.3	-6.4	7.8	-14.8	-0.7	-23.7	-3.5	-9.9	-2.3	-0.3	-8.8	-0.3	-3.5
2000 Q4	0.8	0.0	4.6	11.1	0.3	36.3	1.8	6.4	-0.5	0.6	5.6	-0.8	1.8
2001 Q1	1.9	-4.0	-14.7	51.6	0.7	-2.2	0.8	8.4	4.9	0.1	-0.9	-4.1	0.8
2001 Q2	-2.7	17.9	0.3	-12.4	-0.7	-2.9	-0.8	-16.3	-3.0	-0.8	2.8	-2.1	-0.8
2001 Q3	-1.4	-10.3	8.0	5.3	-1.2	-5.7	-2.7	-2.1	1.5	-0.4	-8.0	0.0	-2.7
2001 Q4	1.9	-1.1	1.3	0.6	0.7	-5.0	0.9	9.8	2.2	0.8	-1.2	0.3	0.9
2002 Q1	3.7	-0.4	-11.5	-4.0	2.2	3.7	2.9	5.1	3.9	1.2	2.5	2.3	2.9
2002 Q2	-3.9	16.1	3.2	-5.3	0.2	-5.9	-1.3	0.2	-3.7	0.6	-2.6	0.2	-1.3
2002 Q3	-4.4	-15.7	7.1	9.6	0.0	9.9	-3.6	-8.9	-1.1	0.6	-8.4	-1.2	-3.6
2002 Q4	6.1	-0.8	-3.9	78.6	0.1	-3.2	3.8	0.6	-0.2	-0.2	10.8	1.5	3.8
2003 Q1	1.2	0.5	-4.8	-139.8	-0.7	-26.3	0.7	7.5	0.9	-1.1	0.7	-0.1	0.7
2003 Q2	-3.8	6.4	1.4	-7.0	-0.1	15.2	-0.5	-8.3	-7.7	0.1	7.8	-2.3	-0.5
2003 Q3	-1.0	1.9	4.6	-10.5	0.0	-7.1	-1.2	1.3	2.0	0.3	-5.5	1.0	-1.2
2003 Q4	0.3	-7.2	-3.0	4.0	-0.7	3.9	-0.9	0.7	0.1	-0.9	-2.8	-1.5	-0.9
2004 Q1	-4.7	-1.5	0.2	15.5	0.1	14.1	-2.6	4.8	-15.2	0.2	0.2	1.8	-2.6
2004 Q2	6.4	4.4	-1.8	33.1	0.1	-2.6	4.0	-2.2	16.7	0.1	0.1	-0.1	4.0
2004 Q3	0.3	6.1	2.5	-7.4	0.5	-1.0	0.9	1.4	5.0	0.7	-2.1	1.8	0.9
2004 Q4	2.3	-8.8	-2.0	11.9	0.3	3.4	0.6	-11.8	1.7	0.1	1.8	1.4	0.6
2005 Q1	-0.4	12.5	1.5	0.5	0.4	-5.5	-0.2	6.7	5.6	0.5	-6.2	-0.3	-0.2
2005 Q2	-2.9	-17.3	-2.3	46.0	1.0	14.4	-4.6	0.9	-32.0	0.7	3.5	0.7	-4.6
2005 Q3	-0.4	34.5	-0.9	1.5	0.8	-9.0	3.6	-0.5	20.6	0.7	-3.8	0.2	3.6
2005 Q4	1.5	-3.2	3.1	3.0	0.1	7.1	0.5	9.6	0.2	0.3	-0.3	0.4	0.5
2006 Q1	2.1	-3.7	-1.3	21.7	-0.6	-2.4	-0.6	4.7	0.1	-0.6	-1.9	-0.2	-0.6
2006 Q2	-2.2	-1.2	0.9	-3.6	0.6	3.9	-0.1	-13.7	-6.4	0.6	5.3	-0.6	-0.1
2006 Q3	-1.4	-1.7	-4.5	8.9	0.1	-0.4	-1.1	-3.6	-1.7	-0.2	-2.2	1.2	-1.1
2006 Q4	2.3	-2.8	4.3	-4.2	-0.3	3.0	0.7	11.0	2.0	0.0	-1.0	0.2	0.7
2007 Q1	0.8	-1.2	1.0	10.4	-0.1	-0.6	-0.1	2.6	0.0	0.0	-0.5	0.1	-0.1
2007 Q2	0.1	8.0	-3.5	-12.8	1.0	-6.9	0.3	-8.1	0.9	0.7	1.3	0.0	0.3
2007 Q3	-2.2	-1.6	-1.6	11.9	-0.3	13.5	0.2	-4.0	-1.7	-0.5	1.5	0.8	0.2
2007 Q4	1.6	-2.0	4.0	-9.2	-0.7	-11.0	-0.3	11.9	1.2	-0.3	-2.7	0.4	-0.3
2008 Q1	-1.7	-2.0	8.0	8.7	-2.3	3.2	-0.5	-12.8	-2.6	-1.6	3.5	-2.3	-0.5
2008 Q2	-0.9	4.0	-16.1	21.7	1.1	15.3	1.8	15.1	-1.6	-0.2	5.3	0.5	1.8
2008 Q3	-1.0	-1.4	134.8	-7.2	-9.9	-11.7	-1.4	-0.8	0.5	-1.0	-2.9	-0.6	-1.4
2008 Q4	0.9	-0.9	-2.8	-1.8	-1.6	1.3	0.6	12.0	1.8	-1.6	0.5	-1.0	0.6
2009 Q1	1.0	-1.1	-7.3	51.1	1.8	25.3	1.4	-5.8	0.0	1.2	3.4	2.0	1.4
2009 Q2	-1.6	2.9	13.6	-0.1	-0.3	-5.2	0.0	-3.0	-1.3	2.5	0.2	-1.2	0.0
2009 Q3	-1.8	-2.2	-14.3	0.6	-2.5	-16.6	-3.0	-7.7	0.7	-4.3	-5.7	-0.1	-3.0
2009 Q4	0.8	0.0	-4.6	6.1	-2.3	4.6	0.1	14.8	-0.4	-1.9	0.0	-0.7	0.1
2010 Q1	1.3	-2.9	4.6	-10.8	6.0	6.7	1.4	-6.4	-0.3	5.0	1.7	0.8	1.4
2010 Q2	0.2	5.4	7.8	9.0	-1.2	-0.7	1.1	-4.4	2.6	-0.7	3.3	0.3	1.1
2010 Q3	-2.3	-1.6	-3.8	-1.6	-1.6	-0.8	-2.1	-6.0	-0.5	-2.5	-4.0	0.1	-2.1
2010 Q4	1.6	-1.5	-0.8	-4.7	-0.5	4.0	0.6	17.8	-0.4	-0.8	0.2	-0.4	0.6
2011 Q1	0.0	-5.4	2.7	-3.7	2.8	3.8	-0.3	0.6	-1.9	2.8	0.2	-1.2	-0.3
2011 Q2	-0.3	6.9	8.4	-10.0	-1.0	0.0	1.3	-12.5	2.6	-0.3	4.0	0.0	1.3
2011 Q3	-1.0	0.9	1.0	-7.4	-1.0	-2.4	-0.8	-1.3	-0.7	-1.4	-1.6	0.7	-0.8
2011 Q4	0.3	-2.6	-1.3	-2.4	-0.1	4.0	-0.3	5.5	0.5	-0.5	-1.0	-0.8	-0.3
2012 Q1	1.4	-6.7	3.9	-16.4	-0.3	-7.5	-0.8	19.6	-2.0	-0.1	-3.3	-0.9	-0.8
2012 Q2	-1.6	6.7	-12.7	9.0	2.0	1.6	0.6	-20.5	-2.5	1.3	4.3	1.1	0.6
2012 Q3	0.8	2.5	2.2	-0.5	-0.1	2.3	0.9	0.6	2.3	-0.1	1.1	0.6	0.9
2012 Q4	1.0	-2.0	-0.4	-7.7	0.8	3.9	0.5	5.0	2.7	0.5	-1.7	0.9	0.5
2013 Q1	1.3	-9.8	0.8	1.8	0.5	-2.8	-0.9	19.2	-0.9	0.3	-2.3	-2.6	-0.9
2013 Q2	-3.5	8.7	-13.0	6.6	1.1	2.2	-0.7	-32.8	-8.4	-0.7	3.4	2.8	-0.7
2013 Q3	3.9	3.6	0.9	-7.7	-0.8	-1.4	2.5	24.5	8.2	-0.6	1.7	-0.5	2.5
2013 Q4	-2.2	0.2	-3.2	-2.5	-0.5	-1.4	-1.7	-10.3	-0.1	-1.0	-2.0	-1.4	-1.7
2014 Q1	5.3	-16.7	4.6	4.2	-8.5	-3.1	-1.4	46.2	5.1	-7.7	-6.7	-2.4	-1.4
2014 Q2	-4.1	14.3	12.7	2.3	7.2	0.9	2.8	-38.4	-1.7	8.5	5.4	-0.1	2.8
2014 Q3	0.1	0.6	-5.8	-2.4	-0.5	-0.4	0.0	-3.8	1.2	-1.1	-0.2	0.2	0.0
2014 Q4	-1.7	3.0	-3.4	3.8	1.0	0.2	-0.2	-14.7	6.4	0.8	-3.1	-0.3	-0.2
2015 Q1	3.9	-3.7	-2.2	11.3	-1.8	1.7	1.5	33.3	-2.0	-1.6	3.8	-5.8	1.5
2015 Q2	-2.0	-5.1	-13.0	-12.2	1.3	-4.0	-2.4	-22.5	1.6	-0.5	-3.2	3.0	-2.4
2015 Q3	-4.2	0.5	-5.1	0.3	-0.5	-0.1	-2.5	-5.9	-6.8	-0.7	-2.2	0.0	-2.5
2015 Q4	3.6	-3.8	1.6	-0.2	-0.3	3.4	1.5	21.0	3.8	-0.5	-0.9	-0.2	1.5
2016 Q1	1.7	-2.4	11.5	-13.5	0.7	5.1	1.1	1.3	-2.7	1.7	2.9	-1.0	1.1
2016 Q2	-1.6	10.6	3.1	30.6	-0.1	-4.5	0.8	-8.4	1.6	0.5	3.3	-1.2	0.8
2016 Q3	0.9	0.0	5.6	-11.8	0.1	0.1	0.5	18.1	-3.0	0.1	-1.1	0.2	0.5
2016 Q4	0.5	-6.3	-1.0	-1.2	0.4	2.1	-0.7	-5.9	-2.6	-0.3	1.9	-0.1	-0.7
2017 Q1	0.7	-5.2	3.0	-17.2	-0.1	7.6	0.0	-5.9	-1.5	0.5	2.0	-0.9	0.0
2017 Q2	-0.8	-5.6	-27.7	-1.7	2.4	-6.5	-1.5	19.9	-6.1	0.9	-6.1	1.1	-1.5
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G11R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76
1998 Q1	-2.3	-2.7	-0.4	-13.4	4.1	-5.7	-1.1	-3.2	-3.5	3.8	-1.9	-2.7	-1.1
1998 Q2	0.6	1.8	-1.1	-14.8	-1.1	-5.1	0.6	-3.2	1.1	-1.1	5.3	-3.5	0.6
1998 Q3	0.0	0.5	0.0	0.0	-3.6	-2.3	-0.6	-1.0	-0.9	-3.4	1.5	-2.7	-0.6
1998 Q4	-0.3	0.5	-0.1	0.6	-2.0	-0.7	-0.2	-2.5	-0.4	-1.8	1.5	-1.6	-0.2
1999 Q1	-0.3	-0.8	0.5	18.6	-1.2	14.4	-0.6	2.7	-0.2	-1.0	-3.2	-0.2	-0.6
1999 Q2	-0.2	0.7	-2.0	-5.4	2.1	3.7	0.0	-2.5	-0.1	1.9	-2.4	1.4	0.0
1999 Q3	-1.1	0.6	0.9	5.8	3.1	12.3	-0.2	-6.5	-1.1	2.9	-1.9	2.0	-0.2
1999 Q4	0.1	-0.4	0.3	23.1	4.3	8.8	0.0	-1.6	-0.3	4.0	-4.6	1.9	0.0
2000 Q1	2.6	-2.1	-1.0	-27.7	3.3	9.0	2.0	5.9	1.5	3.1	-1.3	3.8	2.0
2000 Q2	0.2	5.4	-0.7	10.4	2.8	12.8	1.2	0.1	-1.2	2.6	2.5	2.7	1.2
2000 Q3	-0.2	-2.9	2.0	-21.9	0.5	-20.7	-1.3	0.1	-2.9	0.6	-2.7	0.7	-1.3
2000 Q4	-2.4	-0.8	-1.4	-12.3	-0.9	1.1	-1.4	-6.6	-4.3	-0.9	1.4	-1.0	-1.4
2001 Q1	-1.0	-0.2	-1.3	59.5	0.4	-4.5	-0.7	-0.9	0.2	0.2	1.0	-5.9	-0.7
2001 Q2	-2.3	2.7	1.2	16.9	-0.3	-9.3	-1.9	-6.1	-1.0	-0.5	-2.6	-7.4	-1.9
2001 Q3	-1.4	-1.0	3.1	70.6	-0.8	30.7	-1.0	3.7	2.9	-0.6	-1.8	-7.3	-1.0
2001 Q4	-0.1	-2.3	-1.9	46.0	-0.4	-18.7	-1.8	8.2	5.4	-0.3	-7.8	-6.1	-1.8
2002 Q1	1.4	2.4	-0.6	-12.7	1.1	-11.4	0.3	3.8	4.4	0.8	-4.2	0.5	0.3
2002 Q2	0.5	2.8	2.7	-3.9	2.2	-14.8	-0.3	17.5	3.8	2.3	-8.9	2.9	-0.3
2002 Q3	-2.6	-2.0	1.0	2.0	3.6	2.6	-1.2	10.5	1.3	3.4	-9.3	1.7	-1.2
2002 Q4	1.6	-1.6	-4.6	97.6	3.0	5.6	1.9	-8.2	-1.2	2.6	2.5	3.0	1.9
2003 Q1	-0.9	-0.7	4.1	-63.2	-0.5	-29.6	-0.6	0.5	-4.4	-0.4	0.4	0.5	-0.6
2003 Q2	-1.2	-10.6	1.4	-56.2	-0.9	-3.8	0.3	-8.4	-8.5	-0.9	10.9	-2.0	0.3
2003 Q3	2.0	7.8	-1.8	-91.5	-1.0	-21.2	2.6	-0.6	-5.4	-1.0	12.1	0.2	2.6
2003 Q4	-3.4	1.5	-1.5	-141.2	-1.8	-14.2	-1.8	-0.3	-4.9	-1.7	0.2	-2.9	-1.8
2004 Q1	-9.2	-0.4	2.3	0.6	-0.9	31.7	-5.3	-3.0	-20.5	-0.4	-0.3	-1.1	-5.3
2004 Q2	1.6	-3.4	-0.3	45.0	-0.4	9.7	-0.5	4.2	6.6	-0.4	-9.1	1.1	-0.5
2004 Q3	2.9	2.5	-1.7	39.8	0.0	15.2	1.8	3.7	9.2	-0.1	-5.0	2.0	1.8
2004 Q4	4.8	1.2	-0.8	43.4	1.2	12.9	3.3	-6.6	11.2	1.0	0.0	5.0	3.3
2005 Q1	8.5	17.6	0.7	18.8	1.4	-4.5	5.5	-3.7	26.9	1.3	-6.1	3.0	5.5
2005 Q2	0.7	-26.1	0.4	24.7	2.3	9.9	-3.4	-1.4	-16.9	2.2	-2.7	4.0	-3.4
2005 Q3	-0.4	3.5	-3.8	40.6	2.6	4.9	-0.5	-3.4	0.6	2.2	-4.7	2.1	-0.5
2005 Q4	-1.2	8.3	2.2	39.6	2.4	9.4	-0.7	16.3	-0.9	2.3	-7.5	1.0	-0.7
2006 Q1	1.5	-6.4	-1.4	93.8	1.4	15.3	-1.0	16.8	-6.5	1.1	-2.5	1.0	-1.0
2006 Q2	0.7	48.1	2.0	20.8	0.9	1.0	3.6	-2.1	15.9	1.0	-0.4	-0.3	3.6
2006 Q3	0.2	-10.5	-1.3	24.7	0.3	9.1	-1.3	-5.5	-7.7	0.1	1.0	0.7	-1.3
2006 Q4	0.9	-10.0	0.4	18.1	-0.3	5.1	-1.2	-5.4	-5.9	-0.2	0.3	0.6	-1.2
2007 Q1	-0.6	-7.1	2.5	8.7	0.3	6.5	-0.7	-5.0	-6.2	0.5	1.8	1.0	-0.7
2007 Q2	1.9	1.9	-2.4	1.4	0.7	-6.0	-0.2	2.9	1.5	0.6	-2.9	1.7	-0.2
2007 Q3	0.9	1.7	0.0	5.1	0.2	10.7	1.2	1.1	1.4	0.3	1.4	1.2	1.2
2007 Q4	0.1	3.3	-0.5	-0.3	0.0	-4.9	0.2	1.9	0.5	0.0	-0.2	1.4	0.2
2008 Q1	-2.5	2.9	5.9	-1.0	-2.3	-0.6	-0.2	-13.3	-2.2	-1.7	4.4	-1.2	-0.2
2008 Q2	-3.6	-1.3	-9.3	25.4	-2.0	14.9	1.3	-3.4	-5.0	-2.5	7.9	-0.6	1.3
2008 Q3	-2.3	-1.1	121.1	6.9	-11.7	-3.7	-0.4	0.3	-2.7	-3.0	3.5	-2.2	-0.4
2008 Q4	-2.6	-0.1	107.4	8.8	-12.0	1.9	0.3	0.3	-1.8	-4.1	5.3	-3.4	0.3
2009 Q1	0.0	1.0	73.3	24.4	-7.3	11.3	2.2	16.9	0.6	-1.2	5.3	0.9	2.2
2009 Q2	-0.7	-0.1	143.9	27.4	-8.1	4.0	0.5	0.5	0.6	1.0	0.9	-0.8	0.5
2009 Q3	-1.3	-0.8	-12.9	52.0	-2.0	7.7	-0.8	-5.4	0.8	-1.7	-1.1	-0.2	-0.8
2009 Q4	-1.5	0.1	-14.7	80.3	-2.6	13.6	-1.3	-0.7	-1.0	-1.9	-1.7	0.0	-1.3
2010 Q1	-1.5	-1.7	-1.7	-7.5	0.3	-10.4	-1.5	0.9	-1.4	1.0	-3.6	-1.3	-1.5
2010 Q2	0.3	0.8	-6.3	3.0	-0.4	-5.7	-0.4	-0.9	2.6	-2.1	-0.4	0.4	-0.4
2010 Q3	0.0	1.2	3.8	0.5	0.8	10.9	0.6	2.6	1.3	-0.2	1.2	0.6	0.6
2010 Q4	0.9	-0.3	6.9	-9.5	3.3	9.7	1.2	-1.5	1.4	1.2	1.4	0.9	1.2
2011 Q1	-0.4	-2.4	5.3	-2.1	-0.2	7.0	-0.6	4.1	-0.5	-1.2	0.0	-1.2	-0.6
2011 Q2	-0.9	-0.4	6.1	-17.8	0.0	6.9	-0.4	-0.2	-0.4	-0.8	0.8	-1.4	-0.4
2011 Q3	0.3	2.1	10.2	-21.8	0.5	5.3	0.8	1.6	-0.4	0.3	3.2	-0.8	0.8
2011 Q4	-1.0	1.0	10.1	-21.7	0.9	5.5	-0.1	-3.8	0.5	0.6	2.1	-1.2	-0.1
2012 Q1	0.4	-0.3	10.8	-35.1	-2.4	-6.1	-0.6	16.4	0.4	-2.5	-1.5	-0.9	-0.6
2012 Q2	-1.1	-1.4	-8.1	-17.2	0.8	-4.4	-1.3	0.8	-4.8	-0.6	-1.6	0.2	-1.3
2012 Q3	0.9	0.4	-7.1	-10.0	1.6	0.8	0.6	3.1	-1.8	0.6	1.3	0.1	0.6
2012 Q4	1.6	1.0	-6.3	-15.1	2.5	0.7	1.3	2.8	0.2	1.6	0.7	1.8	1.3
2013 Q1	1.6	-2.1	-9.4	2.7	3.3	5.8	1.1	8.1	1.3	2.0	1.4	-0.2	1.1
2013 Q2	-0.5	-0.9	-9.6	0.3	2.5	6.7	-0.2	4.7	-5.1	0.0	0.2	1.6	-0.2
2013 Q3	2.7	-0.2	-11.3	-7.5	1.8	2.7	1.4	29.3	-0.2	-0.5	0.9	0.5	1.4
2013 Q4	-0.7	2.1	-14.3	-1.2	0.2	-3.8	-0.7	8.0	-2.9	-2.1	0.5	-1.8	-0.7
2014 Q1	3.4	-2.9	-11.1	1.9	-10.2	-4.2	-1.1	46.2	3.4	-11.5	-4.2	-1.6	-1.1
2014 Q2	3.2	6.7	15.9	-4.4	-1.8	-6.3	2.5	48.0	12.9	0.2	-1.0	-4.5	2.5
2014 Q3	-0.7	3.8	8.4	1.7	-1.3	-4.7	-0.2	14.0	5.1	-0.3	-2.9	-3.6	-0.2
2014 Q4	-0.1	6.6	8.3	8.4	0.3	-2.7	1.2	10.4	11.8	1.6	-4.0	-2.6	1.2
2015 Q1	-1.8	15.5	0.5	15.7	6.4	2.2	4.1	-48.6	4.4	7.1	6.0	-5.8	4.1
2015 Q2	0.2	-5.6	-26.0	0.8	0.1	-2.2	-1.2	-27.4	7.5	-2.6	-2.9	-3.2	-1.2
2015 Q3	-4.3	-5.2	-25.5	3.6	0.1	-2.0	-3.8	-27.1	-0.8	-2.2	-5.1	-3.4	-3.8
2015 Q4	1.3	-11.7	-18.4	-0.5	-1.3	1.2	-2.0	15.6	-3.5	-3.5	-2.7	-3.2	-2.0
2016 Q1	-0.9	-10.1	-4.1	-27.7	1.4	5.1	-2.3	-8.8	-4.2	-0.1	-3.2	1.9	-2.3
2016 Q2	-0.4	4.2	11.9	17.0	0.0	3.3	0.8	10.4	-4.1	0.9	3.2	-2.4	0.8
2016 Q3	4.7	4.1	21.1	0.8	0.4	3.4	3.9	40.1	-0.4	1.7	4.4	-2.1	3.9
2016 Q4	1.5	1.3	20.4	-0.2	1.2	2.0	1.8	5.7	-6.9	2.0	7.2	-2.2	1.8

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G12R Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million

	Sector: Business investment [1]	Sector: General Government	Sector: Public corporations [2]: Dwellings [3]	Sector: Public corporations [2]: Costs of ownership transfer on non-produced assets	Sector: Private sector: Dwellings [3]	Sector: Private sector: Costs of ownership transfer on non-produced assets	Sector: Total	Asset: Transport equipment	Asset: ICT equipment and other machinery and equipment [5]	Asset: Dwellings [3]	Asset: Other buildings and structures and transfer costs [4]	Asset: Intellectual property products	Asset: Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
1997	2 000	0	0	2 637	- 291	- 5 520	- 1 174	310	- 3 804	- 294	3 639	- 1 025	- 1 174
1998	1 661	0	- 1	2 336	- 484	- 5 325	- 1 811	47	- 4 388	- 485	4 966	- 1 950	- 1 811
1999	1 230	0	0	3 126	62	- 6 644	- 2 226	- 224	- 4 525	63	4 150	- 1 691	- 2 226
2000	1 422	0	- 1	3 251	457	- 7 234	- 2 105	- 196	- 5 583	457	4 415	- 1 198	- 2 105
2001	- 266	0	- 1	4 266	373	- 9 213	- 4 839	- 78	- 4 147	371	2 935	- 3 921	- 4 839
2002	- 35	0	0	5 532	1 199	- 11 558	- 4 862	751	- 3 201	1 195	- 492	- 3 116	- 4 862
2003	- 998	0	0	11 101	998	- 15 769	- 4 667	388	- 5 853	996	3 426	- 3 627	- 4 667
2004	- 1 075	0	1	10 023	1 137	- 15 314	- 5 228	242	- 5 216	1 139	1 543	- 2 936	- 5 228
2005	1 709	0	- 1	5 636	2 228	- 14 409	- 4 839	450	- 3 443	2 226	- 1 927	- 2 146	- 4 839
2006	2 878	0	0	5 249	2 554	- 15 650	- 4 970	617	- 3 722	2 555	- 2 478	- 1 942	- 4 970
2007	3 970	0	0	4 543	2 846	- 16 303	- 4 943	588	- 4 172	2 845	- 2 745	- 1 457	- 4 943
2008	-46	0	2176	2604	-999	-7892	-4155	37	-5667	1177	2864	-2566	-4155
2009	-1332	0	3956	959	-3503	-3267	-3188	73	-4690	455	3410	-2435	-3188
2010	-1639	0	3838	1031	-3445	-3287	-3501	249	-4639	393	3022	-2526	-3501
2011	-2430	0	3905	884	-3572	-2606	-3820	128	-5334	334	4307	-3254	-3820
2012	-1969	0	3505	874	-3264	-3085	-3941	659	-6189	240	4533	-3187	-3941
2013	-917	-29	3005	1027	-2660	-3442	-3015	1815	-7211	215	5501	-3336	-3015
2014	1297	1423	3783	1276	-4603	-4707	-1530	5113	-3319	-1011	3031	-5343	-1530
2015	-466	1032	3048	1309	-4051	-4739	-3867	5280	-2236	-1210	2144	-7844	-3867
2016	1691	904	3647	1396	-3838	-4597	-797	7836	-4500	-465	5153	-8821	-797

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector: Business investment [1]	Sector: General Government	Sector: Public corporations [2]: Dwellings [3]	Sector: Public corporations [2]: Costs of ownership transfer on non-produced assets	Sector: Private sector: Dwellings [3]	Sector: Private sector: Costs of ownership transfer on non-produced assets	Sector: Total	Asset: Transport equipment	Asset: ICT equipment and other machinery and equipment [5]	Asset: Dwellings [3]	Asset: Other buildings and structures and transfer costs [4]	Asset: Intellectual property products	Asset: Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O
1998	- 1	0	0	- 8	- 1	- 4	0	- 2	- 1	- 1	2	- 3	0
1999	0	0	0	9	2	10	0	- 2	0	2	- 3	1	0
2000	0	0	0	- 15	1	- 1	0	0	- 2	1	0	2	0
2001	- 1	0	0	45	0	- 5	- 1	1	2	0	- 3	- 7	- 1
2002	0	0	0	22	3	- 4	0	8	2	2	- 5	2	0
2003	- 1	0	0	- 99	- 1	- 17	0	- 2	- 6	- 1	6	- 1	0
2004	0	0	0	31	0	17	0	- 1	1	0	- 4	2	0
2005	3	0	0	31	2	5	0	2	4	2	- 5	3	0
2006	1	0	0	33	1	7	0	1	0	0	0	1	0
2007	1	0	0	4	0	2	0	0	0	0	0	1	0
2008	- 3	0	56	10	- 7	3	0	- 5	- 3	- 3	5	- 2	0
2009	- 1	0	28	40	- 5	8	0	0	0	- 1	1	0	0
2010	-0.2	0.0	0.7	-3.6	0.7	2.1	0.0	1.5	0.9	-0.2	-0.3	0.0	0.0
2011	-0.5	0.0	7.8	-16.2	0.4	6.2	-0.1	-0.2	-0.2	-0.2	1.4	-1.2	-0.1
2012	0.5	0.0	-2.3	-20.0	0.7	-2.2	0.0	5.8	-1.5	-0.1	-0.2	0.3	0.0
2013	0.7	-0.1	-11.2	-1.5	2.1	3.1	0.5	10.8	-1.6	-0.1	0.9	0.0	0.5
2014	1.4	3.2	5.4	2.5	-3.1	-4.3	0.7	26.0	7.9	-2.3	-3.1	-3.1	0.7
2015	-1.0	-0.7	-17.9	4.7	1.4	-0.2	-0.7	-13.8	1.9	-0.2	-1.0	-3.9	-0.7
2016	1.2	-0.4	11.8	-2.4	0.8	3.5	1.1	9.9	-3.9	1.2	2.8	-1.2	1.1

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.

G13R Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level

£ million

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX
1997 Q1	309	0	0	608	- 348	- 1 317	- 748	75	- 694	- 349	504	- 284	- 748
1997 Q2	379	0	0	727	- 97	- 1 444	- 435	45	- 1 157	- 97	1 037	- 263	- 435
1997 Q3	561	0	0	653	58	- 1 427	- 155	94	- 929	57	866	- 243	- 155
1997 Q4	751	0	0	649	95	- 1 331	164	97	- 1 024	94	1 233	- 236	164
1998 Q1	37	0	0	553	- 99	- 1 459	- 967	- 55	- 977	- 102	710	- 543	- 967
1998 Q2	297	0	0	528	- 160	- 1 125	- 461	- 16	- 1 335	- 160	1 574	- 522	- 461
1998 Q3	540	0	0	690	- 146	- 1 561	- 477	35	- 1 037	- 146	1 152	- 480	- 477
1998 Q4	786	0	0	566	- 78	- 1 179	94	83	- 1 038	- 77	1 531	- 405	94
1999 Q1	- 18	0	0	751	- 134	- 1 761	- 1 162	- 31	- 1 031	- 134	613	- 578	- 1 162
1999 Q2	263	0	0	598	- 24	- 1 299	- 462	- 73	- 1 288	- 23	1 391	- 469	- 462
1999 Q3	424	0	0	869	74	- 1 799	- 432	- 85	- 1 080	74	1 032	- 373	- 432
1999 Q4	560	0	0	907	147	- 1 785	- 170	- 36	- 1 126	147	1 116	- 272	- 170
2000 Q1	525	0	0	896	131	- 2 015	- 464	- 15	- 936	129	645	- 286	- 464
2000 Q2	692	0	0	801	146	- 1 501	137	5	- 1 511	146	1 731	- 234	137
2000 Q3	235	0	0	760	125	- 2 128	- 1 010	- 68	- 1 404	126	639	- 303	- 1 010
2000 Q4	- 30	0	0	795	57	- 1 589	- 768	- 118	- 1 732	57	1 400	- 375	- 768
2001 Q1	82	0	0	1 012	177	- 2 120	- 850	- 121	- 869	175	838	- 873	- 850
2001 Q2	- 123	0	0	916	101	- 1 898	- 1 004	- 69	- 1 356	101	1 288	- 967	- 1 004
2001 Q3	- 138	0	0	1 202	56	- 2 598	- 1 477	- 10	- 972	56	484	- 1 035	- 1 477
2001 Q4	- 86	0	0	1 137	39	- 2 598	- 1 508	123	- 949	39	325	- 1 046	- 1 508
2002 Q1	414	0	0	1 229	258	- 2 605	- 704	140	- 431	258	85	- 756	- 704
2002 Q2	80	0	0	1 232	292	- 3 009	- 1 405	254	- 888	291	- 308	- 754	- 1 405
2002 Q3	- 1 071	0	0	1 415	315	- 2 880	- 2 220	187	- 845	315	- 1 008	- 869	- 2 220
2002 Q4	541	0	0	1 655	333	- 3 063	- 533	171	- 1 037	331	739	- 737	- 533
2003 Q1	522	0	0	2 956	275	- 4 519	- 765	168	- 799	274	368	- 775	- 765
2003 Q2	- 398	0	0	2 173	270	- 2 805	- 759	157	- 2 003	270	1 718	- 901	- 759
2003 Q3	- 346	0	0	2 962	246	- 4 219	- 1 357	96	- 1 524	246	689	- 863	- 1 357
2003 Q4	- 777	0	0	3 009	208	- 4 227	- 1 786	- 33	- 1 527	208	653	- 1 087	- 1 786
2004 Q1	- 2 283	0	0	2 505	274	- 3 988	- 3 493	19	- 3 020	274	125	- 890	- 3 493
2004 Q2	- 124	0	0	2 360	249	- 3 394	- 910	94	- 1 149	249	669	- 773	- 910
2004 Q3	470	0	0	2 767	276	- 4 351	- 838	61	- 507	276	29	- 697	- 838
2004 Q4	864	0	0	2 392	339	- 3 581	13	67	- 539	340	721	- 576	13
2005 Q1	20	0	0	1 221	441	- 3 524	- 1 842	- 191	- 607	441	- 916	- 569	- 1 842
2005 Q2	535	0	0	1 091	543	- 2 617	- 449	272	- 980	543	264	- 549	- 449
2005 Q3	558	0	0	1 599	606	- 4 043	- 1 279	212	- 930	606	- 637	- 530	- 1 279
2005 Q4	595	0	0	1 725	636	- 4 225	- 1 269	157	- 926	636	- 638	- 498	- 1 269
2006 Q1	668	0	0	1 515	637	- 4 645	- 1 824	222	- 669	637	- 1 500	- 514	- 1 824
2006 Q2	664	0	0	995	646	- 2 910	- 604	182	- 1 143	646	221	- 510	- 604
2006 Q3	580	0	0	1 332	635	- 3 833	- 1 287	69	- 1 060	635	- 439	- 492	- 1 287
2006 Q4	966	0	0	1 406	636	- 4 263	- 1 255	144	- 850	636	- 759	- 427	- 1 255
2007 Q1	844	0	0	1 240	712	- 4 272	- 1 476	75	- 678	712	- 1 170	- 415	- 1 476
2007 Q2	1 063	0	0	998	723	- 3 957	- 1 172	223	- 1 198	723	- 533	- 386	- 1 172
2007 Q3	906	0	0	1 191	698	- 3 545	- 750	159	- 1 148	698	- 102	- 358	- 750
2007 Q4	1 157	0	0	1 114	712	- 4 528	- 1 545	131	- 1 149	711	- 940	- 298	- 1 545
2008 Q1	- 112	0	0	906	420	- 2 984	- 1 770	- 324	- 1 139	420	- 201	- 527	- 1 770
2008 Q2	237	0	0	671	384	- 1 743	- 451	110	- 1 681	384	1 322	- 587	- 451
2008 Q3	53	0	1 088	596	- 855	- 1 733	- 852	157	- 1 490	232	921	- 671	- 852
2008 Q4	- 224	0	1 088	432	- 947	- 1 431	- 1 082	95	- 1 358	141	822	- 782	- 1 082
2009 Q1	194	0	1 088	205	- 849	- 835	- 197	33	- 838	238	825	- 455	- 197
2009 Q2	- 196	0	956	180	- 805	- 470	- 334	64	- 1 294	152	1 329	- 586	- 334
2009 Q3	- 522	0	956	284	- 886	- 892	- 1 060	- 14	- 1 186	70	741	- 671	- 1 060
2009 Q4	- 808	0	956	290	- 965	- 1 071	- 1 597	- 10	- 1 372	- 7	515	- 723	- 1 597
2010 Q1	- 237	0	958	258	- 811	- 1 091	- 923	93	- 870	147	296	- 589	- 923
2010 Q2	- 387	0	960	209	- 845	- 631	- 694	68	- 1 271	115	1 025	- 631	- 694
2010 Q3	- 448	0	960	298	- 884	- 804	- 877	40	- 1 177	76	832	- 648	- 877
2010 Q4	- 566	0	960	266	- 905	- 762	- 1 007	48	- 1 321	55	870	- 658	- 1 007
2011 Q1	- 773	0	960	249	- 877	- 994	- 1 435	- 14	- 1 186	83	475	- 794	- 1 435
2011 Q2	- 555	0	982	177	- 894	- 400	- 691	81	- 1 472	88	1 420	- 808	- 691
2011 Q3	- 608	0	982	231	- 899	- 602	- 895	7	- 1 314	83	1 141	- 812	- 895
2011 Q4	- 495	0	982	227	- 903	- 611	- 799	54	- 1 363	79	1 271	- 840	- 799
2012 Q1	- 610	0	982	227	- 1 177	- 1 210	- 1 788	237	- 1 236	- 195	310	- 904	- 1 788
2012 Q2	- 1 146	0	841	181	- 866	- 570	- 1 560	83	- 2 203	- 25	1 451	- 865	- 1 560
2012 Q3	- 433	0	841	236	- 683	- 690	- 729	81	- 1 459	158	1 280	- 790	- 729
2012 Q4	218	0	841	230	- 538	- 615	136	260	- 1 290	303	1 492	- 628	136
2013 Q1	- 517	- 72	745	241	- 833	- 993	- 1 429	20	- 1 199	- 93	672	- 829	- 1 429
2013 Q2	- 837	- 73	750	199	- 615	- 609	- 1 184	362	- 2 661	76	1 793	- 755	- 1 184
2013 Q3	407	26	764	282	- 554	- 856	70	781	- 1 594	185	1 494	- 796	70
2013 Q4	30	90	746	304	- 657	- 984	- 472	651	- 1 757	48	1 543	- 956	- 472
2014 Q1	837	17	648	307	- 2 035	- 1 402	- 1 628	1 020	- 475	- 1 440	482	- 1 215	- 1 628
2014 Q2	443	181	1 016	269	- 980	- 838	91	1 635	- 1 645	- 6	1 486	- 1 379	91
2014 Q3	88	459	1 064	358	- 849	- 1 277	- 157	1 377	- 992	165	666	- 1 373	- 157
2014 Q4	- 69	766	1 054	342	- 740	- 1 189	164	1 080	- 206	269	396	- 1 375	164
2015 Q1	-211	1085	769	324	-1141	-1340	-514	1635	90	-431	411	-2219	-514
2015 Q2	428	-17	757	257	-927	-868	-370	1204	-703	-219	1309	-1961	-370
2015 Q3	-1555	-18	761	365	-910	-1308	-2666	685	-1254	-197	-77	-1824	-2666
2015 Q4	872	-18	761	363	-1073	-1222	-317	1755	-370	-364	502	-1840	-317
2016 Q1	-81	-28	766	322	-943	-1047	-1011	1403	-1125	-177	967	-2079	-1011
2016 Q2	376	403	947	335	-1028	-1107	-74	1817	-1001	-136	1442	-2196	-74
2016 Q3	1007	402	973	358	-996	-1192	552	2714	-1197	-76	1301	-2190	552
2016 Q4	389	127	961	381	-871	-1251	-264	1902	-1177	-76	1443	-2356	-264
2017 Q1	619	-346	842	328	-871	-1037	-465	1799	-2180	-103	2465	-2446	-465
2017 Q2	1127	-160	837	357	-979	-1215	-33	2058	-1113	-185	1332	-2125	-33

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G14R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business	General	Dwellings [3]	Costs of	Dwellings [3]	Costs of	Total	Transport	ICT equipment	Dwellings [3]	Other	Intellectual	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1997 Q2	0.2	0.0	0.0	-54.7	4.1	23.3	0.7	-0.8	-4.2	3.3	5.2	0.3	0.7
1997 Q3	0.6	0.0	0.0	-2.7	2.6	-5.7	0.7	1.6	2.7	2.6	-2.6	0.3	0.7
1997 Q4	0.5	0.0	0.0	-0.5	0.5	4.5	0.8	0.6	0.4	0.5	2.5	0.2	0.8
1998 Q1	-2.3	0.0	0.0	33.1	-2.7	-19.8	-2.5	-7.9	-0.3	-2.7	-5.2	-3.6	-2.5
1998 Q2	0.9	0.0	0.0	-37.4	-0.8	32.5	0.9	0.8	-3.3	-0.8	7.6	0.3	0.9
1998 Q3	0.8	0.0	0.0	14.4	0.2	-7.3	0.0	1.4	2.3	0.2	-7.0	0.5	0.0
1998 Q4	0.6	0.0	0.0	0.6	1.0	5.5	1.4	1.6	1.7	0.9	2.4	1.2	1.4
1999 Q1	-2.3	0.0	0.0	66.7	-0.8	-16.2	-2.6	-4.0	-0.5	-0.8	-7.7	-1.8	-2.6
1999 Q2	0.9	0.0	0.0	-41.3	1.8	14.2	1.3	-1.5	-2.8	1.6	5.9	1.3	1.3
1999 Q3	0.5	0.0	0.0	32.5	1.4	1.6	0.2	-0.8	2.5	1.3	-5.0	1.1	0.2
1999 Q4	0.4	0.0	0.0	13.6	1.1	2.2	0.6	1.7	-0.5	1.0	0.2	1.1	0.6
2000 Q1	-0.2	0.0	0.0	3.0	-0.3	-8.4	-0.6	1.2	2.2	-0.4	-3.6	-0.2	-0.6
2000 Q2	0.4	0.0	0.0	-20.7	0.1	14.5	1.2	1.0	-4.1	0.2	7.2	0.6	1.2
2000 Q3	-1.2	0.0	0.0	-14.9	-0.3	-24.2	-2.4	-2.3	-0.7	-0.3	-8.8	-0.7	-2.4
2000 Q4	-0.9	0.0	0.0	29.4	-0.8	27.7	0.7	-2.0	-1.0	-0.8	4.7	-0.6	0.7
2001 Q1	0.3	0.0	0.0	97.4	1.5	-15.2	-0.1	-0.9	5.2	1.5	-4.0	-4.9	-0.1
2001 Q2	-0.6	0.0	0.0	-44.5	-1.1	10.7	-0.4	7.3	-4.9	-0.8	3.1	-0.9	-0.4
2001 Q3	-0.1	0.0	0.0	11.6	-0.7	-5.0	-0.9	1.2	4.6	-0.7	-5.8	-0.6	-0.9
2001 Q4	0.2	0.0	0.0	13.0	-0.2	-6.0	0.0	4.6	1.1	-0.2	-0.9	0.3	0.0
2002 Q1	1.6	0.0	0.0	40.2	2.7	-3.7	1.6	-4.1	3.6	2.5	-1.5	2.3	1.6
2002 Q2	-1.2	0.0	0.0	-54.9	0.2	-1.6	-1.4	1.6	-4.1	0.4	-2.4	0.1	-1.4
2002 Q3	-3.6	0.0	0.0	25.5	0.0	15.4	-1.5	-0.6	0.8	0.0	-4.6	-0.9	-1.5
2002 Q4	5.3	0.0	0.0	95.2	0.0	-4.4	3.5	-0.2	-0.8	-0.2	11.2	1.4	3.5
2003 Q1	0.0	0.0	0.0	-88.9	-0.4	-33.1	-0.5	-0.1	1.7	-0.6	-2.3	-0.5	-0.5
2003 Q2	-2.8	0.0	0.0	-35.1	-0.3	29.3	-0.2	-0.3	-10.6	0.0	8.0	-1.2	-0.2
2003 Q3	0.2	0.0	0.0	-5.5	-0.4	-12.4	-1.1	-1.4	7.0	-0.4	-8.1	0.4	-1.1
2003 Q4	-1.4	0.0	0.0	11.1	-0.5	0.3	-0.7	-3.2	0.6	-0.5	-0.9	-1.9	-0.7
2004 Q1	-4.8	0.0	0.0	56.9	0.6	5.3	-2.8	1.9	-11.0	0.4	-3.7	1.7	-2.8
2004 Q2	6.1	0.0	0.0	-19.9	-0.2	13.0	3.6	2.3	9.3	0.0	2.9	0.9	3.6
2004 Q3	2.1	0.0	0.0	-1.5	0.2	-8.3	0.3	-0.5	6.6	0.2	-4.5	1.0	0.3
2004 Q4	1.3	0.0	0.0	15.8	0.5	1.5	1.6	0.6	0.1	0.5	4.0	1.3	1.6
2005 Q1	-2.7	0.0	0.0	29.0	0.8	-7.5	-3.3	-10.5	-0.8	0.7	-10.0	0.2	-3.3
2005 Q2	1.8	0.0	0.0	-20.8	0.7	21.6	2.3	21.8	-3.5	0.8	5.2	0.4	2.3
2005 Q3	0.4	0.0	0.0	26.8	0.5	-9.4	-1.4	-0.5	0.9	0.4	-5.7	0.1	-1.4
2005 Q4	0.1	0.0	0.0	3.4	0.2	1.8	0.1	-0.7	0.3	0.1	0.2	0.5	0.1
2006 Q1	0.3	0.0	0.0	59.2	0.1	-7.2	-0.8	1.6	2.1	-0.2	-3.7	-0.3	-0.8
2006 Q2	-0.1	0.0	0.0	-36.0	0.0	15.1	1.7	-2.6	-4.7	0.4	6.2	0.0	1.7
2006 Q3	-0.4	0.0	0.0	31.9	-0.1	-3.8	-1.1	-3.6	2.7	-0.2	-3.7	0.4	-1.1
2006 Q4	1.0	0.0	0.0	-2.6	-0.1	-2.9	0.1	2.3	2.2	-0.1	-1.3	0.7	0.1
2007 Q1	-0.2	0.0	0.0	46.1	0.5	-5.0	-0.3	-1.5	1.5	0.3	-1.5	0.2	-0.3
2007 Q2	0.5	0.0	0.0	-49.4	-0.1	6.1	0.3	4.6	-4.8	0.3	2.1	0.2	0.3
2007 Q3	-0.4	0.0	0.0	40.0	-0.1	13.3	0.7	-0.6	1.8	-0.2	2.0	0.3	0.7
2007 Q4	0.4	0.0	0.0	-7.7	-0.1	-15.8	-1.1	-0.6	1.2	-0.1	-3.4	0.7	-1.1
2008 Q1	-2.8	0.0	0.0	43.8	-2.0	0.6	-0.4	-15.6	-0.5	-2.1	2.4	-1.6	-0.4
2008 Q2	1.0	0.0	0.0	-32.2	-0.3	22.8	1.6	51.8	-4.8	0.0	5.5	-0.5	1.6
2008 Q3	-0.4	0.0	208.4	17.7	-8.9	-6.5	-0.6	1.9	2.3	-1.0	-2.1	-0.6	-0.6
2008 Q4	-0.7	0.0	-4.7	0.0	-0.8	-5.7	-0.4	-1.9	1.3	-0.7	-0.4	-0.7	-0.4
2009 Q1	1.1	0.0	-34.8	64.2	-0.4	2.7	1.3	-1.6	3.5	0.8	-0.1	2.1	1.3
2009 Q2	-1.2	0.0	22.3	-49.0	0.3	36.1	-0.3	1.0	-5.3	-0.5	3.1	-1.2	-0.3
2009 Q3	-1.0	0.0	-52.4	44.7	-0.7	-12.3	-1.3	-2.5	3.4	-0.8	-4.9	-0.5	-1.3
2009 Q4	-0.9	0.0	-5.5	9.4	-1.2	-7.0	-0.9	0.1	-1.3	-0.7	-1.3	-0.2	-0.9
2010 Q1	1.7	0.0	-22.8	12.1	1.1	-11.5	1.3	4.4	4.7	1.3	-1.3	1.2	1.3
2010 Q2	-0.5	0.0	25.3	-44.2	1.3	39.0	0.2	-1.1	-4.2	-0.3	3.5	-0.4	0.2
2010 Q3	-0.1	0.0	-44.2	38.3	0.2	-1.0	-0.2	-1.4	2.9	-0.4	-2.4	0.1	-0.2
2010 Q4	-0.3	0.0	-2.0	-2.2	-0.1	-1.9	-0.1	-0.2	-0.3	-0.2	0.2	0.1	-0.1
2011 Q1	-0.7	0.0	-27.8	19.2	-0.5	-14.0	-0.7	-0.7	0.9	0.2	-2.9	-0.8	-0.7
2011 Q2	0.7	0.0	28.4	-51.5	0.7	34.5	0.9	5.4	-3.3	0.0	4.7	-0.5	0.9
2011 Q3	0.0	0.0	-39.2	28.8	0.2	-5.1	-0.2	-2.9	3.8	-0.1	-3.1	0.3	-0.2
2011 Q4	0.5	0.0	-4.4	0.3	0.2	-0.6	0.2	2.2	0.6	0.0	0.4	0.0	0.2
2012 Q1	-0.3	0.0	-29.2	7.1	-2.9	-23.7	-1.4	6.9	0.6	-2.0	-5.4	-0.4	-1.4
2012 Q2	-1.5	0.0	21.0	-38.0	3.1	35.7	0.0	-6.2	-8.4	1.2	4.9	0.0	0.0
2012 Q3	2.2	0.0	-37.4	41.9	1.6	-1.2	1.5	0.2	8.5	1.5	-1.5	0.7	1.5
2012 Q4	1.9	0.0	-3.6	-4.9	1.5	2.1	1.4	6.7	2.8	1.0	0.5	1.5	1.4
2013 Q1	-1.7	-0.7	-34.2	32.0	-2.8	-14.9	-2.2	-4.4	0.5	-2.8	-3.6	-1.3	-2.2
2013 Q2	-0.9	-0.2	22.8	-53.7	3.3	24.4	0.2	18.7	-11.8	1.4	5.0	0.2	0.2
2013 Q3	3.4	1.3	-35.5	44.3	0.6	-3.2	2.1	13.4	13.8	0.7	-2.4	-0.1	2.1
2013 Q4	-1.0	0.6	-5.3	-0.2	-0.7	-2.1	-0.8	-6.4	-0.4	-1.0	-0.2	-0.7	-0.8
2014 Q1	1.9	-1.1	-34.9	28.2	-9.9	-14.2	-1.5	16.2	8.4	-9.8	-5.1	-1.4	-1.5
2014 Q2	-1.1	0.9	37.5	-48.3	8.2	27.4	2.1	5.3	-8.2	9.1	3.9	-1.6	2.1
2014 Q3	-0.9	2.6	-42.6	39.2	1.2	-7.9	-0.4	-7.0	6.0	1.1	-4.1	0.2	-0.4
2014 Q4	-0.4	2.5	-6.1	3.6	0.7	0.3	0.4	-13.4	5.6	0.6	-1.3	0.5	0.4
2015 Q1	-0.3	-0.4	-47.9	33.3	-3.0	-10.2	-0.8	7.6	1.9	-4.2	-0.2	-5.3	-0.8
2015 Q2	1.4	-3.7	18.7	-56.0	2.7	23.5	0.1	-9.5	-5.2	1.5	3.3	1.3	0.1
2015 Q3	-4.5	0.0	-35.9	45.1	0.1	-7.1	-3.1	-6.9	-3.7	0.2	-6.2	0.9	-3.1
2015 Q4	5.6	0.0	1.0	0.1	-0.9	2.4	3.2	23.2	6.6	-1.0	2.3	0.3	3.2
2016 Q1	-1.9	0.0	-16.7	0.2	0.4	0.8	-0.9	-5.8	-5.2	1.0	1.7	-1.4	-0.9
2016 Q2	1.1	2.6	27.4	0.3	0.1	-0.5	1.1	-2.4	0.6	0.2	2.2	-1.1	1.1
2016 Q3	1.4	-0.6	-24.2	0.1	0.2	-0.2	0.8	16.7	-1.1	0.3	-1.1	0.2	0.8
2016 Q4	-1.5	-2.3	-4.7	0.1	0.9	0.3	-1.0	-11.6	1.0	0.1	0.3	-0.4	-1.0
2017 Q1	0.5	-4.3	-32.2	0.6	-0.2	0.7	-0.2	4.1	-6.5	-0.2	3.1	-0.6	-0.2
2017 Q2	1.1	0.3	16.7	-1.4	-0.4	-1.9	0.5	-2.2	6.2	-0.5	-2.5	1.4	0.5

1 Not including expenditure on dwellings, land and existing buildings and costs of ownership transfer of non-produced assets
2 Remaining investment by public corporations included within business investment
3 New dwellings and improvements to dwellings, excludes the value of land underlying dwellings (AN.111)
4 Other buildings and structures (AN.112) consist of buildings other than dwellings, other structures and land improvements. Also included are the costs of ownership transfer on non-produced assets (AN.116)
5 Includes cultivated biological resources (AN.115) and weapons (AN.114)

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

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

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

G15R Gross Fixed Capital Formation by sector and type of asset

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

Growth (%)

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business	General	Dwellings [3]	Costs of	Dwellings [3]	Costs of	Total	Transport	ICT equipment	Dwellings [3]	Other	Intellectual	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998 Q1	-1.2	0.0	0.0	-19.1	4.5	-12.6	-0.3	-4.2	-1.9	3.8	0.8	-3.0	-0.3
1998 Q2	-0.4	0.0	0.0	-9.8	-0.8	-1.8	0.0	-2.0	-1.0	-0.7	4.7	-3.0	0.0
1998 Q3	-0.2	0.0	0.0	-0.7	-3.3	-1.9	-0.8	-2.0	-1.1	-3.1	1.3	-2.8	-0.8
1998 Q4	0.0	0.0	0.0	0.5	-2.6	0.2	-0.2	-1.1	-0.1	-2.4	1.2	-1.8	-0.2
1999 Q1	-0.2	0.0	0.0	13.2	-0.5	21.1	-0.3	0.3	-0.2	-0.4	-1.4	0.2	-0.3
1999 Q2	-0.1	0.0	0.0	-8.9	2.0	2.1	0.1	-1.8	0.2	2.0	-4.0	1.2	0.1
1999 Q3	-0.5	0.0	0.0	2.6	3.4	11.8	0.2	-3.7	0.1	3.1	-2.2	1.8	0.2
1999 Q4	-0.5	0.0	0.0	23.2	3.4	7.0	-0.6	-3.2	-1.5	3.2	-4.6	1.8	-0.6
2000 Q1	1.7	0.0	0.0	-29.3	4.3	12.3	1.6	0.2	0.8	3.9	-0.3	3.4	1.6
2000 Q2	1.4	0.0	0.0	15.4	2.5	12.5	1.5	3.4	0.0	2.3	1.7	2.9	1.5
2000 Q3	-0.6	0.0	0.0	-20.9	0.6	-17.5	-1.2	0.6	-3.1	0.6	-2.6	0.9	-1.2
2000 Q4	-2.0	0.0	0.0	-11.1	-1.4	1.1	-1.2	-3.5	-4.0	-1.3	1.5	-1.0	-1.2
2001 Q1	-1.4	0.0	0.0	60.0	0.6	-4.9	-0.8	-4.6	0.1	0.5	1.0	-5.9	-0.8
2001 Q2	-2.3	0.0	0.0	16.6	-0.6	-9.9	-2.4	-2.4	-1.3	-0.6	-4.8	-7.2	-2.4
2001 Q3	-1.2	0.0	0.0	71.1	-0.9	23.9	-0.8	3.1	3.3	-0.9	-1.6	-7.3	-0.8
2001 Q4	-0.2	0.0	0.0	41.6	-0.3	-19.2	-1.5	8.6	4.9	-0.3	-6.4	-6.4	-1.5
2002 Q1	1.1	0.0	0.0	-2.7	1.0	-5.2	0.2	16.1	3.3	0.8	-4.1	1.1	0.2
2002 Q2	0.6	0.0	0.0	-13.8	2.3	-19.4	-0.8	9.2	4.9	2.2	-10.1	2.3	-0.8
2002 Q3	-3.1	0.0	0.0	1.8	3.1	1.0	-1.4	7.0	1.2	3.0	-9.3	1.8	-1.4
2002 Q4	2.0	0.0	0.0	93.5	3.6	4.0	2.3	-4.3	-0.5	3.3	2.5	2.9	2.3
2003 Q1	0.2	0.0	0.0	-78.3	-0.4	-35.1	0.0	0.2	-2.8	-0.4	1.7	0.1	0.0
2003 Q2	-1.5	0.0	0.0	-44.3	-0.9	3.0	1.3	-1.0	-10.6	-0.8	14.0	-1.3	1.3
2003 Q3	2.1	0.0	0.0	-92.0	-1.3	-20.9	1.7	-1.8	-5.9	-1.3	10.0	0.0	1.7
2003 Q4	-3.9	0.0	0.0	-148.7	-1.8	-16.2	-2.3	-4.4	-4.3	-1.6	-0.5	-3.2	-2.3
2004 Q1	-8.7	0.0	0.0	3.6	-0.7	34.0	-4.8	-3.2	-17.0	-0.4	-1.5	-1.0	-4.8
2004 Q2	0.8	0.0	0.0	49.7	-0.5	11.6	-0.2	-1.5	8.5	-0.5	-8.8	1.1	-0.2
2004 Q3	2.6	0.0	0.0	46.4	0.0	12.8	1.1	-0.6	8.1	0.1	-5.1	1.8	1.1
2004 Q4	5.0	0.0	0.0	46.7	1.0	12.2	3.4	3.4	7.9	1.0	0.3	5.1	3.4
2005 Q1	6.6	0.0	0.0	23.3	1.3	-1.6	2.7	-6.7	14.8	1.2	-5.5	3.6	2.7
2005 Q2	2.7	0.0	0.0	21.4	2.3	5.4	1.0	5.2	2.2	2.3	-3.0	3.2	1.0
2005 Q3	0.1	0.0	0.0	41.3	2.7	6.9	-0.7	5.2	-3.6	2.4	-3.9	2.1	-0.7
2005 Q4	-1.2	0.0	0.0	37.1	2.3	8.7	-2.3	3.8	-3.2	2.2	-8.8	1.2	-2.3
2006 Q1	2.3	0.0	0.0	76.9	1.5	11.9	0.3	18.1	-0.4	1.2	-2.2	0.7	0.3
2006 Q2	0.6	0.0	0.0	19.3	0.7	6.0	-0.3	-2.3	-2.0	0.6	-0.5	0.2	-0.3
2006 Q3	-0.1	0.0	0.0	22.3	0.2	9.6	0.1	-6.1	-0.7	0.2	1.3	0.4	0.1
2006 Q4	0.9	0.0	0.0	16.7	-0.1	4.5	0.2	-2.5	1.3	0.0	-0.2	0.7	0.2
2007 Q1	0.3	0.0	0.0	6.8	0.4	6.0	0.8	-4.7	0.7	0.4	2.0	1.2	0.8
2007 Q2	1.0	0.0	0.0	0.7	0.4	-6.6	-0.9	0.9	0.1	0.4	-4.1	1.5	-0.9
2007 Q3	0.9	0.0	0.0	8.4	0.2	10.3	0.9	3.1	-0.6	0.3	1.6	1.4	0.9
2007 Q4	0.2	0.0	0.0	2.6	0.3	-5.8	-0.3	0.4	-1.8	0.2	-0.2	1.4	-0.3
2008 Q1	-2.8	0.0	0.0	3.5	-2.3	0.3	-0.3	-14.0	-3.6	-2.2	4.0	-0.5	-0.3
2008 Q2	-2.5	0.0	0.0	19.0	-2.6	11.7	1.2	-3.6	-3.2	-2.5	7.9	-1.3	1.2
2008 Q3	-2.6	0.0	125.2	7.5	-11.3	-1.1	-0.2	-0.5	-2.4	-3.2	4.2	-2.2	-0.2
2008 Q4	-3.2	0.0	117.0	9.3	-11.4	2.8	0.5	-1.9	-2.0	-3.5	5.6	-3.4	0.5
2009 Q1	0.8	0.0	65.8	22.9	-8.8	3.8	2.0	31.6	2.0	-0.7	3.7	0.4	2.0
2009 Q2	-1.1	0.0	183.1	28.4	-8.1	7.0	0.0	-0.6	-0.1	-1.1	1.4	-0.3	0.0
2009 Q3	-1.5	0.0	-12.8	53.2	-1.4	10.0	-0.5	-5.1	0.6	-0.9	-0.4	-0.3	-0.5
2009 Q4	-1.7	0.0	-13.8	81.2	-1.8	14.6	-0.9	-3.1	-1.5	-0.9	-1.1	0.1	-0.9
2010 Q1	-1.2	0.0	-5.9	-0.4	-0.5	-7.6	-1.2	2.3	-0.8	-0.6	-2.2	-0.9	-1.2
2010 Q2	-0.6	0.0	0.7	0.8	0.1	-4.4	-0.6	0.1	1.8	-0.4	-1.6	0.0	-0.6
2010 Q3	0.4	0.0	4.1	-0.8	1.1	5.2	0.5	2.2	1.3	0.0	0.6	0.6	0.5
2010 Q4	1.1	0.0	6.6	-11.7	2.7	9.9	1.3	2.9	2.5	0.5	1.9	0.9	1.3
2011 Q1	-1.6	0.0	3.9	-5.3	0.6	9.2	-0.8	-2.8	-1.8	-0.7	0.7	-1.2	-0.8
2011 Q2	-0.5	0.0	10.2	-18.7	0.2	7.9	0.0	0.9	-0.6	-0.3	2.1	-1.3	0.0
2011 Q3	-0.4	0.0	11.2	-21.5	0.2	4.3	0.0	-0.5	0.2	0.0	1.4	-1.0	0.0
2011 Q4	0.3	0.0	9.4	-21.2	0.5	6.6	0.4	0.6	1.1	0.2	1.6	-1.1	0.4
2012 Q1	0.8	0.0	8.0	-36.5	-2.2	-5.7	-0.4	14.0	0.7	-2.3	-0.8	-0.7	-0.4
2012 Q2	-1.7	0.0	-11.2	-18.0	0.2	-4.9	-1.4	-0.4	-6.3	-0.9	-1.2	-0.2	-1.4
2012 Q3	0.6	0.0	-9.8	-8.2	1.6	-1.4	0.2	3.6	-1.7	0.6	0.3	0.2	0.2
2012 Q4	1.9	0.0	-9.0	-13.6	2.7	1.6	1.4	7.4	0.1	1.6	0.5	1.8	1.4
2013 Q1	0.3	-0.5	-12.6	11.0	2.9	14.2	0.5	-5.8	0.1	0.8	1.5	0.7	0.5
2013 Q2	1.1	-0.8	-11.4	-6.6	3.2	2.4	0.8	10.8	-4.0	0.8	1.2	1.1	0.8
2013 Q3	2.3	0.3	-9.6	-8.5	2.0	0.5	1.3	29.0	0.0	0.0	0.5	0.2	1.3
2013 Q4	-0.4	0.9	-11.3	-2.8	-0.3	-4.9	-0.9	12.0	-3.0	-2.2	-0.3	-2.0	-0.9
2014 Q1	3.7	0.7	-11.1	-6.2	-8.9	-4.5	0.0	55.6	5.2	-10.5	-1.3	-2.2	0.0
2014 Q2	3.5	2.9	16.5	6.3	-2.3	-1.5	2.1	43.8	12.7	-0.6	-2.1	-4.0	2.1
2014 Q3	-0.8	4.1	12.3	3.9	-1.7	-6.7	-0.3	15.1	5.1	-0.3	-3.8	-3.7	-0.3
2014 Q4	-0.2	6.0	11.8	7.7	-0.3	-3.6	0.9	8.7	10.8	1.5	-4.8	-2.5	0.9
2015 Q1	-2.8	5.9	-0.1	15.0	6.5	0.7	1.6	-18.4	4.0	6.7	-0.3	-6.3	1.6
2015 Q2	-0.1	-2.4	-31.3	0.4	1.0	-1.7	-0.7	-31.3	7.1	-1.4	-1.1	-3.5	-0.7
2015 Q3	-3.9	-4.3	-26.6	2.7	-0.1	-0.8	-3.3	-28.2	-1.9	-2.3	-3.1	-2.8	-3.3
2015 Q4	2.1	-6.3	-17.8	-1.1	-1.9	1.2	-0.6	12.6	-1.0	-3.9	0.3	-2.9	-0.6
2016 Q1	0.3	-6.0	2.8	-37.2	2.2	21.0	-0.7	-1.1	-8.0	1.8	2.0	1.2	-0.7
2016 Q2	-0.2	4.2	14.6	42.2	-0.4	-3.7	0.4	7.4	-2.1	0.5	0.5	-1.3	0.4
2016 Q3	5.8	3.8	18.1	0.7	-0.2	2.6	4.2	41.3	0.3	0.8	5.4	-2.0	4.2
2016 Q4	-1.1	1.3	14.0	0.7	1.5	0.6	0.1	-2.3	-5.2	1.7	3.5	-2.7	0.1
2017 Q1	1.6	-1.9	3.2	1.1	1.0	0.6	0.8	9.0	-6.6	0.5	5.0	-1.9	0.8
2017 Q2	1.7	-5.7	-21.7	-0.5	0.5	-0.8	0.1	7.8	-0.2	-0.2	-0.9	0.7	0.1

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.

G16R Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX
1997	2 000	0	0	2 636	- 291	- 5 520	- 1 174	311	- 3 804	- 294	3 640	- 1 026	- 1 174
1998	1 660	0	0	2 337	- 484	- 5 324	- 1 811	46	- 4 388	- 486	4 967	- 1 950	- 1 811
1999	1 230	0	0	3 125	62	- 6 644	- 2 226	- 225	- 4 524	63	4 151	- 1 691	- 2 226
2000	1 421	0	0	3 251	458	- 7 234	- 2 105	- 196	- 5 583	457	4 415	- 1 198	- 2 105
2001	- 265	0	0	4 266	373	- 9 214	- 4 839	- 77	- 4 147	371	2 934	- 3 921	- 4 839
2002	- 36	0	0	5 532	1 199	- 11 557	- 4 862	751	- 3 202	1 196	- 492	- 3 115	- 4 862
2003	- 999	0	0	11 101	998	- 15 769	- 4 667	388	- 5 853	997	3 427	- 3 627	- 4 667
2004	- 1 074	0	0	10 023	1 138	- 15 314	- 5 228	242	- 5 215	1 139	1 544	- 2 937	- 5 228
2005	1 708	0	0	5 636	2 227	- 14 409	- 4 839	451	- 3 443	2 227	- 1 927	- 2 146	- 4 839
2006	2 878	0	0	5 248	2 554	- 15 650	- 4 970	617	- 3 722	2 554	- 2 478	- 1 942	- 4 970
2007	3 971	0	0	4 543	2 846	- 16 303	- 4 943	587	- 4 173	2 845	- 2 745	- 1 457	- 4 943
2008	- 46	0	2 176	2 605	- 998	- 7 892	- 4 155	38	- 5 667	1 177	2 864	- 2 566	- 4 155
2009	-1332	0	3956	960	-3504	-3268	-3188	73	-4690	454	3410	-2435	-3188
2010	-1638	0	3838	1032	-3445	-3288	-3501	249	-4639	393	3023	-2527	-3501
2011	-2431	0	3906	884	-3573	-2607	-3820	128	-5335	333	4307	-3253	-3820
2012	-1970	0	3505	874	-3265	-3085	-3941	660	-6188	240	4534	-3187	-3941
2013	-917	-29	3005	1027	-2660	-3441	-3015	1814	-7211	215	5502	-3336	-3015
2014	1298	1423	3782	1276	-4603	-4706	-1530	5113	-3319	-1011	3030	-5343	-1530
2015	-466	1032	3048	1309	-4050	-4738	-3867	5279	-2237	-1210	2145	-7844	-3867
2016	1691	904	3647	1396	-3838	-4597	-797	7836	-4500	-465	5153	-8821	-797

Percentage change, latest year on previous year **Not seasonally adjusted**

Current Prices

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998	-0.5	0.0	0.0	-7.8	-0.7	-3.8	-0.3	-2.5	-1.0	-0.6	1.8	-2.6	-0.3
1999	-0.4	0.0	0.0	8.8	2.1	9.9	-0.2	-1.9	-0.4	2.0	-3.0	1.3	-0.2
2000	0.1	0.0	0.0	-14.9	1.4	-0.6	0.2	0.3	-1.7	1.3	0.1	1.6	0.2
2001	-1.2	0.0	0.0	45.3	-0.3	-5.1	-1.4	1.2	1.8	-0.3	-2.8	-6.7	-1.4
2002	0.2	0.0	0.0	21.6	2.5	-4.3	0.1	8.3	2.0	2.3	-5.3	2.0	0.1
2003	-0.7	0.0	0.0	-98.7	-1.1	-16.8	0.1	-1.8	-5.6	-1.1	6.2	-1.1	0.1
2004	-0.1	0.0	0.0	30.5	0.0	17.3	-0.2	-0.7	1.3	0.0	-3.5	1.7	-0.2
2005	2.5	0.0	0.0	31.1	2.1	5.0	0.3	1.9	3.6	2.0	-5.3	2.5	0.3
2006	0.9	0.0	0.0	32.8	0.5	7.0	0.1	1.0	-0.4	0.4	-0.4	0.6	0.1
2007	0.6	0.0	0.0	4.0	0.4	1.5	0.1	0.1	-0.4	0.3	0.1	1.3	0.1
2008	-2.8	0.0	55.8	10.2	-7.0	3.1	0.3	-4.6	-2.9	-2.9	5.3	-1.9	0.3
2009	-0.9	0.0	28.0	39.6	-5.3	8.2	0.1	0.3	0.4	-0.9	1.0	-0.1	0.1
2010	-0.2	0.0	0.7	-3.6	0.7	2.1	0.0	1.5	0.9	-0.2	-0.3	0.0	0.0
2011	-0.5	0.0	7.8	-16.4	0.4	6.2	-0.1	-0.2	-0.2	-0.2	1.4	-1.2	-0.1
2012	0.5	0.0	-2.3	-20.0	0.7	-2.2	0.0	5.8	-1.5	-0.1	-0.2	0.3	0.0
2013	0.7	-0.1	-11.2	-1.5	2.1	3.1	0.5	10.8	-1.6	-0.1	0.9	0.0	0.5
2014	1.4	3.2	5.4	2.5	-3.1	-4.3	0.7	26.0	7.9	-2.3	-3.1	-3.1	0.7
2015	-1.0	-0.7	-17.9	4.7	1.4	-0.2	-0.7	-13.8	1.9	-0.2	-1.0	-3.9	-0.7
2016	1.2	-0.4	11.8	-2.4	0.8	3.5	1.1	9.9	-3.9	1.2	2.8	-1.2	1.1

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.