Office for National Statistics

Statistical bulletin

Business investment in the UK: April to June 2019 revised results

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

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Release date:
30 September 2019

Next release:
20 December 2019

Notice

30 September 2019

The Business investment by industry and asset breakdown dataset has not been released as planned but will be available at the earliest opportunity. Apologies for the inconvenience

30 September 2019

The Annual gross fixed capital formation by industry and asset dataset has not been released as planned but will be available as soon as possible. Apologies for the inconvenience.

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1 . Main points

- Business investment, in volume terms, was estimated to have fallen by 0.4% to £49.2 billion between Quarter 1 (Jan to Mar) 2019 and Quarter 2 (Apr to June) 2019; this follows a 0.8% increase in Quarter 1 2019, the first quarter-on-quarter increase in business investment since Quarter 4 (Oct to Dec) 2017.
- Gross fixed capital formation (GFCF), in volume terms, was estimated to have fallen by 0.9% to £87.2 billion between Quarter 1 2019 and Quarter 2 2019.
- Between Quarter 2 2018 and Quarter 2 2019, business investment was estimated to have fallen by 1.4% from £49.9 billion; GFCF was estimated to have increased by 0.3% in the same period from £87.0 billion.
- The asset that contributed most to the fall in business investment between Quarter 1 2019 and Quarter 2 2019 was information and communication technology (ICT) equipment and other machinery and equipment.
- The largest negative contribution to the 0.9% GFCF decrease between Quarter 1 2019 and Quarter 2 2019, on a sector basis, came from general government, with business investment also contributing negatively; the asset that contributed most to the fall was ICT equipment and other machinery and equipment.
- Estimates in this bulletin are consistent with the UK National Accounts, The Blue Book 2019 edition to be published on 31 October 2019; all data have been revised from their start point; the reference year for the chained volume estimates in this bulletin remains as 2016.

2 . Changes in this release

Blue Book 2019

Each year we produce an annual update to the UK National Accounts in the Blue Book and associated releases. This release and accompanying datasets are consistent with changes made as part of Blue Book 2019. Details have already been provided on the impact of these changes up to 2016 in the article National Accounts articles: Impact of Blue Book 2019 changes on gross fixed capital formation and business investment .

This year, because of the very demanding set of changes being put through in the annual update, we have exceptionally not fully reconciled 2017 annual gross domestic product (GDP) data, instead producing an indicative balance to allow further time for final quality assurance of the data. Consequently, the reference year and last base year for all chained volume measure series remain as 2016.

For more information on the improvements and changes to gross fixed capital formation (GFCF) and business investment introduced in this Blue Book 2019-consistent publication, please see Section 13 of this bulletin.

3 . Things you need to know about this release

The estimates in this release are short-term indicators of investment in non-financial assets in the UK, such as dwellings (residential buildings), transport equipment (planes, trains and automobiles), machinery (electrical equipment), buildings (non-residential buildings and roads) and intellectual property products (assets without physical properties – formerly known as intangibles). This release covers not only business investment, but asset and sector breakdowns of total gross fixed capital formation (GFCF), of which business investment is one component.

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

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

The Business investment Quality and Methodology Information includes information on the quality and methodology used in the production of business investment statistics.

International Financial Reporting Standards (IFRS16)

In January 2019, a new reporting standard took effect for those businesses using accountancy framework International Financial Reporting Standards (IFRS). IFRS16 Leases brings the reporting of operating leases onto balance sheets. This has impacted how some businesses have reported on their fixed assets, mainly through our Quarterly Acquisition and Disposal of Capital Assets Survey (QCAS), used in the compilation of gross fixed capital formation (GFCF) and business investment.

While we recognise there is a change to the accounting standards for some businesses this quarter, there has been no change to national accounts standards on the treatment of leases as we need to be consistent with the European System of Accounts (ESA10), which specifies that operating leases should be excluded.

To assess the impact of IFRS16's introduction on GFCF and business investment estimates, we contacted QCAS respondents with large movements in their data to ask them which accountancy framework they used and, if using the IFRS framework, what if any impact IFRS16 has had on their data for Quarter 1 (Jan to Mar) 2019 and Quarter 2 (Apr to June) 2019.

As a result, we have made an adjustment of approximately negative £244 million and negative £133 million in Quarter 1 2019 and Quarter 2 2019 respectively, to remove the quantified impact of its introduction and better reflect underlying growth for GFCF and business investment. This adjustment has been applied mainly to reflect the impact on generally larger companies. The asset most affected by the introduction of IFRS16 in Quarter 1 2019 was ICT equipment and other machinery and equipment. In Quarter 2 2019 the asset most affected was intellectual property products.

We will continue to adjust for IFRS16's impact in the future because of the inclusion of operating leases being contrary to the requirements of ESA10.

4 . Gross fixed capital formation 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) 2019, 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		-0.9	0.3	87,238
GFCF by sector	Business investment	-0.4	-1.4	49,174
	General government	-3.6	6.1	14,220
	Public corporations' dwellings	1.5	-6.3	1,057
	Public corporations' cost of ownership transfer on non-produced assets	10.6	-6.5	188
	Private sector dwellings	-0.4	1.1	18,247
	Private sector cost of ownership transfer on non-produced assets	-1.8	0.7	4,352
GFCF by asset	Transport equipment	30.1	12.4	4,716
	ICT equipment and other machinery and equipment	-15.0	-16.1	12,730
	Dwellings	-0.3	0.7	19,306
	Other buildings and structures and transfer costs	2.2	7.5	30,615
	Intellectual property products	-1.3	-0.4	19,871

Source: Office for National Statistics

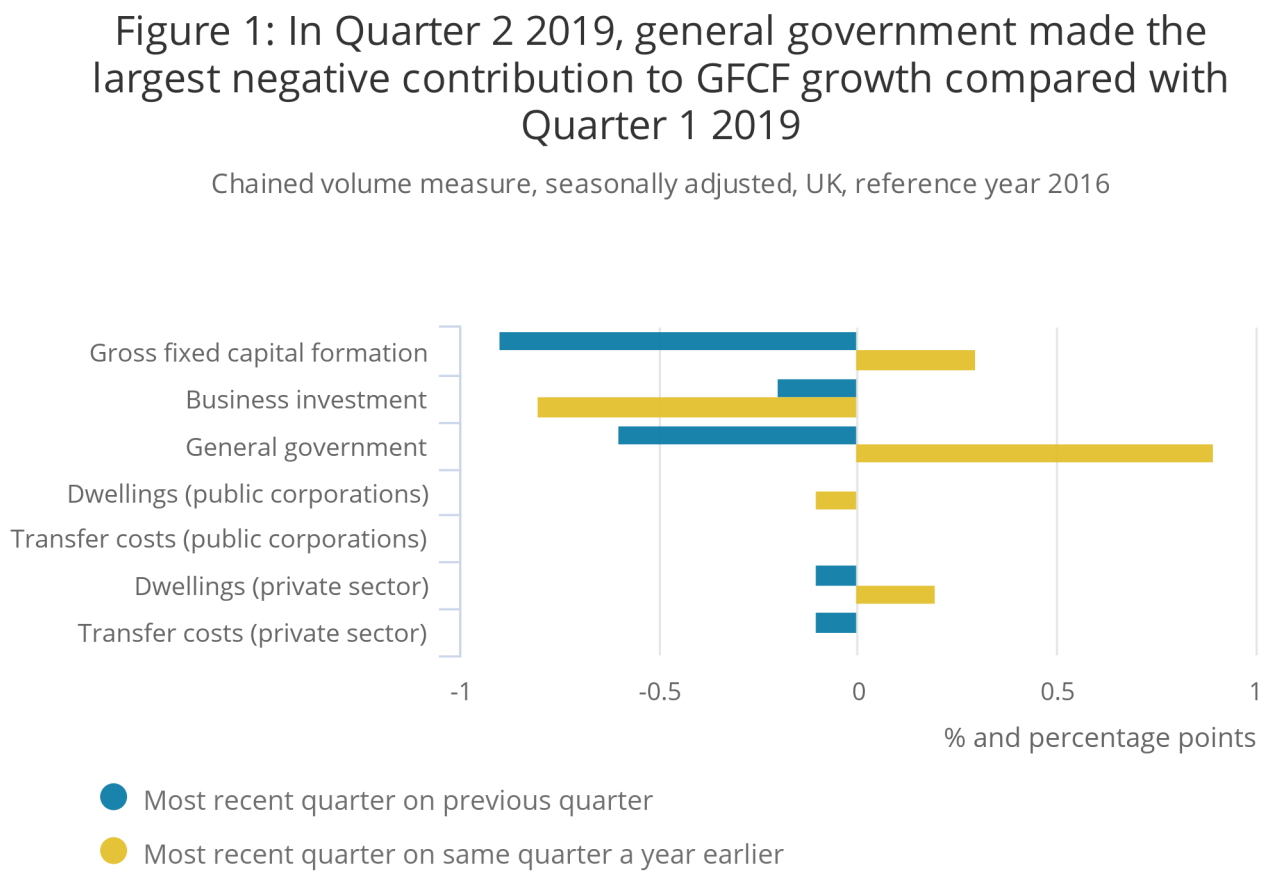
5 . GFCF fell in Quarter 2 2019, largely because of decreased investment by general government and businesses

Between Quarter 1 (Jan to Mar) 2019 and Quarter 2 (Apr to June) 2019, gross fixed capital formation (GFCF) decreased by 0.9%, the largest fall since Quarter 1 2018, when GFCF also decreased by 0.9% compared with Quarter 4 (Oct to Dec) 2017.

On a sector basis, the largest negative contribution came from general government, which contributed negative 0.6 percentage points. The general government decrease in the latest quarter was because of decreased investment across a number of central government departments. Business investment contributed negative 0.2 percentage points, while private sector dwellings and private sector transfer costs both contributed negative 0.1 percentage points (Figure 1). Note that contributions may not sum to total growth because of rounding.

Figure 1: In Quarter 2 2019, general government made the largest negative contribution to GFCF growth compared with Quarter 1 2019

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

1. The data in this chart cover Quarter 2 (Apr to June) 2019.

Between Quarter 2 2018 and Quarter 2 2019, GFCF increased by 0.3%. General government made the largest positive contribution, contributing 0.9 percentage points. This was partially offset by business investment, which contributed negative 0.8 percentage points for the same period.

6 . ICT equipment and other machinery and equipment contributed most to the fall in GFCF in Quarter 2 2019

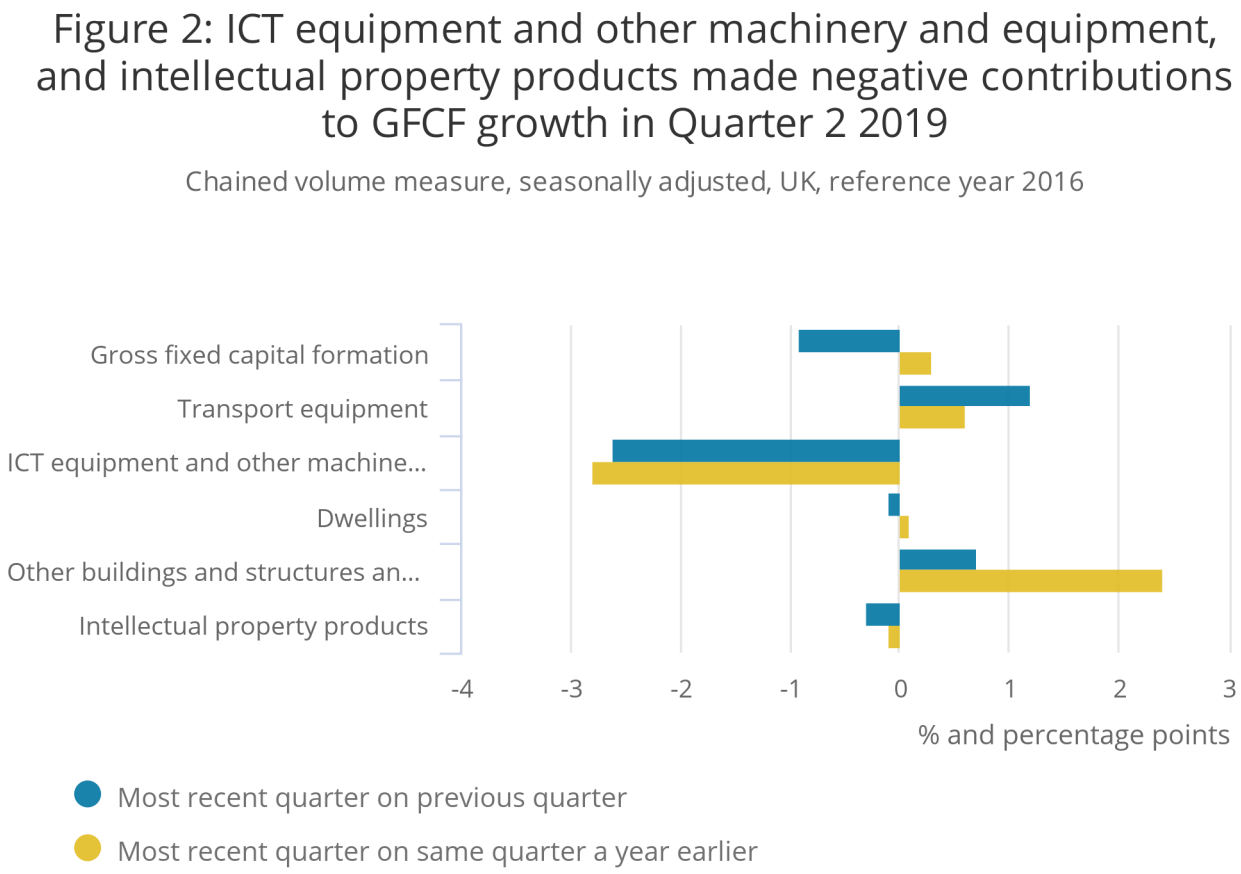
Information and communication technology (ICT) equipment and other machinery and equipment, together with intellectual property products, contributed negative 2.6 and negative 0.3 percentage points respectively to the 0.9% decrease in gross fixed capital formation (GFCF) between Quarter 1 (Jan to Mar) 2019 and Quarter 2 (Apr to June) 2019.

ICT equipment and other machinery and equipment fell by 15.0% compared with Quarter 1 2019. This was because of data from the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) and from central government. The only time this asset has experienced a larger fall was Quarter 3 (July to Sept) 2000, when growth was negative 22.5% following a large increase in Quarter 2 2000 of 25.7%.

Transport equipment, and other buildings and structures and transfer costs made positive contributions of 1.2 and 0.7 percentage points respectively to GFCF growth (Figure 2). The 30.1% increase in transport equipment, the largest since Quarter 4 2015, is largely reflected in our survey data.

Figure 2: ICT equipment and other machinery and equipment, and intellectual property products made negative contributions to GFCF growth in Quarter 2 2019

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

1. The data in this chart cover Quarter 2 (Apr to June) 2019.

Between Quarter 2 2018 and Quarter 2 2019, the largest contribution to the 0.3% GFCF increase came from other buildings and structures and transfer costs, which contributed 2.4 percentage points. Transport equipment contributed 0.6 percentage points. These increases were offset partially by a fall in ICT equipment and other machinery and equipment, which contributed negative 2.8 percentage points.

7 . What other information can tell users more about GFCF?

Developments in the housing market can be an important indicator of investment and wider activity in the economy. Construction output in Great Britain: July 2019 and new orders April to June 2019 , published 9 September 2019, shows that the decrease in construction work in the three months to June 2019 was mostly because of the all repair and maintenance series.

It should be noted that these estimates have been revised as part of Blue Book 2019 and as such may not be consistent with construction data used in this gross fixed capital formation (GFCF) dataset. Estimates of Construction output in Great Britain will be updated on 10 October 2019.

While there are some differences between estimates for the construction of private housing and the private sector dwellings series for GFCF, these are largely because of conceptual and methodological differences. More information about these can be found in the recent article Conceptual and methodological differences between private housing construction output and gross fixed capital formation private sector dwellings published 31 May 2019.

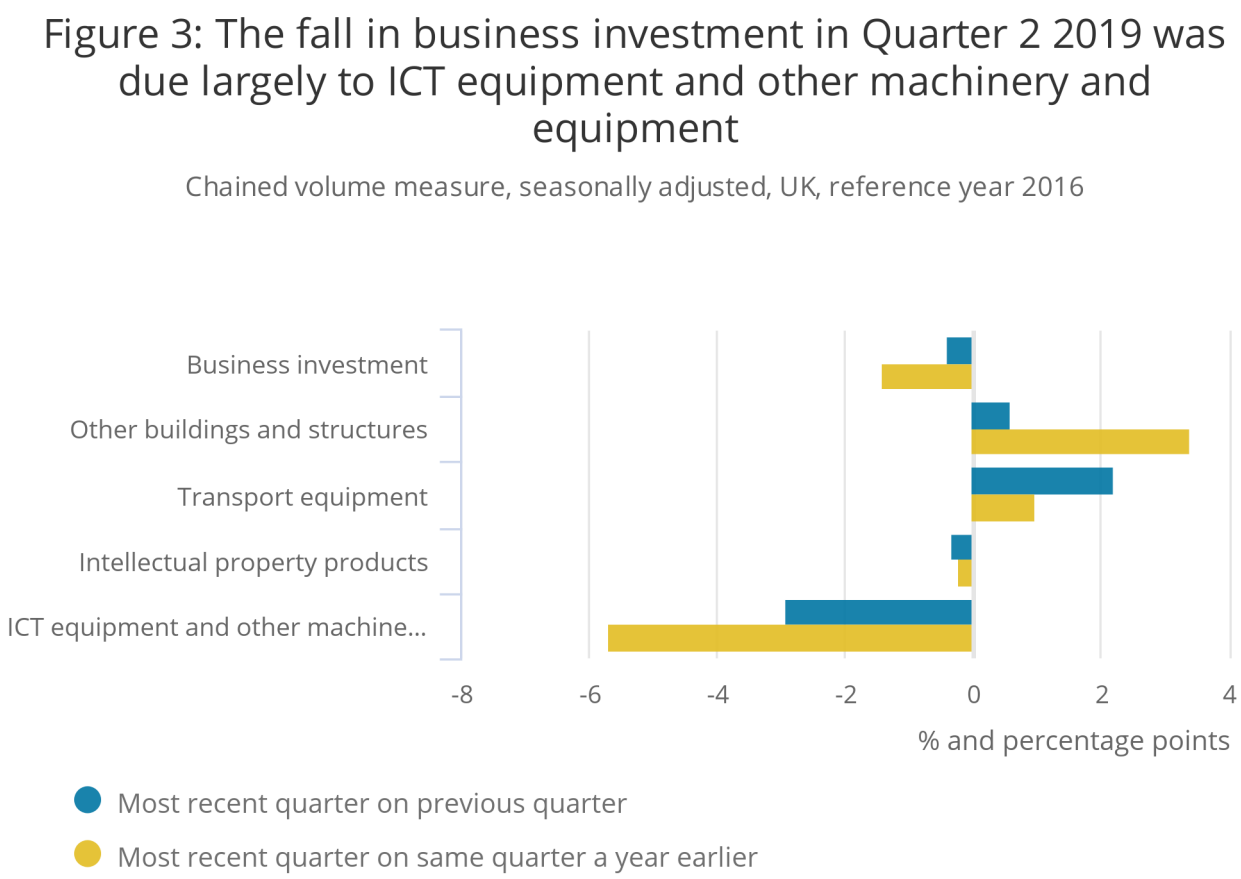
8 . Business investment fell for the fifth time in six quarters in Quarter 2 2019

Business investment fell by 0.4% between Quarter 1 (Jan to Mar) 2019 and Quarter 2 (Apr to June) 2019, following an increase of 0.8% in Quarter 1 2019, which marked the only positive growth since Quarter 4 (Oct to Dec) 2017.

Figure 3 shows that information and communication technology (ICT) equipment and other machinery and equipment contributed most to the decrease between Quarter 1 2019 and Quarter 2 2019, at negative 2.9 percentage points. The last time this asset made a positive contribution to business investment growth was Quarter 2 2017. Intellectual property products (IPP) also contributed to the fall in business investment, at negative 0.3 percentage points. These decreases were offset partially by positive contributions from transport equipment, and other buildings and structures, which contributed 2.2 and 0.6 percentage points respectively.

Figure 3: The fall in business investment in Quarter 2 2019 was due largely to ICT equipment and other machinery and equipment

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

1. The data in this chart cover Quarter 2 (Apr to June Mar) 2019.

Business investment fell by 1.4% in Quarter 2 2019 compared with Quarter 2 2018. This is the fifth consecutive quarter where business investment has fallen compared with the same quarter of the previous year.

ICT equipment and other machinery and equipment made the biggest contribution to the 1.4% fall in business investment between Quarter 2 2018 and Quarter 2 2019, contributing negative 5.7 percentage points, with other machinery in particular contributing most to the decrease in this asset. The last time this asset contributed more negatively to business investment growth was Quarter 4 2009.

Business investment growth in Quarter 2 2019 was constrained by IPP, contributing negative 0.2 percentage points. Other buildings and structures, and transport equipment partially offset these falls, contributing 3.4 and 1.0 percentage points respectively. The last time transport equipment made a positive contribution to business investment compared with the same quarter of the previous year was Quarter 4 2016.

9 . Business investment growth has slowed since 2016

The falls in business investment for Quarter 1 (Jan to Mar) 2018 through to Quarter 4 (Oct to Dec) 2018 followed four consecutive quarter-on-quarter increases in 2017. Figure 4 shows that, following the fall in business investment during the economic downturn of Quarter 1 2008 to Quarter 2 2009, there was a period of strong, albeit volatile growth before 2015. Growth in business investment was more moderate from 2017, before falling in each quarter of 2018.

Figure 4: Business investment growth has slowed gradually since Quarter 1 2017

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

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

2. The data in this chart cover Quarter 1 (Jan to Mar) 1997 to Quarter 2 (Apr to June) 2019.

The large increase in business investment in Quarter 2 (Apr to June) 2005 relates to the fact that in April 2005, nuclear reactors were transferred from British Nuclear Fuels Ltd (BNFL) to the Nuclear Decommissioning Authority (NDA). BNFL is classified as a public corporation in national accounts and the NDA as a central government body. More information about this can be found in Section 6 of the background notes in the Business investment in the UK: October to December 2016 revised results statistical bulletin.

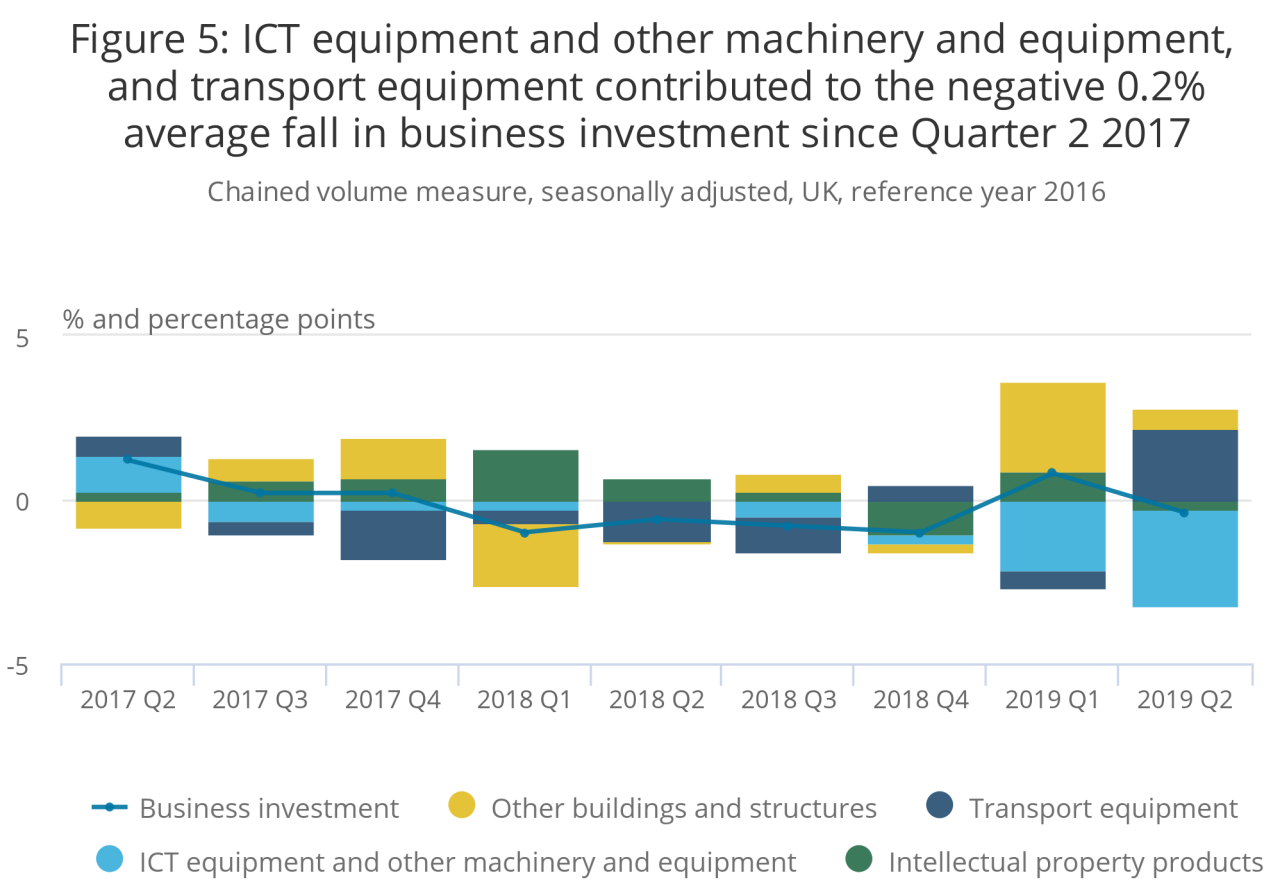
Business investment is now 0.4% above the level seen in Quarter 2 2016, the quarter in which the EU referendum took place, and has decreased by 1.1% since Quarter 3 (July to Sept) 2016, the quarter following the EU referendum. Information and communication technology (ICT) equipment and other machinery and equipment, and transport equipment were the assets that contributed negatively to growth over these periods.

Figure 5 shows contributions to quarter-on-quarter business investment growth since Quarter 2 2017. While there is no single asset driving the slowdown in business investment over the past two years, ICT equipment and other machinery and equipment made the largest negative contributions to business investment growth in this period.

In the first half of 2019, ICT equipment and other machinery and equipment contributed an average of negative 2.5 percentage points per quarter to business investment growth, compared with negative 0.3 percentage points per quarter in 2018. Since Quarter 2 2017, business investment growth has averaged negative 0.2% per quarter and this asset made an average contribution of negative 0.7 percentage points.

Figure 5: ICT equipment and other machinery and equipment, and transport equipment contributed to the negative 0.2% average fall in business investment since Quarter 2 2017

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

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

2. The data in this chart covers Quarter 2 (Apr to June) 2017 to Quarter 2 (Apr to June) 2019.

Transport equipment was the other main contributor to the overall slowdown over this period, contributing an average of negative 0.2 percentage points, with recent falls in this asset largely because of decreased aircraft investment. The recent weakness in transport investment continued into Quarter 1 2019 before the large positive contribution to growth in Quarter 2 2019. Further analysis can be found in the article Business investment in the UK: analysis by asset, published 29 March 2019.

10 . Business investment and GFCF in the wider economy

The Bank of England, in its Agents' summary of business conditions for Quarter 2 (Apr to June) 2019 , stated that "investment intentions weakened, as Brexit-related uncertainty weighed on sentiment, particularly among exporters", with the Agents' score for investment intentions remaining at a nine-year low in June 2019.

In its' August Inflation Report, the Bank of England notes that there is currently limited spare capacity in the economy, with accommodative credit conditions, which would be expected to support spending.

In the same Inflation Report, the Bank of England highlights that weaker global growth has led to slower business investment growth across the G7 economies, however, "this is unlikely to fully explain the marked weakness in UK investment". Housing investment also remains subdued, with the Bank of England citing increased uncertainty about the outlook for the housing market.

11 . Revisions to GFCF and business investment

Each year in the Blue Book-consistent publications of business investment, we incorporate methodological and data improvements that will impact on the business investment and gross fixed capital formation (GFCF) datasets (data are also subject to change as part of the annual supply and use, and gross domestic product (GDP) balancing processes). Revisions are therefore taken on, where applicable, back to the beginning of each dataset in line with National Accounts Revisions Policy.

Revisions for Blue Book 2019 are mainly because of:

- current price improvements to data sources
- regular current price data source updates
- chained volume measure (CVM) methodological improvements

Revisions for 1997 to 2016

Detailed explanations of these data and methodological improvements together with the resulting revisions for 1997 through to 2016 can be found in the article Impact of Blue Book 2019 changes on gross fixed capital formation and business investment, published 20 August 2019.

GFCF has been revised on average by 0.0 percentage points between 1997 and 2016, with revisions ranging between negative 4.3 percentage points and positive 4.6 percentage points. The average revision to business investment over this period was also 0.0 percentage points, with revisions ranging between negative 5.0 percentage points and positive 4.6 percentage points.

Revisions by sector and asset for GFCF can be found in the revisions section of the GFCF by sector and asset datasets accompanying this release.

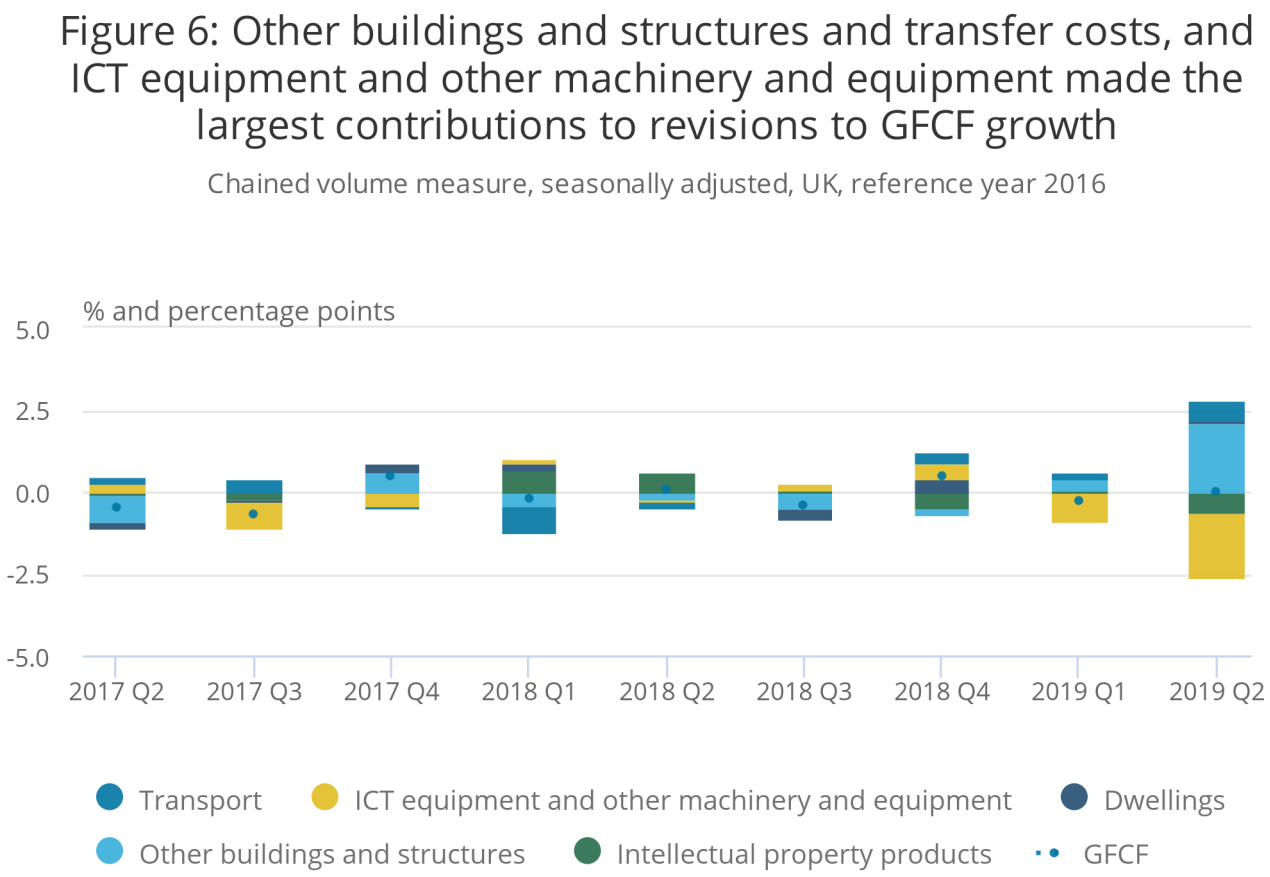
Revisions for Quarter 1 2017 to Quarter 2 2019

GFCF has been revised on average by negative 0.2 percentage points between Quarter 1 2017 and Quarter 2 2019, with revisions ranging between negative 1.0 and positive 0.5 percentage points (Figure 6). Over the same period business investment has been revised on average by 0.1 percentage points, with revisions ranging between negative 0.7 percentage points and positive 2.5 percentage points.

On average, intellectual property products (IPP) was the largest positive contributor to revisions in this period, while information and communication technology (ICT) equipment and other machinery and equipment was the largest negative contributor.

Figure 6: Other buildings and structures and transfer costs, and ICT equipment and other machinery and equipment made the largest contributions to revisions to GFCF growth

Chained volume measure, seasonally adjusted, UK, reference year 2016



Source: Office for National Statistics – Business investment

Notes:

1. The data in this chart cover Quarter 2 (Apr to June) 2017 to Quarter 2 2019.

These assets have been impacted by a number of Blue Book 2019 improvements, the first being that the improved GFCF product allocation introduced as part of the GFCF estimation system improvements implemented in February 2017 is now used in the supply and use balancing process for the first time, enabling GFCF to be balanced in volume terms. This permits thorough reconciliation of GFCF with other transactions in the economy and provides consistency between price types and the Classification of Products by Activity (CPA). It also ensures that price indices implicit in the industry by asset and by sector data are specific to the types of capital good used by the institutional units engaged in that activity.

Data from the Annual Business Survey (ABS) are used each year to create annual benchmarks for investment by many industries. Benchmarks previously used for 2015 and 2016 have been revised in line with usual practice, while data for 2017 have been used for the first time replacing the previously forecast data. This has led to an upward revision to the level of GFCF in 2017. As 2018 data are not yet available, benchmarks are forecasted for 2018 and subsequent years. These benchmark changes have impacted other buildings and structures and transfer costs, and ICT equipment and other machinery and equipment also.

Additionally, improvements to the conversion of capital expenditure and ABS data from Standard Industrial Classification (SIC) 2003 to a SIC 2007 basis using information from historical supply and use tables has affected these assets particularly.

Converting data collected by our business surveys before 2008 was necessary because in Blue Book 2011, we began to present the UK National Accounts on Standard Industrial Classification (SIC) 2007 instead of the previous SIC 2003 basis. To present our accounts on a consistent basis, we needed to apportion data on the old basis to the new basis.

Table 2 shows a summary of the revisions to GFCF and business investment between Quarter 1 2017 and Quarter 2 2019.

Table 2: Current and previously published quarter-on-quarter growth of gross fixed capital formation and business investment
Chained volume measure, seasonally adjusted

	Growth (%)			
	GFCF		Business investment	
	Current	Previously published	Current	Previously published
2017 Q1	0.0	1.0	2.3	-0.2
2017 Q2	1.4	1.9	1.2	1.3
2017 Q3	-0.4	0.3	0.2	0.9
2017 Q4	1.1	0.7	0.2	0.4
2018 Q1	-0.9	-0.8	-1.0	-0.6
2018 Q2	-0.4	-0.6	-0.6	-0.4
2018 Q3	0.5	0.9	-0.8	-0.6
2018 Q4	-0.1	-0.6	-1.0	-0.9
2019 Q1	0.9	1.2	0.8	0.4
2019 Q2	-0.9	-1.0	-0.4	-0.5

Source: Office for National Statistics

Quarter 1 2017

The downward revision to GFCF growth was primarily because of negative revisions to other buildings and structures, and slightly offset by ICT equipment and other machinery and equipment. Both assets have been impacted by the new ABS data, the new product allocation and improvements to the SIC conversion.

Some of the difference between the revision to GFCF and business investment can be explained by the inclusion of transfer costs within GFCF but not business investment, transfer costs having been particularly affected by the supply and use balancing process.

Quarter 2 2017

The downward revisions to GFCF and business investment growth in Quarter 2 2017 were primarily because of other buildings and structures and transfer costs. This was slightly offset by upward revisions to growth from ICT equipment and other machinery and equipment, and transport equipment. These assets were affected by the improved product allocation, new ABS data and the improved SIC conversion.

Quarter 3 2017

The downward revisions to GFCF and business investment growth in Quarter 3 2017 were because of revisions to ICT equipment and other machinery and equipment but were partially offset by positive revisions to transport equipment. Both assets were affected by the improved product allocation, new ABS data and the improved SIC conversion.

Quarter 4 2017

The upward revision to GFCF growth in Quarter 4 2017 was because of upward revisions to dwellings, and other buildings and structures and transfer costs. Business investment was revised downwards because of ICT equipment and other machinery and equipment. Dwellings was affected by updated construction output data, while other buildings and structures and transfer costs, and ICT equipment and other machinery and equipment were affected by the improved product allocation, new ABS data and the improved SIC conversion.

Quarter 1 2018

Downward revisions for GFCF and business investment in Quarter 1 2018 were largely because of transport equipment, and other buildings and structures and transfer costs. Both assets were affected by the improved product allocation, new ABS data for 2017 and the improved SIC conversion.

Quarter 2 2018

The upward revision to GFCF growth was largely because of positive revisions to intellectual property products, primarily as a result of improved estimates of software and databases, and research and development.

Business investment has been revised downwards. The different directions of GFCF and business investment revisions are because of government investment in buildings being revised upwards, while business investment in buildings was revised downwards because of the improved product allocation and the improved SIC conversion.

Quarter 3 2018

GFCF growth was revised downwards because of dwellings, and other buildings and structures and transfer costs. Dwellings was revised because of updated construction output data, while other buildings and structures and transfer costs was affected by the improved product allocation and the improved SIC conversion. Other buildings and structures was the reason for the downward revision to business investment.

Quarter 4 2018

Dwellings, transport equipment, and ICT equipment and other machinery and equipment were the main reasons behind upward revision to GFCF growth. Dwellings revisions were because of updated construction output data, while transport equipment, and ICT equipment and other machinery and equipment were affected by the improved product allocation and the improved SIC conversion. Business investment was revised downwards because of other buildings and structures, and IPP.

Quarter 1 2019

The downward revisions to GFCF and business investment growth, in particular ICT equipment and other machinery and equipment were because of later data from the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS), the improved product allocation and the improved SIC conversion.

Quarter 2 2019

The upward revisions to GFCF and business investment growth were because of later survey data, which impacted other buildings and structures and transfer costs, and transport equipment. These were partially offset by a negative revision to ICT equipment and other machinery and equipment, which was impacted by the improved product allocation and the improved SIC conversion.

12 . International comparisons of GFCF

In Quarter 2 (Apr to June) 2019, of the G7 nations, only Canada had more negative quarter-on-quarter growth in gross fixed capital formation (GFCF) than the UK, as GFCF fell by 1.7%. GFCF in Germany fell by 0.1%, the only other G7 country that saw a reduction in GFCF in Quarter 2 2019.

Figure 7 shows UK GFCF compared with a range of other G7 countries since Quarter 1 (Jan to Mar) 2016. Over that period, GFCF in the UK has increased by 2.8% compared with the G7 average of 7.6%. Only Canada has seen less GFCF growth in this period, where GFCF increased by 0.4%. Italy and France have seen the largest increases in GFCF growth in this period, with growth of 12.8% and 11.1% respectively.

UK GFCF growth since the end of 2016 has been broadly flatter than the rest of the G7 after stronger growth in Quarter 2 and Quarter 3 2016. GFCF growth in the G7 countries has slowed since the start of 2018.

Figure 7: GFCF growth in the UK has been weaker than the G7 average since Quarter 1 2016

Indexed, Quarter 1 2016 = 100, chained volume measure, seasonally adjusted, UK

Notes:

1. The data in this chart cover Quarter 1 (Jan to Mar) 2016 to Quarter 2 2019.

For more comprehensive comparisons of GFCF, please refer to An international comparison of gross fixed capital formation, published November 2017 and An analysis of investment expenditure in the UK and other Organisation for Economic Co-operation and Development nations, published May 2018.

The estimates quoted in this international comparison section are the latest available estimates at the time of preparation of this statistical bulletin and may have subsequently been revised.

13 . Related links

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
Bulletin | Quarterly
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
Bulletin | Quarterly
Includes UK data on GFCF and changes in inventories.

UK Economic Accounts
Dataset | Quarterly
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
Compendium | Released 31 July 2018
Annual publication of the UK National Accounts, including data on GFCF. The 2019 edition is to be published on 31 October.

14 . 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. We last updated the Business investment QMI on 30 January 2018.

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 upward 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. At the provisional estimate of business investment for Quarter 2 (Jan to Mar) 2019, the bias adjustment was positive £933 million. This has been removed in this revised release.

Survey response rates

Table 2 presents the provisional, revised and final response rates for the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) for the latest quarters. Estimates in this release are based on the Quarter 1 (Jan to Mar) 2019 revised survey results.

Table 3: UK response rates for quarterly acquisitions and disposals of capital assets survey
Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2019

		Provisional	Revised	Final
Period		**Survey response rates/%**	**Survey response rates/%**	**Survey response rates/%**
2016	Q1	69.2	85.1	89.4
	Q2	71.4	85.6	89.1
	Q3	72.8	83.5	83.5
	Q4	68.5	85.9	90.1
2017	Q1	68.2	82.2	82.8
	Q2	70.8	84.8	89.6
	Q3	69.7	84.7	88.1
	Q4	69.6	83.6	83.6
2018	Q1	68.1	83.3	89.3
	Q2	56.1	84.3	90.1
	Q3	60.4	84.2	89.7
	Q4	63	81.2	89.5
2019	Q1	65.7	81.7	89.0
	Q2	68.6	82.5	

Source: Office for National Statistics

GROSS FIXED CAPITAL FORMATION TABLES BY SECTOR AND TYPE OF ASSET

Chained volume measures levels seasonally adjusted G1

Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter G2

Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year G3

Chained volume measures levels seasonally adjusted annual G4

Chained volume measures levels not seasonally adjusted G5

Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter G6

Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year G7

Chained volume measures levels not seasonally adjusted annual G8

Current price levels seasonally adjusted G9

Current price levels seasonally adjusted percentage change latest quarter on previous quarter G10

Current price levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year G11

Current price levels seasonally adjusted annual G12

Current price levels not seasonally adjusted G13

Current price levels not seasonally adjusted percentage change latest quarter on previous quarter G14

Current price levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year G15

Current price levels not seasonally adjusted annual G16

Chained volume measures levels seasonally adjusted (Revisions) G1R

Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter (Revisions) G2R

Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions) G3R

Chained volume measures levels seasonally adjusted annual (Revisions) G4R

Chained volume measures levels not seasonally adjusted (Revisions) G5R

Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter (Revisions) G6R

Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions) G7R

Chained volume measures levels not seasonally adjusted annual (Revisions) G8R

Current price levels seasonally adjusted (Revisions) G9R

Current price levels seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G10R
Current price levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G11R
Current price levels seasonally adjusted annual (Revisions)	G12R
Current price levels not seasonally adjusted (Revisions)	G13R
Current price levels not seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G14R
Current price levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G15R
Current price levels not seasonally adjusted annual (Revisions)	G16R

G1 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (reference year = 2016)

	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	31 260	5 988	1 274	159	15 648	2 483	55 517	3 076	8 284	16 780	19 652	9 695	55 517
1997 Q2	33 293	5 551	851	196	15 580	3 127	57 934	3 022	8 786	16 245	21 594	9 981	57 934
1997 Q3	34 867	6 266	750	144	15 933	2 561	59 992	3 211	9 462	16 480	21 751	10 374	59 992
1997 Q4	35 578	6 075	762	130	17 153	2 947	61 781	3 082	9 700	17 692	22 314	10 682	61 781
1998 Q1	36 721	6 411	844	115	15 591	2 474	62 136	3 822	9 315	16 247	22 904	10 932	62 136
1998 Q2	36 983	6 574	881	123	15 919	2 874	63 216	3 415	10 060	16 612	22 862	11 129	63 216
1998 Q3	37 281	6 351	928	147	15 459	3 123	63 465	3 337	9 744	16 211	23 795	11 350	63 465
1998 Q4	38 078	6 756	859	112	15 792	2 718	64 450	3 721	10 247	16 462	23 141	11 462	64 450
1999 Q1	37 589	6 900	755	168	15 547	3 269	64 444	3 796	10 391	16 107	23 321	11 096	64 444
1999 Q2	36 916	6 684	941	132	16 323	2 988	63 676	3 421	10 149	17 097	23 296	10 940	63 676
1999 Q3	38 385	6 560	613	187	16 764	3 556	65 920	3 597	10 798	17 176	24 248	11 124	65 920
1999 Q4	37 244	6 568	832	194	16 465	3 870	64 915	3 719	9 936	17 118	24 311	11 188	64 915
2000 Q1	38 784	6 569	566	155	17 267	4 134	67 282	3 240	11 007	17 620	24 866	11 767	67 282
2000 Q2	41 381	6 816	710	184	17 155	4 199	70 660	3 347	13 837	17 677	23 531	12 055	70 660
2000 Q3	38 105	6 103	739	123	16 772	2 586	64 661	3 013	10 720	17 327	21 686	11 976	64 661
2000 Q4	39 475	6 945	774	144	16 588	3 667	67 644	3 792	11 410	17 184	23 716	12 077	67 644
2001 Q1	39 962	6 157	1 004	244	16 571	3 774	67 895	3 339	11 753	17 429	23 997	11 846	67 895
2001 Q2	40 762	7 395	1 144	237	16 437	3 969	70 147	4 577	11 225	17 446	25 484	11 959	70 147
2001 Q3	39 545	8 144	1 160	264	17 167	4 055	70 145	4 326	11 574	18 193	24 603	11 907	70 145
2001 Q4	37 981	8 681	1 185	255	16 965	3 686	68 353	3 702	12 236	18 010	22 542	11 953	68 353
2002 Q1	37 969	7 690	1 394	286	17 741	3 842	68 255	3 868	11 860	18 994	22 294	11 737	68 255
2002 Q2	38 869	6 179	1 064	291	18 734	4 001	68 774	4 504	11 397	19 629	21 525	11 746	68 774
2002 Q3	39 075	9 308	1 100	306	19 097	4 409	72 370	4 322	12 726	20 016	23 657	12 267	72 370
2002 Q4	41 227	9 656	1 542	554	20 454	4 536	76 836	4 458	13 293	21 810	25 814	12 477	76 836
2003 Q1	41 376	9 916	1 944	517	18 545	3 996	75 785	4 198	12 823	20 373	26 004	12 824	75 785
2003 Q2	39 283	8 052	1 261	408	19 377	4 094	71 721	3 673	11 811	20 584	22 974	13 172	71 721
2003 Q3	38 475	9 580	1 356	399	19 792	4 200	72 777	4 140	12 105	20 969	22 700	13 202	72 777
2003 Q4	38 321	9 105	1 303	407	20 596	4 420	72 877	4 009	11 262	21 713	23 885	13 019	72 877
2004 Q1	38 982	9 666	1 219	434	20 949	5 189	75 131	3 798	12 062	21 994	25 684	12 953	75 131
2004 Q2	36 727	10 854	1 281	584	20 616	5 186	73 795	4 000	12 241	21 719	23 639	13 264	73 795
2004 Q3	37 003	11 135	1 213	487	21 232	4 705	74 199	3 770	11 863	22 234	23 977	13 564	74 199
2004 Q4	37 207	11 222	1 231	452	21 244	4 275	74 042	3 698	12 032	22 270	23 702	13 590	74 042
2005 Q1	37 450	13 717	1 162	278	20 870	4 243	76 177	3 650	13 055	21 837	24 594	14 089	76 177
2005 Q2	60 200	- 10 951	1 237	364	21 169	4 608	77 906	3 680	13 391	22 171	24 694	14 284	77 906
2005 Q3	40 057	11 912	1 292	440	20 805	5 103	78 427	3 850	13 186	21 872	26 174	14 279	78 427
2005 Q4	40 584	11 466	1 294	457	20 393	5 917	79 162	4 075	13 420	21 469	26 510	14 467	79 162
2006 Q1	40 974	11 037	1 506	514	20 412	6 402	80 009	4 534	13 713	21 713	26 663	14 105	80 009
2006 Q2	41 567	11 145	1 175	393	20 135	5 748	79 346	4 124	13 891	21 078	26 878	14 024	79 346
2006 Q3	43 576	11 335	1 302	423	19 587	5 787	81 357	4 797	14 273	20 684	27 771	14 315	81 357
2006 Q4	43 679	11 283	1 230	414	19 625	6 174	81 829	4 937	14 150	20 642	28 098	14 459	81 829
2007 Q1	44 389	10 300	1 280	429	20 243	6 110	82 108	4 661	14 708	21 295	27 324	14 614	82 108
2007 Q2	46 502	11 171	1 155	372	20 008	5 900	84 577	4 832	14 575	20 932	29 720	14 707	84 577
2007 Q3	43 478	10 990	1 129	374	19 163	6 574	81 157	4 232	15 130	20 073	27 519	14 560	81 157
2007 Q4	47 241	12 988	1 128	321	19 242	6 211	86 734	4 042	15 687	20 155	31 926	15 109	86 734
2008 Q1	42 756	12 970	1 195	319	18 698	6 039	81 451	3 535	14 481	19 696	28 961	15 202	81 451
2008 Q2	44 493	12 977	1 153	300	17 951	6 262	82 729	3 953	15 264	18 916	29 665	15 315	82 729
2008 Q3	42 355	13 564	2 477	203	14 636	4 339	77 270	3 632	14 440	17 113	26 980	15 400	77 270
2008 Q4	41 545	14 301	2 457	148	14 050	3 350	75 507	3 929	13 436	16 516	26 253	15 512	75 507
2009 Q1	37 467	14 661	2 430	121	12 785	3 666	70 888	3 305	12 285	15 241	24 968	15 227	70 888
2009 Q2	36 307	13 720	2 379	149	11 898	4 227	68 568	4 065	10 883	14 381	23 988	15 169	68 568
2009 Q3	35 436	15 348	2 406	178	11 897	4 610	69 772	3 876	11 158	14 312	25 028	15 335	69 772
2009 Q4	35 195	14 990	2 445	191	10 956	4 640	68 381	3 548	10 655	13 461	25 260	15 346	68 381
2010 Q1	36 477	15 612	2 424	157	11 623	3 876	70 069	4 041	10 619	14 087	25 184	16 053	70 069
2010 Q2	35 875	14 642	2 409	175	12 752	4 665	70 348	3 612	11 329	15 196	23 737	16 415	70 348
2010 Q3	37 167	14 910	2 388	180	13 277	5 125	72 850	4 318	11 411	15 691	24 972	16 420	72 850
2010 Q4	39 318	14 723	2 341	165	13 209	4 583	74 212	6 115	11 623	15 570	24 038	16 581	74 212
2011 Q1	35 783	15 420	2 361	150	12 947	4 583	70 987	2 576	11 534	15 338	25 445	16 335	70 987
2011 Q2	36 608	13 605	2 293	129	13 103	4 371	69 959	2 535	11 861	15 418	24 196	16 102	69 959
2011 Q3	37 760	13 784	2 176	123	13 042	4 176	70 947	2 383	12 170	15 233	24 572	16 732	70 947
2011 Q4	39 190	13 232	2 132	125	13 385	4 505	72 512	3 094	12 575	15 509	24 741	16 637	72 512
2012 Q1	39 813	13 680	2 096	118	13 311	4 631	73 615	3 722	12 756	15 386	24 994	16 660	73 615
2012 Q2	38 377	13 683	2 066	117	12 696	4 581	71 412	2 065	12 336	14 847	25 617	16 760	71 412
2012 Q3	38 961	12 129	2 002	118	12 668	4 517	70 351	2 054	12 087	14 729	24 953	16 733	70 351
2012 Q4	42 322	12 353	1 965	115	13 036	4 764	74 630	3 198	12 919	15 040	26 313	17 216	74 630
2013 Q1	39 954	11 601	1 905	134	13 051	5 008	71 689	2 260	12 722	14 957	24 668	17 188	71 689
2013 Q2	41 024	12 447	1 898	121	14 185	5 124	74 761	2 462	12 328	16 078	26 861	17 264	74 761
2013 Q3	41 895	12 759	1 877	138	14 364	5 545	76 581	3 193	12 838	16 235	27 338	17 125	76 581
2013 Q4	41 820	13 051	1 861	149	14 293	5 866	77 022	3 288	12 859	16 148	27 736	17 130	77 022
2014 Q1	42 475	14 801	1 916	166	14 544	5 684	79 530	3 479	13 287	16 455	28 745	17 704	79 530
2014 Q2	44 035	12 552	2 166	161	14 131	6 321	79 408	4 236	13 887	16 299	27 574	17 431	79 408
2014 Q3	43 893	13 054	2 260	174	14 502	6 252	80 124	4 505	13 832	16 764	27 591	17 443	80 124
2014 Q4	44 855	13 212	2 302	170	14 131	6 090	80 773	4 625	13 533	16 437	28 094	18 076	80 773
2015 Q1	46 651	14 027	2 271	188	14 120	5 631	82 898	6 286	13 221	16 394	29 484	17 475	82 898
2015 Q2	46 853	12 868	1 930	152	15 102	6 165	83 077	4 528	13 138	17 030	30 128	18 287	83 077
2015 Q3	46 629	12 227	2 034	178	14 839	6 230	82 145	3 956	13 316	16 873	29 938	18 130	82 145
2015 Q4	47 775	12 098	2 025	176	14 959	6 454	83 495	5 367	14 291	16 983	28 859	18 028	83 495
2016 Q1	48 473	12 235	2 055	157	15 105	6 875	84 898	6 185	14 219	17 188	29 001	18 314	84 898
2016 Q2	48 954	13 258	2 097	221	15 058	6 088	85 673	5 930	14 264	17 164	29 918	18 409	85 673
2016 Q3	49 745	13 617	2 048	169	15 227	6 012	86 818	6 961	14 097	17 284	30 010	18 443	86 818
2016 Q4	48 801	13 308	2 162	179	15 513	6 337	86 301	5 547	13 522	17 682	31 088	18 463	86 301
2017 Q1	49 910	13 264	2 150	169	16 110	4 733	86 336	5 650	15 365	18 260	29 021	18 040	86 336
2017 Q2	50 490	13 949	2 217	218	16 025	4 652	87 551	5 950	16 483	18 242	28 579	18 297	87 551
2017 Q3	50 603	13 517	2 140	193	16 205	4 560	87 218	5 732	15 723	18 345	28 922	18 496	87 218
2017 Q4	50 705	13 703	1 743	188	17 379	4 483	88 201	5 000	15 718	19 122	29 434	18 927	88 201
2018 Q1	50 188	13 382	1 145	171	17 982	4 496	87 364	4 816	15 312	19 125	28 610	19 501	87 364
2018 Q2	49 882	13 400	1 128	201	18 053	4 320	86 984	4 194	15 180	19 181	28 484	19 945	86 984
2018 Q3	49 463	14 235	1 038	185	18 028	4 447	87 396	3 661	15 524	19 067	29 013	20 131	87 396
2018 Q4	48 956	14 551	1 059	180	18 125	4 440	87 311	3 903	15 569	19 186	28 963	19 690	87 311
2019 Q1	49 362	14 747	1 041	170	18 323	4 430	88 073	3 624	14 983	19 364	29 965	20 137	88 073
2019 Q2	49 174	14 220	1 057	188	18 247	4 352	87 238	4 716	12 730	19 306	30 615	19 871	87 238

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

£ million (reference year = 2016)

	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	6.5	-7.3	-33.2	23.3	-0.4	25.9	4.4	-1.8	6.1	-3.2	9.9	2.9	4.4
1997 Q3	4.7	12.9	-11.9	-26.5	2.3	-18.1	3.6	6.3	7.7	1.4	0.7	3.9	3.6
1997 Q4	2.0	-3.0	1.6	-9.7	7.7	15.1	3.0	-4.0	2.5	7.4	2.6	3.0	3.0
1998 Q1	3.2	5.5	10.8	-11.5	-9.1	-16.1	0.6	24.0	-4.0	-8.2	2.6	2.3	0.6
1998 Q2	0.7	2.5	4.4	7.0	2.1	16.2	1.7	-10.6	8.0	2.2	-0.2	1.8	1.7
1998 Q3	0.8	-3.4	5.3	19.5	-2.9	8.7	0.4	-2.3	-3.1	-2.4	4.1	2.0	0.4
1998 Q4	2.1	6.4	-7.4	-23.8	2.2	-13.0	1.6	11.5	5.2	1.5	-2.7	1.0	1.6
1999 Q1	-1.3	2.1	-12.1	50.0	-1.6	20.3	0.0	2.0	1.4	-2.2	0.8	-3.2	0.0
1999 Q2	-1.8	-3.1	24.6	-21.4	5.0	-8.6	-1.2	-9.9	-2.3	6.1	-0.1	-1.4	-1.2
1999 Q3	4.0	-1.9	-34.9	41.7	2.7	19.0	3.5	5.1	6.4	0.5	4.1	1.7	3.5
1999 Q4	-3.0	0.1	35.7	3.7	-1.8	8.8	-1.5	3.4	-8.0	-0.3	0.3	0.6	-1.5
2000 Q1	4.1	0.0	-32.0	-20.1	4.9	6.8	3.6	-12.9	10.8	2.9	2.3	5.2	3.6
2000 Q2	6.7	3.8	25.4	18.7	-0.6	1.6	5.0	3.3	25.7	0.3	-5.4	2.4	5.0
2000 Q3	-7.9	-10.5	4.1	-33.2	-2.2	-38.4	-8.5	-10.0	-22.5	-2.0	-7.8	-0.7	-8.5
2000 Q4	3.6	13.8	4.7	17.1	-1.1	41.8	4.6	25.9	6.4	-0.8	9.4	0.8	4.6
2001 Q1	1.2	-11.3	29.7	69.4	-0.1	2.9	0.4	-11.9	3.0	1.4	1.2	-1.9	0.4
2001 Q2	2.0	20.1	13.9	-2.9	-0.8	5.2	3.3	37.1	-4.5	0.1	6.2	1.0	3.3
2001 Q3	-3.0	10.1	1.4	11.4	4.4	2.2	0.0	-5.5	3.1	4.3	-3.5	-0.4	0.0
2001 Q4	-4.0	6.6	2.2	-3.4	-1.2	-9.1	-2.6	-14.4	5.7	-1.0	-8.4	0.4	-2.6
2002 Q1	0.0	-11.4	17.6	12.2	4.6	4.2	-0.1	4.5	-3.1	5.5	-1.1	-1.8	-0.1
2002 Q2	2.4	-19.6	-23.7	1.7	5.6	4.1	0.8	16.4	-3.9	3.3	-3.4	0.1	0.8
2002 Q3	0.5	50.6	3.4	5.2	1.9	10.2	5.2	-4.0	11.7	2.0	9.9	4.4	5.2
2002 Q4	5.5	3.7	40.2	81.0	7.1	2.9	6.2	3.1	4.5	9.0	9.1	1.7	6.2
2003 Q1	0.4	2.7	26.1	-6.7	-9.3	-11.9	-1.4	-5.8	-3.5	-6.6	0.7	2.8	-1.4
2003 Q2	-5.1	-18.8	-35.1	-21.1	4.5	2.5	-5.4	-12.5	-7.9	1.0	-11.7	2.7	-5.4
2003 Q3	-2.1	19.0	7.5	-2.2	2.1	2.6	1.5	12.7	2.5	1.9	-1.2	0.2	1.5
2003 Q4	-0.4	-5.0	-3.9	2.0	4.1	5.2	0.1	-3.2	-7.0	3.5	5.2	-1.4	0.1
2004 Q1	1.7	6.2	-6.4	6.6	1.7	17.4	3.1	-5.3	7.1	1.3	7.5	-0.5	3.1
2004 Q2	-5.8	12.3	5.1	34.6	-1.6	-0.1	-1.8	5.3	1.5	-1.3	-8.0	2.4	-1.8
2004 Q3	0.8	2.6	-5.3	-16.6	3.0	-9.3	0.5	-5.8	-3.1	2.4	1.4	2.3	0.5
2004 Q4	0.6	0.8	1.5	-7.2	0.1	-9.1	-0.2	-1.9	1.4	0.2	-1.1	0.2	-0.2
2005 Q1	0.7	22.2	-5.6	-38.5	-1.8	-0.7	2.9	-1.3	8.5	-1.9	3.8	3.7	2.9
2005 Q2	60.7	-179.8	6.5	30.9	1.4	8.6	2.3	0.8	2.6	1.5	0.4	1.4	2.3
2005 Q3	-33.5	-208.8	4.4	20.9	-1.7	10.7	0.7	4.6	-1.5	-1.3	6.0	0.0	0.7
2005 Q4	1.3	-3.7	0.2	3.9	-2.0	16.0	0.9	5.8	1.8	-1.8	1.3	1.3	0.9
2006 Q1	1.0	-3.7	16.4	12.5	0.1	8.2	1.1	11.3	2.2	1.1	0.6	-2.5	1.1
2006 Q2	1.4	1.0	-22.0	-23.5	-1.4	-10.2	-0.8	-9.0	1.3	-2.9	0.8	-0.6	-0.8
2006 Q3	4.8	1.7	10.8	7.6	-2.7	0.7	2.5	16.3	2.7	-1.9	3.3	2.1	2.5
2006 Q4	0.2	-0.5	-5.5	-2.1	0.2	6.7	0.6	2.9	-0.9	-0.2	1.2	1.0	0.6
2007 Q1	1.6	-8.7	4.1	3.6	3.1	-1.0	0.3	-5.6	3.9	3.2	-2.8	1.1	0.3
2007 Q2	4.8	8.5	-9.8	-13.3	-1.2	-3.4	3.0	3.7	-0.9	-1.7	8.8	0.6	3.0
2007 Q3	-6.5	-1.6	-2.3	0.5	-4.2	11.4	-4.0	-12.4	3.8	-4.1	-7.4	-1.0	-4.0
2007 Q4	8.7	18.2	-0.1	-14.2	0.4	-5.5	6.9	-4.5	3.7	0.4	16.0	3.8	6.9
2008 Q1	-9.5	-0.1	5.9	-0.6	-2.8	-2.8	-6.1	-12.5	-7.7	-2.3	-9.3	0.6	-6.1
2008 Q2	4.1	0.1	-3.5	-6.0	-4.0	3.7	1.6	11.8	5.4	-4.0	2.4	0.7	1.6
2008 Q3	-4.8	4.5	114.8	-32.3	-18.5	-30.7	-6.6	-8.1	-5.4	-9.5	-9.1	0.6	-6.6
2008 Q4	-1.9	5.4	-0.8	-27.1	-4.0	-22.8	-2.3	8.2	-7.0	-3.5	-2.7	0.7	-2.3
2009 Q1	-9.8	2.5	-1.1	-18.2	-9.0	9.4	-6.1	-15.9	-8.6	-7.7	-4.9	-1.8	-6.1
2009 Q2	-3.1	-6.4	-2.1	23.1	-6.9	15.3	-3.3	23.0	-11.4	-5.6	-3.9	-0.4	-3.3
2009 Q3	-2.4	11.9	1.1	19.5	0.0	9.1	1.8	-4.6	2.5	-0.5	4.3	1.1	1.8
2009 Q4	-0.7	-2.3	1.6	7.3	-7.9	0.7	-2.0	-8.5	-4.5	-5.9	0.9	0.1	-2.0
2010 Q1	3.6	4.1	-0.9	-17.8	6.1	-16.5	2.5	13.9	-0.3	4.7	-0.3	4.6	2.5
2010 Q2	-1.7	-6.2	-0.6	11.5	9.7	20.4	0.4	-10.6	6.7	7.9	-5.7	2.3	0.4
2010 Q3	3.6	1.8	-0.9	2.9	4.1	9.9	3.6	19.5	0.7	3.3	5.2	0.0	3.6
2010 Q4	5.8	-1.3	-2.0	-8.3	-0.5	-10.6	1.9	41.6	1.9	-0.8	-3.7	1.0	1.9
2011 Q1	-9.0	4.7	0.9	-9.1	-2.0	0.0	-4.3	-57.9	-0.8	-1.5	5.9	-1.5	-4.3
2011 Q2	2.3	-11.8	-2.9	-14.0	1.2	-4.6	-1.4	-1.6	2.8	0.5	-4.9	-1.4	-1.4
2011 Q3	3.1	1.3	-5.1	-4.7	-0.5	-4.5	1.4	-6.0	2.6	-1.2	1.6	3.9	1.4
2011 Q4	3.8	-4.0	-2.0	1.6	2.6	7.9	2.2	29.8	3.3	1.8	0.7	-0.6	2.2
2012 Q1	1.6	3.4	-1.7	-5.6	-0.6	2.8	1.5	20.3	1.4	-0.8	1.0	0.1	1.5
2012 Q2	-3.6	0.0	-1.4	-0.8	-4.6	-1.1	-3.0	-44.5	-3.3	-3.5	2.5	0.6	-3.0
2012 Q3	1.5	-11.4	-3.1	0.9	-0.2	-1.4	-1.5	-0.5	-2.0	-0.8	-2.6	-0.2	-1.5
2012 Q4	8.6	1.8	-1.8	-2.5	2.9	5.5	6.1	55.7	6.9	2.1	5.5	2.9	6.1
2013 Q1	-5.6	-6.1	-3.1	16.5	0.1	5.1	-3.9	-29.3	-1.5	-0.6	-6.3	-0.2	-3.9
2013 Q2	2.7	7.3	-0.4	-9.7	8.7	2.3	4.3	8.9	-3.1	7.5	8.9	0.4	4.3
2013 Q3	2.1	2.5	-1.1	14.0	1.3	8.2	2.4	29.7	4.1	1.0	1.8	-0.8	2.4
2013 Q4	-0.2	2.3	-0.9	8.0	-0.5	5.8	0.6	3.0	0.2	-0.5	1.5	0.0	0.6
2014 Q1	1.6	13.4	3.0	11.4	1.8	-3.1	3.3	5.8	3.3	1.9	3.6	3.4	3.3
2014 Q2	3.7	-15.2	13.0	-3.0	-2.8	11.2	-0.2	21.8	4.5	-0.9	-4.1	-1.5	-0.2
2014 Q3	-0.3	4.0	4.3	8.1	2.6	-1.1	0.9	6.4	-0.4	2.9	0.1	0.1	0.9
2014 Q4	2.2	1.2	1.9	-2.3	-2.6	-2.6	0.8	2.7	-2.2	-2.0	1.8	3.6	0.8
2015 Q1	4.0	6.2	-1.3	10.6	-0.1	-7.5	2.6	35.9	-2.3	-0.3	4.9	-3.3	2.6
2015 Q2	0.4	-8.3	-15.0	-19.1	7.0	9.5	0.2	-28.0	-0.6	3.9	2.2	4.6	0.2
2015 Q3	-0.5	-5.0	5.4	17.1	-1.7	1.1	-1.1	-12.6	1.4	-0.9	-0.6	-0.9	-1.1
2015 Q4	2.5	-1.1	-0.4	-1.1	0.8	3.6	1.6	35.7	7.3	0.7	-3.6	-0.6	1.6
2016 Q1	1.5	1.1	1.5	-10.8	1.0	6.5	1.7	15.2	-0.5	1.2	0.5	1.6	1.7
2016 Q2	1.0	8.4	2.0	40.8	-0.3	-11.4	0.9	-4.1	0.3	-0.1	3.2	0.5	0.9
2016 Q3	1.6	2.7	-2.3	-23.5	1.1	-1.2	1.3	17.4	-1.2	0.7	0.3	0.2	1.3
2016 Q4	-1.9	-2.3	5.6	5.9	1.9	5.4	-0.6	-20.3	-4.1	2.3	3.6	0.1	-0.6
2017 Q1	2.3	-0.3	-0.6	-5.6	3.8	-25.3	0.0	1.9	13.6	3.3	-6.6	-2.3	0.0
2017 Q2	1.2	5.2	3.1	29.0	-0.5	-1.7	1.4	5.3	7.3	-0.1	-1.5	1.4	1.4
2017 Q3	0.2	-3.1	-3.5	-11.5	1.1	-2.0	-0.4	-3.7	-4.6	0.6	1.2	1.1	-0.4
2017 Q4	0.2	1.4	-18.6	-2.6	7.2	-1.7	1.1	-12.8	0.0	4.2	1.8	2.3	1.1
2018 Q1	-1.0	-2.3	-34.3	-9.0	3.5	0.3	-0.9	-3.7	-2.6	0.0	-2.8	3.0	-0.9
2018 Q2	-0.6	0.1	-1.5	17.5	0.4	-3.9	-0.4	-12.9	-0.9	0.3	-0.4	2.3	-0.4
2018 Q3	-0.8	6.2	-8.0	-8.0	-0.1	2.9	0.5	-12.7	2.3	-0.6	1.9	0.9	0.5
2018 Q4	-1.0	2.2	2.0	-2.7	0.5	-0.2	-0.1	6.6	0.3	0.6	-0.2	-2.2	-0.1
2019 Q1	0.8	1.3	-1.7	-5.6	1.1	-0.2	0.9	-7.1	-3.8	0.9	3.5	2.3	0.9
2019 Q2	-0.4	-3.6	1.5	10.6	-0.4	-1.8	-0.9	30.1	-15.0	-0.3	2.2	-1.3	-0.9

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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

£ million (reference year = 2016)

	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	17.5	7.1	-33.8	-27.7	-0.4	-0.4	11.9	24.3	12.4	-3.2	16.5	12.8	11.9
1998 Q2	11.1	18.4	3.5	-37.2	2.2	-8.1	9.1	13.0	14.5	2.3	5.9	11.5	9.1
1998 Q3	6.9	1.4	23.7	2.1	-3.0	21.9	5.8	3.9	3.0	-1.6	9.4	9.4	5.8
1998 Q4	7.0	11.2	12.7	-13.8	-7.9	-7.8	4.3	20.7	5.6	-7.0	3.7	7.3	4.3
1999 Q1	2.4	7.6	-10.5	46.1	-0.3	32.1	3.7	-0.7	11.6	-0.9	1.8	1.5	3.7
1999 Q2	-0.2	1.7	6.8	7.3	2.5	4.0	0.7	0.2	0.9	2.9	1.9	-1.7	0.7
1999 Q3	3.0	3.3	-33.9	27.2	8.4	13.9	3.9	7.8	10.8	6.0	1.9	-2.0	3.9
1999 Q4	-2.2	-2.8	-3.1	73.2	4.3	42.4	0.7	-0.1	-3.0	4.0	5.1	-2.4	0.7
2000 Q1	3.2	-4.8	-25.0	-7.7	11.1	26.5	4.4	-14.6	5.9	9.4	6.6	6.0	4.4
2000 Q2	12.1	2.0	-24.5	39.4	5.1	40.5	11.0	-2.2	36.3	3.4	1.0	10.2	11.0
2000 Q3	-0.7	-7.0	20.6	-34.2	0.0	-27.3	-1.9	-16.2	-0.7	0.9	-10.6	7.7	-1.9
2000 Q4	6.0	5.7	-7.0	-25.8	0.7	-5.2	4.2	2.0	14.8	0.4	-2.4	7.9	4.2
2001 Q1	3.0	-6.3	77.4	57.4	-4.0	-8.7	0.9	3.1	6.8	-1.1	-3.5	0.7	0.9
2001 Q2	-1.5	8.5	61.1	28.8	-4.2	-5.5	-0.7	36.7	-18.9	-1.3	8.3	-0.8	-0.7
2001 Q3	3.8	33.4	57.0	114.6	2.4	56.8	8.5	43.6	8.0	5.0	13.5	-0.6	8.5
2001 Q4	-3.8	25.0	53.1	77.1	2.3	0.5	1.0	-2.4	7.2	4.8	-5.0	-1.0	1.0
2002 Q1	-5.0	24.9	38.8	17.2	7.1	1.8	0.5	15.8	0.9	9.0	-7.1	-0.9	0.5
2002 Q2	-4.6	-16.4	-7.0	22.8	14.0	0.8	-2.0	-1.6	1.5	12.5	-15.5	-1.8	-2.0
2002 Q3	-1.2	14.3	-5.2	15.9	11.2	8.7	3.2	-0.1	10.0	10.0	-3.8	3.0	3.2
2002 Q4	8.5	11.2	30.1	117.3	20.6	23.1	12.4	20.4	8.6	21.1	14.5	4.4	12.4
2003 Q1	9.0	28.9	39.5	80.8	4.5	4.0	11.0	8.5	8.1	7.3	16.6	9.3	11.0
2003 Q2	1.1	30.3	18.5	40.2	3.4	2.3	4.3	-18.5	3.6	4.9	6.7	12.1	4.3
2003 Q3	-1.5	2.9	23.3	30.4	3.6	-4.7	0.6	-4.2	-4.9	4.8	-4.0	7.6	0.6
2003 Q4	-7.0	-5.7	-15.5	-26.5	0.7	-2.6	-5.2	-10.1	-15.3	-0.4	-7.5	4.3	-5.2
2004 Q1	-5.8	-2.5	-37.3	-16.1	13.0	29.9	-0.9	-9.5	-5.9	8.0	-1.2	1.0	-0.9
2004 Q2	-6.5	34.8	1.6	43.1	6.4	26.7	2.9	8.9	3.6	5.5	2.9	0.7	2.9
2004 Q3	-3.8	16.2	-10.5	22.1	7.3	12.0	2.0	-8.9	-2.0	6.0	5.6	2.7	2.0
2004 Q4	-2.9	23.3	-5.5	11.1	3.1	-3.3	1.6	-7.8	6.8	2.6	-0.8	4.4	1.6
2005 Q1	-3.9	41.9	-4.7	-35.9	-0.4	-18.2	1.4	-3.9	8.2	-0.7	-4.2	8.8	1.4
2005 Q2	63.9	-200.9	-3.4	-37.7	2.7	-11.1	5.6	-8.0	9.4	2.1	4.5	7.7	5.6
2005 Q3	8.3	7.0	6.5	-9.7	-2.0	8.5	5.7	2.1	11.2	-1.6	9.2	5.3	5.7
2005 Q4	9.1	2.2	5.1	1.1	-4.0	38.4	6.9	10.2	11.5	-3.6	11.8	6.5	6.9
2006 Q1	9.4	-19.5	29.6	84.9	-2.2	50.9	5.0	24.2	5.0	-0.6	8.4	0.1	5.0
2006 Q2	-31.0	-201.8	-5.0	8.0	-4.9	24.7	1.8	12.1	3.7	-4.9	8.8	-1.8	1.8
2006 Q3	8.8	-4.8	0.8	-3.9	-5.9	13.4	3.7	24.6	8.2	-5.4	6.1	0.3	3.7
2006 Q4	7.6	-1.6	-4.9	-9.4	-3.8	4.3	3.4	21.2	5.4	-3.9	6.0	-0.1	3.4
2007 Q1	8.3	-6.7	-15.0	-16.5	-0.8	-4.6	2.6	2.8	7.3	-1.9	2.5	3.6	2.6
2007 Q2	11.9	0.2	-1.7	-5.3	-0.6	2.6	6.6	17.2	4.9	-0.7	10.6	4.9	6.6
2007 Q3	-0.2	-3.0	-13.3	-11.6	-2.2	13.6	-0.2	-11.8	6.0	-3.0	-0.9	1.7	-0.2
2007 Q4	8.2	15.1	-8.3	-22.5	-2.0	0.6	6.0	-18.1	10.9	-2.4	13.6	4.5	6.0
2008 Q1	-3.7	25.9	-6.6	-25.6	-7.6	-1.2	-0.8	-24.2	-1.5	-7.5	6.0	4.0	-0.8
2008 Q2	-4.3	16.2	-0.2	-19.4	-10.3	6.1	-2.2	-18.2	4.7	-9.6	-0.2	4.1	-2.2
2008 Q3	-2.6	23.4	119.4	-45.7	-23.6	-34.0	-4.8	-14.2	-4.6	-14.7	-2.0	5.8	-4.8
2008 Q4	-12.1	10.1	117.8	-53.9	-27.0	-46.1	-12.9	-2.8	-14.3	-18.1	-17.8	2.7	-12.9
2009 Q1	-12.4	13.0	103.3	-62.1	-31.6	-39.3	-13.0	-6.5	-15.2	-22.6	-13.8	0.2	-13.0
2009 Q2	-18.4	5.7	106.3	-50.3	-33.7	-32.5	-17.1	2.8	-28.7	-24.0	-19.1	-1.0	-17.1
2009 Q3	-16.3	13.2	-2.9	-12.3	-18.7	6.2	-9.7	6.7	-22.7	-16.4	-7.2	-0.4	-9.7
2009 Q4	-15.3	4.8	-0.5	29.1	-22.0	38.5	-9.4	-9.7	-20.7	-18.5	-3.8	-1.1	-9.4
2010 Q1	-2.6	6.5	-0.2	29.8	-9.1	5.7	-1.2	22.3	-13.6	-7.6	0.9	5.4	-1.2
2010 Q2	-1.2	6.7	1.3	17.4	7.2	10.4	2.6	-11.1	4.1	5.7	-1.0	8.2	2.6
2010 Q3	4.9	-2.9	-0.7	1.1	11.6	11.2	4.4	11.4	2.3	9.6	-0.2	7.1	4.4
2010 Q4	11.7	-1.8	-4.3	-13.6	20.6	-1.2	8.5	72.4	9.1	15.7	-4.8	8.0	8.5
2011 Q1	-1.9	-1.2	-2.6	-4.5	11.4	18.2	1.3	-36.3	8.6	8.9	1.0	1.8	1.3
2011 Q2	2.0	-7.1	-4.8	-26.3	2.8	-6.3	-0.6	-29.8	4.7	1.5	1.9	-1.9	-0.6
2011 Q3	1.6	-7.6	-8.9	-31.7	-1.8	-18.5	-2.6	-44.8	6.7	-2.9	-1.6	1.9	-2.6
2011 Q4	-0.3	-10.1	-8.9	-24.2	1.3	-1.7	-2.3	-49.4	8.2	-0.4	2.9	0.3	-2.3
2012 Q1	11.3	-11.3	-11.2	-21.3	2.8	1.0	3.7	44.5	10.6	0.3	-1.8	2.0	3.7
2012 Q2	4.8	0.6	-9.9	-9.3	-3.1	4.8	2.1	-18.5	4.0	-3.7	5.9	4.1	2.1
2012 Q3	3.2	-12.0	-8.0	-4.1	-2.9	8.2	-0.8	-13.8	-0.7	-3.3	1.6	0.0	-0.8
2012 Q4	8.0	-6.6	-7.8	-8.0	-2.6	5.7	2.9	3.4	2.7	-3.0	6.4	3.5	2.9
2013 Q1	0.4	-15.2	-9.1	13.6	-2.0	8.1	-2.6	-39.3	-0.3	-2.8	-1.3	3.2	-2.6
2013 Q2	6.9	-9.0	-8.1	3.4	11.7	11.9	4.7	19.2	-0.1	8.3	4.9	3.0	4.7
2013 Q3	7.5	5.2	-6.2	16.9	13.4	22.8	8.9	55.5	6.2	10.2	9.6	2.3	8.9
2013 Q4	-1.2	5.7	-5.3	29.6	9.6	23.1	3.2	2.8	-0.5	7.4	5.4	-0.5	3.2
2014 Q1	6.3	27.6	0.6	23.9	11.4	13.5	10.9	53.9	4.4	10.0	16.5	3.0	10.9
2014 Q2	7.3	0.8	14.1	33.1	-0.4	23.4	6.2	72.1	12.6	1.4	2.7	1.0	6.2
2014 Q3	4.8	2.3	20.4	26.1	1.0	12.8	4.6	41.1	7.7	3.3	0.9	1.9	4.6
2014 Q4	7.3	1.2	23.7	14.1	-1.1	3.8	4.9	40.7	5.2	1.8	1.3	5.5	4.9
2015 Q1	9.8	-5.2	18.5	13.3	-2.9	-0.9	4.2	80.7	-0.5	-0.4	2.6	-1.3	4.2
2015 Q2	6.4	2.5	-10.9	-5.6	6.9	-2.5	4.6	6.9	-5.4	4.5	9.3	4.9	4.6
2015 Q3	6.2	-6.3	-10.0	2.3	2.3	-0.4	2.5	-12.2	-3.7	0.7	8.5	3.9	2.5
2015 Q4	6.5	-8.4	-12.0	3.5	5.9	6.0	3.4	16.0	5.6	3.3	2.7	-0.3	3.4
2016 Q1	3.9	-12.8	-9.5	-16.5	7.0	22.1	2.4	-1.6	7.5	4.8	-1.6	4.8	2.4
2016 Q2	4.5	3.0	8.7	45.4	-0.3	-1.2	3.1	31.0	8.6	0.8	-0.7	0.7	3.1
2016 Q3	6.7	11.4	0.7	-5.1	2.6	-3.5	5.7	76.0	5.9	2.4	0.2	1.7	5.7
2016 Q4	2.1	10.0	6.8	1.7	3.7	-1.8	3.4	3.4	-5.4	4.1	7.7	2.4	3.4
2017 Q1	3.0	8.4	4.6	7.6	6.7	-31.2	1.7	-8.6	8.1	6.2	0.1	-1.5	1.7
2017 Q2	3.1	5.2	5.7	-1.4	6.4	-23.6	2.2	0.3	15.6	6.3	-4.5	-0.6	2.2
2017 Q3	1.7	-0.7	4.5	14.2	6.4	-24.2	0.5	-17.7	11.5	6.1	-3.6	0.3	0.5
2017 Q4	3.9	3.0	-19.4	5.0	12.0	-29.3	2.2	-9.9	16.2	8.1	-5.3	2.5	2.2
2018 Q1	0.6	0.9	-46.7	1.2	11.6	-5.0	1.2	-14.8	-0.3	4.7	-1.4	8.1	1.2
2018 Q2	-1.2	-3.9	-49.1	-7.8	12.7	-7.1	-0.6	-29.5	-7.9	5.1	-0.3	9.0	-0.6
2018 Q3	-2.3	5.3	-51.5	-4.1	11.2	-2.5	0.2	-36.1	-1.3	3.9	0.3	8.8	0.2
2018 Q4	-3.4	6.2	-39.2	-4.3	4.3	-1.0	-1.0	-21.9	-0.9	0.3	-1.6	4.0	-1.0
2019 Q1	-1.6	10.2	-9.1	-0.6	1.9	-1.5	0.8	-24.8	-2.1	1.2	4.7	3.3	0.8
2019 Q2	-1.4	6.1	-6.3	-6.5	1.1	0.7	0.3	12.4	-16.1	0.7	7.5	-0.4	0.3

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G4 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (reference year = 2016)

	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	134 998	23 880	3 637	629	64 314	11 118	235 224	12 391	36 232	67 197	85 311	40 732	235 224
1998	149 063	26 092	3 512	497	62 761	11 189	253 267	14 295	39 366	65 532	92 702	44 873	253 267
1999	150 134	26 712	3 141	681	65 099	13 683	258 955	14 533	41 274	67 498	95 176	44 348	258 955
2000	157 745	26 433	2 789	606	67 782	14 586	270 247	13 392	46 974	69 808	93 799	47 875	270 247
2001	158 250	30 377	4 493	1 000	67 140	15 484	276 540	15 944	46 788	71 078	96 626	47 665	276 540
2002	157 140	32 833	5 100	1 437	76 026	16 788	286 235	17 152	49 276	80 449	93 290	48 227	286 235
2003	157 455	36 653	5 864	1 731	78 310	16 710	293 160	16 020	48 001	83 639	95 563	52 217	293 160
2004	149 919	42 877	4 944	1 957	84 041	19 355	297 167	15 266	48 198	88 217	97 002	53 371	297 167
2005	178 291	26 144	4 985	1 539	83 237	19 871	311 672	15 255	53 052	87 349	101 972	57 119	311 672
2006	169 796	44 800	5 213	1 744	79 759	24 111	322 541	18 392	56 027	84 117	109 410	56 903	322 541
2007	181 610	45 449	4 692	1 496	78 656	24 795	334 576	17 767	60 100	82 455	116 489	58 990	334 576
2008	171 149	53 812	7 282	970	65 335	19 990	316 957	15 049	57 621	72 241	111 859	61 429	316 957
2009	144 405	58 719	9 660	639	47 536	17 143	277 609	14 794	44 981	57 395	99 244	61 077	277 609
2010	148 837	59 887	9 562	677	50 861	18 249	287 479	18 086	44 982	60 544	97 931	65 469	287 479
2011	149 341	56 041	8 962	527	52 477	17 635	284 405	10 588	48 140	61 498	98 954	65 806	284 405
2012	159 473	51 845	8 129	468	51 711	18 493	290 008	11 039	50 098	60 002	101 877	67 369	290 008
2013	164 693	49 858	7 541	542	55 893	21 543	300 053	11 203	50 747	63 418	106 603	68 707	300 053
2014	175 258	53 619	8 644	671	57 308	24 347	319 835	16 845	54 539	65 955	112 004	70 654	319 835
2015	187 908	51 220	8 260	694	59 020	24 480	331 615	20 137	53 966	67 280	118 409	71 920	331 615
2016	195 973	52 418	8 362	726	60 903	25 312	343 690	24 623	56 102	69 318	120 017	73 629	343 690
2017	201 708	54 433	8 250	768	65 719	18 428	349 306	22 332	63 289	73 969	115 956	73 760	349 306
2018	198 489	55 568	4 370	737	72 188	17 703	349 055	16 574	61 585	76 559	115 070	79 267	349 055

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	10.4	9.3	-3.4	-21.0	-2.4	0.6	7.7	15.4	8.6	-2.5	8.7	10.2	7.7
1999	0.7	2.4	-10.6	37.0	3.7	22.3	2.2	1.7	4.8	3.0	2.7	-1.2	2.2
2000	5.1	-1.0	-11.2	-11.0	4.1	6.6	4.4	-7.9	13.8	3.4	-1.4	8.0	4.4
2001	0.3	14.9	61.1	65.0	-0.9	6.2	2.3	19.1	-0.4	1.8	3.0	-0.4	2.3
2002	-0.7	8.1	13.5	43.7	13.2	8.4	3.5	7.6	5.3	13.2	-3.5	1.2	3.5
2003	0.2	11.6	15.0	20.5	3.0	-0.5	2.4	-6.6	-2.6	4.0	2.4	8.3	2.4
2004	-4.8	17.0	-15.7	13.1	7.3	15.8	1.4	-4.7	0.4	5.5	1.5	2.2	1.4
2005	18.9	-39.0	0.8	-21.4	-1.0	2.7	4.9	-0.1	10.1	-1.0	5.1	7.0	4.9
2006	-4.8	71.4	4.6	13.3	-4.2	21.3	3.5	20.6	5.6	-3.7	7.3	-0.4	3.5
2007	7.0	1.4	-10.0	-14.2	-1.4	2.8	3.7	-3.4	7.3	-2.0	6.5	3.7	3.7
2008	-5.8	18.4	55.2	-35.2	-16.9	-19.4	-5.3	-15.3	-4.1	-12.4	-4.0	4.1	-5.3
2009	-15.6	9.1	32.7	-34.1	-27.2	-14.2	-12.4	-1.7	-21.9	-20.6	-11.3	-0.6	-12.4
2010	3.1	2.0	-1.0	5.9	7.0	6.5	3.6	22.3	0.0	5.5	-1.3	7.2	3.6
2011	0.3	-6.4	-6.3	-22.2	3.2	-3.4	-1.1	-41.5	7.0	1.6	1.0	0.5	-1.1
2012	6.8	-7.5	-9.3	-11.2	-1.5	4.9	2.0	4.3	4.1	-2.4	3.0	2.4	2.0
2013	3.3	-3.8	-7.2	15.8	8.1	16.5	3.5	1.5	1.3	5.7	4.6	2.0	3.5
2014	6.4	7.5	14.6	23.8	2.5	13.0	6.6	50.4	7.5	4.0	5.1	2.8	6.6
2015	7.2	-4.5	-4.4	3.4	3.0	0.5	3.7	19.5	-1.1	2.0	5.7	1.8	3.7
2016	4.3	2.3	1.2	4.6	3.2	3.4	3.6	22.3	4.0	3.0	1.4	2.4	3.6
2017	2.9	3.8	-1.3	5.8	7.9	-27.2	1.6	-9.3	12.8	6.7	-3.4	0.2	1.6
2018	-1.6	2.1	-47.0	-4.0	9.8	-3.9	-0.1	-25.8	-2.7	3.5	-0.8	7.5	-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.

G5 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (reference year = 2016)

	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	31 807	8 211	1 729	204	15 371	2 057	58 035	3 354	8 530	17 011	21 455	9 707	58 035
1997 Q2	32 386	4 259	510	155	15 786	3 101	55 437	3 226	8 356	16 070	19 336	9 914	55 437
1997 Q3	33 958	5 567	737	136	16 144	2 858	58 657	3 129	8 973	16 672	21 185	10 305	58 657
1997 Q4	36 849	5 843	661	133	17 014	3 103	63 096	2 682	10 373	17 444	23 338	10 805	63 096
1998 Q1	37 269	8 911	1 281	149	15 336	2 047	64 988	4 102	9 674	16 479	24 739	10 957	64 988
1998 Q2	36 010	4 735	566	97	16 099	2 833	60 113	3 656	9 419	16 440	20 255	11 056	60 113
1998 Q3	36 240	5 927	896	138	15 691	3 424	62 195	3 266	9 275	16 404	23 337	11 266	62 195
1998 Q4	39 546	6 519	769	113	15 633	2 885	65 974	3 271	10 999	16 208	24 374	11 593	65 974
1999 Q1	38 013	9 123	1 187	213	15 308	2 866	66 912	4 002	10 608	16 344	25 105	11 128	66 912
1999 Q2	36 036	5 399	653	100	16 477	2 903	61 144	3 725	9 677	16 933	20 962	10 875	61 144
1999 Q3	37 419	5 968	542	172	17 024	3 909	64 667	3 517	10 337	17 352	23 753	11 030	64 667
1999 Q4	38 670	6 221	760	197	16 290	4 005	66 236	3 290	10 653	16 869	25 361	11 313	66 236
2000 Q1	39 067	8 852	1 026	198	17 046	3 753	69 722	3 341	11 319	17 909	26 561	11 757	69 722
2000 Q2	40 552	5 215	421	142	17 274	4 057	67 812	3 697	13 148	17 476	21 114	11 998	67 812
2000 Q3	37 140	5 851	617	116	17 063	2 996	63 768	2 988	10 301	17 480	21 516	11 892	63 768
2000 Q4	40 988	6 514	725	150	16 398	3 781	68 948	3 366	12 207	16 944	24 609	12 227	68 948
2001 Q1	40 131	8 794	1 523	312	16 373	3 385	70 589	3 313	12 264	17 809	25 813	11 837	70 589
2001 Q2	40 101	6 161	802	178	16 507	3 787	67 710	5 156	10 551	17 136	23 338	11 901	67 710
2001 Q3	38 675	7 514	997	249	17 448	4 494	69 022	4 239	11 203	18 290	24 170	11 818	69 022
2001 Q4	39 347	7 909	1 171	261	16 813	3 818	69 223	3 237	12 770	17 841	23 310	12 108	69 223
2002 Q1	37 860	9 919	1 961	366	17 543	3 412	70 279	3 732	12 284	19 417	23 600	11 737	70 279
2002 Q2	38 401	6 549	654	214	18 758	3 818	67 930	5 122	11 254	19 198	20 570	11 679	67 930
2002 Q3	38 194	7 851	918	291	19 360	4 878	70 491	4 311	11 920	20 082	22 869	12 180	70 491
2002 Q4	42 689	8 513	1 566	566	20 365	4 680	77 538	3 987	13 818	21 750	26 257	12 631	77 538
2003 Q1	41 217	12 270	2 531	646	18 329	3 518	77 981	4 024	13 346	20 807	27 126	12 879	77 981
2003 Q2	38 645	7 088	801	289	19 383	3 895	69 289	4 227	10 845	20 051	21 753	13 062	69 289
2003 Q3	37 966	8 462	1 190	377	19 995	4 706	71 614	4 177	11 679	21 009	22 139	13 101	71 614
2003 Q4	39 631	8 834	1 342	418	20 602	4 592	74 280	3 592	12 132	21 767	24 551	13 173	74 280
2004 Q1	38 564	13 260	1 812	555	20 696	4 656	78 128	3 740	12 679	22 381	27 532	13 058	78 128
2004 Q2	36 015	8 930	802	429	20 631	4 969	70 293	4 375	11 158	21 212	21 558	13 129	70 293
2004 Q3	36 695	9 994	1 072	489	21 381	5 262	73 320	3 833	11 513	22 241	23 550	13 455	73 320
2004 Q4	38 649	10 694	1 258	485	21 333	4 468	75 430	3 318	12 848	22 382	24 368	13 728	75 430
2005 Q1	37 068	16 407	1 778	357	20 588	3 634	78 245	3 544	12 913	22 223	26 402	14 265	78 245
2005 Q2	58 709	- 11 972	740	265	21 167	4 388	74 417	4 086	12 536	21 632	22 332	14 113	74 417
2005 Q3	40 348	10 740	1 181	439	20 917	5 718	78 238	3 931	13 178	21 866	26 054	14 146	78 238
2005 Q4	42 170	10 970	1 285	478	20 565	6 131	80 776	3 694	14 425	21 628	27 187	14 594	80 776
2006 Q1	40 640	14 873	2 165	625	20 069	5 688	83 231	4 306	14 269	22 091	28 859	14 372	83 231
2006 Q2	40 650	8 401	651	272	20 117	5 549	74 743	4 625	12 436	20 491	24 058	13 814	74 743
2006 Q3	43 601	10 412	1 203	420	19 709	6 478	81 218	4 901	14 198	20 699	27 784	14 136	81 218
2006 Q4	44 909	11 114	1 195	428	19 863	6 396	83 353	4 561	15 124	20 837	28 713	14 580	83 353
2007 Q1	43 884	14 851	1 968	510	19 814	5 273	85 642	4 390	15 554	21 624	29 578	14 923	85 642
2007 Q2	45 305	8 315	601	261	19 977	5 744	79 583	5 249	13 183	20 297	26 626	14 446	79 583
2007 Q3	43 737	9 671	1 035	385	19 322	7 345	81 029	4 352	14 782	20 129	27 742	14 391	81 029
2007 Q4	48 686	12 613	1 088	339	19 542	6 433	88 326	3 776	16 582	20 403	32 547	15 229	88 326
2008 Q1	42 519	17 535	1 881	383	18 151	5 074	85 045	3 309	15 159	19 917	31 486	15 532	85 045
2008 Q2	43 162	9 977	588	213	17 934	6 175	77 550	4 266	13 935	18 274	26 419	15 026	77 550
2008 Q3	42 699	12 173	2 382	216	14 838	5 163	77 238	3 713	14 134	17 206	27 247	15 230	77 238
2008 Q4	42 772	14 128	2 431	157	14 412	3 578	77 128	3 761	14 393	16 843	26 711	15 639	77 128
2009 Q1	37 302	19 509	3 083	144	12 116	2 605	74 531	3 115	12 964	15 311	27 672	15 571	74 531
2009 Q2	35 391	10 398	1 828	105	11 884	4 226	63 674	4 332	9 794	13 749	20 823	14 862	63 674
2009 Q3	35 549	14 158	2 311	190	12 153	5 440	69 734	3 860	10 965	14 455	25 212	15 187	69 734
2009 Q4	36 166	14 655	2 438	200	11 382	4 871	69 673	3 487	11 258	13 874	25 540	15 457	69 673
2010 Q1	36 183	20 578	3 025	185	10 820	2 755	73 399	3 817	11 145	13 954	27 918	16 507	73 399
2010 Q2	34 868	11 271	1 893	123	12 792	4 731	65 530	3 827	10 254	14 671	20 663	15 991	65 530
2010 Q3	37 277	13 782	2 299	196	13 580	5 909	72 855	4 277	11 320	15 892	25 075	16 276	72 855
2010 Q4	40 512	14 256	2 346	173	13 669	4 854	75 698	6 164	12 264	16 026	24 277	16 694	75 698
2011 Q1	35 433	20 508	2 901	174	12 055	3 438	74 113	2 392	12 081	15 034	28 081	16 820	74 113
2011 Q2	35 390	10 154	1 819	91	13 185	4 488	65 037	2 650	10 597	14 990	21 181	15 693	65 037
2011 Q3	37 828	12 673	2 096	132	13 383	4 886	70 916	2 328	12 105	15 483	24 623	16 559	70 916
2011 Q4	40 693	12 706	2 146	131	13 854	4 823	74 342	3 217	13 358	15 988	25 072	16 734	74 342
2012 Q1	39 164	18 748	2 572	133	12 357	3 493	76 241	3 454	13 288	14 951	27 381	17 136	76 241
2012 Q2	37 180	10 528	1 640	84	12 839	4 732	66 969	2 233	11 202	14 523	22 839	16 294	66 969
2012 Q3	38 805	11 016	1 936	128	13 012	5 133	70 028	1 946	11 964	14 999	24 801	16 567	70 028
2012 Q4	44 328	11 552	1 981	122	13 503	5 134	76 773	3 406	13 643	15 527	26 857	17 372	76 773
2013 Q1	38 998	16 639	2 333	147	12 086	3 920	74 024	1 997	13 312	14 443	26 771	17 651	74 024
2013 Q2	40 176	9 515	1 506	88	14 343	5 296	70 953	2 689	11 374	15 830	24 399	16 814	70 953
2013 Q3	41 581	11 449	1 832	148	14 703	6 074	75 809	2 998	12 506	16 524	27 038	16 931	75 809
2013 Q4	43 942	12 255	1 870	158	14 762	6 253	79 271	3 518	13 555	16 622	28 399	17 311	79 271
2014 Q1	41 356	19 499	2 312	181	13 574	4 684	81 494	3 100	13 804	15 892	30 713	18 156	81 494
2014 Q2	43 356	9 641	1 804	121	14 315	6 471	75 774	4 624	12 805	16 113	25 195	16 986	75 774
2014 Q3	43 513	11 933	2 230	187	14 812	6 712	79 386	4 208	13 699	17 043	27 280	17 203	79 386
2014 Q4	47 036	12 546	2 298	182	14 606	6 480	83 185	4 913	14 232	16 907	28 819	18 310	83 185
2015 Q1	45 167	18 418	2 656	200	13 177	4 726	84 332	5 764	13 579	15 839	31 328	17 833	84 332
2015 Q2	45 685	10 199	1 582	114	15 276	6 274	79 148	4 995	12 070	16 854	27 340	17 864	79 148
2015 Q3	45 717	11 268	2 024	190	15 118	6 650	80 974	3 773	13 091	17 140	29 130	17 910	80 974
2015 Q4	51 344	11 336	1 998	190	15 450	6 830	87 165	5 605	15 225	17 447	30 616	18 312	87 165
2016 Q1	47 688	16 609	2 431	168	14 176	6 071	87 163	5 674	14 289	16 661	31 879	18 680	87 163
2016 Q2	49 157	10 751	1 767	174	15 243	6 149	83 228	6 598	13 359	17 009	28 219	18 031	83 228
2016 Q3	49 426	12 567	2 055	185	15 453	6 404	86 086	6 625	14 000	17 509	29 752	18 188	86 086
2016 Q4	49 706	12 491	2 109	198	16 031	6 686	87 217	5 726	14 454	18 140	30 170	18 730	87 217
2017 Q1	48 477	17 408	2 512	171	15 181	4 370	88 119	5 240	15 479	17 693	31 267	18 440	88 119
2017 Q2	50 016	11 441	1 863	186	16 230	4 567	84 303	6 626	15 197	18 093	26 390	17 997	84 303
2017 Q3	50 486	12 752	2 174	207	16 378	4 778	86 775	5 511	15 712	18 551	28 776	18 225	86 775
2017 Q4	52 729	12 832	1 701	204	17 930	4 713	90 109	4 955	16 901	19 632	29 523	19 098	90 109
2018 Q1	48 306	17 648	1 525	168	17 032	4 052	88 731	4 445	15 417	18 558	30 639	19 672	88 731
2018 Q2	48 513	11 242	763	174	18 234	4 280	83 206	4 730	14 046	18 996	25 821	19 613	83 206
2018 Q3	49 428	13 482	1 068	197	18 200	4 677	87 052	3 554	15 526	19 268	28 958	19 746	87 052
2018 Q4	52 242	13 196	1 014	198	18 722	4 694	90 066	3 845	16 596	19 737	29 652	20 236	90 066
2019 Q1	49 808	19 159	1 420	163	17 410	4 127	92 087	3 475	16 290	18 830	32 996	20 496	92 087
2019 Q2	49 774	11 487	689	168	18 410	4 192	84 720	5 763	12 257	19 099	28 019	19 582	84 720

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

£ million (reference year = 2016)

	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	1.8	-48.1	-70.5	-24.0	2.7	50.8	-4.5	-3.8	-2.0	-5.5	-9.9	2.1	-4.5
1997 Q3	4.9	30.7	44.5	-12.3	2.3	-7.8	5.8	-3.0	7.4	3.7	9.6	3.9	5.8
1997 Q4	8.5	5.0	-10.3	-2.2	5.4	8.6	7.6	-14.3	15.6	4.6	10.2	4.9	7.6
1998 Q1	1.1	52.5	93.8	12.0	-9.9	-34.0	3.0	52.9	-6.7	-5.5	6.0	1.4	3.0
1998 Q2	-3.4	-46.9	-55.8	-34.9	5.0	38.4	-7.5	-10.9	-2.6	-0.2	-18.1	0.9	-7.5
1998 Q3	0.6	25.2	58.3	42.3	-2.5	20.9	3.5	-10.7	-1.5	-0.2	15.2	1.9	3.5
1998 Q4	9.1	10.0	-14.2	-18.1	-0.4	-15.7	6.1	0.2	18.6	-1.2	4.4	2.9	6.1
1999 Q1	-3.9	39.9	54.4	88.5	-2.1	-0.7	1.4	22.3	-3.6	0.8	3.0	-4.0	1.4
1999 Q2	-5.2	-40.8	-45.0	-53.1	7.6	1.3	-8.6	-6.9	-8.8	3.6	-16.5	-2.3	-8.6
1999 Q3	3.8	10.5	-17.0	72.0	3.3	34.7	5.8	-5.6	6.8	2.5	13.3	1.4	5.8
1999 Q4	3.3	4.2	40.2	14.5	-4.3	2.5	2.4	-6.5	3.1	-2.8	6.8	2.6	2.4
2000 Q1	1.0	42.3	35.0	0.5	4.6	-6.3	5.3	1.6	6.3	6.2	4.7	3.9	5.3
2000 Q2	3.8	-41.1	-59.0	-28.3	1.3	8.1	-2.7	10.7	16.2	-2.4	-20.5	2.0	-2.7
2000 Q3	-8.4	12.2	46.6	-18.3	-1.2	-26.2	-6.0	-19.2	-21.7	0.0	1.9	-0.9	-6.0
2000 Q4	10.4	11.3	17.5	29.3	-3.9	26.2	8.1	12.7	18.5	-3.1	14.4	2.8	8.1
2001 Q1	-2.1	35.0	110.1	108.0	-0.2	-10.5	2.4	-1.6	0.5	5.1	4.9	-3.2	2.4
2001 Q2	-0.1	-29.9	-47.3	-42.9	0.8	11.9	-4.1	55.6	-14.0	-3.8	-9.6	0.5	-4.1
2001 Q3	-3.6	22.0	24.3	39.9	5.7	18.7	1.9	-17.8	6.2	6.7	3.6	-0.7	1.9
2001 Q4	1.7	5.3	17.5	4.8	-3.6	-15.0	0.3	-23.6	14.0	-2.5	-3.6	2.5	0.3
2002 Q1	-3.8	25.4	67.5	40.2	4.3	-10.6	1.5	15.3	-3.8	8.8	1.2	-3.1	1.5
2002 Q2	1.4	-34.0	-66.6	-41.5	6.9	11.9	-3.3	37.2	-8.4	-1.1	-12.8	-0.5	-3.3
2002 Q3	-0.5	19.9	40.4	36.0	3.2	27.8	3.8	-15.8	5.9	4.6	11.2	4.3	3.8
2002 Q4	11.8	8.4	70.6	94.5	5.2	-4.1	10.0	-7.5	15.9	8.3	14.8	3.7	10.0
2003 Q1	-3.4	44.1	61.6	14.1	-10.0	-24.8	0.6	0.9	-3.4	-4.3	3.3	2.0	0.6
2003 Q2	-6.2	-42.2	-68.4	-55.3	5.8	10.7	-11.1	5.0	-18.7	-3.6	-19.8	1.4	-11.1
2003 Q3	-1.8	19.4	48.6	30.4	3.2	20.8	3.4	-1.2	7.7	4.8	1.8	0.3	3.4
2003 Q4	4.4	4.4	12.8	10.9	3.0	-2.4	3.7	-14.0	3.9	3.6	10.9	0.5	3.7
2004 Q1	-2.7	50.1	35.0	32.8	0.5	1.4	5.2	4.1	4.5	2.8	12.1	-0.9	5.2
2004 Q2	-6.6	-32.7	-55.7	-22.7	-0.3	6.7	-10.0	17.0	-12.0	-5.2	-21.7	0.5	-10.0
2004 Q3	1.9	11.9	33.7	14.0	3.6	5.9	4.3	-12.4	3.2	4.9	9.2	2.5	4.3
2004 Q4	5.3	7.0	17.4	-0.8	-0.2	-15.1	2.9	-13.4	11.6	0.6	3.5	2.0	2.9
2005 Q1	-4.1	53.4	41.3	-26.4	-3.5	-18.7	3.7	6.8	0.5	-0.7	8.3	3.9	3.7
2005 Q2	58.4	-173.0	-58.4	-25.8	2.8	20.7	-4.9	15.3	-2.9	-2.7	-15.4	-1.1	-4.9
2005 Q3	-31.3	-189.7	59.6	65.7	-1.2	30.3	5.1	-3.8	5.1	1.1	16.7	0.2	5.1
2005 Q4	4.5	2.1	8.8	8.9	-1.7	7.2	3.2	-6.0	9.5	-1.1	4.3	3.2	3.2
2006 Q1	-3.6	35.6	68.5	30.8	-2.4	-7.2	3.0	16.6	-1.1	2.1	6.1	-1.5	3.0
2006 Q2	0.0	-43.5	-69.9	-56.5	0.2	-2.4	-10.2	7.4	-12.8	-7.2	-16.6	-3.9	-10.2
2006 Q3	7.3	23.9	84.8	54.4	-2.0	16.7	8.7	6.0	14.2	1.0	15.5	2.3	8.7
2006 Q4	3.0	6.7	-0.7	1.9	0.8	-1.3	2.6	-6.9	6.5	0.7	3.3	3.1	2.6
2007 Q1	-2.3	33.6	64.7	19.2	-0.2	-17.6	2.7	-3.7	2.8	3.8	3.0	2.4	2.7
2007 Q2	3.2	-44.0	-69.5	-48.8	0.8	8.9	-7.1	19.6	-15.2	-6.1	-10.0	-3.2	-7.1
2007 Q3	-3.5	16.3	72.2	47.5	-3.3	27.9	1.8	-17.1	12.1	-0.8	4.2	-0.4	1.8
2007 Q4	11.3	30.4	5.1	-11.9	1.1	-12.4	9.0	-13.2	12.2	1.4	17.3	5.8	9.0
2008 Q1	-12.7	39.0	72.9	13.0	-7.1	-21.1	-3.7	-12.4	-8.6	-2.4	-3.3	2.0	-3.7
2008 Q2	1.5	-43.1	-68.7	-44.4	-1.2	21.7	-8.8	28.9	-8.1	-8.2	-16.1	-3.3	-8.8
2008 Q3	-1.1	22.0	305.1	1.4	-17.3	-16.4	-0.4	-13.0	1.4	-5.8	3.1	1.4	-0.4
2008 Q4	0.2	16.1	2.1	-27.3	-2.9	-30.7	-0.1	1.3	1.8	-2.1	-2.0	2.7	-0.1
2009 Q1	-12.8	38.1	26.8	-8.3	-15.9	-27.2	-3.4	-17.2	-9.9	-9.1	3.6	-0.4	-3.4
2009 Q2	-5.1	-46.7	-40.7	-27.1	-1.9	62.2	-14.6	39.1	-24.5	-10.2	-24.8	-4.6	-14.6
2009 Q3	0.4	36.2	26.4	81.0	2.3	28.7	9.5	-10.9	12.0	5.1	21.1	2.2	9.5
2009 Q4	1.7	3.5	5.5	5.3	-6.3	-10.5	-0.1	-9.7	2.7	-4.0	1.3	1.8	-0.1
2010 Q1	0.0	40.4	24.1	-7.5	-4.9	-43.4	5.3	9.5	-1.0	0.6	9.3	6.8	5.3
2010 Q2	-3.6	-45.2	-37.4	-33.5	18.2	71.7	-10.7	0.3	-8.0	5.1	-26.0	-3.1	-10.7
2010 Q3	6.9	22.3	21.4	59.3	6.2	24.9	11.2	11.8	10.4	8.3	21.4	1.8	11.2
2010 Q4	8.7	3.4	2.0	-11.7	0.7	-17.9	3.9	44.1	8.3	0.8	-3.2	2.6	3.9
2011 Q1	-12.5	43.9	23.7	0.6	-11.8	-29.2	-2.1	-61.2	-1.5	-6.2	15.7	0.8	-2.1
2011 Q2	-0.1	-50.5	-37.3	-47.7	9.4	30.5	-12.2	10.8	-12.3	-0.3	-24.6	-6.7	-12.2
2011 Q3	6.9	24.8	15.2	45.1	1.5	8.9	9.0	-12.2	14.2	3.3	16.3	5.5	9.0
2011 Q4	7.6	0.3	2.4	-0.8	3.5	-1.3	4.8	38.2	10.4	3.3	1.8	1.1	4.8
2012 Q1	-3.8	47.6	19.9	1.5	-10.8	-27.6	2.6	7.4	-0.5	-6.5	9.2	2.4	2.6
2012 Q2	-5.1	-43.8	-36.2	-36.8	3.9	35.5	-12.2	-35.4	-15.7	-2.9	-16.6	-4.9	-12.2
2012 Q3	4.4	4.6	18.0	52.4	1.3	8.5	4.6	-12.9	6.8	3.3	8.6	1.7	4.6
2012 Q4	14.2	4.9	2.3	-4.7	3.8	0.0	9.6	75.0	14.0	3.5	8.3	4.9	9.6
2013 Q1	-12.0	44.0	17.8	20.5	-10.5	-23.6	-3.6	-41.4	-2.4	-7.0	-0.3	1.6	-3.6
2013 Q2	3.0	-42.8	-35.4	-40.1	18.7	35.1	-4.1	34.7	-14.6	9.6	-8.9	-4.7	-4.1
2013 Q3	3.5	20.3	21.6	68.2	2.5	14.7	6.8	11.5	10.0	4.4	10.8	0.7	6.8
2013 Q4	5.7	7.0	2.1	6.8	0.4	2.9	4.6	17.3	8.4	0.6	5.0	2.2	4.6
2014 Q1	-5.9	59.1	23.6	14.6	-8.0	-25.1	2.8	-11.9	1.8	-4.4	8.1	4.9	2.8
2014 Q2	4.8	-50.6	-22.0	-33.1	5.5	38.2	-7.0	49.2	-7.2	1.4	-18.0	-6.4	-7.0
2014 Q3	0.4	23.8	23.6	54.5	3.5	3.7	4.8	-9.0	7.0	5.8	8.3	1.3	4.8
2014 Q4	8.1	5.1	3.0	-2.7	-1.4	-3.5	4.8	16.8	3.9	-0.8	5.6	6.4	4.8
2015 Q1	-4.0	46.8	15.6	9.9	-9.8	-27.1	1.4	17.3	-4.6	-6.3	8.7	-2.6	1.4
2015 Q2	1.1	-44.6	-40.4	-43.0	15.9	32.8	-6.1	-13.3	-11.1	6.4	-12.7	0.2	-6.1
2015 Q3	0.1	10.5	27.9	66.7	-1.0	6.0	2.3	-24.5	8.5	1.7	6.5	0.3	2.3
2015 Q4	12.3	0.6	-1.3	0.0	2.2	2.7	7.6	48.6	16.3	1.8	5.1	2.2	7.6
2016 Q1	-7.1	46.5	21.7	-11.6	-8.2	-11.1	0.0	1.2	-6.1	-4.5	4.1	2.0	0.0
2016 Q2	3.1	-35.3	-27.3	3.6	7.5	1.3	-4.5	16.3	-6.5	2.1	-11.5	-3.5	-4.5
2016 Q3	0.5	16.9	16.3	6.3	1.4	4.1	3.4	0.4	4.8	2.9	5.4	0.9	3.4
2016 Q4	0.6	-0.6	2.6	7.0	3.7	4.4	1.3	-13.6	3.2	3.6	1.4	3.0	1.3
2017 Q1	-2.5	39.4	19.1	-13.6	-5.3	-34.6	1.0	-8.5	7.1	-2.5	3.6	-1.5	1.0
2017 Q2	3.2	-34.3	-25.8	8.8	6.9	4.5	-4.3	26.5	-1.8	2.3	-15.6	-2.4	-4.3
2017 Q3	0.9	11.5	16.7	11.3	0.9	4.6	2.9	-16.8	3.4	2.5	9.0	1.3	2.9
2017 Q4	4.4	0.6	-21.8	-1.4	9.5	-1.4	3.8	-10.1	7.6	5.8	2.6	4.8	3.8
2018 Q1	-8.4	37.5	-10.3	-17.6	-5.0	-14.0	-1.5	-10.3	-8.8	-5.5	3.8	3.0	-1.5
2018 Q2	0.4	-36.3	-50.0	3.6	7.1	5.6	-6.2	6.4	-8.9	2.4	-15.7	-0.3	-6.2
2018 Q3	1.9	19.9	40.0	13.2	-0.2	9.3	4.6	-24.9	10.5	1.4	12.1	0.7	4.6
2018 Q4	5.7	-2.1	-5.1	0.5	2.9	0.4	3.5	8.2	6.9	2.4	2.4	2.5	3.5
2019 Q1	-4.7	45.2	40.0	-17.7	-7.0	-12.1	2.2	-9.6	-1.8	-4.6	11.3	1.3	2.2
2019 Q2	-0.1	-40.0	-51.5	3.1	5.7	1.6	-8.0	65.8	-24.8	1.4	-15.1	-4.5	-8.0

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

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

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

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

£ million (reference year = 2016)

	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	17.2	8.5	-25.9	-27.0	-0.2	-0.5	12.0	22.3	13.4	-3.1	15.3	12.9	12.0
1998 Q2	11.2	11.2	11.0	-37.4	2.0	-8.6	8.4	13.3	12.7	2.3	4.8	11.5	8.4
1998 Q3	6.7	6.5	21.6	1.5	-2.8	19.8	6.0	4.4	3.4	-1.6	10.2	9.3	6.0
1998 Q4	7.3	11.6	16.3	-15.0	-8.1	-7.0	4.6	22.0	6.0	-7.1	4.4	7.3	4.6
1999 Q1	2.0	2.4	-7.3	43.0	-0.2	40.0	3.0	-2.4	9.7	-0.8	1.5	1.6	3.0
1999 Q2	0.1	14.0	15.4	3.1	2.3	2.5	1.7	1.9	2.7	3.0	3.5	-1.6	1.7
1999 Q3	3.3	0.7	-39.5	24.6	8.5	14.2	4.0	7.7	11.5	5.8	1.8	-2.1	4.0
1999 Q4	-2.2	-4.6	-1.2	74.3	4.2	38.8	0.4	0.6	-3.1	4.1	4.0	-2.4	0.4
2000 Q1	2.8	-3.0	-13.6	-7.0	11.4	30.9	4.2	-16.5	6.7	9.6	5.8	5.7	4.2
2000 Q2	12.5	-3.4	-35.5	42.0	4.8	39.8	10.9	-0.8	35.9	3.2	0.7	10.3	10.9
2000 Q3	-0.7	-2.0	13.8	-32.6	0.2	-23.4	-1.4	-15.0	-0.3	0.7	-9.4	7.8	-1.4
2000 Q4	6.0	4.7	-4.6	-23.9	0.7	-5.6	4.1	2.3	14.6	0.4	-3.0	8.1	4.1
2001 Q1	2.7	-0.7	48.4	57.6	-3.9	-9.8	1.2	-0.8	8.3	-0.6	-2.8	0.7	1.2
2001 Q2	-1.1	18.1	90.5	25.4	-4.4	-6.7	-0.2	39.5	-19.8	-1.9	10.5	-0.8	-0.2
2001 Q3	4.1	28.4	61.6	114.7	2.3	50.0	8.2	41.9	8.8	4.6	12.3	-0.6	8.2
2001 Q4	-4.0	21.4	61.5	74.0	2.5	1.0	0.4	-3.8	4.6	5.3	-5.3	-1.0	0.4
2002 Q1	-5.7	12.8	28.8	17.3	7.1	0.8	-0.4	12.6	0.2	9.0	-8.6	-0.8	-0.4
2002 Q2	-4.2	6.3	-18.5	20.2	13.6	0.8	0.3	-0.7	6.7	12.0	-11.9	-1.9	0.3
2002 Q3	-1.2	4.5	-7.9	16.9	11.0	8.5	2.1	1.7	6.4	9.8	-5.4	3.1	2.1
2002 Q4	8.5	7.6	33.7	116.9	21.1	22.6	12.0	23.2	8.2	21.9	12.6	4.3	12.0
2003 Q1	8.9	23.7	29.1	76.5	4.5	3.1	11.0	7.8	8.6	7.2	14.9	9.7	11.0
2003 Q2	0.6	8.2	22.5	35.0	3.3	2.0	2.0	-17.5	-3.6	4.4	5.8	11.8	2.0
2003 Q3	-0.6	7.8	29.6	29.6	3.3	-3.5	1.6	-3.1	-2.0	4.6	-3.2	7.6	1.6
2003 Q4	-7.2	3.8	-14.3	-26.1	1.2	-1.9	-4.2	-9.9	-12.2	0.1	-6.5	4.3	-4.2
2004 Q1	-6.4	8.1	-28.4	-14.1	12.9	32.3	0.2	-7.1	-5.0	7.6	1.5	1.4	0.2
2004 Q2	-6.8	26.0	0.1	48.4	6.4	27.6	1.4	3.5	2.9	5.8	-0.9	0.5	1.4
2004 Q3	-3.3	18.1	-9.9	29.7	6.9	11.8	2.4	-8.2	-1.4	5.9	6.4	2.7	2.4
2004 Q4	-2.5	21.1	-6.3	16.0	3.5	-2.7	1.5	-7.6	5.9	2.8	-0.7	4.2	1.5
2005 Q1	-3.9	23.7	-1.9	-35.7	-0.5	-22.0	0.1	-5.2	1.8	-0.7	-4.1	9.2	0.1
2005 Q2	63.0	-234.1	-7.7	-38.2	2.6	-11.7	5.9	-6.6	12.3	2.0	3.6	7.5	5.9
2005 Q3	10.0	7.5	10.2	-10.2	-2.2	8.7	6.7	2.6	14.5	-1.7	10.6	5.1	6.7
2005 Q4	9.1	2.6	2.1	-1.4	-3.6	37.2	7.1	11.3	12.3	-3.4	11.6	6.3	7.1
2006 Q1	9.6	-9.3	21.8	75.1	-2.5	56.5	6.4	21.5	10.5	-0.6	9.3	0.8	6.4
2006 Q2	-30.8	-170.2	-12.0	2.6	-5.0	26.5	0.4	13.2	-0.8	-5.3	7.7	-2.1	0.4
2006 Q3	8.1	-3.1	1.9	-4.3	-5.8	13.3	3.8	24.7	7.7	-5.3	6.6	-0.1	3.8
2006 Q4	6.5	1.3	-7.0	-10.5	-3.4	4.3	3.2	23.5	4.8	-3.7	5.6	-0.1	3.2
2007 Q1	8.0	-0.1	-9.1	-18.4	-1.3	-7.3	2.9	2.0	9.0	-2.1	2.5	3.8	2.9
2007 Q2	11.5	-1.0	-7.7	-4.0	-0.7	3.5	6.5	13.5	6.0	-0.9	10.7	4.6	6.5
2007 Q3	0.3	-7.1	-14.0	-8.3	-2.0	13.4	-0.2	-11.2	4.1	-2.8	-0.2	1.8	-0.2
2007 Q4	8.4	13.5	-9.0	-20.8	-1.6	0.6	6.0	-17.2	9.6	-2.1	13.4	4.5	6.0
2008 Q1	-3.1	18.1	-4.4	-24.9	-8.4	-3.8	-0.7	-24.6	-2.5	-7.9	6.5	4.1	-0.7
2008 Q2	-4.7	20.0	-2.2	-18.4	-10.2	7.5	-2.6	-18.7	5.7	-10.0	-0.8	4.0	-2.6
2008 Q3	-2.4	25.9	130.1	-43.9	-23.2	-29.7	-4.7	-14.7	-4.4	-14.5	-1.8	5.8	-4.7
2008 Q4	-12.1	12.0	123.4	-53.7	-26.3	-44.4	-12.7	-0.4	-13.2	-17.4	-17.9	2.7	-12.7
2009 Q1	-12.3	11.3	63.9	-62.4	-33.2	-48.7	-12.4	-5.9	-14.5	-23.1	-12.1	0.3	-12.4
2009 Q2	-18.0	4.2	210.9	-50.7	-33.7	-31.6	-17.9	1.5	-29.7	-24.8	-21.2	-1.1	-17.9
2009 Q3	-16.7	16.3	-3.0	-12.0	-18.1	5.4	-9.7	4.0	-22.4	-16.0	-7.5	-0.3	-9.7
2009 Q4	-15.4	3.7	0.3	27.4	-21.0	36.1	-9.7	-7.3	-21.8	-17.6	-4.4	-1.2	-9.7
2010 Q1	-3.0	5.5	-1.9	28.5	-10.7	5.8	-1.5	22.5	-14.0	-8.9	0.9	6.0	-1.5
2010 Q2	-1.5	8.4	3.6	17.1	7.6	11.9	2.9	-11.7	4.7	6.7	-0.8	7.6	2.9
2010 Q3	4.9	-2.7	-0.5	3.2	11.7	8.6	4.5	10.8	3.2	9.9	-0.5	7.2	4.5
2010 Q4	12.0	-2.7	-3.8	-13.5	20.1	-0.3	8.6	76.8	8.9	15.5	-4.9	8.0	8.6
2011 Q1	-2.1	-0.3	-4.1	-5.9	11.4	24.8	1.0	-37.3	8.4	7.7	0.6	1.9	1.0
2011 Q2	1.5	-9.9	-3.9	-26.0	3.1	-5.1	-0.8	-30.8	3.3	2.2	2.5	-1.9	-0.8
2011 Q3	1.5	-8.0	-8.8	-32.7	-1.5	-17.3	-2.7	-45.6	6.9	-2.6	-1.8	1.7	-2.7
2011 Q4	0.4	-10.9	-8.5	-24.3	1.4	-0.6	-1.8	-47.8	8.9	-0.2	3.3	0.2	-1.8
2012 Q1	10.5	-8.6	-11.3	-23.6	2.5	1.6	2.9	44.4	10.0	-0.6	-2.5	1.9	2.9
2012 Q2	5.1	3.7	-9.8	-7.7	-2.6	5.4	3.0	-15.7	5.7	-3.1	7.8	3.8	3.0
2012 Q3	2.6	-13.1	-7.6	-3.0	-2.8	5.1	-1.3	-16.4	-1.2	-3.1	0.7	0.0	-1.3
2012 Q4	8.9	-9.1	-7.7	-6.9	-2.5	6.4	3.3	5.9	2.1	-2.9	7.1	3.8	3.3
2013 Q1	-0.4	-11.2	-9.3	10.5	-2.2	12.2	-2.9	-42.2	0.2	-3.4	-2.2	3.0	-2.9
2013 Q2	8.1	-9.6	-8.2	4.8	11.7	11.9	5.9	20.4	1.5	9.0	6.8	3.2	5.9
2013 Q3	7.2	3.9	-5.4	15.6	13.0	18.3	8.3	54.1	4.5	10.2	9.0	2.2	8.3
2013 Q4	-0.9	6.1	-5.6	29.5	9.3	21.8	3.3	3.3	-0.6	7.1	5.7	-0.4	3.3
2014 Q1	6.0	17.2	-0.9	23.1	12.3	19.5	10.1	55.2	3.7	10.0	14.7	2.9	10.1
2014 Q2	7.9	1.3	19.8	37.5	-0.2	22.2	6.8	72.0	12.6	1.8	3.3	1.0	6.8
2014 Q3	4.6	4.2	21.7	26.4	0.7	10.5	4.7	40.4	9.5	3.1	0.9	1.6	4.7
2014 Q4	7.0	2.4	22.9	15.2	-1.1	3.6	4.9	39.7	5.0	1.7	1.5	5.8	4.9
2015 Q1	9.2	-5.5	14.9	10.5	-2.9	0.9	3.5	85.9	-1.6	-0.3	2.0	-1.8	3.5
2015 Q2	5.4	5.8	-12.3	-5.8	6.7	-3.0	4.5	8.0	-5.7	4.6	8.5	5.2	4.5
2015 Q3	5.1	-5.6	-9.2	1.6	2.1	-0.9	2.0	-10.3	-4.4	0.6	6.8	4.1	2.0
2015 Q4	9.2	-9.6	-13.1	4.4	5.8	5.4	4.8	14.1	7.0	3.2	6.2	0.0	4.8
2016 Q1	5.6	-9.8	-8.5	-16.0	7.6	28.5	3.4	-1.6	5.2	5.2	1.8	4.7	3.4
2016 Q2	7.6	5.4	11.7	52.6	-0.2	-2.0	5.2	32.1	10.7	0.9	3.2	0.9	5.2
2016 Q3	8.1	11.5	1.5	-2.6	2.2	-3.7	6.3	75.6	6.9	2.2	2.1	1.6	6.3
2016 Q4	-3.2	10.2	5.6	4.2	3.8	-2.1	0.1	2.2	-5.1	4.0	-1.5	2.3	0.1
2017 Q1	1.7	4.8	3.3	1.8	7.1	-28.0	1.1	-7.6	8.3	6.2	-1.9	-1.3	1.1
2017 Q2	1.7	6.4	5.4	6.9	6.5	-25.7	1.3	0.4	13.8	6.4	-6.5	-0.2	1.3
2017 Q3	2.1	1.5	5.8	11.9	6.0	-25.4	0.8	-16.8	12.2	6.0	-3.3	0.2	0.8
2017 Q4	6.1	2.7	-19.3	3.0	11.8	-29.5	3.3	-13.5	16.9	8.2	-2.1	2.0	3.3
2018 Q1	-0.4	1.4	-39.3	-1.8	12.2	-7.3	0.7	-15.2	-0.4	4.9	-2.0	6.7	0.7
2018 Q2	-3.0	-1.7	-59.0	-6.5	12.3	-6.3	-1.3	-28.6	-7.6	5.0	-2.2	9.0	-1.3
2018 Q3	-2.1	5.7	-50.9	-4.8	11.1	-2.1	0.3	-35.5	-1.2	3.9	0.6	8.3	0.3
2018 Q4	-0.9	2.8	-40.4	-2.9	4.4	-0.4	0.0	-22.4	-1.8	0.5	0.4	6.0	0.0
2019 Q1	3.1	8.6	-6.9	-3.0	2.2	1.9	3.8	-21.8	5.7	1.5	7.7	4.2	3.8
2019 Q2	2.6	2.2	-9.7	-3.4	1.0	-2.1	1.8	21.8	-12.7	0.5	8.5	-0.2	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.

G8 Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (reference year = 2016)

	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	135 000	23 880	3 637	628	64 315	11 119	235 225	12 391	36 232	67 197	85 314	40 731	235 225
1998	149 065	26 092	3 512	497	62 759	11 189	253 270	14 295	39 367	65 531	92 705	44 872	253 270
1999	150 138	26 711	3 142	682	65 099	13 683	258 959	14 534	41 275	67 498	95 181	44 346	258 959
2000	157 747	26 432	2 789	606	67 781	14 587	270 250	13 392	46 975	69 809	93 800	47 874	270 250
2001	158 254	30 378	4 493	1 000	67 141	15 484	276 544	15 945	46 788	71 076	96 631	47 664	276 544
2002	157 144	32 832	5 099	1 437	76 026	16 788	286 238	17 152	49 276	80 447	93 296	48 227	286 238
2003	157 459	36 654	5 864	1 730	78 309	16 711	293 164	16 020	48 002	83 634	95 569	52 215	293 164
2004	149 923	42 878	4 944	1 958	84 041	19 355	297 171	15 266	48 198	88 216	97 008	53 370	297 171
2005	178 295	26 145	4 984	1 539	83 237	19 871	311 676	15 255	53 052	87 349	101 975	57 118	311 676
2006	169 800	44 800	5 214	1 745	79 758	24 111	322 545	18 393	56 027	84 118	109 414	56 902	322 545
2007	181 612	45 450	4 692	1 495	78 655	24 795	334 580	17 767	60 101	82 453	116 493	58 989	334 580
2008	171 152	53 813	7 282	969	65 335	19 990	316 961	15 049	57 621	72 240	111 863	61 427	316 961
2009	144 408	58 720	9 660	639	47 535	17 142	277 612	14 794	44 981	57 389	99 247	61 077	277 612
2010	148 840	59 887	9 563	677	50 861	18 249	287 482	18 085	44 983	60 543	97 933	65 468	287 482
2011	149 344	56 041	8 962	528	52 477	17 635	284 408	10 587	48 141	61 495	98 957	65 806	284 408
2012	159 477	51 844	8 129	467	51 711	18 492	290 011	11 039	50 097	60 000	101 878	67 369	290 011
2013	164 697	49 858	7 541	541	55 894	21 543	300 057	11 202	50 747	63 419	106 607	68 707	300 057
2014	175 261	53 619	8 644	671	57 307	24 347	319 839	16 845	54 540	65 955	112 007	70 655	319 839
2015	187 913	51 221	8 260	694	59 021	24 480	331 619	20 137	53 965	67 280	118 414	71 919	331 619
2016	195 977	52 418	8 362	725	60 903	25 310	343 694	24 623	56 102	69 319	120 020	73 629	343 694
2017	201 708	54 433	8 250	768	65 719	18 428	349 306	22 332	63 289	73 969	115 956	73 760	349 306
2018	198 489	55 568	4 370	737	72 188	17 703	349 055	16 574	61 585	76 559	115 070	79 267	349 055

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	10.4	9.3	-3.4	-20.9	-2.4	0.6	7.7	15.4	8.7	-2.5	8.7	10.2	7.7
1999	0.7	2.4	-10.5	37.2	3.7	22.3	2.2	1.7	4.8	3.0	2.7	-1.2	2.2
2000	5.1	-1.0	-11.2	-11.1	4.1	6.6	4.4	-7.9	13.8	3.4	-1.5	8.0	4.4
2001	0.3	14.9	61.1	65.0	-0.9	6.1	2.3	19.1	-0.4	1.8	3.0	-0.4	2.3
2002	-0.7	8.1	13.5	43.7	13.2	8.4	3.5	7.6	5.3	13.2	-3.5	1.2	3.5
2003	0.2	11.6	15.0	20.4	3.0	-0.5	2.4	-6.6	-2.6	4.0	2.4	8.3	2.4
2004	-4.8	17.0	-15.7	13.2	7.3	15.8	1.4	-4.7	0.4	5.5	1.5	2.2	1.4
2005	18.9	-39.0	0.8	-21.4	-1.0	2.7	4.9	-0.1	10.1	-1.0	5.1	7.0	4.9
2006	-4.8	71.4	4.6	13.4	-4.2	21.3	3.5	20.6	5.6	-3.7	7.3	-0.4	3.5
2007	7.0	1.5	-10.0	-14.3	-1.4	2.8	3.7	-3.4	7.3	-2.0	6.5	3.7	3.7
2008	-5.8	18.4	55.2	-35.2	-16.9	-19.4	-5.3	-15.3	-4.1	-12.4	-4.0	4.1	-5.3
2009	-15.6	9.1	32.7	-34.1	-27.2	-14.2	-12.4	-1.7	-21.9	-20.6	-11.3	-0.6	-12.4
2010	3.1	2.0	-1.0	5.9	7.0	6.5	3.6	22.2	0.0	5.5	-1.3	7.2	3.6
2011	0.3	-6.4	-6.3	-22.0	3.2	-3.4	-1.1	-41.5	7.0	1.6	1.0	0.5	-1.1
2012	6.8	-7.5	-9.3	-11.6	-1.5	4.9	2.0	4.3	4.1	-2.4	3.0	2.4	2.0
2013	3.3	-3.8	-7.2	15.8	8.1	16.5	3.5	1.5	1.3	5.7	4.6	2.0	3.5
2014	6.4	7.5	14.6	24.0	2.5	13.0	6.6	50.4	7.5	4.0	5.1	2.8	6.6
2015	7.2	-4.5	-4.4	3.4	3.0	0.5	3.7	19.5	-1.1	2.0	5.7	1.8	3.7
2016	4.3	2.3	1.2	4.5	3.2	3.4	3.6	22.3	4.0	3.0	1.4	2.4	3.6
2017	2.9	3.8	-1.3	5.9	7.9	-27.2	1.6	-9.3	12.8	6.7	-3.4	0.2	1.6
2018	-1.6	2.1	-47.0	-4.0	9.8	-3.9	-0.1	-25.8	-2.7	3.5	-0.8	7.5	-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.

G9 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	26 071	3 889	556	112	6 171	1 697	38 496	3 176	9 825	6 727	11 240	7 527	38 496
1997 Q2	27 456	3 526	377	140	6 107	2 074	39 680	3 095	10 089	6 482	12 355	7 659	39 680
1997 Q3	28 443	4 004	346	104	6 348	1 744	40 989	3 274	10 677	6 695	12 461	7 883	40 989
1997 Q4	29 482	4 014	344	95	6 935	2 042	42 913	3 152	10 874	7 280	13 430	8 177	42 913
1998 Q1	30 185	4 105	379	84	6 467	1 727	42 948	3 807	10 410	6 846	13 481	8 404	42 948
1998 Q2	30 004	4 233	403	91	6 661	1 998	43 392	3 313	10 671	7 063	13 743	8 602	43 392
1998 Q3	29 933	4 242	446	110	6 524	2 210	43 466	3 265	10 072	6 970	14 417	8 741	43 466
1998 Q4	30 928	4 497	403	84	6 758	1 961	44 632	3 713	10 417	7 162	14 465	8 874	44 632
1999 Q1	30 764	4 489	355	127	6 762	2 321	44 818	3 827	10 619	7 116	14 448	8 807	44 818
1999 Q2	30 340	4 458	447	100	7 179	2 169	44 693	3 473	10 572	7 633	14 239	8 775	44 693
1999 Q3	31 458	4 461	316	144	7 421	2 609	46 408	3 678	11 027	7 747	15 072	8 884	46 408
1999 Q4	30 882	4 467	411	151	7 468	2 906	46 285	3 758	10 143	7 892	15 556	8 936	46 285
2000 Q1	32 299	4 491	279	121	7 951	3 067	48 208	3 220	11 490	8 242	16 026	9 230	48 208
2000 Q2	34 798	4 486	354	145	7 937	3 193	50 913	3 289	14 549	8 306	15 280	9 489	50 913
2000 Q3	31 764	4 414	391	97	7 898	1 964	46 528	3 074	11 043	8 302	14 682	9 426	46 528
2000 Q4	33 515	4 893	397	115	7 825	2 839	49 584	3 746	11 903	8 240	16 178	9 517	49 584
2001 Q1	34 022	4 470	512	197	7 983	2 904	50 088	3 207	12 535	8 519	16 381	9 445	50 088
2001 Q2	34 548	5 151	606	191	8 040	3 092	51 628	4 311	11 870	8 663	17 220	9 563	51 628
2001 Q3	33 365	5 854	626	216	8 350	3 169	51 578	4 161	12 044	8 999	16 780	9 594	51 578
2001 Q4	32 123	6 291	643	208	8 460	2 910	50 636	3 574	12 334	9 129	15 983	9 617	50 636
2002 Q1	32 266	5 568	729	236	8 791	3 046	50 637	3 715	11 891	9 538	15 842	9 650	50 637
2002 Q2	33 196	4 529	597	241	9 436	3 201	51 199	4 130	11 426	10 054	15 872	9 716	51 199
2002 Q3	33 029	6 731	634	255	9 985	3 510	54 145	4 188	12 452	10 640	16 770	10 095	54 145
2002 Q4	34 478	6 931	877	464	10 744	3 631	57 125	4 332	12 593	11 644	18 338	10 218	57 125
2003 Q1	34 542	6 688	1 115	437	10 063	3 230	56 075	3 964	12 219	11 200	18 230	10 461	56 075
2003 Q2	32 484	6 028	754	346	10 705	3 300	53 618	3 404	10 945	11 529	17 108	10 632	53 618
2003 Q3	31 795	6 841	829	340	11 132	3 366	54 304	3 956	11 020	11 991	16 675	10 661	54 304
2003 Q4	32 274	6 728	811	350	11 802	3 605	55 570	3 790	10 539	12 651	17 980	10 610	55 570
2004 Q1	32 790	7 078	760	375	12 338	4 254	57 594	3 593	11 165	13 134	19 053	10 649	57 594
2004 Q2	30 595	7 893	828	510	12 205	4 308	56 340	3 699	10 937	13 061	17 773	10 869	56 340
2004 Q3	30 783	8 342	806	432	12 786	3 955	57 104	3 588	10 757	13 618	18 128	11 013	57 104
2004 Q4	30 832	8 538	841	403	13 038	3 594	57 246	3 417	10 950	13 905	18 013	10 961	57 246
2005 Q1	30 928	10 043	787	253	13 138	3 634	58 783	3 326	11 311	13 948	18 684	11 513	58 783
2005 Q2	49 209	- 8 211	873	330	13 548	4 039	59 788	3 268	11 343	14 430	19 038	11 708	59 788
2005 Q3	32 706	9 361	944	403	13 721	4 442	61 577	3 401	11 186	14 672	20 593	11 725	61 577
2005 Q4	33 386	9 104	970	424	13 691	5 160	62 735	3 681	11 457	14 669	21 020	11 908	62 735
2006 Q1	34 059	8 687	1 125	483	13 941	5 671	63 967	4 044	11 661	15 065	21 439	11 758	63 967
2006 Q2	34 780	8 890	900	369	14 005	5 242	64 187	3 665	11 819	14 907	21 986	11 810	64 187
2006 Q3	36 434	9 501	1 028	405	13 824	5 268	66 460	4 326	11 933	14 857	23 257	12 088	66 460
2006 Q4	36 496	9 385	994	402	13 964	5 651	66 892	4 446	11 730	14 962	23 527	12 226	66 892
2007 Q1	37 630	8 261	1 028	424	14 624	5 690	67 655	4 191	12 166	15 647	22 989	12 662	67 655
2007 Q2	39 331	9 563	946	366	14 670	5 636	70 512	4 380	11 815	15 618	25 894	12 806	70 512
2007 Q3	36 821	9 402	951	372	14 293	6 178	68 017	3 980	12 057	15 245	23 952	12 782	68 017
2007 Q4	40 513	11 288	971	320	14 559	5 843	73 493	3 812	12 804	15 535	28 055	13 287	73 493
2008 Q1	37 676	11 114	1 059	316	14 562	5 633	70 360	3 317	11 979	15 628	25 705	13 732	70 360
2008 Q2	39 467	11 191	1 002	294	14 147	5 905	72 005	3 855	12 678	15 152	26 356	13 963	72 005
2008 Q3	37 824	11 879	2 231	198	11 804	3 926	67 862	3 608	12 157	14 035	24 051	14 011	67 862
2008 Q4	37 399	12 671	2 244	144	11 506	3 098	67 061	3 961	11 829	13 754	23 333	14 184	67 061
2009 Q1	34 439	12 609	2 238	114	10 518	3 402	63 321	3 271	11 191	12 755	22 127	13 977	63 321
2009 Q2	33 049	11 895	2 173	138	9 883	3 863	61 001	4 021	9 855	12 100	21 084	13 942	61 001
2009 Q3	32 159	13 345	2 203	162	9 853	3 949	61 672	3 780	10 147	12 015	21 502	14 227	61 672
2009 Q4	31 825	12 882	2 230	175	9 040	4 064	60 217	3 459	9 745	11 271	21 493	14 250	60 217
2010 Q1	33 004	12 691	2 193	145	9 604	3 565	61 203	3 882	9 729	11 792	21 036	14 763	61 203
2010 Q2	32 352	12 574	2 167	161	10 550	4 185	61 988	3 621	10 326	12 718	20 213	15 110	61 988
2010 Q3	33 639	12 741	2 147	167	11 105	4 514	64 313	4 378	10 583	13 253	20 930	15 168	64 313
2010 Q4	35 783	12 530	2 093	153	11 006	4 118	65 683	6 238	10 858	13 098	20 111	15 377	65 683
2011 Q1	32 997	12 926	2 099	141	10 857	4 158	63 178	2 576	10 993	12 963	21 274	15 371	63 178
2011 Q2	33 815	11 703	2 066	122	11 035	3 973	62 713	2 712	11 164	13 101	20 556	15 181	62 713
2011 Q3	34 979	12 028	1 977	116	11 124	3 797	64 022	2 550	11 612	13 101	21 057	15 702	64 022
2011 Q4	36 614	11 630	1 939	118	11 507	4 100	65 909	3 306	12 120	13 431	21 314	15 737	65 909
2012 Q1	37 133	11 950	1 894	112	11 588	4 239	66 919	3 761	12 230	13 471	21 642	15 816	66 919
2012 Q2	35 886	12 090	1 909	111	11 146	4 207	65 348	2 163	11 763	13 103	22 424	15 895	65 348
2012 Q3	36 318	10 951	1 843	113	11 178	4 147	64 550	2 029	11 522	13 063	22 078	15 858	64 550
2012 Q4	39 554	11 164	1 808	110	11 621	4 361	68 619	3 192	12 204	13 466	23 401	16 355	68 619
2013 Q1	37 418	10 492	1 725	128	11 716	4 604	66 084	2 182	11 924	13 441	21 968	16 569	66 084
2013 Q2	38 700	11 189	1 792	116	12 818	4 712	69 328	2 587	11 563	14 610	23 885	16 683	69 328
2013 Q3	39 737	11 773	1 765	133	13 106	5 116	71 630	3 238	12 194	14 871	24 769	16 559	71 630
2013 Q4	39 811	12 205	1 753	144	13 187	5 423	72 522	3 315	12 146	14 940	25 491	16 630	72 522
2014 Q1	40 376	13 606	1 791	162	13 612	5 300	74 845	3 457	12 392	15 403	26 269	17 324	74 845
2014 Q2	41 842	11 762	2 112	157	13 380	5 886	75 140	4 290	12 794	15 493	25 593	16 971	75 140
2014 Q3	41 881	12 552	2 175	169	13 885	5 857	76 520	4 441	12 905	16 061	26 135	16 977	76 520
2014 Q4	43 397	12 985	2 221	167	13 667	5 764	78 202	4 542	12 945	15 889	27 162	17 663	78 202
2015 Q1	45 255	13 631	2 205	185	13 780	5 211	80 266	6 323	12 681	15 985	28 170	17 107	80 266
2015 Q2	45 699	12 947	1 927	150	14 846	5 735	81 305	4 478	12 711	16 773	29 481	17 861	81 305
2015 Q3	45 586	12 313	2 019	176	14 677	5 898	80 669	3 930	12 862	16 697	29 508	17 672	80 669
2015 Q4	47 036	12 267	1 979	175	14 780	6 146	82 381	5 471	13 706	16 759	28 762	17 684	82 381
2016 Q1	47 838	12 139	2 028	156	14 944	6 781	83 882	6 215	13 777	17 022	28 597	18 272	83 882
2016 Q2	48 768	13 225	2 113	221	15 015	6 116	85 457	5 945	14 150	17 128	29 840	18 394	85 457
2016 Q3	49 931	13 679	2 086	169	15 312	6 074	87 250	7 068	14 089	17 401	30 255	18 437	87 250
2016 Q4	49 436	13 375	2 135	179	15 633	6 345	87 102	5 395	14 086	17 768	31 326	18 527	87 102
2017 Q1	50 752	13 429	2 187	168	16 591	4 647	87 774	5 523	16 102	18 777	29 266	18 106	87 774
2017 Q2	51 268	13 910	2 285	218	16 850	4 594	89 125	5 852	16 985	19 135	28 896	18 257	89 125
2017 Q3	51 562	13 790	2 195	196	17 317	4 626	89 686	5 696	16 356	19 512	29 619	18 503	89 686
2017 Q4	51 363	14 161	1 797	191	18 433	4 550	90 495	4 993	16 885	20 231	29 509	18 877	90 495
2018 Q1	51 498	13 799	1 224	176	18 654	4 546	89 897	5 112	16 170	19 878	29 227	19 510	89 897
2018 Q2	51 393	13 952	1 188	206	19 404	4 487	90 630	4 535	16 058	20 592	29 390	20 055	90 630
2018 Q3	50 950	14 829	1 098	191	19 696	4 487	91 251	3 967	15 956	20 795	30 402	20 131	91 251
2018 Q4	50 875	14 986	1 112	186	19 756	4 490	91 405	4 110	15 842	20 869	30 681	19 903	91 405
2019 Q1	51 888	15 986	1 146	177	20 019	4 486	93 702	3 877	15 480	21 164	32 880	20 301	93 702
2019 Q2	52 049	15 100	1 129	197	19 970	4 453	92 898	4 884	13 344	21 101	33 392	20 177	92 898

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G10 Gross Fixed Capital Formation by sector and type of asset

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

£ million

	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	5.3	-9.3	-32.2	25.0	-1.0	22.2	3.1	-2.6	2.7	-3.6	9.9	1.8	3.1
1997 Q3	3.6	13.6	-8.2	-25.7	3.9	-15.9	3.3	5.8	5.8	3.3	0.9	2.9	3.3
1997 Q4	3.7	0.2	-0.6	-8.7	9.2	17.1	4.7	-3.7	1.8	8.7	7.8	3.7	4.7
1998 Q1	2.4	2.3	10.2	-11.6	-6.7	-15.4	0.1	20.8	-4.3	-6.0	0.4	2.8	0.1
1998 Q2	-0.6	3.1	6.3	8.3	3.0	15.7	1.0	-13.0	2.5	3.2	1.9	2.4	1.0
1998 Q3	-0.2	0.2	10.7	20.9	-2.1	10.6	0.2	-1.4	-5.6	-1.3	4.9	1.6	0.2
1998 Q4	3.3	6.0	-9.6	-23.6	3.6	-11.3	2.7	13.7	3.4	2.8	0.3	1.5	2.7
1999 Q1	-0.5	-0.2	-11.9	51.2	0.1	18.4	0.4	3.1	1.9	-0.6	-0.1	-0.8	0.4
1999 Q2	-1.4	-0.7	25.9	-21.3	6.2	-6.5	-0.3	-9.3	-0.4	7.3	-1.4	-0.4	-0.3
1999 Q3	3.7	0.1	-29.3	44.0	3.4	20.3	3.8	5.9	4.3	1.5	5.9	1.2	3.8
1999 Q4	-1.8	0.1	30.1	4.9	0.6	11.4	-0.3	2.2	-8.0	1.9	3.2	0.6	-0.3
2000 Q1	4.6	0.5	-32.1	-19.9	6.5	5.5	4.2	-14.3	13.3	4.4	3.0	3.3	4.2
2000 Q2	7.7	-0.1	26.9	19.8	-0.2	4.1	5.6	2.1	26.6	0.8	-4.7	2.8	5.6
2000 Q3	-8.7	-1.6	10.5	-33.1	-0.5	-38.5	-8.6	-6.5	-24.1	0.0	-3.9	-0.7	-8.6
2000 Q4	5.5	10.9	1.5	18.6	-0.9	44.6	6.6	21.9	7.8	-0.7	10.2	1.0	6.6
2001 Q1	1.5	-8.6	29.0	71.3	2.0	2.3	1.0	-14.4	5.3	3.4	1.3	-0.8	1.0
2001 Q2	1.5	15.2	18.4	-3.0	0.7	6.5	3.1	34.4	-5.3	1.7	5.1	1.2	3.1
2001 Q3	-3.4	13.6	3.3	13.1	3.9	2.5	-0.1	-3.5	1.5	3.9	-2.6	0.3	-0.1
2001 Q4	-3.7	7.5	2.7	-3.7	1.3	-8.2	-1.8	-14.1	2.4	1.4	-4.7	0.2	-1.8
2002 Q1	0.4	-11.5	13.4	13.5	3.9	4.7	0.0	3.9	-3.6	4.5	-0.9	0.3	0.0
2002 Q2	2.9	-18.7	-18.1	2.1	7.3	5.1	1.1	11.2	-3.9	5.4	0.2	0.7	1.1
2002 Q3	-0.5	48.6	6.2	5.8	5.8	9.7	5.8	1.4	9.0	5.8	5.7	3.9	5.8
2002 Q4	4.4	3.0	38.3	82.0	7.6	3.4	5.5	3.4	1.1	9.4	9.4	1.2	5.5
2003 Q1	0.2	-3.5	27.1	-5.8	-6.3	-11.0	-1.8	-8.5	-3.0	-3.8	-0.6	2.4	-1.8
2003 Q2	-6.0	-9.9	-32.4	-20.8	6.4	2.2	-4.4	-14.1	-10.4	2.9	-6.2	1.6	-4.4
2003 Q3	-2.1	13.5	9.9	-1.7	4.0	2.0	1.3	16.2	0.7	4.0	-2.5	0.3	1.3
2003 Q4	1.5	-1.7	-2.2	2.9	6.0	7.1	2.3	-4.2	-4.4	5.5	7.8	-0.5	2.3
2004 Q1	1.6	5.2	-6.3	7.1	4.5	18.0	3.6	-5.2	5.9	3.8	6.0	0.4	3.6
2004 Q2	-6.7	11.5	8.9	36.0	-1.1	1.3	-2.2	3.0	-2.0	-0.6	-6.7	2.1	-2.2
2004 Q3	0.6	5.7	-2.7	-15.3	4.8	-8.2	1.4	-3.0	-1.6	4.3	2.0	1.3	1.4
2004 Q4	0.2	2.3	4.3	-6.7	2.0	-9.1	0.2	-4.8	1.8	2.1	-0.6	-0.5	0.2
2005 Q1	0.3	17.6	-6.4	-37.2	0.8	1.1	2.7	-2.7	3.3	0.3	3.7	5.0	2.7
2005 Q2	59.1	-181.8	10.9	30.4	3.1	11.1	1.7	-1.7	0.3	3.5	1.9	1.7	1.7
2005 Q3	-33.5	-214.0	8.1	22.1	1.3	10.0	3.0	4.1	-1.4	1.7	8.2	0.1	3.0
2005 Q4	2.1	-2.7	2.8	5.2	-0.2	16.2	1.9	8.2	2.4	0.0	2.1	1.6	1.9
2006 Q1	2.0	-4.6	16.0	13.9	1.8	9.9	2.0	9.9	1.8	2.7	2.0	-1.3	2.0
2006 Q2	2.1	2.3	-20.0	-23.6	0.5	-7.6	0.3	-9.4	1.4	-1.0	2.6	0.4	0.3
2006 Q3	4.8	6.9	14.2	9.8	-1.3	0.5	3.5	18.0	1.0	-0.3	5.8	2.4	3.5
2006 Q4	0.2	-1.2	-3.3	-0.7	1.0	7.3	0.7	2.8	-1.7	0.7	1.2	1.1	0.7
2007 Q1	3.1	-12.0	3.4	5.5	4.7	0.7	1.1	-5.7	3.7	4.6	-2.3	3.6	1.1
2007 Q2	4.5	15.8	-8.0	-13.7	0.3	-0.9	4.2	4.5	-2.9	-0.2	12.6	1.1	4.2
2007 Q3	-6.4	-1.7	0.5	1.6	-2.6	9.6	-3.5	-9.1	2.0	-2.4	-7.5	-0.2	-3.5
2007 Q4	10.0	20.1	2.1	-14.0	1.9	-5.4	8.1	-4.2	6.2	1.9	17.1	4.0	8.1
2008 Q1	-7.0	-1.5	9.1	-1.3	0.0	-3.6	-4.3	-13.0	-6.4	0.6	-8.4	3.3	-4.3
2008 Q2	4.8	0.7	-5.4	-7.0	-2.8	4.8	2.3	16.2	5.8	-3.0	2.5	1.7	2.3
2008 Q3	-4.2	6.1	122.7	-32.7	-16.6	-33.5	-5.8	-6.4	-4.1	-7.4	-8.7	0.3	-5.8
2008 Q4	-1.1	6.7	0.6	-27.3	-2.5	-21.1	-1.2	9.8	-2.7	-2.0	-3.0	1.2	-1.2
2009 Q1	-7.9	-0.5	-0.3	-20.8	-8.6	9.8	-5.6	-17.4	-5.4	-7.3	-5.2	-1.5	-5.6
2009 Q2	-4.0	-5.7	-2.9	21.1	-6.0	13.6	-3.7	22.9	-11.9	-5.1	-4.7	-0.3	-3.7
2009 Q3	-2.7	12.2	1.4	17.4	-0.3	2.2	1.1	-6.0	3.0	-0.7	2.0	2.0	1.1
2009 Q4	-1.0	-3.5	1.2	8.0	-8.3	2.9	-2.4	-8.5	-4.0	-6.2	0.0	0.2	-2.4
2010 Q1	3.7	-1.5	-1.7	-17.1	6.2	-12.3	1.6	12.2	-0.2	4.6	-2.1	3.6	1.6
2010 Q2	-2.0	-0.9	-1.2	11.0	9.9	17.4	1.3	-6.7	6.1	7.9	-3.9	2.4	1.3
2010 Q3	4.0	1.3	-0.9	3.7	5.3	7.9	3.8	20.9	2.5	4.2	3.5	0.4	3.8
2010 Q4	6.4	-1.7	-2.5	-8.4	-0.9	-8.8	2.1	42.5	2.6	-1.2	-3.9	1.4	2.1
2011 Q1	-7.8	3.2	0.3	-7.8	-1.4	1.0	-3.8	-58.7	1.2	-1.0	5.8	0.0	-3.8
2011 Q2	2.5	-9.5	-1.6	-13.5	1.6	-4.4	-0.7	5.3	1.6	1.1	-3.4	-1.2	-0.7
2011 Q3	3.4	2.8	-4.3	-4.9	0.8	-4.4	2.1	-6.0	4.0	0.0	2.4	3.4	2.1
2011 Q4	4.7	-3.3	-1.9	1.7	3.4	8.0	2.9	29.6	4.4	2.5	1.2	0.2	2.9
2012 Q1	1.4	2.8	-2.3	-5.1	0.7	3.4	1.5	13.8	0.9	0.3	1.5	0.5	1.5
2012 Q2	-3.4	1.2	0.8	-0.9	-3.8	-0.8	-2.3	-42.5	-3.8	-2.7	3.6	0.5	-2.3
2012 Q3	1.2	-9.4	-3.5	1.8	0.3	-1.4	-1.2	-6.2	-2.0	-0.3	-1.5	-0.2	-1.2
2012 Q4	8.9	1.9	-1.9	-2.7	4.0	5.2	6.3	57.3	5.9	3.1	6.0	3.1	6.3
2013 Q1	-5.4	-6.0	-4.6	16.4	0.8	5.6	-3.7	-31.6	-2.3	-0.2	-6.1	1.3	-3.7
2013 Q2	3.4	6.6	3.9	-9.4	9.4	2.3	4.9	18.6	-3.0	8.7	8.7	0.7	4.9
2013 Q3	2.7	5.2	-1.5	14.7	2.2	8.6	3.3	25.2	5.5	1.8	3.7	-0.7	3.3
2013 Q4	0.2	3.7	-0.7	8.3	0.6	6.0	1.2	2.4	-0.4	0.5	2.9	0.4	1.2
2014 Q1	1.4	11.5	2.2	12.5	3.2	-2.3	3.2	4.3	2.0	3.1	3.1	4.2	3.2
2014 Q2	3.6	-13.6	17.9	-3.1	-1.7	11.1	0.4	24.1	3.2	0.6	-2.6	-2.0	0.4
2014 Q3	0.1	6.7	3.0	7.6	3.8	-0.5	1.8	3.5	0.9	3.7	2.1	0.0	1.8
2014 Q4	3.6	3.4	2.1	-1.2	-1.6	-1.6	2.2	2.3	0.3	-1.1	3.9	4.0	2.2
2015 Q1	4.3	5.0	-0.7	10.8	0.8	-9.6	2.6	39.2	-2.0	0.6	3.7	-3.1	2.6
2015 Q2	1.0	-5.0	-12.6	-18.9	7.7	10.1	1.3	-29.2	0.2	4.9	4.7	4.4	1.3
2015 Q3	-0.2	-4.9	4.8	17.3	-1.1	2.8	-0.8	-12.2	1.2	-0.5	0.1	-1.1	-0.8
2015 Q4	3.2	-0.4	-2.0	-0.6	0.7	4.2	2.1	39.2	6.6	0.4	-2.5	0.1	2.1
2016 Q1	1.7	-1.0	2.5	-10.9	1.1	10.3	1.8	13.6	0.5	1.6	-0.6	3.3	1.8
2016 Q2	1.9	8.9	4.2	41.7	0.5	-9.8	1.9	-4.3	2.7	0.6	4.3	0.7	1.9
2016 Q3	2.4	3.4	-1.3	-23.5	2.0	-0.7	2.1	18.9	-0.4	1.6	1.4	0.2	2.1
2016 Q4	-1.0	-2.2	2.3	5.9	2.1	4.5	-0.2	-23.7	0.0	2.1	3.5	0.5	-0.2
2017 Q1	2.7	0.4	2.4	-6.1	6.1	-26.8	0.8	2.4	14.3	5.7	-6.6	-2.3	0.8
2017 Q2	1.0	3.6	4.5	29.8	1.6	-1.1	1.5	6.0	5.5	1.9	-1.3	0.8	1.5
2017 Q3	0.6	-0.9	-3.9	-10.1	2.8	0.7	0.6	-2.7	-3.7	2.0	2.5	1.3	0.6
2017 Q4	-0.4	2.7	-18.1	-2.6	6.4	-1.6	0.9	-12.3	3.2	3.7	-0.4	2.0	0.9
2018 Q1	0.3	-2.6	-31.9	-7.9	1.2	-0.1	-0.7	2.4	-4.2	-1.7	-1.0	3.4	-0.7
2018 Q2	-0.2	1.1	-2.9	17.0	4.0	-1.3	0.8	-11.3	-0.7	3.6	0.6	2.8	0.8
2018 Q3	-0.9	6.3	-7.6	-7.3	1.5	0.0	0.7	-12.5	-0.6	1.0	3.4	0.4	0.7
2018 Q4	-0.1	1.1	1.3	-2.6	0.3	0.1	0.2	3.6	-0.7	0.4	0.9	-1.1	0.2
2019 Q1	2.0	6.7	3.1	-4.8	1.3	-0.1	2.5	-5.7	-2.3	1.4	7.2	2.0	2.5
2019 Q2	0.3	-5.5	-1.5	11.3	-0.2	-0.7	-0.9	26.0	-13.8	-0.3	1.6	-0.6	-0.9

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G11 Gross Fixed Capital Formation by sector and type of asset

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

£ million

	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	15.8	5.6	-31.8	-25.0	4.8	1.8	11.6	19.9	6.0	1.8	19.9	11.7	11.6
1998 Q2	9.3	20.1	6.9	-35.0	9.1	-3.7	9.4	7.0	5.8	9.0	11.2	12.3	9.4
1998 Q3	5.2	5.9	28.9	5.8	2.8	26.7	6.0	-0.3	-5.7	4.1	15.7	10.9	6.0
1998 Q4	4.9	12.0	17.2	-11.6	-2.6	-4.0	4.0	17.8	-4.2	-1.6	7.7	8.5	4.0
1999 Q1	1.9	9.4	-6.3	51.2	4.6	34.4	4.4	0.5	2.0	3.9	7.2	4.8	4.4
1999 Q2	1.1	5.3	10.9	9.9	7.8	8.6	3.0	4.8	-0.9	8.1	3.6	2.0	3.0
1999 Q3	5.1	5.2	-29.1	30.9	13.7	18.1	6.8	12.6	9.5	11.1	4.5	1.6	6.8
1999 Q4	-0.1	-0.7	2.0	79.8	10.5	48.2	3.7	1.2	-2.6	10.2	7.5	0.7	3.7
2000 Q1	5.0	0.0	-21.4	-4.7	17.6	32.1	7.6	-15.9	8.2	15.8	10.9	4.8	7.6
2000 Q2	14.7	0.6	-20.8	45.0	10.6	47.2	13.9	-5.3	37.6	8.8	7.3	8.1	13.9
2000 Q3	1.0	-1.1	23.7	-32.6	6.4	-24.7	0.3	-16.4	0.1	7.2	-2.6	6.1	0.3
2000 Q4	8.5	9.5	-3.4	-23.8	4.8	-2.3	7.1	-0.3	17.4	4.4	4.0	6.5	7.1
2001 Q1	5.3	-0.5	83.5	62.8	0.4	-5.3	3.9	-0.4	9.1	3.4	2.2	2.3	3.9
2001 Q2	-0.7	14.8	71.2	31.7	1.3	-3.2	1.4	31.1	-18.4	4.3	12.7	0.8	1.4
2001 Q3	5.0	32.6	60.1	122.7	5.7	61.4	10.9	35.4	9.1	8.4	14.3	1.8	10.9
2001 Q4	-4.2	28.6	62.0	80.9	8.1	2.5	2.1	-4.6	3.6	10.8	-1.2	1.1	2.1
2002 Q1	-5.2	24.6	42.4	19.8	10.1	4.9	1.1	15.8	-5.1	12.0	-3.3	2.2	1.1
2002 Q2	-3.9	-12.1	-1.5	26.2	17.4	3.5	-0.8	-4.2	-3.7	16.1	-7.8	1.6	-0.8
2002 Q3	-1.0	15.0	1.3	18.1	19.6	10.8	5.0	0.6	3.4	18.2	-0.1	5.2	5.0
2002 Q4	7.3	10.2	36.4	123.1	27.0	24.8	12.8	21.2	2.1	27.5	14.7	6.2	12.8
2003 Q1	7.1	20.1	52.9	85.2	14.5	6.0	10.7	6.7	2.8	17.4	15.1	8.4	10.7
2003 Q2	-2.1	33.1	26.3	43.6	13.4	3.1	4.7	-17.6	-4.2	14.7	7.8	9.4	4.7
2003 Q3	-3.7	1.6	30.8	33.3	11.5	-4.1	0.3	-5.5	-11.5	12.7	-0.6	5.6	0.3
2003 Q4	-6.4	-2.9	-7.5	-24.6	9.8	-0.7	-2.7	-12.5	-16.3	8.6	-2.0	3.8	-2.7
2004 Q1	-5.1	5.8	-31.8	-14.2	22.6	31.7	2.7	-9.4	-8.6	17.3	4.5	1.8	2.7
2004 Q2	-5.8	30.9	9.8	47.4	14.0	30.5	5.1	8.7	-0.1	13.3	3.9	2.2	5.1
2004 Q3	-3.2	21.9	-2.8	27.1	14.9	17.5	5.2	-9.3	-2.4	13.6	8.7	3.3	5.2
2004 Q4	-4.5	26.9	3.7	15.1	10.5	-0.3	3.0	-9.8	3.9	9.9	0.2	3.3	3.0
2005 Q1	-5.7	41.9	3.6	-32.5	6.5	-14.6	2.1	-7.4	1.3	6.2	-1.9	8.1	2.1
2005 Q2	60.8	-204.0	5.4	-35.3	11.0	-6.2	6.1	-11.7	3.7	10.5	7.1	7.7	6.1
2005 Q3	6.2	12.2	17.1	-6.7	7.3	12.3	7.8	-5.2	4.0	7.7	13.6	6.5	7.8
2005 Q4	8.3	6.6	15.3	5.2	5.0	43.6	9.6	7.7	4.6	5.5	16.7	8.6	9.6
2006 Q1	10.1	-13.5	42.9	90.9	6.1	56.1	8.8	21.6	3.1	8.0	14.7	2.1	8.8
2006 Q2	-29.3	-208.3	3.1	11.8	3.4	29.8	7.4	12.1	4.2	3.3	15.5	0.9	7.4
2006 Q3	11.4	1.5	8.9	0.5	0.8	18.6	7.9	27.2	6.7	1.3	12.9	3.1	7.9
2006 Q4	9.3	3.1	2.5	-5.2	2.0	9.5	6.6	20.8	2.4	2.0	11.9	2.7	6.6
2007 Q1	10.5	-4.9	-8.6	-12.2	4.9	0.3	5.8	3.6	4.3	3.9	7.2	7.7	5.8
2007 Q2	13.1	7.6	5.1	-0.8	4.7	7.5	9.9	19.5	0.0	4.8	17.8	8.4	9.9
2007 Q3	1.1	-1.0	-7.5	-8.1	3.4	17.3	2.3	-8.0	1.0	2.6	3.0	5.7	2.3
2007 Q4	11.0	20.3	-2.3	-20.4	4.3	3.4	9.9	-14.3	9.2	3.8	19.2	8.7	9.9
2008 Q1	0.1	34.5	3.0	-25.5	-0.4	-1.0	4.0	-20.9	-1.5	-0.1	11.8	8.5	4.0
2008 Q2	0.3	17.0	5.9	-19.7	-3.6	4.8	2.1	-12.0	7.3	-3.0	1.8	9.0	2.1
2008 Q3	2.7	26.3	134.6	-46.8	-17.4	-36.5	-0.2	-9.3	0.8	-7.9	0.4	9.6	-0.2
2008 Q4	-7.7	12.3	131.1	-55.0	-21.0	-47.0	-8.8	3.9	-7.6	-11.5	-16.8	6.8	-8.8
2009 Q1	-8.6	13.5	111.3	-63.9	-27.8	-39.6	-10.0	-1.4	-6.6	-18.4	-13.9	1.8	-10.0
2009 Q2	-16.3	6.3	116.9	-53.1	-30.1	-34.6	-15.3	4.3	-22.3	-20.1	-20.0	-0.2	-15.3
2009 Q3	-15.0	12.3	-1.3	-18.2	-16.5	0.6	-9.1	4.8	-16.5	-14.4	-10.6	1.5	-9.1
2009 Q4	-14.9	1.7	-0.6	21.5	-21.4	31.2	-10.2	-12.7	-17.6	-18.1	-7.9	0.5	-10.2
2010 Q1	-4.2	0.7	-2.0	27.2	-8.7	4.8	-3.3	18.7	-13.1	-7.5	-4.9	5.6	-3.3
2010 Q2	-2.1	5.7	-0.3	16.7	6.7	8.3	1.6	-9.9	4.8	5.1	-4.1	8.4	1.6
2010 Q3	4.6	-4.5	-2.5	3.1	12.7	14.3	4.3	15.8	4.3	10.3	-2.7	6.6	4.3
2010 Q4	12.4	-2.7	-6.1	-12.6	21.7	1.3	9.1	80.3	11.4	16.2	-6.4	7.9	9.1
2011 Q1	0.0	1.9	-4.3	-2.8	13.0	16.6	3.2	-33.6	13.0	9.9	1.1	4.1	3.2
2011 Q2	4.5	-6.9	-4.7	-24.2	4.6	-5.1	1.2	-25.1	8.1	3.0	1.7	0.5	1.2
2011 Q3	4.0	-5.6	-7.9	-30.5	0.2	-15.9	-0.5	-41.8	9.7	-1.1	0.6	3.5	-0.5
2011 Q4	2.3	-7.2	-7.4	-22.9	4.6	-0.4	0.3	-47.0	11.6	2.5	6.0	2.3	0.3
2012 Q1	12.5	-7.6	-9.8	-20.6	6.7	1.9	5.9	46.0	11.3	3.9	1.7	2.9	5.9
2012 Q2	6.1	3.3	-7.6	-9.0	1.0	5.9	4.2	-20.2	5.4	0.0	9.1	4.7	4.2
2012 Q3	3.8	-9.0	-6.8	-2.6	0.5	9.2	0.8	-20.4	-0.8	-0.3	4.8	1.0	0.8
2012 Q4	8.0	-4.0	-6.8	-6.8	1.0	6.4	4.1	-3.4	0.7	0.3	9.8	3.9	4.1
2013 Q1	0.8	-12.2	-8.9	14.3	1.1	8.6	-1.2	-42.0	-2.5	-0.2	1.5	4.8	-1.2
2013 Q2	7.8	-7.5	-6.1	4.5	15.0	12.0	6.1	19.6	-1.7	11.5	6.5	5.0	6.1
2013 Q3	9.4	7.5	-4.2	17.7	17.2	23.4	11.0	59.6	5.8	13.8	12.2	4.4	11.0
2013 Q4	0.6	9.3	-3.0	30.9	13.5	24.4	5.7	3.9	-0.5	10.9	8.9	1.7	5.7
2014 Q1	7.9	29.7	3.8	26.6	16.2	15.1	13.3	58.4	3.9	14.6	19.6	4.6	13.3
2014 Q2	8.1	5.1	17.9	35.3	4.4	24.9	8.4	65.8	10.6	6.0	7.2	1.7	8.4
2014 Q3	5.4	6.6	23.2	27.1	5.9	14.5	6.8	37.2	5.8	8.0	5.5	2.5	6.8
2014 Q4	9.0	6.4	26.7	16.0	3.6	6.3	7.8	37.0	6.6	6.4	6.6	6.2	7.8
2015 Q1	12.1	0.2	23.1	14.2	1.2	-1.7	7.2	82.9	2.3	3.8	7.2	-1.3	7.2
2015 Q2	9.2	10.1	-8.8	-4.5	11.0	-2.6	8.2	4.4	-0.6	8.3	15.2	5.2	8.2
2015 Q3	8.8	-1.9	-7.2	4.1	5.7	0.7	5.4	-11.5	-0.3	4.0	12.9	4.1	5.4
2015 Q4	8.4	-5.5	-10.9	4.8	8.1	6.6	5.3	20.5	5.9	5.5	5.9	0.1	5.3
2016 Q1	5.7	-10.9	-8.0	-15.7	8.4	30.1	4.5	-1.7	8.6	6.5	1.5	6.8	4.5
2016 Q2	6.7	2.1	9.7	47.3	1.1	6.6	5.1	32.8	11.3	2.1	1.2	3.0	5.1
2016 Q3	9.5	11.1	3.3	-4.0	4.3	3.0	8.2	79.8	9.5	4.2	2.5	4.3	8.2
2016 Q4	5.1	9.0	7.9	2.3	5.8	3.2	5.7	-1.4	2.8	6.0	8.9	4.8	5.7
2017 Q1	6.1	10.6	7.8	7.7	11.0	-31.5	4.6	-11.1	16.9	10.3	2.3	-0.9	4.6
2017 Q2	5.1	5.2	8.1	-1.4	12.2	-24.9	4.3	-1.6	20.0	11.7	-3.2	-0.7	4.3
2017 Q3	3.3	0.8	5.2	16.0	13.1	-23.8	2.8	-19.4	16.1	12.1	-2.1	0.4	2.8
2017 Q4	3.9	5.9	-15.8	6.7	17.9	-28.3	3.9	-7.5	19.9	13.9	-5.8	1.9	3.9
2018 Q1	1.5	2.8	-44.0	4.8	12.4	-2.2	2.4	-7.4	0.4	5.9	-0.1	7.8	2.4
2018 Q2	0.2	0.3	-48.0	-5.5	15.2	-2.3	1.7	-22.5	-5.5	7.6	1.7	9.8	1.7
2018 Q3	-1.2	7.5	-50.0	-2.6	13.7	-3.0	1.7	-30.4	-2.4	6.6	2.6	8.8	1.7
2018 Q4	-1.0	5.8	-38.1	-2.6	7.2	-1.3	1.0	-17.7	-6.2	3.2	4.0	5.4	1.0
2019 Q1	0.8	15.8	-6.4	0.6	7.3	-1.3	4.2	-24.2	-4.3	6.5	12.5	4.1	4.2
2019 Q2	1.3	8.2	-5.0	-4.4	2.9	-0.8	2.5	7.7	-16.9	2.5	13.6	0.6	2.5

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.

G12 Gross Fixed Capital Formation by sector and type of asset

Current price, 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
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
1997	111 452	15 433	1 623	451	25 561	7 557	162 078	12 697	41 465	27 184	49 486	31 246	162 078
1998	121 050	17 077	1 631	369	26 410	7 896	174 438	14 098	41 570	28 041	56 106	34 621	174 438
1999	123 444	17 875	1 529	522	28 830	10 005	182 204	14 736	42 361	30 388	59 315	35 402	182 204
2000	132 376	18 284	1 421	478	31 611	11 063	195 233	13 329	48 985	33 090	62 166	37 662	195 233
2001	134 058	21 766	2 387	812	32 833	12 075	203 930	15 253	48 783	35 310	66 364	38 219	203 930
2002	132 969	23 759	2 837	1 196	38 956	13 388	213 106	16 365	48 362	41 876	66 822	39 679	213 106
2003	131 095	26 285	3 509	1 473	43 702	13 501	219 567	15 114	44 723	47 371	69 993	42 364	219 567
2004	125 000	31 851	3 235	1 720	50 367	16 111	228 284	14 297	43 809	53 718	72 967	43 492	228 284
2005	146 229	20 297	3 574	1 410	54 098	17 275	242 883	13 676	45 297	57 719	79 335	46 854	242 883
2006	141 769	36 463	4 047	1 659	55 734	21 832	261 506	16 481	47 143	59 791	90 209	47 882	261 506
2007	154 295	38 514	3 896	1 482	58 146	23 347	279 677	16 363	48 842	62 045	100 890	51 537	279 677
2008	152 366	46 855	6 536	952	52 019	18 562	277 288	14 741	48 643	58 569	99 445	55 890	277 288
2009	131 472	50 731	8 844	589	39 294	15 278	246 211	14 531	40 938	48 141	86 206	56 396	246 211
2010	134 778	50 536	8 600	626	42 265	16 382	253 187	18 119	41 496	50 861	82 290	60 418	253 187
2011	138 405	48 287	8 081	497	44 523	16 028	255 822	11 144	45 889	52 596	84 201	61 991	255 822
2012	148 891	46 155	7 454	446	45 533	16 954	265 436	11 145	47 719	53 103	89 545	63 924	265 436
2013	155 666	45 659	7 035	521	50 827	19 855	279 564	11 322	47 827	57 862	96 113	66 441	279 564
2014	167 496	50 905	8 299	655	54 544	22 807	304 707	16 730	51 036	62 846	105 159	68 935	304 707
2015	183 576	51 158	8 130	686	58 083	22 990	324 621	20 202	51 960	66 214	115 921	70 324	324 621
2016	195 973	52 418	8 362	725	60 904	25 316	343 691	24 623	56 102	69 319	120 018	73 630	343 691
2017	204 945	55 290	8 464	773	69 191	18 417	357 080	22 064	66 328	77 655	117 290	73 743	357 080
2018	204 716	57 566	4 622	759	77 510	18 010	363 183	17 724	64 026	82 134	119 700	79 599	363 183

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O
1998	8.6	10.7	0.5	-18.2	3.3	4.5	7.6	11.0	0.3	3.2	13.4	10.8	7.6
1999	2.0	4.7	-6.3	41.5	9.2	26.7	4.5	4.5	1.9	8.4	5.7	2.3	4.5
2000	7.2	2.3	-7.1	-8.4	9.6	10.6	7.2	-9.5	15.6	8.9	4.8	6.4	7.2
2001	1.3	19.0	68.0	69.9	3.9	9.1	4.5	14.4	-0.4	6.7	6.8	1.5	4.5
2002	-0.8	9.2	18.9	47.3	18.6	10.9	4.5	7.3	-0.9	18.6	0.7	3.8	4.5
2003	-1.4	10.6	23.7	23.2	12.2	0.8	3.0	-7.6	-7.5	13.1	4.7	6.8	3.0
2004	-4.6	21.2	-7.8	16.8	15.3	19.3	4.0	-5.4	-2.0	13.4	4.2	2.7	4.0
2005	17.0	-36.3	10.5	-18.0	7.4	7.2	6.4	-4.3	3.4	7.4	8.7	7.7	6.4
2006	-3.1	79.6	13.2	17.7	3.0	26.4	7.7	20.5	4.1	3.6	13.7	2.2	7.7
2007	8.8	5.6	-3.7	-10.7	4.3	6.9	6.9	-0.7	3.6	3.8	11.8	7.6	6.9
2008	-1.3	21.7	67.8	-35.8	-10.5	-20.5	-0.9	-9.9	-0.4	-5.6	-1.4	8.4	-0.9
2009	-13.7	8.3	35.3	-38.1	-24.5	-17.7	-11.2	-1.4	-15.8	-17.8	-13.3	0.9	-11.2
2010	2.5	-0.4	-2.8	6.3	7.6	7.2	2.8	24.7	1.4	5.7	-4.5	7.1	2.8
2011	2.7	-4.5	-6.0	-20.6	5.3	-2.2	1.0	-38.5	10.6	3.4	2.3	2.6	1.0
2012	7.6	-4.4	-7.8	-10.3	2.3	5.8	3.8	0.0	4.0	1.0	6.3	3.1	3.8
2013	4.6	-1.1	-5.6	16.8	11.6	17.1	5.3	1.6	0.2	9.0	7.3	3.9	5.3
2014	7.6	11.5	18.0	25.7	7.3	14.9	9.0	47.8	6.7	8.6	9.4	3.8	9.0
2015	9.6	0.5	-2.0	4.7	6.5	0.8	6.5	20.8	1.8	5.4	10.2	2.0	6.5
2016	6.8	2.5	2.9	5.7	4.9	10.1	5.9	21.9	8.0	4.7	3.5	4.7	5.9
2017	4.6	5.5	1.2	6.6	13.6	-27.3	3.9	-10.4	18.2	12.0	-2.3	0.2	3.9
2018	-0.1	4.1	-45.4	-1.8	12.0	-2.2	1.7	-19.7	-3.5	5.8	2.1	7.9	1.7

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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	26 481	5 334	773	144	6 031	1 371	40 135	3 493	10 042	6 804	12 258	7 537	40 135
1997 Q2	26 744	2 748	225	112	6 195	2 097	38 122	3 319	9 620	6 420	11 125	7 637	38 122
1997 Q3	27 825	3 574	327	98	6 435	1 949	40 208	3 177	10 144	6 762	12 295	7 831	40 208
1997 Q4	30 401	3 777	298	97	6 900	2 139	43 612	2 708	11 659	7 198	13 808	8 240	43 612
1998 Q1	30 624	5 794	590	110	6 337	1 422	44 877	4 111	10 678	6 927	14 742	8 419	44 877
1998 Q2	29 164	3 117	263	72	6 737	1 990	41 344	3 576	10 044	7 000	12 147	8 577	41 344
1998 Q3	29 325	3 896	416	103	6 621	2 431	42 792	3 179	9 646	7 037	14 247	8 682	42 792
1998 Q4	31 935	4 271	363	85	6 715	2 054	45 424	3 232	11 201	7 078	14 969	8 943	45 424
1999 Q1	31 104	5 976	570	161	6 634	2 055	46 500	4 043	10 798	7 204	15 629	8 827	46 500
1999 Q2	29 554	3 608	316	76	7 243	2 102	42 899	3 820	9 967	7 568	12 794	8 750	42 899
1999 Q3	30 886	4 071	263	132	7 536	2 874	45 762	3 574	10 603	7 809	14 952	8 824	45 762
1999 Q4	31 901	4 219	380	153	7 417	2 973	47 043	3 300	10 992	7 808	15 940	9 003	47 043
2000 Q1	32 504	6 122	519	155	7 825	2 813	49 938	3 343	11 766	8 359	17 251	9 220	49 938
2000 Q2	33 847	3 605	213	112	7 987	3 069	48 832	3 704	13 600	8 214	13 848	9 467	48 832
2000 Q3	31 247	3 964	313	92	8 033	2 280	45 928	2 956	10 707	8 359	14 527	9 379	45 928
2000 Q4	34 779	4 593	376	120	7 767	2 901	50 535	3 327	12 914	8 157	16 541	9 597	50 535
2001 Q1	34 091	6 258	799	252	7 861	2 619	51 879	3 212	12 925	8 690	17 608	9 444	51 879
2001 Q2	33 952	4 435	425	144	8 069	2 931	49 955	4 909	11 093	8 510	15 911	9 532	49 955
2001 Q3	32 870	5 368	525	203	8 489	3 527	50 982	4 044	11 743	9 039	16 610	9 546	50 982
2001 Q4	33 146	5 705	638	214	8 413	2 998	51 114	3 088	13 022	9 071	16 235	9 698	51 114
2002 Q1	32 024	7 236	1 060	301	8 667	2 698	51 986	3 562	12 209	9 753	16 806	9 657	51 986
2002 Q2	32 839	4 642	365	177	9 449	3 038	50 511	4 893	11 251	9 832	14 861	9 673	50 511
2002 Q3	32 548	5 760	522	242	10 117	3 910	53 100	4 106	11 733	10 663	16 551	10 047	53 100
2002 Q4	35 557	6 121	890	474	10 723	3 742	57 508	3 804	13 170	11 629	18 604	10 302	57 508
2003 Q1	34 297	8 830	1 478	546	9 926	2 823	57 901	3 803	12 609	11 437	19 542	10 510	57 901
2003 Q2	31 989	5 133	479	245	10 719	3 125	51 690	3 964	10 027	11 262	15 878	10 559	51 690
2003 Q3	31 564	5 990	721	322	11 239	3 810	53 647	3 953	10 787	11 992	16 316	10 599	53 647
2003 Q4	33 245	6 334	831	359	11 817	3 742	56 328	3 395	11 300	12 679	18 257	10 696	56 328
2004 Q1	32 436	9 781	1 157	479	12 181	3 802	59 837	3 537	11 627	13 384	20 555	10 734	59 837
2004 Q2	30 057	6 643	520	374	12 235	4 105	53 934	4 130	10 075	12 777	16 167	10 785	53 934
2004 Q3	30 584	7 410	708	434	12 863	4 421	56 420	3 568	10 522	13 597	17 793	10 940	56 420
2004 Q4	31 922	8 016	850	433	13 089	3 782	58 092	3 062	11 585	13 960	18 451	11 033	58 092
2005 Q1	30 463	12 276	1 237	324	12 961	3 120	60 381	3 242	11 053	14 229	20 206	11 651	60 381
2005 Q2	48 246	- 8 917	525	240	13 576	3 782	57 452	3 656	10 867	14 104	17 219	11 606	57 452
2005 Q3	32 925	8 287	860	402	13 773	4 976	61 223	3 443	11 160	14 640	20 356	11 625	61 223
2005 Q4	34 596	8 649	952	444	13 789	5 397	63 827	3 335	12 218	14 746	21 554	11 974	63 827
2006 Q1	33 609	11 873	1 643	585	13 711	5 061	66 481	3 838	11 996	15 356	23 320	11 971	66 481
2006 Q2	34 034	6 827	503	255	14 028	4 951	60 599	4 139	10 605	14 529	19 644	11 681	60 599
2006 Q3	36 544	8 535	947	402	13 877	5 905	66 210	4 393	11 978	14 830	23 066	11 943	66 210
2006 Q4	37 583	9 227	955	417	14 119	5 916	68 217	4 111	12 563	15 077	24 179	12 287	68 217
2007 Q1	37 049	12 452	1 601	503	14 307	4 930	70 843	3 990	12 844	15 905	25 188	12 917	70 843
2007 Q2	38 397	7 001	497	257	14 687	5 374	66 213	4 800	10 701	15 185	22 892	12 635	66 213
2007 Q3	37 112	8 223	869	383	14 375	6 942	67 905	4 022	11 933	15 246	24 066	12 638	67 905
2007 Q4	41 735	10 836	930	338	14 776	6 100	74 716	3 551	13 364	15 709	28 743	13 349	74 716
2008 Q1	37 086	15 198	1 653	378	14 127	4 722	73 164	3 142	12 324	15 788	27 895	14 015	73 164
2008 Q2	38 486	8 695	522	209	14 176	5 733	67 821	4 189	11 734	14 703	23 437	13 758	67 821
2008 Q3	38 250	10 614	2 145	211	11 927	4 770	67 917	3 654	12 094	14 073	24 234	13 861	67 917
2008 Q4	38 543	12 349	2 216	153	11 788	3 337	68 386	3 756	12 491	14 005	23 879	14 255	68 386
2009 Q1	34 067	17 059	2 817	136	9 962	2 383	66 423	3 128	11 663	12 777	24 568	14 287	66 423
2009 Q2	32 324	9 014	1 690	97	9 917	3 806	56 848	4 288	9 004	11 652	18 196	13 709	56 848
2009 Q3	32 361	12 185	2 117	173	10 026	4 787	61 649	3 749	10 064	12 104	21 640	14 091	61 649
2009 Q4	32 722	12 474	2 221	183	9 389	4 302	61 291	3 366	10 207	11 607	21 802	14 309	61 291
2010 Q1	32 624	17 403	2 732	171	8 915	2 436	64 280	3 757	10 133	11 640	23 569	15 182	64 280
2010 Q2	31 523	9 580	1 707	113	10 625	4 162	57 711	3 826	9 414	12 334	17 372	14 765	57 711
2010 Q3	33 786	11 708	2 064	181	11 331	5 228	64 298	4 299	10 541	13 398	21 020	15 040	64 298
2010 Q4	36 846	11 845	2 097	160	11 396	4 552	66 898	6 239	11 407	13 490	20 331	15 431	66 898
2011 Q1	32 551	17 515	2 592	162	10 072	3 091	65 984	2 476	11 375	12 669	23 632	15 831	65 984
2011 Q2	32 736	8 744	1 639	86	11 138	4 072	58 414	2 791	10 052	12 778	17 966	14 827	58 414
2011 Q3	35 112	10 959	1 898	125	11 399	4 458	63 951	2 468	11 597	13 298	21 035	15 553	63 951
2011 Q4	38 006	11 069	1 952	123	11 913	4 408	67 473	3 409	12 865	13 850	21 568	15 781	67 473
2012 Q1	36 526	16 506	2 348	127	10 729	3 192	69 430	3 591	12 668	13 061	23 841	16 269	69 430
2012 Q2	34 757	9 372	1 507	80	11 300	4 340	61 355	2 259	10 751	12 857	20 012	15 475	61 355
2012 Q3	36 247	9 878	1 775	123	11 474	4 717	64 214	1 904	11 412	13 291	21 882	15 725	64 214
2012 Q4	41 361	10 399	1 824	117	12 030	4 706	70 436	3 392	12 887	13 893	23 809	16 456	70 436
2013 Q1	36 544	15 071	2 152	141	10 827	3 591	68 328	2 002	12 456	12 979	23 876	17 014	68 328
2013 Q2	37 940	8 697	1 402	85	12 989	4 867	65 979	2 742	10 714	14 391	21 869	16 265	65 979
2013 Q3	39 471	10 538	1 716	142	13 406	5 605	70 879	3 028	11 862	15 122	24 463	16 403	70 879
2013 Q4	41 712	11 353	1 765	153	13 605	5 791	74 378	3 549	12 795	15 370	25 905	16 759	74 378
2014 Q1	39 396	18 236	2 201	176	12 696	4 367	77 074	3 139	12 878	14 897	28 400	17 759	77 074
2014 Q2	41 189	9 121	1 728	118	13 583	6 029	71 767	4 604	11 800	15 311	23 501	16 550	71 767
2014 Q3	41 514	11 399	2 144	183	14 160	6 288	75 688	4 145	12 734	16 304	25 729	16 776	75 688
2014 Q4	45 397	12 149	2 227	178	14 106	6 121	80 178	4 842	13 624	16 333	27 529	17 850	80 178
2015 Q1	43 950	17 999	2 598	197	12 867	4 551	82 162	5 822	13 063	15 465	30 368	17 444	82 162
2015 Q2	44 571	10 479	1 559	113	15 048	5 615	77 384	4 884	11 701	16 607	26 735	17 458	77 384
2015 Q3	44 664	11 362	1 999	189	14 920	6 236	79 367	3 755	12 617	16 919	28 585	17 492	79 367
2015 Q4	50 392	11 318	1 974	188	15 249	6 586	85 710	5 741	14 579	17 223	30 236	17 930	85 710
2016 Q1	47 104	16 949	2 408	167	14 025	5 586	86 238	5 663	13 844	16 486	31 630	18 615	86 238
2016 Q2	49 087	10 616	1 767	174	15 233	6 300	83 178	6 605	13 288	17 000	28 256	18 029	83 178
2016 Q3	49 555	12 470	2 063	186	15 502	6 589	86 365	6 743	13 953	17 565	29 894	18 211	86 365
2016 Q4	50 230	12 383	2 124	198	16 144	6 835	87 913	5 612	15 018	18 268	30 240	18 775	87 913
2017 Q1	49 135	17 537	2 552	171	15 626	4 303	89 324	5 015	16 232	18 178	31 499	18 400	89 324
2017 Q2	50 492	11 552	1 909	186	17 081	4 505	85 725	6 499	15 671	18 990	26 595	17 970	85 725
2017 Q3	51 457	13 011	2 236	209	17 502	4 834	89 249	5 521	16 301	19 738	29 437	18 252	89 249
2017 Q4	53 861	13 190	1 767	207	18 982	4 775	92 782	5 029	18 124	20 749	29 759	19 121	92 782
2018 Q1	49 859	18 231	1 595	172	17 700	4 223	91 780	4 700	16 302	19 295	31 767	19 716	91 780
2018 Q2	49 995	11 551	806	179	19 621	4 342	86 494	5 105	14 791	20 427	26 484	19 687	86 494
2018 Q3	51 116	14 007	1 138	203	19 861	4 711	91 036	3 844	15 959	21 000	30 369	19 864	91 036
2018 Q4	53 746	13 777	1 083	205	20 328	4 734	93 873	4 075	16 974	21 412	31 080	20 332	93 873
2019 Q1	52 137	20 499	1 524	170	19 077	4 195	97 602	3 769	17 537	20 601	35 041	20 654	97 602
2019 Q2	52 370	12 602	745	176	20 165	4 288	90 346	5 862	13 634	20 911	30 042	19 897	90 346

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G14 Gross Fixed Capital Formation by sector and type of asset

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

£ million

	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	1.0	-48.5	-70.9	-22.2	2.7	53.0	-5.0	-5.0	-4.2	-5.6	-9.2	1.3	-5.0
1997 Q3	4.0	30.1	45.3	-12.5	3.9	-7.1	5.5	-4.3	5.4	5.3	10.5	2.5	5.5
1997 Q4	9.3	5.7	-8.9	-1.0	7.2	9.7	8.5	-14.8	14.9	6.4	12.3	5.2	8.5
1998 Q1	0.7	53.4	98.0	13.4	-8.2	-33.5	2.9	51.8	-8.4	-3.8	6.8	2.2	2.9
1998 Q2	-4.8	-46.2	-55.4	-34.5	6.3	39.9	-7.9	-13.0	-5.9	1.1	-17.6	1.9	-7.9
1998 Q3	0.6	25.0	58.2	43.1	-1.7	22.2	3.5	-11.1	-4.0	0.5	17.3	1.2	3.5
1998 Q4	8.9	9.6	-12.7	-17.5	1.4	-15.5	6.2	1.7	16.1	0.6	5.1	3.0	6.2
1999 Q1	-2.6	39.9	57.0	89.4	-1.2	0.0	2.4	25.1	-3.6	1.8	4.4	-1.3	2.4
1999 Q2	-5.0	-39.6	-44.6	-52.8	9.2	2.3	-7.7	-5.5	-7.7	5.1	-18.1	-0.9	-7.7
1999 Q3	4.5	12.8	-16.8	73.7	4.0	36.7	6.7	-6.4	6.4	3.2	16.9	0.8	6.7
1999 Q4	3.3	3.6	44.5	15.9	-1.6	3.4	2.8	-7.7	3.7	0.0	6.6	2.0	2.8
2000 Q1	1.9	45.1	36.6	1.3	5.5	-5.4	6.2	1.3	7.0	7.1	8.2	2.4	6.2
2000 Q2	4.1	-41.1	-59.0	-27.7	2.1	9.1	-2.2	10.8	15.6	-1.7	-19.7	2.7	-2.2
2000 Q3	-7.7	10.0	46.9	-17.9	0.6	-25.7	-5.9	-20.2	-21.3	1.8	4.9	-0.9	-5.9
2000 Q4	11.3	15.9	20.1	30.4	-3.3	27.2	10.0	12.6	20.6	-2.4	13.9	2.3	10.0
2001 Q1	-2.0	36.3	112.5	110.0	1.2	-9.7	2.7	-3.5	0.1	6.5	6.5	-1.6	2.7
2001 Q2	-0.4	-29.1	-46.8	-42.9	2.6	11.9	-3.7	52.8	-14.2	-2.1	-9.6	0.9	-3.7
2001 Q3	-3.2	21.0	23.5	41.0	5.2	20.3	2.1	-17.6	5.9	6.2	4.4	0.1	2.1
2001 Q4	0.8	6.3	21.5	5.4	-0.9	-15.0	0.3	-23.6	10.9	0.4	-2.3	1.6	0.3
2002 Q1	-3.4	26.8	66.1	40.7	3.0	-10.0	1.7	15.3	-6.2	7.5	3.5	-0.4	1.7
2002 Q2	2.5	-35.8	-65.6	-41.2	9.0	12.6	-2.8	37.4	-7.8	0.8	-11.6	0.2	-2.8
2002 Q3	-0.9	24.1	43.0	36.7	7.1	28.7	5.1	-16.1	4.3	8.5	11.4	3.9	5.1
2002 Q4	9.2	6.3	70.5	95.9	6.0	-4.3	8.3	-7.4	12.2	9.1	12.4	2.5	8.3
2003 Q1	-3.5	44.3	66.1	15.2	-7.4	-24.6	0.7	0.0	-4.3	-1.7	5.0	2.0	0.7
2003 Q2	-6.7	-41.9	-67.6	-55.1	8.0	10.7	-10.7	4.2	-20.5	-1.5	-18.7	0.5	-10.7
2003 Q3	-1.3	16.7	50.5	31.4	4.9	21.9	3.8	-0.3	7.6	6.5	2.8	0.4	3.8
2003 Q4	5.3	5.7	15.3	11.5	5.1	-1.8	5.0	-14.1	4.8	5.7	11.9	0.9	5.0
2004 Q1	-2.4	54.4	39.2	33.4	3.1	1.6	6.2	4.2	2.9	5.6	12.6	0.4	6.2
2004 Q2	-7.3	-32.1	-55.1	-21.9	0.4	8.0	-9.9	16.8	-13.3	-4.5	-21.3	0.5	-9.9
2004 Q3	1.8	11.5	36.2	16.0	5.1	7.7	4.6	-13.6	4.4	6.4	10.1	1.4	4.6
2004 Q4	4.4	8.2	20.1	0.2	1.8	-14.5	3.0	-14.2	10.1	2.7	3.7	0.9	3.0
2005 Q1	-4.6	53.1	45.5	-25.2	-1.0	-17.5	3.9	5.9	-4.6	1.9	9.5	5.6	3.9
2005 Q2	58.4	-172.6	-57.6	-25.9	4.7	21.2	-4.9	12.8	-1.7	-0.9	-14.8	-0.4	-4.9
2005 Q3	-31.8	-192.9	63.8	67.5	1.5	31.6	6.6	-5.8	2.7	3.8	18.2	0.2	6.6
2005 Q4	5.1	4.4	10.7	10.4	0.1	8.5	4.3	-3.1	9.5	0.7	5.9	3.0	4.3
2006 Q1	-2.9	37.3	72.6	31.8	-0.6	-6.2	4.2	15.1	-1.8	4.1	8.2	0.0	4.2
2006 Q2	1.3	-42.5	-69.4	-56.4	2.3	-2.2	-8.8	7.8	-11.6	-5.4	-15.8	-2.4	-8.8
2006 Q3	7.4	25.0	88.3	57.6	-1.1	19.3	9.3	6.1	12.9	2.1	17.4	2.2	9.3
2006 Q4	2.8	8.1	0.8	3.7	1.7	0.2	3.0	-6.4	4.9	1.7	4.8	2.9	3.0
2007 Q1	-1.4	35.0	67.6	20.6	1.3	-16.7	3.8	-2.9	2.2	5.5	4.2	5.1	3.8
2007 Q2	3.6	-43.8	-69.0	-48.9	2.7	9.0	-6.5	20.3	-16.7	-4.5	-9.1	-2.2	-6.5
2007 Q3	-3.3	17.5	74.8	49.0	-2.1	29.2	2.6	-16.2	11.5	0.4	5.1	0.0	2.6
2007 Q4	12.5	31.8	7.0	-11.7	2.8	-12.1	10.0	-11.7	12.0	3.0	19.4	5.6	10.0
2008 Q1	-11.1	40.3	77.7	11.8	-4.4	-22.6	-2.1	-11.5	-7.8	0.5	-3.0	5.0	-2.1
2008 Q2	3.8	-42.8	-68.4	-44.7	0.3	21.4	-7.3	33.3	-4.8	-6.9	-16.0	-1.8	-7.3
2008 Q3	-0.6	22.1	310.9	1.0	-15.9	-16.8	0.1	-12.8	3.1	-4.3	3.4	0.7	0.1
2008 Q4	0.8	16.3	3.3	-27.5	-1.2	-30.0	0.7	2.8	3.3	-0.5	-1.5	2.8	0.7
2009 Q1	-11.6	38.1	27.1	-11.1	-15.5	-28.6	-2.9	-16.7	-6.6	-8.8	2.9	0.2	-2.9
2009 Q2	-5.1	-47.2	-40.0	-28.7	-0.5	59.7	-14.4	37.1	-22.8	-8.8	-25.9	-4.0	-14.4
2009 Q3	0.1	35.2	25.3	78.4	1.1	25.8	8.4	-12.6	11.8	3.9	18.9	2.8	8.4
2009 Q4	1.1	2.4	4.9	5.8	-6.4	-10.1	-0.6	-10.2	1.4	-4.1	0.7	1.5	-0.6
2010 Q1	-0.3	39.5	23.0	-6.6	-5.0	-43.4	4.9	11.6	-0.7	0.3	8.1	6.1	4.9
2010 Q2	-3.4	-45.0	-37.5	-33.9	19.2	70.9	-10.2	1.8	-7.1	6.0	-26.3	-2.7	-10.2
2010 Q3	7.2	22.2	20.9	60.2	6.6	25.6	11.4	12.4	12.0	8.6	21.0	1.9	11.4
2010 Q4	9.1	1.2	1.6	-11.6	0.6	-12.9	4.0	45.1	8.2	0.7	-3.3	2.6	4.0
2011 Q1	-11.7	47.9	23.6	1.3	-11.6	-32.1	-1.4	-60.3	-0.3	-6.1	16.2	2.6	-1.4
2011 Q2	0.6	-50.1	-36.8	-46.9	10.6	31.7	-11.5	12.7	-11.6	0.9	-24.0	-6.3	-11.5
2011 Q3	7.3	25.3	15.8	45.3	2.3	9.5	9.5	-11.6	15.4	4.1	17.1	4.9	9.5
2011 Q4	8.2	1.0	2.8	-1.6	4.5	-1.1	5.5	38.1	10.9	4.2	2.5	1.5	5.5
2012 Q1	-3.9	49.1	20.3	3.3	-9.9	-27.6	2.9	5.3	-1.5	-5.7	10.5	3.1	2.9
2012 Q2	-4.8	-43.2	-35.8	-37.0	5.3	36.0	-11.6	-37.1	-15.1	-1.6	-16.1	-4.9	-11.6
2012 Q3	4.3	5.4	17.8	53.8	1.5	8.7	4.7	-15.7	6.1	3.4	9.3	1.6	4.7
2012 Q4	14.1	5.3	2.8	-4.9	4.8	-0.2	9.7	78.2	12.9	4.5	8.8	4.6	9.7
2013 Q1	-11.6	44.9	18.0	20.5	-10.0	-23.7	-3.0	-41.0	-3.3	-6.6	0.3	3.4	-3.0
2013 Q2	3.8	-42.3	-34.9	-39.7	20.0	35.5	-3.4	37.0	-14.0	10.9	-8.4	-4.4	-3.4
2013 Q3	4.0	21.2	22.4	67.1	3.2	15.2	7.4	10.4	10.7	5.1	11.9	0.8	7.4
2013 Q4	5.7	7.7	2.9	7.7	1.5	3.3	4.9	17.2	7.9	1.6	5.9	2.2	4.9
2014 Q1	-5.6	60.6	24.7	15.0	-6.7	-24.6	3.6	-11.6	0.6	-3.1	9.6	6.0	3.6
2014 Q2	4.6	-50.0	-21.5	-33.0	7.0	38.1	-6.9	46.7	-8.4	2.8	-17.3	-6.8	-6.9
2014 Q3	0.8	25.0	24.1	55.1	4.2	4.3	5.5	-10.0	7.9	6.5	9.5	1.4	5.5
2014 Q4	9.4	6.6	3.9	-2.7	-0.4	-2.7	5.9	16.8	7.0	0.2	7.0	6.4	5.9
2015 Q1	-3.2	48.2	16.7	10.7	-8.8	-25.6	2.5	20.2	-4.1	-5.3	10.3	-2.3	2.5
2015 Q2	1.4	-41.8	-40.0	-42.6	17.0	23.4	-5.8	-16.1	-10.4	7.4	-12.0	0.1	-5.8
2015 Q3	0.2	8.4	28.2	67.3	-0.9	11.1	2.6	-23.1	7.8	1.9	6.9	0.2	2.6
2015 Q4	12.8	-0.4	-1.3	-0.5	2.2	5.6	8.0	52.9	15.6	1.8	5.8	2.5	8.0
2016 Q1	-6.5	49.8	22.0	-11.2	-8.0	-15.2	0.6	-1.4	-5.0	-4.3	4.6	3.8	0.6
2016 Q2	4.2	-37.4	-26.6	4.2	8.6	12.8	-3.5	16.6	-4.0	3.1	-10.7	-3.1	-3.5
2016 Q3	1.0	17.5	16.8	6.9	1.8	4.6	3.8	2.1	5.0	3.3	5.8	1.0	3.8
2016 Q4	1.4	-0.7	3.0	6.5	4.1	3.7	1.8	-16.8	7.6	4.0	1.2	3.1	1.8
2017 Q1	-2.2	41.6	20.2	-13.6	-3.2	-37.0	1.6	-10.6	8.1	-0.5	4.2	-2.0	1.6
2017 Q2	2.8	-34.1	-25.2	8.8	9.3	4.7	-4.0	29.6	-3.5	4.5	-15.6	-2.3	-4.0
2017 Q3	1.9	12.6	17.1	12.4	2.5	7.3	4.1	-15.0	4.0	3.9	10.7	1.6	4.1
2017 Q4	4.7	1.4	-21.0	-1.0	8.5	-1.2	4.0	-8.9	11.2	5.1	1.1	4.8	4.0
2018 Q1	-7.4	38.2	-9.7	-16.9	-6.8	-11.6	-1.1	-6.5	-10.1	-7.0	6.7	3.1	-1.1
2018 Q2	0.3	-36.6	-49.5	4.1	10.9	2.8	-5.8	8.6	-9.3	5.9	-16.6	-0.1	-5.8
2018 Q3	2.2	21.3	41.2	13.4	1.2	8.5	5.3	-24.7	7.9	2.8	14.7	0.9	5.3
2018 Q4	5.1	-1.6	-4.8	1.0	2.4	0.5	3.1	6.0	6.4	2.0	2.3	2.4	3.1
2019 Q1	-3.0	48.8	40.7	-17.1	-6.2	-11.4	4.0	-7.5	3.3	-3.8	12.7	1.6	4.0
2019 Q2	0.4	-38.5	-51.1	3.5	5.7	2.2	-7.4	55.5	-22.3	1.5	-14.3	-3.7	-7.4

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

£ 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
1998 Q1	15.6	8.6	-23.7	-23.6	5.1	3.7	11.8	17.7	6.3	1.8	20.3	11.7	11.8
1998 Q2	9.0	13.4	16.9	-35.7	8.7	-5.1	8.5	7.7	4.4	9.0	9.2	12.3	8.5
1998 Q3	5.4	9.0	27.2	5.1	2.9	24.7	6.4	0.1	-4.9	4.1	15.9	10.9	6.4
1998 Q4	5.0	13.1	21.8	-12.4	-2.7	-4.0	4.2	19.4	-3.9	-1.7	8.4	8.5	4.2
1999 Q1	1.6	3.1	-3.4	46.4	4.7	44.5	3.6	-1.7	1.1	4.0	6.0	4.8	3.6
1999 Q2	1.3	15.8	20.2	5.6	7.5	5.6	3.8	6.8	-0.8	8.1	5.3	2.0	3.8
1999 Q3	5.3	4.5	-36.8	28.2	13.8	18.2	6.9	12.4	9.9	11.0	4.9	1.6	6.9
1999 Q4	-0.1	-1.2	4.7	80.0	10.5	44.7	3.6	2.1	-1.9	10.3	6.5	0.7	3.6
2000 Q1	4.5	2.4	-8.9	-3.7	18.0	36.9	7.4	-17.3	9.0	16.0	10.4	4.5	7.4
2000 Q2	14.5	-0.1	-32.6	47.4	10.3	46.0	13.8	-3.0	36.5	8.5	8.2	8.2	13.8
2000 Q3	1.2	-2.6	19.0	-30.3	6.6	-20.7	0.4	-17.3	1.0	7.0	-2.8	6.3	0.4
2000 Q4	9.0	8.9	-1.1	-21.6	4.7	-2.4	7.4	0.8	17.5	4.5	3.8	6.6	7.4
2001 Q1	4.9	2.2	53.9	62.6	0.5	-6.9	3.9	-3.9	9.9	4.0	2.1	2.4	3.9
2001 Q2	0.3	23.0	99.5	28.6	1.0	-4.5	2.3	32.5	-18.4	3.6	14.9	0.7	2.3
2001 Q3	5.2	35.4	67.7	120.7	5.7	54.7	11.0	36.8	9.7	8.1	14.3	1.8	11.0
2001 Q4	-4.7	24.2	69.7	78.3	8.3	3.3	1.1	-7.2	0.8	11.2	-1.8	1.1	1.1
2002 Q1	-6.1	15.6	32.7	19.4	10.3	3.0	0.2	10.9	-5.5	12.2	-4.6	2.3	0.2
2002 Q2	-3.3	4.7	-14.1	22.9	17.1	3.7	1.1	-0.3	1.4	15.5	-6.6	1.5	1.1
2002 Q3	-1.0	7.3	-0.6	19.2	19.2	10.9	4.2	1.5	-0.1	18.0	-0.4	5.2	4.2
2002 Q4	7.3	7.3	39.5	121.5	27.5	24.8	12.5	23.2	1.1	28.2	14.6	6.2	12.5
2003 Q1	7.1	22.0	39.4	81.4	14.5	4.6	11.4	6.8	3.3	17.3	16.3	8.8	11.4
2003 Q2	-2.6	10.6	31.2	38.4	13.4	2.9	2.3	-19.0	-10.9	14.5	6.8	9.2	2.3
2003 Q3	-3.0	4.0	38.1	33.1	11.1	-2.6	1.0	-3.7	-8.1	12.5	-1.4	5.5	1.0
2003 Q4	-6.5	3.5	-6.6	-24.3	10.2	0.0	-2.1	-10.8	-14.2	9.0	-1.9	3.8	-2.1
2004 Q1	-5.4	10.8	-21.7	-12.3	22.7	34.7	3.3	-7.0	-7.8	17.0	5.2	2.1	3.3
2004 Q2	-6.0	29.4	8.6	52.7	14.1	31.4	4.3	4.2	0.5	13.5	1.8	2.1	4.3
2004 Q3	-3.1	23.7	-1.8	34.8	14.4	16.0	5.2	-9.7	-2.5	13.4	9.1	3.2	5.2
2004 Q4	-4.0	26.6	2.3	20.6	10.8	1.1	3.1	-9.8	2.5	10.1	1.1	3.2	3.1
2005 Q1	-6.1	25.5	6.9	-32.4	6.4	-17.9	0.9	-8.3	-4.9	6.3	-1.7	8.5	0.9
2005 Q2	60.5	-234.2	1.0	-35.8	11.0	-7.9	6.5	-11.5	7.9	10.4	6.5	7.6	6.5
2005 Q3	7.7	11.8	21.5	-7.4	7.1	12.6	8.5	-3.5	6.1	7.7	14.4	6.3	8.5
2005 Q4	8.4	7.9	12.0	2.5	5.3	42.7	9.9	8.9	5.5	5.6	16.8	8.5	9.9
2006 Q1	10.3	-3.3	32.8	80.6	5.8	62.2	10.1	18.4	8.5	7.9	15.4	2.7	10.1
2006 Q2	-29.5	-176.6	-4.2	6.3	3.3	30.9	5.5	13.2	-2.4	3.0	14.1	0.6	5.5
2006 Q3	11.0	3.0	10.1	0.0	0.8	18.7	8.1	27.6	7.3	1.3	13.3	2.7	8.1
2006 Q4	8.6	6.7	0.3	-6.1	2.4	9.6	6.9	23.3	2.8	2.2	12.2	2.6	6.9
2007 Q1	10.2	4.9	-2.6	-14.0	4.3	-2.6	6.6	4.0	7.1	3.6	8.0	7.9	6.6
2007 Q2	12.8	2.5	-1.2	0.8	4.7	8.5	9.3	16.0	0.9	4.5	16.5	8.2	9.3
2007 Q3	1.6	-3.7	-8.2	-4.7	3.6	17.6	2.6	-8.4	-0.4	2.8	4.3	5.8	2.6
2007 Q4	11.0	17.4	-2.6	-18.9	4.7	3.1	9.5	-13.6	6.4	4.2	18.9	8.6	9.5
2008 Q1	0.1	22.1	3.2	-24.9	-1.3	-4.2	3.3	-21.3	-4.0	-0.7	10.7	8.5	3.3
2008 Q2	0.2	24.2	5.0	-18.7	-3.5	6.7	2.4	-12.7	9.7	-3.2	2.4	8.9	2.4
2008 Q3	3.1	29.1	146.8	-44.9	-17.0	-31.3	0.0	-9.1	1.3	-7.7	0.7	9.7	0.0
2008 Q4	-7.6	14.0	138.3	-54.7	-20.2	-45.3	-8.5	5.8	-6.5	-10.8	-16.9	6.8	-8.5
2009 Q1	-8.1	12.2	70.4	-64.0	-29.5	-49.5	-9.2	-0.4	-5.4	-19.1	-11.9	1.9	-9.2
2009 Q2	-16.0	3.7	223.8	-53.6	-30.0	-33.6	-16.2	2.4	-23.3	-20.8	-22.4	-0.4	-16.2
2009 Q3	-15.4	14.8	-1.3	-18.0	-15.9	0.4	-9.2	2.6	-16.8	-14.0	-10.7	1.7	-9.2
2009 Q4	-15.1	1.0	0.2	19.6	-20.4	28.9	-10.4	-10.4	-18.3	-17.1	-8.7	0.4	-10.4
2010 Q1	-4.2	2.0	-3.0	25.7	-10.5	2.2	-3.2	20.1	-13.1	-8.9	-4.1	6.3	-3.2
2010 Q2	-2.5	6.3	1.0	16.5	7.1	9.4	1.5	-10.8	4.6	5.9	-4.5	7.7	1.5
2010 Q3	4.4	-3.9	-2.5	4.6	13.0	9.2	4.3	14.7	4.7	10.7	-2.9	6.7	4.3
2010 Q4	12.6	-5.0	-5.6	-12.6	21.4	5.8	9.1	85.4	11.8	16.2	-6.7	7.8	9.1
2011 Q1	-0.2	0.6	-5.1	-5.3	13.0	26.9	2.7	-34.1	12.3	8.8	0.3	4.3	2.7
2011 Q2	3.8	-8.7	-4.0	-23.9	4.8	-2.2	1.2	-27.1	6.8	3.6	3.4	0.4	1.2
2011 Q3	3.9	-6.4	-8.0	-30.9	0.6	-14.7	-0.5	-42.6	10.0	-0.7	0.1	3.4	-0.5
2011 Q4	3.1	-6.6	-6.9	-23.1	4.5	-3.2	0.9	-45.4	12.8	2.7	6.1	2.3	0.9
2012 Q1	12.2	-5.8	-9.4	-21.6	6.5	3.3	5.2	45.0	11.4	3.1	0.9	2.8	5.2
2012 Q2	6.2	7.2	-8.1	-7.0	1.5	6.6	5.0	-19.1	7.0	0.6	11.4	4.4	5.0
2012 Q3	3.2	-9.9	-6.5	-1.6	0.7	5.8	0.4	-22.9	-1.6	-0.1	4.0	1.1	0.4
2012 Q4	8.8	-6.1	-6.6	-4.9	1.0	6.8	4.4	-0.5	0.2	0.3	10.4	4.3	4.4
2013 Q1	0.0	-8.7	-8.3	11.0	0.9	12.5	-1.6	-44.2	-1.7	-0.6	0.1	4.6	-1.6
2013 Q2	9.2	-7.2	-7.0	6.3	14.9	12.1	7.5	21.4	-0.3	11.9	9.3	5.1	7.5
2013 Q3	8.9	6.7	-3.3	15.4	16.8	18.8	10.4	59.0	3.9	13.8	11.8	4.3	10.4
2013 Q4	0.8	9.2	-3.2	30.8	13.1	23.1	5.6	4.6	-0.7	10.6	8.8	1.8	5.6
2014 Q1	7.8	21.0	2.3	24.8	17.3	21.6	12.8	56.8	3.4	14.8	18.9	4.4	12.8
2014 Q2	8.6	4.9	23.3	38.8	4.6	23.9	8.8	67.9	10.1	6.4	7.5	1.8	8.8
2014 Q3	5.2	8.2	24.9	28.9	5.6	12.2	6.8	36.9	7.4	7.8	5.2	2.3	6.8
2014 Q4	8.8	7.0	26.2	16.3	3.7	5.7	7.8	36.4	6.5	6.3	6.3	6.5	7.8
2015 Q1	11.6	-1.3	18.0	11.9	1.3	4.2	6.6	85.5	1.4	3.8	6.9	-1.8	6.6
2015 Q2	8.2	14.9	-9.8	-4.2	10.8	-6.9	7.8	6.1	-0.8	8.5	13.8	5.5	7.8
2015 Q3	7.6	-0.3	-6.8	3.3	5.4	-0.8	4.9	-9.4	-0.9	3.8	11.1	4.3	4.9
2015 Q4	11.0	-6.8	-11.4	5.6	8.1	7.6	6.9	18.6	7.0	5.4	9.8	0.4	6.9
2016 Q1	7.2	-5.8	-7.3	-15.2	9.0	22.7	5.0	-2.7	6.0	6.6	4.2	6.7	5.0
2016 Q2	10.1	1.3	13.3	54.0	1.2	12.2	7.5	35.2	13.6	2.4	5.7	3.3	7.5
2016 Q3	11.0	9.8	3.2	-1.6	3.9	5.7	8.8	79.6	10.6	3.8	4.6	4.1	8.8
2016 Q4	-0.3	9.4	7.6	5.3	5.9	3.8	2.6	-2.2	3.0	6.1	0.0	4.7	2.6
2017 Q1	4.3	3.5	6.0	2.4	11.4	-23.0	3.6	-11.4	17.2	10.3	-0.4	-1.2	3.6
2017 Q2	2.9	8.8	8.0	6.9	12.1	-28.5	3.1	-1.6	17.9	11.7	-5.9	-0.3	3.1
2017 Q3	3.8	4.3	8.4	12.4	12.9	-26.6	3.3	-18.1	16.8	12.4	-1.5	0.2	3.3
2017 Q4	7.2	6.5	-16.8	4.5	17.6	-30.1	5.5	-10.4	20.7	13.6	-1.6	1.8	5.5
2018 Q1	1.5	4.0	-37.5	0.6	13.3	-1.9	2.7	-6.3	0.4	6.1	0.9	7.2	2.7
2018 Q2	-1.0	0.0	-57.8	-3.8	14.9	-3.6	0.9	-21.4	-5.6	7.6	-0.4	9.6	0.9
2018 Q3	-0.7	7.7	-49.1	-2.9	13.5	-2.5	2.0	-30.4	-2.1	6.4	3.2	8.8	2.0
2018 Q4	-0.2	4.5	-38.7	-1.0	7.1	-0.9	1.2	-19.0	-6.3	3.2	4.4	6.3	1.2
2019 Q1	4.6	12.4	-4.5	-1.2	7.8	-0.7	6.3	-19.8	7.6	6.8	10.3	4.8	6.3
2019 Q2	4.8	9.1	-7.6	-1.7	2.8	-1.2	4.5	14.8	-7.8	2.4	13.4	1.1	4.5

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.

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	111 451	15 433	1 623	451	25 561	7 556	162 077	12 697	41 465	27 184	49 486	31 245	162 077
1998	121 048	17 078	1 632	370	26 410	7 897	174 437	14 098	41 569	28 042	56 105	34 621	174 437
1999	123 445	17 874	1 529	522	28 830	10 004	182 204	14 737	42 360	30 389	59 315	35 404	182 204
2000	132 377	18 284	1 421	479	31 612	11 063	195 233	13 330	48 987	33 089	62 167	37 663	195 233
2001	134 059	21 766	2 387	813	32 832	12 075	203 930	15 253	48 783	35 310	66 364	38 220	203 930
2002	132 968	23 759	2 837	1 194	38 956	13 388	213 105	16 365	48 363	41 877	66 822	39 679	213 105
2003	131 095	26 287	3 509	1 472	43 701	13 500	219 566	15 115	44 723	47 370	69 993	42 364	219 566
2004	124 999	31 850	3 235	1 720	50 368	16 110	228 283	14 297	43 809	53 718	72 966	43 492	228 283
2005	146 230	20 295	3 574	1 410	54 099	17 275	242 883	13 676	45 298	57 719	79 335	46 856	242 883
2006	141 770	36 462	4 048	1 659	55 735	21 833	261 507	16 481	47 142	59 792	90 209	47 882	261 507
2007	154 293	38 512	3 897	1 481	58 145	23 346	279 677	16 363	48 842	62 045	100 889	51 539	279 677
2008	152 365	46 856	6 536	951	52 018	18 562	277 288	14 741	48 643	58 569	99 445	55 889	277 288
2009	131 474	50 732	8 845	589	39 294	15 278	246 211	14 531	40 938	48 140	86 206	56 396	246 211
2010	134 779	50 536	8 600	625	42 267	16 378	253 187	18 121	41 495	50 862	82 292	60 418	253 187
2011	138 405	48 287	8 081	496	44 522	16 029	255 822	11 144	45 889	52 595	84 201	61 992	255 822
2012	148 891	46 155	7 454	447	45 533	16 955	265 435	11 146	47 718	53 102	89 544	63 925	265 435
2013	155 667	45 659	7 035	521	50 827	19 854	279 564	11 321	47 827	57 862	96 113	66 441	279 564
2014	167 496	50 905	8 300	655	54 545	22 805	304 707	16 730	51 036	62 845	105 159	68 935	304 707
2015	183 577	51 158	8 130	687	58 084	22 988	324 623	20 202	51 960	66 214	115 924	70 324	324 623
2016	195 976	52 418	8 362	725	60 904	25 310	343 694	24 623	56 103	69 319	120 020	73 630	343 694
2017	204 945	55 290	8 464	773	69 191	18 417	357 080	22 064	66 328	77 655	117 290	73 743	357 080
2018	204 716	57 566	4 622	759	77 510	18 010	363 183	17 724	64 026	82 134	119 700	79 599	363 183

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	8.6	10.7	0.6	-18.0	3.3	4.5	7.6	11.0	0.3	3.2	13.4	10.8	7.6
1999	2.0	4.7	-6.3	41.1	9.2	26.7	4.5	4.5	1.9	8.4	5.7	2.3	4.5
2000	7.2	2.3	-7.1	-8.2	9.6	10.6	7.2	-9.5	15.6	8.9	4.8	6.4	7.2
2001	1.3	19.0	68.0	69.7	3.9	9.1	4.5	14.4	-0.4	6.7	6.8	1.5	4.5
2002	-0.8	9.2	18.9	46.9	18.7	10.9	4.5	7.3	-0.9	18.6	0.7	3.8	4.5
2003	-1.4	10.6	23.7	23.3	12.2	0.8	3.0	-7.6	-7.5	13.1	4.7	6.8	3.0
2004	-4.7	21.2	-7.8	16.8	15.3	19.3	4.0	-5.4	-2.0	13.4	4.2	2.7	4.0
2005	17.0	-36.3	10.5	-18.0	7.4	7.2	6.4	-4.3	3.4	7.4	8.7	7.7	6.4
2006	-3.0	79.7	13.3	17.7	3.0	26.4	7.7	20.5	4.1	3.6	13.7	2.2	7.7
2007	8.8	5.6	-3.7	-10.7	4.3	6.9	6.9	-0.7	3.6	3.8	11.8	7.6	6.9
2008	-1.2	21.7	67.7	-35.8	-10.5	-20.5	-0.9	-9.9	-0.4	-5.6	-1.4	8.4	-0.9
2009	-13.7	8.3	35.3	-38.1	-24.5	-17.7	-11.2	-1.4	-15.8	-17.8	-13.3	0.9	-11.2
2010	2.5	-0.4	-2.8	6.1	7.6	7.2	2.8	24.7	1.4	5.7	-4.5	7.1	2.8
2011	2.7	-4.5	-6.0	-20.6	5.3	-2.1	1.0	-38.5	10.6	3.4	2.3	2.6	1.0
2012	7.6	-4.4	-7.8	-9.9	2.3	5.8	3.8	0.0	4.0	1.0	6.3	3.1	3.8
2013	4.6	-1.1	-5.6	16.6	11.6	17.1	5.3	1.6	0.2	9.0	7.3	3.9	5.3
2014	7.6	11.5	18.0	25.7	7.3	14.9	9.0	47.8	6.7	8.6	9.4	3.8	9.0
2015	9.6	0.5	-2.0	4.9	6.5	0.8	6.5	20.8	1.8	5.4	10.2	2.0	6.5
2016	6.8	2.5	2.9	5.5	4.9	10.1	5.9	21.9	8.0	4.7	3.5	4.7	5.9
2017	4.6	5.5	1.2	6.6	13.6	-27.2	3.9	-10.4	18.2	12.0	-2.3	0.2	3.9
2018	-0.1	4.1	-45.4	-1.8	12.0	-2.2	1.7	-19.7	-3.5	5.8	2.1	7.9	1.7

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G1R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (reference year = 2016)

	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	-229	584	151	3	1526	155	1789	0	-1322	1650	2764	-598	1789
1997 Q2	-650	319	5	3	1538	80	918	41	-1556	1494	1887	- 515	918
1997 Q3	-195	645	-19	2	1368	377	1995	144	-1373	1296	2327	-225	1995
1997 Q4	-164	596	18	2	1375	509	2099	17	-1281	1339	1959	122	2099
1998 Q1	112	586	35	1	866	505	2176	123	-1705	863	2390	545	2176
1998 Q2	-247	621	16	1	777	689	1915	80	-1937	756	2323	700	1915
1998 Q3	-258	507	39	1	823	914	2064	134	-1669	828	2042	678	2064
1998 Q4	-1361	612	57	1	1059	626	757	127	-2025	1075	1204	430	757
1999 Q1	-1028	845	31	1	1245	466	1290	658	-1876	1229	1137	16	1290
1999 Q2	-963	264	-12	1	1563	398	886	1016	-1913	1501	760	-335	886
1999 Q3	-850	386	63	2	1671	440	1349	1204	-1552	1681	400	-441	1349
1999 Q4	-497	595	48	1	1678	373	1812	1127	-857	1675	343	-482	1812
2000 Q1	-358	737	-74	1	1445	497	2011	852	-975	1298	1161	-408	2011
2000 Q2	-408	422	85	1	1419	523	1883	626	-457	1457	-53	-169	1883
2000 Q3	-416	455	57	1	1306	447	1405	595	-681	1316	-274	- 38	1405
2000 Q4	118	691	49	1	1341	516	2594	897	-221	1342	23	-28	2594
2001 Q1	944	596	106	2	1502	424	3499	1113	-484	1548	840	102	3499
2001 Q2	1525	-2	-16	2	1649	393	3604	1324	-721	1596	706	232	3604
2001 Q3	1875	471	40	2	1999	339	4574	1317	-562	1992	1062	305	4574
2001 Q4	2319	1030	57	2	2236	233	5613	1314	-161	2245	1333	369	5613
2002 Q1	1477	982	206	2	2667	184	5013	327	-790	2815	2505	216	5013
2002 Q2	402	-439	23	2	2966	130	2279	234	-1522	2935	599	302	2279
2002 Q3	1801	881	-28	2	3078	267	5469	228	-414	2973	2121	572	5469
2002 Q4	2495	1171	14	3	2998	246	6460	164	290	2949	2908	753	6460
2003 Q1	2324	1334	342	4	2380	333	6319	143	-1286	2683	3772	1 068	6319
2003 Q2	2591	-188	-70	3	2215	319	4696	365	-810	2131	1253	1 285	4696
2003 Q3	2400	901	-69	3	2198	284	5377	532	-1078	2052	2082	1 442	5377
2003 Q4	2704	1103	30	3	2275	184	5845	769	-1270	2235	2640	1 406	5845
2004 Q1	2596	880	87	2	2535	184	5845	529	-1476	2544	3097	1 333	5845
2004 Q2	1679	501	-18	3	2668	- 66	4231	744	-1332	2600	783	1400	4231
2004 Q3	2078	667	39	2	2869	-197	4865	739	-1321	2826	1 474	1 230	4865
2004 Q4	2061	781	75	2	2887	-99	5119	822	-1347	2896	2 019	951	5119
2005 Q1	2259	1333	84	1	2654	79	5925	937	-705	2670	2 056	982	5925
2005 Q2	2591	-1 185	13	2	2669	81	3561	600	205	2616	1 522	827	3561
2005 Q3	1874	595	48	2	2612	22	4703	894	-1100	2592	1 301	891	4703
2005 Q4	3231	621	39	2	2485	148	6178	1224	-442	2464	1 910	905	6178
2006 Q1	3082	1057	162	3	2467	347	6732	1251	-200	2580	2 230	909	6732
2006 Q2	3110	242	4	2	2405	312	5728	1231	-669	2342	1 865	845	5728
2006 Q3	3010	322	23	1	2353	51	5379	1437	-919	2318	1 704	776	5379
2006 Q4	2349	566	0	1	2412	20	4921	1380	-1196	2353	1 741	617	4921
2007 Q1	2082	520	20	1	2313	1	4514	1636	-1559	2267	1 495	565	4514
2007 Q2	2665	144	84	1	2277	-148	4605	1602	-1417	2304	1 595	345	4605
2007 Q3	1316	591	43	0	2096	- 74	3547	1395	-1115	2083	712	302	3547
2007 Q4	1783	783	17	1	2032	715	5033	1133	-1475	1997	2844	327	5033
2008 Q1	781	631	-73	0	1580	1540	4305	1665	-1756	1453	2322	353	4305
2008 Q2	379	363	182	1	1523	1874	4231	640	-1657	1677	2889	510	4231
2008 Q3	240	893	35	0	1187	1499	3823	687	-1319	1221	2319	686	3823
2008 Q4	1197	508	98	1	1114	1321	4199	993	-1614	1218	2337	1 023	4199
2009 Q1	-105	710	267	1	1054	1515	3385	811	-1756	1338	1569	1 168	3385
2009 Q2	1610	514	-168	0	991	1861	4801	1508	-891	815	1681	1 415	4801
2009 Q3	1296	742	89	0	1013	2204	5323	1417	-1107	1026	2096	1 549	5323
2009 Q4	982	552	157	0	944	2175	4804	1291	-1546	1111	2040	1 621	4804
2010 Q1	343	943	176	1	1203	1512	4140	1200	-1850	1374	1309	1 849	4140
2010 Q2	201	466	-24	1	1253	2127	3963	906	-1753	1226	1527	1 818	3963
2010 Q3	-20	693	67	0	1246	2458	4385	935	-2140	1315	2154	1 930	4385
2010 Q4	694	888	114	1	1166	2096	4937	1628	-2510	1284	1930	2 339	4937
2011 Q1	-1277	966	111	1	971	2010	2696	520	-2352	1088	1479	1833	2696
2011 Q2	-1173	548	54	-1	908	1871	2175	546	-2838	967	1324	1 952	2175
2011 Q3	-1764	605	66	0	854	1695	1406	295	-3322	925	1206	2 087	1406
2011 Q4	-2108	426	78	1	948	1875	1184	172	-3400	996	1016	2 157	1184
2012 Q1	-1998	864	62	1	1061	1970	1905	389	-3013	1078	1001	2 184	1905
2012 Q2	-1356	459	81	-1	1086	1935	2182	-263	-1527	1184	638	2 062	2182
2012 Q3	-2180	461	70	0	1108	1853	1279	-419	-2112	1180	564	1 977	1279
2012 Q4	-1891	507	59	0	1129	1948	1797	241	-2789	1177	937	2 017	1797
2013 Q1	-1771	792	27	3	1139	2014	2224	105	-2705	1164	1570	1883	2224
2013 Q2	-802	264	92	-2	1116	1953	2712	136	-1563	1204	1081	1793	2712
2013 Q3	-2353	552	62	0	1020	2032	1325	-110	-2638	1078	1218	1680	1325
2013 Q4	-2055	412	65	0	825	2130	1379	135	-2732	887	1374	1598	1379
2014 Q1	-1639	980	50	4	619	2144	2117	113	-3157	666	2379	2 011	2117
2014 Q2	-1322	369	62	-4	386	2273	1763	176	-2807	449	1660	2113	1763
2014 Q3	-1539	264	53	1	151	2248	1143	258	-3158	205	1566	2113	1143
2014 Q4	-850	7	55	-1	-135	2266	1340	404	-3 102	-77	1574	2381	1340
2015 Q1	-544	616	29	6	-213	2203	2090	-70	-2699	-182	2210	2793	2090
2015 Q2	-299	-429	19	-5	-320	2352	1313	-946	-2938	-302	2458	3014	1313
2015 Q3	644	-335	-46	0	-396	2264	2128	-814	-2452	-442	2794	3018	2128
2015 Q4	752	-292	17	-1	-728	2314	2068	182	-2153	-711	1724	2965	2068
2016 Q1	2252	-8	-7	7	-1086	2332	3483	-45	-916	-1065	2230	3272	3483
2016 Q2	2332	-19	-13	-8	-1311	1993	2978	-342	-1480	-1314	2878	3233	2978
2016 Q3	2415	12	-61	1	-1447	1988	2909	-190	-1070	-1499	2410	3269	2909
2016 Q4	1943	333	39	0	-1423	1986	2878	-654	-2060	-1376	3781	3186	2878
2017 Q1	3148	343	-11	4	-1623	209	2071	-521	558	-1514	606	2942	2071
2017 Q2	3125	57	-50	-4	-1648	203	1683	-330	867	-1648	-96	2890	1683
2017 Q3	2824	-114	62	0	-1684	19	1107	13	188	-1712	-116	2734	1107
2017 Q4	2734	118	47	1	-1379	7	1528	-80	-178	-1412	419	2779	1528
2018 Q1	2520	13	-190	4	-1057	76	1366	-739	-94	-1249	66	3382	1366
2018 Q2	2423	152	168	-3	-1374	97	1463	-884	-210	-1207	-114	3878	1463
2018 Q3	2292	151	27	0	-1468	127	1129	-921	-9	-1440	-510	4009	1129
2018 Q4	2207	391	86	-2	-1175	92	1599	-672	453	-1087	-701	3606	1599
2019 Q1	2430	-153	-183	-1	-887	111	1317	-520	-341	-1070	-438	3686	1317
2019 Q2	2476	-271	107	-3	-1129	137	1317	-24	-2123	-1020	1354	3130	1317

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G2R Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

	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	-1.3	-4.1	-8.5	-0.4	0.2	-5.0	-1.7	1.3	-1.6	-0.7	-6.8	0.9	-1.7
1997 Q3	1.4	5.5	-2.8	-0.1	-1.4	10.2	1.9	3.4	2.9	-1.5	2.1	2.9	1.9
1997 Q4	0.1	-0.5	4.9	0.2	-0.6	3.5	0.1	-3.9	1.2	-0.3	-2.2	3.4	0.1
1998 Q1	0.8	-0.8	2.1	-0.6	-2.4	3.1	0.1	3.3	-4.4	-2.3	1.8	3.9	0.1
1998 Q2	-1.0	0.3	-2.5	0.0	-0.7	5.2	-0.5	-0.8	-0.9	-0.9	-0.3	1.4	-0.5
1998 Q3	0.0	-1.6	2.5	-0.2	0.4	7.6	0.2	1.7	1.8	0.6	-1.8	-0.3	0.2
1998 Q4	-3.0	1.3	2.4	0.2	1.5	-7.7	-2.1	-0.7	-2.3	1.5	-3.5	-2.4	-2.1
1999 Q1	0.8	3.5	-2.4	-0.5	1.3	-13.7	0.8	14.7	1.4	1.1	-0.3	-3.6	0.8
1999 Q2	0.1	-9.1	-7.0	0.2	1.8	-1.0	-0.6	13.5	-0.6	1.3	-1.7	-3.2	-0.6
1999 Q3	0.4	1.9	7.4	0.5	0.4	-1.3	0.7	5.6	4.0	1.1	-1.7	-0.9	0.7
1999 Q4	0.8	3.4	-6.8	-0.6	0.2	-3.4	0.8	-4.9	4.6	0.0	-0.2	-0.3	0.8
2000 Q1	0.4	2.4	-13.6	0.1	-2.1	2.8	0.2	-5.0	-0.2	-2.8	3.4	0.9	0.2
2000 Q2	-0.1	-5.8	27.7	-0.1	-0.1	0.5	-0.4	-10.6	6.4	0.9	-4.9	2.0	-0.4
2000 Q3	-0.1	1.2	-5.0	0.1	-0.5	3.4	-0.5	1.1	-2.3	-0.7	-0.9	1.0	-0.5
2000 Q4	1.4	3.1	-1.6	-0.1	0.3	-5.5	1.8	6.2	4.4	0.3	1.5	0.0	1.8
2001 Q1	2.1	-0.2	5.8	0.2	1.1	-3.4	1.4	11.2	-2.2	1.2	3.5	1.1	1.4
2001 Q2	1.4	-12.9	-15.3	0.0	1.1	-1.5	0.0	-9.0	-2.1	0.3	-0.8	1.1	0.0
2001 Q3	1.0	6.4	4.8	-0.1	1.8	-1.7	1.5	2.0	1.5	2.1	1.5	0.7	1.5
2001 Q4	1.3	6.9	1.5	0.0	1.7	-2.0	1.7	6.2	3.5	1.7	1.5	0.6	1.7
2002 Q1	-2.3	0.9	12.3	-0.1	2.3	-1.7	-0.9	-43.8	-5.1	2.9	5.6	-1.3	-0.9
2002 Q2	-3.0	-18.3	-11.3	-0.1	1.0	-1.7	-4.3	-4.2	-6.0	0.1	-9.1	0.8	-4.3
2002 Q3	3.6	23.3	-5.0	0.0	0.3	3.2	4.6	0.1	10.0	-0.1	7.0	2.2	4.6
2002 Q4	1.6	3.0	4.7	-0.3	-1.9	-0.7	1.0	-1.8	1.1	-1.7	2.7	1.5	1.0
2003 Q1	-0.4	1.6	21.3	0.2	-1.9	2.7	-0.1	-0.2	-7.4	-0.4	3.6	2.5	-0.1
2003 Q2	0.9	-14.8	-18.2	0.0	-1.7	-0.6	-1.9	5.9	2.6	-3.3	-9.4	1.6	-1.9
2003 Q3	-0.4	13.7	0.4	0.0	-0.4	-1.1	0.9	3.6	-2.0	-0.6	3.9	1.3	0.9
2003 Q4	0.9	2.8	6.8	0.0	0.0	-3.0	0.6	7.0	-2.1	0.5	2.2	-0.1	0.6
2004 Q1	-0.5	-3.6	4.7	-0.3	1.2	-0.8	-0.3	-6.2	-0.9	1.4	1.2	-0.6	-0.3
2004 Q2	-2.1	-5.5	-9.7	0.1	0.9	-5.0	-2.2	5.7	1.2	0.4	-9.2	0.3	-2.2
2004 Q3	1.2	1.5	4.3	-0.1	0.7	-2.6	0.8	1.1	-0.2	0.9	2.9	-1.7	0.8
2004 Q4	0.0	1.1	3.0	0.0	0.1	1.7	0.4	3.2	-0.1	0.4	2.5	-2.3	0.4
2005 Q1	0.6	3.6	1.1	-0.1	-1.0	4.1	1.0	4.4	5.7	-0.8	-0.1	0.0	1.0
2005 Q2	-3.0	-0.9	-7.0	0.2	-0.2	-0.1	-3.5	-12.7	6.8	-0.5	-2.4	-1.3	-3.5
2005 Q3	0.2	7.1	2.8	-0.1	0.0	-1.5	1.5	8.6	-9.8	0.1	-1.3	0.5	1.5
2005 Q4	3.5	0.5	-0.7	0.0	-0.4	2.5	1.9	9.4	4.8	-0.4	2.4	0.0	1.9
2006 Q1	-0.4	4.3	9.3	0.2	-0.1	3.2	0.7	-3.9	1.8	0.4	1.3	0.2	0.7
2006 Q2	-0.1	-8.2	-9.1	0.0	-0.2	0.0	-1.3	2.9	-3.4	-0.8	-1.6	-0.5	-1.3
2006 Q3	-0.7	0.7	1.6	-0.3	0.1	-4.8	-0.7	0.2	-1.6	0.1	-0.9	-0.6	-0.7
2006 Q4	-1.7	2.2	-1.7	0.0	0.3	-0.6	-0.6	-3.0	-1.9	0.2	0.1	-1.2	-0.6
2007 Q1	-0.8	0.0	1.7	0.0	-1.1	-0.3	-0.6	9.4	-2.1	-0.8	-0.8	-0.4	-0.6
2007 Q2	1.2	-4.3	5.2	0.0	-0.1	-2.4	-0.1	-3.1	0.8	0.4	-0.1	-1.6	-0.1
2007 Q3	-2.7	4.1	-3.7	-0.3	-0.5	1.5	-1.0	-0.2	2.2	-0.7	-2.7	-0.3	-1.0
2007 Q4	0.9	0.8	-2.4	0.2	-0.4	11.8	1.6	-7.0	-1.9	-0.5	7.5	0.1	1.6
2008 Q1	-1.8	-1.2	-8.2	-0.3	-2.3	15.3	-0.5	23.2	-2.3	-2.8	-0.9	0.1	-0.5
2008 Q2	-1.0	-2.1	19.9	0.3	0.0	6.2	-0.2	-65.4	1.2	1.5	1.9	1.0	-0.2
2008 Q3	-0.3	4.0	-36.7	-0.2	-0.4	4.6	-0.2	3.0	1.5	-1.7	-1.2	1.2	-0.2
2008 Q4	2.3	-3.5	2.6	0.5	-0.2	5.8	0.6	8.5	-2.5	0.2	0.3	2.2	0.6
2009 Q1	-2.9	1.4	7.2	0.2	0.3	3.4	-0.8	-0.8	-1.9	1.4	-2.7	1.2	-0.8
2009 Q2	4.6	-1.1	-19.9	-1.1	0.1	5.3	2.2	20.5	4.7	-3.2	0.8	1.8	2.2
2009 Q3	-0.8	1.3	10.1	0.0	0.2	7.4	0.7	-0.8	-1.7	1.6	1.5	0.9	0.7
2009 Q4	-0.9	-1.1	2.9	0.0	0.1	-1.8	-0.6	-0.3	-4.0	1.1	-0.4	0.5	-0.6
2010 Q1	-2.0	2.5	0.8	0.5	2.0	-12.4	-1.2	-12.0	-2.5	1.8	-3.1	1.1	-1.2
2010 Q2	-0.4	-2.8	-8.8	0.0	-0.7	13.0	-0.3	-5.8	1.8	-2.0	1.3	-0.5	-0.3
2010 Q3	-0.6	1.5	3.7	-0.5	-0.5	4.8	0.5	-5.5	-2.9	0.4	2.5	0.7	0.5
2010 Q4	1.9	1.4	2.0	0.6	-0.6	-3.9	0.7	9.0	-2.4	-0.2	-0.6	2.7	0.7
2011 Q1	-5.0	0.2	-0.1	0.0	-1.4	-3.5	-2.9	-3.7	0.9	-1.2	-2.5	-3.3	-2.9
2011 Q2	0.4	-2.1	-2.4	-1.2	-0.6	-1.8	-0.7	1.7	-3.1	-0.9	-0.3	1.0	-0.7
2011 Q3	-1.5	0.4	0.7	0.7	-0.4	-3.7	-1.2	-11.0	-2.8	-0.2	-0.6	0.4	-1.2
2011 Q4	-0.7	-1.2	0.7	0.8	0.6	1.9	-0.4	-10.1	0.2	0.4	-0.8	0.5	-0.4
2012 Q1	0.4	3.3	-0.7	0.0	0.9	1.6	1.0	6.2	2.7	0.6	-0.1	0.1	1.0
2012 Q2	1.4	-3.2	1.0	-1.7	0.6	-0.5	0.5	-14.3	8.8	1.0	-1.6	-0.9	0.5
2012 Q3	-2.0	0.4	-0.4	0.9	0.2	-2.1	-1.3	-6.7	-4.4	0.0	-0.2	-0.6	-1.3
2012 Q4	1.1	0.3	-0.5	0.0	-0.1	-0.2	0.7	36.1	-3.7	-0.2	1.5	-0.1	0.7
2013 Q1	0.0	2.7	-1.6	2.6	0.1	-1.2	0.7	-2.2	0.3	-0.1	2.7	-0.9	0.7
2013 Q2	2.5	-5.4	3.4	-3.6	-1.0	-3.6	0.6	1.0	6.9	-0.3	-2.7	-0.7	0.6
2013 Q3	-3.7	2.3	-1.6	1.8	-0.8	-2.6	-2.1	-12.3	-7.3	-0.9	0.5	-0.6	-2.1
2013 Q4	0.6	-1.2	0.1	0.0	-1.4	-0.5	0.1	7.5	-0.5	-1.2	0.6	-0.6	0.1
2014 Q1	1.1	4.0	-0.9	2.7	-1.6	2.1	1.0	-1.0	-2.2	-1.6	3.6	2.4	1.0
2014 Q2	0.9	-3.3	0.2	-4.9	-1.5	-3.2	-0.5	1.2	3.0	-1.3	-2.4	0.9	-0.5
2014 Q3	-0.5	-1.0	-0.6	3.3	-1.8	0.0	-0.8	1.8	-2.2	-1.6	-0.3	0.0	-0.8
2014 Q4	1.6	-2.0	0.1	-1.1	-2.0	1.9	0.2	3.3	-0.1	-1.7	-0.1	1.2	0.2
2015 Q1	0.7	4.6	-1.1	4.2	-0.6	2.9	0.9	-14.7	2.0	-0.7	2.1	3.2	0.9
2015 Q2	0.5	-7.4	-0.2	-5.4	-0.6	-1.7	-1.0	-14.1	-1.6	-0.7	0.7	0.6	-1.0
2015 Q3	2.0	0.5	-3.4	3.7	-0.5	-2.9	1.0	0.3	3.3	-0.8	1.3	0.2	1.0
2015 Q4	0.2	0.3	3.1	-0.5	-2.2	-0.8	-0.2	27.0	3.0	-1.5	-3.6	-0.3	-0.2
2016 Q1	3.2	2.3	-1.2	4.5	-2.2	-3.2	1.7	-5.0	7.5	-2.0	1.8	1.7	1.7
2016 Q2	0.1	0.0	-0.3	-11.9	-1.4	-1.5	-0.7	-4.8	-3.7	-1.3	2.2	-0.4	-0.7
2016 Q3	0.1	0.2	-2.3	3.1	-0.8	0.5	-0.2	3.4	2.5	-1.0	-1.8	0.2	-0.2
2016 Q4	-0.9	2.3	4.9	-0.6	0.3	-2.7	0.0	-7.0	-6.8	0.8	4.7	-0.6	0.0
2017 Q1	2.5	0.1	-2.4	2.2	-0.9	-29.3	-1.0	2.4	18.6	-0.5	-10.7	-1.1	-1.0
2017 Q2	-0.1	-2.3	-1.8	-5.5	-0.2	0.0	-0.5	3.5	1.8	-0.7	-2.4	-0.6	-0.5
2017 Q3	-0.7	-1.2	4.8	1.6	-0.1	-4.1	-0.7	5.2	-4.1	-0.2	-0.1	-1.2	-0.7
2017 Q4	-0.2	1.7	-0.2	0.5	2.3	-0.3	0.4	-1.6	-2.3	1.8	1.9	-0.1	0.4
2018 Q1	-0.4	-0.7	-13.0	1.7	2.0	1.6	-0.1	-13.1	0.5	0.8	-1.2	3.2	-0.1
2018 Q2	-0.2	1.0	26.6	-4.7	-1.6	0.6	0.2	-4.3	-0.8	0.2	-0.6	2.6	0.2
2018 Q3	-0.2	-0.1	-13.3	1.3	-0.5	0.6	-0.4	-2.9	1.4	-1.2	-1.3	0.6	-0.4
2018 Q4	-0.1	1.7	5.8	-1.1	1.5	-0.8	0.5	6.8	3.0	1.7	-0.7	-2.0	0.5
2019 Q1	0.4	-3.9	-27.5	0.4	1.6	0.5	-0.3	2.3	-5.2	0.1	1.0	0.0	-0.3
2019 Q2	0.1	-0.9	23.9	-1.1	-1.3	0.6	0.1	15.7	-11.9	0.2	6.0	-3.1	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

£ million (reference year = 2016)

	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	1.2	-0.7	-5.8	-0.8	-4.7	15.0	0.3	4.0	-2.3	-4.9	-5.0	11.9	0.3
1998 Q2	1.4	4.6	1.3	-0.4	-5.6	20.2	1.6	1.1	-1.5	-5.2	1.7	12.1	1.6
1998 Q3	-0.2	-2.6	8.1	-0.7	-3.5	20.8	-0.1	-0.5	-2.3	-2.9	-2.6	8.7	-0.1
1998 Q4	-3.3	-0.9	4.9	-0.5	-1.3	6.4	-2.4	3.4	-6.2	-1.1	-4.1	2.8	-2.4
1999 Q1	-3.1	3.7	0.0	-0.4	2.6	-10.3	-1.6	14.5	0.3	2.4	-6.3	-5.2	-1.6
1999 Q2	-1.9	-6.1	-3.4	-0.1	5.0	-14.5	-1.7	28.1	0.4	4.5	-7.8	-9.8	-1.7
1999 Q3	-1.5	-2.3	4.2	0.5	5.3	-27.2	-1.3	33.1	2.6	5.3	-7.7	-10.4	-1.3
1999 Q4	2.1	0.0	-0.9	-0.7	3.9	-24.8	1.6	27.8	9.1	3.6	-4.2	-8.2	1.6
2000 Q1	1.8	-1.1	-13.4	0.1	0.5	-3.3	1.0	9.3	8.2	-0.3	-0.3	-3.9	1.0
2000 Q2	1.8	2.4	9.9	-0.3	-1.5	-1.4	1.5	-15.3	17.8	-0.6	-3.7	1.8	1.5
2000 Q3	1.1	1.5	-3.4	-0.1	-2.5	4.1	0.1	-17.2	7.0	-2.4	-2.7	3.8	0.1
2000 Q4	1.7	1.0	0.5	0.1	-2.4	4.7	1.1	-9.7	7.0	-2.2	-1.3	4.2	1.1
2001 Q1	3.3	-1.7	37.1	0.3	0.8	-0.8	2.2	9.9	4.7	1.6	-1.2	4.2	2.2
2001 Q2	4.6	-7.2	-24.5	0.4	1.8	-2.8	2.5	17.1	-2.5	1.0	3.2	3.3	2.5
2001 Q3	6.0	-2.5	-7.2	-0.2	4.3	-16.9	4.8	19.2	1.6	3.8	6.3	2.8	4.8
2001 Q4	5.6	2.7	-2.5	0.2	5.7	-9.1	4.6	15.1	0.6	5.3	5.5	3.3	4.6
2002 Q1	1.5	4.3	6.5	-0.2	7.1	-7.4	2.3	-43.3	-2.5	7.1	7.4	1.0	2.3
2002 Q2	-2.6	-5.9	3.3	-0.2	7.4	-7.4	-1.9	-32.9	-6.6	7.2	0.0	0.6	-1.9
2002 Q3	-0.1	4.5	-5.9	-0.1	5.6	-2.8	1.2	-36.2	1.7	4.8	4.7	2.2	1.2
2002 Q4	-0.1	0.3	-5.4	-0.5	2.1	-1.1	0.2	-59.4	-1.0	1.5	6.5	3.2	0.2
2003 Q1	2.0	1.0	4.7	0.2	-2.7	3.9	1.2	-6.0	-3.4	-2.0	4.3	7.3	1.2
2003 Q2	5.7	5.8	-9.4	0.1	-5.4	4.8	3.5	4.0	5.9	-5.6	2.9	8.2	3.5
2003 Q3	1.7	-0.1	-3.0	0.1	-6.2	0.8	-0.1	7.7	-5.2	-6.2	0.3	7.0	-0.1
2003 Q4	1.0	0.0	1.2	0.2	-4.3	-1.3	-0.4	14.4	-7.6	-3.7	-0.2	5.2	-0.4
2004 Q1	1.0	-4.9	-8.0	-0.3	-0.9	-6.7	-0.6	9.9	-1.9	-1.9	-2.8	2.2	-0.6
2004 Q2	-2.0	9.2	4.0	-0.4	1.8	-12.4	-0.9	10.5	-3.9	1.9	-2.3	0.9	-0.9
2004 Q3	-0.6	-4.4	7.1	-0.4	2.9	-13.2	-0.9	7.1	-2.0	3.4	-3.5	-2.2	-0.9
2004 Q4	-1.6	-7.2	3.7	-0.3	2.9	-6.6	-1.2	3.4	0.0	3.1	-2.9	-4.4	-1.2
2005 Q1	-0.6	0.9	0.1	0.0	0.7	-1.4	0.0	13.1	6.6	0.8	-4.0	-4.0	0.0
2005 Q2	-0.5	-6.6	2.4	0.0	-0.4	2.7	-1.3	-2.6	12.3	-0.2	3.1	-5.7	-1.3
2005 Q3	-1.0	-1.1	0.5	0.0	-1.1	4.8	-0.6	4.6	2.8	-0.9	-1.3	-3.2	-0.6
2005 Q4	2.8	-1.7	-3.5	0.0	-1.6	6.5	1.0	11.1	7.9	-1.7	-1.7	-0.8	1.0
2006 Q1	1.7	-0.1	4.9	0.4	-0.7	5.5	0.7	3.2	3.9	-0.4	0.0	-0.6	0.7
2006 Q2	2.2	9.8	-0.7	0.0	-0.7	4.6	2.8	18.2	-6.7	-0.7	0.9	0.3	2.8
2006 Q3	2.6	-2.1	-2.0	-0.2	-0.6	0.5	0.6	10.9	1.9	-0.7	1.3	-0.8	0.6
2006 Q4	-3.0	-0.4	-2.9	-0.2	0.1	-2.4	-2.0	-3.6	-5.3	-0.1	-1.1	-2.2	-2.0
2007 Q1	-3.4	-4.7	-8.7	-0.3	-0.7	-5.5	-3.3	10.7	-9.6	-1.4	-3.2	-2.9	-3.3
2007 Q2	-2.1	-0.9	6.8	-0.2	-0.6	-8.7	-2.0	5.6	-4.9	-0.1	-1.8	-4.1	-2.0
2007 Q3	-4.1	2.6	1.8	-0.2	-1.2	-2.3	-2.3	3.8	-0.9	-1.0	-3.7	-3.6	-2.3
2007 Q4	-1.8	1.2	1.4	0.0	-2.0	11.3	-0.2	0.1	-0.9	-1.7	3.3	-2.3	-0.2
2008 Q1	-2.9	-0.3	-7.2	-0.1	-3.1	25.2	-0.2	14.0	-1.3	-3.4	2.9	-1.7	-0.2
2008 Q2	-4.9	1.8	9.1	0.0	-3.0	33.5	-0.4	-20.8	-1.1	-2.1	4.6	1.0	-0.4
2008 Q3	-2.5	1.6	-5.5	0.0	-2.4	23.3	0.6	-18.0	-1.6	-3.0	6.0	2.6	0.6
2008 Q4	-0.9	-2.9	5.5	0.2	-2.2	17.0	-0.2	-3.7	-2.0	-2.3	0.0	4.7	-0.2
2009 Q1	-1.9	-0.1	32.7	0.3	-0.1	12.9	-0.5	-39.9	-1.7	1.2	-1.6	5.5	-0.5
2009 Q2	2.9	1.0	-56.0	-0.1	-0.1	13.6	1.7	25.6	1.7	-2.7	-2.4	6.1	1.7
2009 Q3	2.6	-2.1	2.2	0.0	0.4	21.5	2.6	23.2	-0.5	0.0	-0.2	5.9	2.6
2009 Q4	-0.1	0.1	2.5	-0.8	0.6	17.0	1.4	13.4	-1.8	0.8	-0.9	4.2	1.4
2010 Q1	1.2	1.4	-4.1	-0.2	2.1	-4.2	1.1	8.4	-2.4	1.0	-1.1	4.4	1.1
2010 Q2	-4.0	-0.6	5.8	0.6	1.8	3.1	-1.5	-16.9	-7.0	2.7	-0.6	2.1	-1.5
2010 Q3	-4.0	-0.2	-0.9	0.0	1.1	0.4	-1.8	-26.2	-8.2	1.4	0.3	2.0	-1.8
2010 Q4	-1.2	2.4	-1.6	0.5	0.3	-2.1	-0.5	-26.4	-6.7	0.0	0.0	4.2	-0.5
2011 Q1	-4.5	0.3	-2.7	0.0	-3.5	9.4	-2.3	-8.7	-2.8	-3.2	0.6	-0.3	-2.3
2011 Q2	-3.9	0.8	3.2	-1.0	-3.3	-4.8	-2.7	-3.3	-7.7	-1.9	-1.1	1.2	-2.7
2011 Q3	-4.7	-0.3	0.2	0.0	-3.1	-11.5	-4.2	-6.5	-7.6	-2.4	-4.0	0.8	-4.2
2011 Q4	-7.2	-2.7	-1.1	0.2	-2.0	-7.4	-5.3	-14.5	-4.8	-2.0	-4.4	-1.4	-5.3
2012 Q1	-1.5	0.0	-1.6	0.2	0.5	-2.4	-1.3	-17.6	-3.0	-0.1	-1.9	2.2	-1.3
2012 Q2	-0.4	-0.7	1.4	-0.1	1.7	-1.0	0.0	-35.5	9.7	1.8	-3.3	0.2	0.0
2012 Q3	-0.9	-0.5	0.4	0.0	2.3	0.8	-0.1	-32.2	7.6	2.0	-2.8	-0.8	-0.1
2012 Q4	0.9	0.9	-0.6	-0.7	1.7	-1.4	0.8	2.2	4.4	1.5	-0.6	-1.5	0.8
2013 Q1	0.6	0.5	-1.4	1.6	0.8	-4.4	0.5	-4.0	1.9	0.8	2.4	-2.5	0.5
2013 Q2	1.6	-1.1	0.9	-0.8	-0.9	-7.9	0.6	19.3	-0.3	-0.6	1.7	-2.3	0.6
2013 Q3	-0.1	0.6	-0.1	0.0	-2.0	-9.1	-0.1	21.9	-2.8	-1.7	2.5	-2.4	-0.1
2013 Q4	-0.4	-1.0	0.5	0.0	-3.5	-9.6	-0.7	-3.8	0.2	-2.7	1.5	-2.7	-0.7
2014 Q1	0.6	-0.3	1.2	0.2	-5.5	-4.7	-0.5	-2.3	-2.2	-4.5	2.4	0.5	-0.5
2014 Q2	-1.1	0.8	-2.4	-1.0	-5.6	-4.3	-1.6	-2.4	-7.6	-5.2	2.2	2.0	-1.6
2014 Q3	2.1	-2.5	-1.2	0.7	-6.5	-1.2	-0.3	12.5	-2.1	-5.9	1.3	2.6	-0.3
2014 Q4	3.1	-3.3	-1.4	-0.7	-7.0	1.4	-0.1	6.8	-1.5	-6.4	0.7	4.5	-0.1
2015 Q1	2.8	-2.2	-1.7	1.0	-5.8	2.3	-0.2	-8.1	2.7	-5.4	-0.8	5.1	-0.2
2015 Q2	2.4	-6.6	-1.7	-0.8	-5.3	3.3	-0.7	-27.9	-1.7	-4.9	2.5	5.2	-0.7
2015 Q3	5.0	-4.5	-4.2	-0.6	-3.9	0.5	1.2	-24.5	3.5	-3.9	4.2	5.3	1.2
2015 Q4	3.6	-2.2	-1.4	0.0	-4.1	-2.3	0.9	-6.8	6.7	-3.8	0.4	3.7	0.9
2016 Q1	6.0	-4.1	-1.5	1.1	-6.0	-10.4	1.6	0.4	12.4	-5.3	0.2	2.3	1.6
2016 Q2	5.6	3.2	-1.7	-0.5	-6.4	-8.6	2.0	16.4	10.7	-5.8	1.6	1.3	2.0
2016 Q3	3.8	3.1	-0.7	0.5	-6.8	-5.0	0.8	26.1	9.7	-6.1	-1.5	1.3	0.8
2016 Q4	2.5	5.3	1.1	0.6	-4.3	-6.9	0.9	-16.2	-0.2	-3.6	7.1	1.0	0.9
2017 Q1	1.8	2.9	-0.2	-2.4	-2.8	-30.8	-1.8	-7.7	10.3	-2.1	-6.0	-1.9	-1.8
2017 Q2	1.5	0.6	-1.7	1.7	-1.6	-32.2	-1.6	0.2	16.4	-1.3	-10.5	-2.1	-1.6
2017 Q3	0.8	-0.9	6.0	-0.7	-0.9	-37.0	-2.1	2.3	9.1	-0.7	-8.8	-3.6	-2.1
2017 Q4	1.5	-1.7	0.7	0.5	1.2	-32.2	-1.7	8.2	14.2	0.4	-11.6	-3.2	-1.7
2018 Q1	-1.3	-2.6	-8.5	0.0	4.2	-2.7	-0.9	-4.8	-4.3	1.7	-1.9	1.3	-0.9
2018 Q2	-1.4	0.7	8.6	0.3	2.8	-2.0	-0.2	-10.4	-6.5	2.6	0.0	4.7	-0.2
2018 Q3	-1.0	2.0	-0.2	0.0	2.2	2.4	0.0	-16.2	-1.3	1.7	-1.4	6.5	0.0
2018 Q4	-0.9	2.0	3.4	-1.6	1.4	1.9	0.1	-12.0	4.0	1.6	-3.8	4.4	0.1
2019 Q1	-0.1	-1.3	-0.8	-3.0	1.0	0.8	-0.1	0.6	-1.6	0.9	-1.8	1.2	-0.1
2019 Q2	0.2	-3.3	-5.3	-0.1	1.4	0.9	-0.2	19.1	-12.6	1.0	5.2	-4.6	-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.

G4R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (reference year = 2016)

	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	- 1 238	2 144	155	10	5 807	1 121	6 801	202	- 5 532	5 779	8 937	- 1 216	6 801
1998	- 1 754	2 326	147	4	3 525	2 734	6 912	464	- 7 336	3 522	7 959	2 353	6 912
1999	- 3 338	2 090	130	5	6 157	1 677	5 337	4 005	- 6 198	6 086	2 640	- 1 242	5 337
2000	- 1 064	2 305	117	4	5 511	1 983	7 893	2 970	- 2 334	5 413	857	- 643	7 893
2001	6 663	2 095	187	8	7 386	1 389	17 290	5 068	- 1 928	7 381	3 941	1 008	17 290
2002	6 175	2 595	215	9	11 709	827	19 221	953	- 3 016	11 672	8 133	1 843	19 221
2003	10 019	3 150	233	13	9 068	1 120	22 237	1 809	- 4 444	9 101	9 747	5 201	22 237
2004	8 414	2 829	183	9	10 959	- 178	20 060	2 834	- 5 476	10 866	7 373	4 914	20 060
2005	9 955	1 364	184	7	10 420	330	20 367	3 655	- 2 042	10 342	6 789	3 605	20 367
2006	11 551	2 187	189	7	9 637	730	22 760	5 299	- 2 984	9 593	7 540	3 147	22 760
2007	7 846	2 038	164	3	8 718	494	17 699	5 766	- 5 566	8 651	6 646	1 539	17 699
2008	2 597	2 395	242	2	5 404	6 234	16 558	3 985	- 6 346	5 569	9 867	2 572	16 558
2009	3783	2518	345	1	4002	7755	18313	5027	-5300	4290	7386	5753	18313
2010	1218	2990	333	3	4868	8193	17425	4669	-8253	5199	6920	7936	17425
2011	-6322	2545	309	1	3681	7451	7461	1533	-11912	3976	5025	8029	7461
2012	-7425	2291	272	0	4384	7706	7163	-52	-9441	4619	3140	8240	7163
2013	-6981	2020	246	1	4100	8129	7640	266	-9638	4333	5243	6954	7640
2014	-5350	1620	220	0	1021	8931	6363	951	-12224	1243	7179	8618	6363
2015	553	-440	19	0	-1657	9133	7599	-1648	-10242	-1637	9186	11790	7599
2016	8942	318	-42	0	-5267	8299	12248	-1231	-5526	-5254	11299	12960	12248
2017	11831	404	48	1	-6334	438	6389	-918	1435	-6286	813	11345	6389
2018	9442	707	91	-1	-5074	392	5557	-3216	140	-4983	-1259	14875	5557

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	-0.3	0.0	0.0	-0.6	-3.6	16.0	-0.2	1.9	-3.2	-3.5	-2.3	8.8	-0.2
1999	-1.1	-1.2	-0.1	-0.1	4.2	-19.7	-0.7	25.6	3.2	4.0	-6.5	-8.4	-0.7
2000	1.6	1.0	0.1	-0.1	-1.5	1.6	1.0	-6.9	9.9	-1.5	-1.8	1.6	1.0
2001	4.8	-2.3	-0.1	0.2	3.1	-5.6	3.5	14.7	0.8	2.9	3.3	3.4	3.5
2002	-0.3	1.2	0.1	-0.3	5.6	-4.8	0.5	-41.3	-2.0	5.2	4.6	1.8	0.5
2003	2.5	0.8	-0.3	0.2	-4.7	1.8	0.9	5.7	-2.9	-4.4	1.6	6.9	0.9
2004	-0.8	-2.5	-0.2	-0.3	1.8	-9.5	-0.9	7.8	-1.9	1.7	-2.9	-0.9	-0.9
2005	-0.1	-0.9	0.0	0.0	-0.6	2.7	-0.2	6.6	7.5	-0.6	-1.1	-3.4	-0.2
2006	1.2	-0.6	0.0	-0.1	-0.5	1.6	0.6	7.7	-1.5	-0.5	0.3	-0.9	0.6
2007	-2.8	-0.5	-0.1	-0.2	-1.1	-1.1	-2.0	4.9	-4.0	-1.0	-1.3	-3.2	-2.0
2008	-2.8	0.0	-0.3	0.0	-2.6	24.0	-0.1	-7.5	-1.5	-2.7	3.1	1.7	-0.1
2009	1.0	-0.2	0.4	0.0	0.2	17.6	1.3	10.0	-0.5	-0.3	-1.4	5.4	1.3
2010	-1.9	0.8	-0.1	0.3	1.4	-0.6	-0.5	-15.1	-5.9	1.3	-0.4	3.2	-0.5
2011	-5.1	-0.4	-0.1	-0.2	-2.9	-4.7	-3.7	-9.0	-5.8	-2.3	-2.2	0.1	-3.7
2012	-0.4	-0.1	-0.1	-0.2	1.5	-1.0	-0.1	-18.2	5.0	1.3	-2.1	0.1	-0.1
2013	0.4	-0.3	0.0	0.2	-1.3	-7.9	0.1	2.9	-0.1	-1.0	1.9	-2.4	0.1
2014	1.2	-1.2	-0.9	-0.2	-6.2	-1.9	-0.6	5.1	-3.1	-5.5	1.7	2.3	-0.6
2015	3.5	-3.8	-2.2	0.0	-4.8	0.9	0.3	-17.6	2.7	-4.5	1.5	4.9	0.3
2016	4.5	1.4	-0.8	0.0	-5.9	-7.5	1.3	3.6	8.0	-5.2	1.9	1.5	1.3
2017	1.4	0.1	1.1	0.2	-1.0	-32.9	-1.9	0.8	12.4	-0.9	-9.3	-2.7	-1.9
2018	-1.2	0.6	0.8	-0.2	2.6	-0.1	-0.3	-10.9	-2.0	1.9	-1.8	4.3	-0.3

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G5R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (reference year = 2016)

	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	81	657	72	3	1 549	121	2 103	23	- 1 285	1 605	2 914	- 550	2 103
1997 Q2	- 428	405	22	1	1 583	113	1 344	67	- 1 085	1 544	1 464	- 466	1 344
1997 Q3	- 402	506	32	2	1 401	354	1 633	80	- 1 418	1 381	2 108	- 251	1 633
1997 Q4	- 486	576	28	2	1 275	535	1 722	34	- 1 745	1 250	2 454	50	1 722
1998 Q1	344	816	54	1	900	469	2 605	135	- 1 691	931	2 666	597	2 605
1998 Q2	- 51	399	24	1	802	718	2 010	112	- 1 507	778	1 646	737	2 010
1998 Q3	- 494	559	37	2	846	887	1 795	77	- 1 724	847	1 997	643	1 795
1998 Q4	- 1 553	553	32	1	975	659	505	141	- 2 412	965	1 653	373	505
1999 Q1	- 904	804	48	2	1 260	434	1 326	707	- 2 036	1 275	1 241	65	1 326
1999 Q2	- 751	399	28	1	1 592	421	1 352	1 070	- 1 405	1 564	321	- 288	1 352
1999 Q3	- 1 035	428	23	2	1 670	431	1 108	1 128	- 1 613	1 633	443	- 475	1 108
1999 Q4	- 645	458	32	1	1 634	392	1 555	1 101	- 1 143	1 614	640	- 546	1 555
2000 Q1	- 319	663	43	2	1 456	464	2 014	920	- 1 217	1 455	1 170	- 372	2 014
2000 Q2	- 59	359	18	1	1 440	539	2 230	587	95	1 393	- 415	- 127	2 230
2000 Q3	- 645	833	26	1	1 291	448	1 407	580	- 761	1 263	72	- 76	1 407
2000 Q4	- 41	449	30	1	1 322	531	2 245	881	- 449	1 303	31	- 70	2 245
2001 Q1	1 180	625	62	2	1 482	384	3 659	1 207	- 441	1 513	724	117	3 659
2001 Q2	1 844	363	34	1	1 678	414	4 403	1 357	- 183	1 658	747	267	4 403
2001 Q3	1 867	538	42	2	1 994	347	4 604	1 279	- 581	1 979	1 279	271	4 604
2001 Q4	1 776	570	49	1	2 232	244	4 628	1 227	- 722	2 229	1 196	352	4 628
2002 Q1	1 644	686	82	2	2 628	127	4 703	355	- 739	2 674	2 100	229	4 703
2002 Q2	850	785	28	1	2 992	155	4 024	227	- 728	2 939	1 406	323	4 024
2002 Q3	1 565	536	39	2	3 083	282	4 906	236	- 783	3 043	2 099	535	4 906
2002 Q4	2 119	586	66	3	3 006	264	5 591	136	- 767	3 013	2 535	758	5 591
2003 Q1	2 392	952	99	4	2 347	257	5 749	166	- 1 184	2 449	2 992	1 082	5 749
2003 Q2	2 883	601	32	1	2 247	343	5 870	376	- 400	2 199	2 163	1 289	5 870
2003 Q3	2 327	794	48	3	2 196	320	5 292	570	- 1 326	2 179	2 252	1 407	5 292
2003 Q4	2 418	804	54	3	2 276	201	5 330	695	- 1 533	2 269	2 346	1 421	5 330
2004 Q1	2 636	894	67	3	2 515	82	5 779	606	- 1 441	2 537	2 752	1 375	5 779
2004 Q2	1 968	557	30	3	2 698	- 45	4 672	707	- 1 084	2 645	1 085	1 391	4 672
2004 Q3	1 931	705	40	2	2 866	- 123	4 795	775	- 1 480	2 827	1 601	1 199	4 795
2004 Q4	1 883	676	46	3	2 879	- 92	4 818	747	- 1 471	2 855	1 941	949	4 818
2005 Q1	2 519	1 130	64	1	2 633	- 61	5 832	1 088	- 841	2 652	1 958	1 039	5 832
2005 Q2	2 278	- 993	28	2	2 694	91	3 432	533	175	2 635	1 425	829	3 432
2005 Q3	1 984	639	44	2	2 619	145	4 985	896	- 1 001	2 594	1 535	852	4 985
2005 Q4	3 177	589	48	2	2 475	155	6 122	1 138	- 373	2 461	1 874	883	6 122
2006 Q1	3 632	774	78	3	2 455	149	6 780	1 284	- 252	2 501	2 341	897	6 780
2006 Q2	3 104	385	24	1	2 430	310	5 857	1 227	- 269	2 372	1 638	880	5 857
2006 Q3	2 874	494	44	2	2 366	241	5 635	1 472	- 991	2 352	1 970	767	5 635
2006 Q4	1 945	533	43	2	2 386	29	4 492	1 316	- 1 472	2 370	1 595	603	4 492
2007 Q1	2 629	655	68	0	2 367	- 267	5 012	1 662	- 1 500	2 388	1 717	584	5 012
2007 Q2	2 632	372	21	1	2 308	- 159	4 739	1 582	- 916	2 255	1 367	361	4 739
2007 Q3	1 307	421	37	1	2 095	189	3 661	1 439	- 1 299	2 075	991	290	3 661
2007 Q4	1 280	591	39	1	1 947	730	4 291	1 082	- 1 850	1 931	2 574	303	4 291
2008 Q1	1 556	778	63	0	1 659	1 189	5 032	1 784	- 1 704	1 695	2 616	376	5 032
2008 Q2	193	436	20	1	1 504	1 867	3 939	567	- 1 206	1 469	2 471	513	3 939
2008 Q3	222	548	79	0	1 162	1 821	3 846	698	- 1 665	1 242	2 635	680	3 846
2008 Q4	629	634	80	0	1 079	1 357	3 745	936	- 1 770	1 163	2 150	1 002	3 745
2009 Q1	563	845	109	0	947	1 103	3 467	813	- 1 663	1 078	1 805	1 161	3 467
2009 Q2	1 656	446	65	0	957	1 876	5 026	1 586	- 680	1 018	1 435	1 413	5 026
2009 Q3	1 074	600	83	1	1 051	2 550	5 357	1 373	- 1 275	1 052	2 306	1 556	5 357
2009 Q4	493	627	87	0	1 045	2 225	4 466	1 255	- 1 681	1 135	1 843	1 621	4 466
2010 Q1	893	917	105	0	1 061	1 069	3 973	1 243	- 1 900	1 168	1 360	1 825	3 973
2010 Q2	357	513	67	0	1 273	2 167	4 347	945	- 1 348	1 336	1 356	1 834	4 347
2010 Q3	- 182	631	81	1	1 307	2 786	4 565	882	- 2 235	1 389	2 402	1 948	4 565
2010 Q4	155	929	81	1	1 228	2 171	4 543	1 599	- 2 767	1 306	1 805	2 329	4 543
2011 Q1	- 798	923	99	1	917	1 559	2 575	629	- 2 454	1 031	1 403	1 796	2 575
2011 Q2	- 955	457	63	0	906	1 946	2 414	567	- 2 397	968	1 124	1 952	2 414
2011 Q3	- 1 833	583	73	0	890	1 976	1 643	214	- 3 353	964	1 534	2 102	1 643
2011 Q4	- 2 732	583	74	1	968	1 969	832	122	- 3 708	1 010	968	2 180	832
2012 Q1	- 1 664	830	85	- 1	971	1 535	1 623	524	- 3 100	1 030	705	2 147	1 623
2012 Q2	- 1 306	465	55	0	1 086	2 042	2 360	- 221	- 1 129	1 135	447	2 049	2 360
2012 Q3	- 2 345	486	65	0	1 139	2 068	1 391	- 533	- 2 211	1 203	896	1 990	1 391
2012 Q4	- 2 109	509	66	0	1 187	2 058	1 792	177	- 3 003	1 249	1 094	2 055	1 792
2013 Q1	- 1 533	683	75	0	1 038	1 621	1 865	327	- 2 787	1 123	1 094	1 842	1 865
2013 Q2	- 592	378	49	0	1 137	2 081	3 175	169	- 947	1 177	957	1 768	3 175
2013 Q3	- 2 453	461	60	1	1 036	2 191	1 302	- 266	- 2 837	1 089	1 560	1 697	1 302
2013 Q4	- 2 399	499	61	0	889	2 237	1 302	34	- 3 067	944	1 637	1 647	1 302
2014 Q1	- 1 375	759	73	0	625	1 810	1 834	289	- 3 040	701	1 786	1 954	1 834
2014 Q2	- 1 062	320	60	0	380	2 397	2 105	302	- 2 415	438	1 538	2 083	2 105
2014 Q3	- 1 662	309	50	0	88	2 362	1 110	20	- 3 240	139	1 924	2 134	1 110
2014 Q4	- 1 248	231	36	0	- 73	2 362	1 318	338	- 3 529	- 35	1 934	2 449	1 318
2015 Q1	-387	147	9	0	-190	1931	1473	164	-2645	-176	1346	2753	1473
2015 Q2	-630	-371	6	0	-347	2457	1126	-886	-2577	-344	1940	2975	1126
2015 Q3	15	-171	-1	0	-473	2355	1718	-984	-2505	-476	2652	3010	1718
2015 Q4	1561	-43	6	0	-646	2391	3286	60	-2516	-642	3252	3051	3286
2016 Q1	2869	-420	-1	0	-869	2127	3723	215	-1353	-816	2400	3234	3723
2016 Q2	3062	192	-6	0	-1249	2071	4067	-190	-1317	-1256	3641	3205	4067
2016 Q3	2091	226	-19	0	-1491	2060	2859	-463	-1199	-1509	2805	3249	2859
2016 Q4	924	320	-15	0	-1658	2039	1603	-793	-1657	-1672	2455	3271	1603
2017 Q1	3354	226	-28	0	-1449	348	2451	-277	576	-1477	588	3041	2451
2017 Q2	3163	92	28	1	-1646	218	1856	-228	525	-1618	294	2883	1856
2017 Q3	2819	32	34	1	-1752	-60	1074	-146	505	-1719	-294	2728	1074
2017 Q4	2496	54	14	0	-1488	-68	1008	-267	-171	-1473	226	2693	1008
2018 Q1	2202	102	4	0	-918	99	1489	-501	-209	-913	-79	3191	1489
2018 Q2	1705	310	19	0	-1487	190	737	-685	-459	-1469	-343	3693	737
2018 Q3	2035	379	38	0	-1504	65	1013	-1169	237	-1467	-549	3961	1013
2018 Q4	3500	-84	30	-1	-1165	38	2318	-861	571	-1134	-288	4030	2318
2019 Q1	3515	78	-75	-1	-1078	264	2703	-522	675	-1153	96	3607	2703
2019 Q2	3255	-588	-21	-3	-1000	174	1817	-444	-1762	-1023	1152	3894	1817

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G6R Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

	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	-1.6	0.9	0.0	-0.6	-0.1	-3.5	-1.2	1.4	1.8	0.2	-6.3	0.9	-1.2
1997 Q3	0.2	-0.6	0.0	0.7	-1.5	8.4	0.4	0.5	-2.7	-1.6	2.9	2.2	0.4
1997 Q4	-0.2	0.9	-0.1	0.0	-1.4	6.0	0.0	-1.1	-1.0	-1.3	0.7	3.0	0.0
1998 Q1	2.2	-1.2	0.0	-1.0	-1.6	4.6	1.4	3.1	-0.5	-1.5	0.3	5.1	1.4
1998 Q2	-1.1	-0.5	0.0	0.2	-1.0	4.4	-0.6	-0.2	1.3	-0.9	-2.4	1.3	-0.6
1998 Q3	-1.3	1.4	-0.2	0.6	0.5	0.9	-0.5	-0.7	-2.2	0.5	0.5	-1.0	-0.5
1998 Q4	-2.8	-1.1	0.0	-0.5	0.9	-3.4	-2.3	2.1	-3.3	0.8	-2.1	-2.7	-2.3
1999 Q1	1.4	0.5	-0.1	0.1	2.1	-10.0	1.2	17.0	2.1	1.9	-2.0	-2.6	1.2
1999 Q2	0.3	-0.9	0.1	0.0	1.6	-0.8	0.2	12.5	3.6	1.6	-3.0	-3.2	0.2
1999 Q3	-0.7	-0.3	0.0	0.3	0.1	-5.4	-0.5	4.4	-1.0	0.2	0.4	-1.7	-0.5
1999 Q4	1.1	0.2	-0.1	-0.8	0.2	-1.4	0.6	1.9	4.4	0.2	0.7	-0.5	0.6
2000 Q1	0.8	0.2	0.0	0.5	-1.8	2.7	0.6	-9.0	0.0	-1.7	2.0	1.6	0.6
2000 Q2	0.7	-0.4	0.0	-0.2	-0.3	1.1	0.4	-17.8	12.1	-0.1	-5.3	2.0	0.4
2000 Q3	-1.4	8.9	-0.1	0.1	-0.8	1.4	-1.1	3.4	-6.4	-0.8	2.3	0.4	-1.1
2000 Q4	1.8	-9.6	-0.1	-0.3	0.5	-1.4	1.1	9.5	4.1	0.5	-0.2	0.1	1.1
2001 Q1	3.0	0.3	-0.1	-0.1	1.0	-2.8	2.1	13.7	0.1	0.9	2.8	1.5	2.1
2001 Q2	1.7	-0.9	0.1	0.0	1.2	-0.5	1.3	-24.8	1.5	1.2	0.4	1.2	1.3
2001 Q3	0.2	1.7	0.0	0.4	1.5	-4.2	0.1	4.3	-3.6	1.3	2.3	0.0	0.1
2001 Q4	-0.4	0.1	0.0	-0.5	2.0	-1.2	0.0	8.5	-0.5	1.8	-0.2	0.7	0.0
2002 Q1	-0.2	-0.4	0.0	0.2	2.0	-2.5	0.0	-52.7	-0.3	1.6	4.0	-1.0	0.0
2002 Q2	-2.3	3.6	0.1	0.0	1.2	0.4	-0.8	-7.8	-0.4	1.8	-1.9	0.8	-0.8
2002 Q3	2.0	-7.0	0.0	0.3	0.0	2.3	1.2	1.0	-0.1	-0.2	2.8	1.8	1.2
2002 Q4	1.0	0.0	0.0	-0.3	-1.4	-0.2	0.3	-2.0	1.1	-1.7	0.6	1.7	0.3
2003 Q1	0.9	1.3	-0.5	0.1	-2.1	1.4	0.2	0.7	-3.0	-2.3	1.6	2.6	0.2
2003 Q2	1.7	0.5	0.0	-0.2	-1.4	1.8	1.1	5.2	3.9	-0.8	-1.0	1.6	1.1
2003 Q3	-1.5	1.2	0.1	0.5	-0.7	-2.7	-1.2	5.1	-8.0	-0.7	0.3	1.0	-1.2
2003 Q4	0.0	-0.3	0.0	-0.1	0.0	-2.5	-0.3	5.7	-1.2	0.1	-0.8	0.0	-0.3
2004 Q1	0.8	-3.9	-0.5	-0.2	1.3	-2.8	0.3	-4.1	1.2	1.0	0.5	-0.3	0.3
2004 Q2	-1.4	-0.4	0.1	0.1	1.1	-2.9	-0.7	0.0	1.3	1.2	-4.3	0.0	-0.7
2004 Q3	-0.2	1.0	0.0	-0.3	0.4	-1.5	-0.1	4.2	-2.9	0.3	2.0	-1.9	-0.1
2004 Q4	-0.5	-0.8	0.0	0.2	0.1	0.2	-0.1	2.5	1.4	0.0	1.3	-2.3	-0.1
2005 Q1	1.9	0.9	-0.1	-0.3	-0.8	0.3	1.1	11.3	4.4	-0.9	-0.7	0.4	1.1
2005 Q2	-4.9	-1.1	0.1	0.3	-0.1	4.4	-2.9	-29.4	7.2	0.2	-0.9	-1.5	-2.9
2005 Q3	0.7	2.3	-0.1	-0.5	-0.3	0.6	1.9	10.8	-9.6	-0.3	-0.6	0.1	1.9
2005 Q4	2.9	-0.7	0.0	0.0	-0.6	0.0	1.3	9.8	5.1	-0.6	1.1	0.1	1.3
2006 Q1	1.5	-0.2	-0.2	0.1	0.2	0.1	0.6	-1.6	0.8	-0.1	1.3	0.2	0.6
2006 Q2	-1.5	-0.4	0.1	-0.1	-0.2	3.0	-0.3	-5.0	-0.3	0.3	-1.1	0.1	-0.3
2006 Q3	-1.2	0.2	0.0	0.2	-0.1	-2.3	-1.0	5.1	-5.4	-0.3	0.4	-1.1	-1.0
2006 Q4	-2.5	0.0	-0.1	0.0	0.0	-3.4	-1.7	-1.5	-2.8	0.0	-1.8	-1.4	-1.7
2007 Q1	1.7	-0.6	-0.2	-0.5	0.0	-4.6	0.5	12.2	0.0	-0.4	0.3	-0.2	0.5
2007 Q2	-0.2	0.0	0.0	0.2	-0.5	2.3	0.1	-14.8	2.1	0.1	-0.7	-1.4	0.1
2007 Q3	-2.9	-0.2	0.1	-0.2	-0.8	6.7	-1.6	3.5	-2.0	-0.9	-1.7	-0.5	-1.6
2007 Q4	-0.4	0.4	0.0	0.1	-1.0	7.9	0.4	-5.7	-2.4	-0.9	5.3	-0.1	0.4
2008 Q1	0.9	-0.4	-0.4	-0.3	-0.8	10.8	1.1	31.0	-0.1	-1.0	0.4	0.5	1.1
2008 Q2	-3.4	0.0	0.1	0.2	-0.8	10.8	-0.8	-113.7	2.1	-0.4	0.9	0.9	-0.8
2008 Q3	0.0	0.2	-0.4	-0.5	-0.5	6.0	-0.1	5.5	-2.9	-0.8	0.3	1.1	-0.1
2008 Q4	1.0	0.0	0.0	0.0	-0.4	2.8	-0.1	7.6	-0.5	-0.3	-1.8	2.1	-0.1
2009 Q1	0.0	-0.2	0.3	0.0	0.3	5.2	-0.2	1.3	-0.4	0.1	-1.7	1.2	-0.2
2009 Q2	3.1	0.0	0.0	0.0	0.3	5.7	2.9	19.8	3.9	0.4	0.2	2.1	2.9
2009 Q3	-1.8	0.0	0.0	1.0	0.7	5.7	-0.3	-1.5	-4.9	-0.2	3.0	0.8	-0.3
2009 Q4	-1.8	0.0	0.0	-0.5	0.6	-2.1	-1.4	0.6	-3.0	1.0	-2.2	0.3	-1.4
2010 Q1	1.1	0.2	-0.1	0.0	0.7	-7.1	-1.2	-5.8	-1.8	0.2	-2.8	0.7	-1.2
2010 Q2	-1.4	0.1	0.1	0.0	0.2	19.6	1.2	-11.7	3.1	0.8	1.3	0.5	1.2
2010 Q3	-1.6	0.1	-0.1	0.8	-0.3	3.1	-0.4	-6.0	-6.4	-0.5	4.0	0.6	-0.4
2010 Q4	1.0	2.1	-0.1	0.1	-0.7	-3.8	-0.3	9.6	-2.6	-0.7	-2.3	2.3	-0.3
2011 Q1	-2.3	-3.1	0.0	0.0	-1.3	0.8	-2.6	0.2	1.8	-1.3	-3.0	-3.8	-2.6
2011 Q2	-0.4	0.0	0.0	-0.3	-0.8	-4.8	0.3	-7.4	-1.7	-0.4	0.2	1.8	0.3
2011 Q3	-2.2	0.1	0.0	0.0	-0.2	-5.6	-1.6	-13.7	-4.8	-0.2	1.2	0.3	-1.6
2011 Q4	-1.9	0.0	0.0	0.7	0.4	0.6	-1.3	-8.2	0.0	0.1	-2.6	0.4	-1.3
2012 Q1	2.2	-0.2	-0.1	-1.6	0.8	3.8	1.1	12.7	3.5	0.6	-1.5	-0.6	1.1
2012 Q2	0.6	0.0	0.1	0.5	0.7	-1.9	1.2	-19.2	9.1	0.9	-0.5	0.1	1.2
2012 Q3	-2.5	0.0	0.0	0.0	0.3	-5.4	-1.6	-13.9	-8.2	0.3	1.8	-0.6	-1.6
2012 Q4	1.4	0.0	-0.1	0.0	0.1	-0.4	0.4	44.7	-3.4	0.0	0.5	-0.2	0.4
2013 Q1	0.7	-0.5	-0.1	0.0	-0.2	1.7	0.2	6.9	0.9	-0.3	0.0	-1.6	0.2
2013 Q2	2.4	-0.1	0.1	0.0	-0.8	-4.7	2.0	-16.2	8.9	-0.4	-0.2	0.1	2.0
2013 Q3	-4.5	0.0	0.0	1.2	-1.0	-6.1	-3.1	-18.0	-14.5	-0.9	2.1	-0.5	-3.1
2013 Q4	0.5	0.0	0.0	-0.7	-1.1	-0.5	0.0	10.6	0.1	-1.0	0.0	-0.6	0.0
2014 Q1	1.9	-0.3	-0.2	0.0	-1.3	3.3	0.6	7.4	0.5	-1.3	0.0	1.5	0.6
2014 Q2	0.9	-0.3	0.1	0.0	-2.1	-3.6	0.5	-4.6	2.4	-1.8	0.2	1.6	0.5
2014 Q3	-1.3	-0.9	-1.4	0.0	-2.2	-3.1	-1.5	-5.9	-4.3	-2.0	1.1	0.2	-1.5
2014 Q4	1.2	-0.8	-0.8	0.0	-1.1	1.8	0.2	7.6	-1.0	-1.0	-0.4	1.1	0.2
2015 Q1	1.7	-1.6	-1.4	0.0	-0.9	5.0	0.2	-5.1	4.1	-0.8	-2.8	2.3	0.2
2015 Q2	-0.6	-2.5	0.1	0.0	-1.0	-3.8	-0.3	-18.3	-1.4	-1.0	2.6	1.5	-0.3
2015 Q3	1.4	2.3	-0.6	0.0	-0.8	-6.5	0.7	-5.4	2.0	-0.7	2.3	0.2	0.7
2015 Q4	3.4	1.1	0.3	0.0	-1.0	-0.7	1.8	32.0	2.5	-0.9	1.8	-0.2	1.8
2016 Q1	2.9	-3.2	-0.4	0.0	-1.7	0.1	0.5	2.8	5.7	-1.1	-3.6	0.8	0.5
2016 Q2	0.3	2.7	-0.2	0.0	-2.1	-2.1	0.6	-8.0	-0.3	-2.4	5.1	0.5	0.6
2016 Q3	-2.2	0.0	-0.7	0.0	-1.3	-2.4	-1.7	-4.0	1.2	-1.2	-4.2	0.1	-1.7
2016 Q4	-2.5	0.8	0.2	0.0	-0.7	-2.6	-1.6	-5.6	-2.8	-0.6	-1.5	-0.5	-1.6
2017 Q1	5.0	-1.8	-0.5	0.0	0.7	-21.2	0.9	6.9	14.6	0.7	-7.1	-1.1	0.9
2017 Q2	-0.6	-0.4	2.0	0.6	-0.6	-3.6	-0.5	2.3	-0.2	-0.5	-0.7	-0.5	-0.5
2017 Q3	-0.8	-0.6	0.1	-0.1	-0.5	-6.6	-1.0	0.7	-0.2	-0.3	-2.4	-1.2	-1.0
2017 Q4	-1.0	0.1	-0.6	-0.4	2.4	-0.2	-0.2	-2.4	-4.7	1.7	1.8	-1.1	-0.2
2018 Q1	-0.2	0.2	-0.5	0.0	2.6	3.3	0.6	-5.0	-0.3	2.2	-1.1	2.5	0.6
2018 Q2	-1.1	1.4	1.1	0.0	-2.8	2.1	-0.7	-3.1	-1.7	-2.7	-0.9	3.1	-0.7
2018 Q3	0.7	0.0	1.6	0.0	-0.1	-3.5	0.3	-12.1	5.1	0.1	-0.7	1.5	0.3
2018 Q4	2.9	-3.5	-0.6	-0.5	2.0	-0.6	1.5	8.6	2.1	1.7	0.9	-0.2	1.5
2019 Q1	0.3	1.5	-11.9	-0.1	0.0	4.9	0.3	5.5	0.8	-0.3	1.4	-2.9	0.3
2019 Q2	-0.6	-3.3	1.0	-1.2	0.7	-2.4	-0.7	10.5	-14.6	0.7	3.2	2.6	-0.7

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G7R Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

	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	0.8	1.3	0.1	-0.6	-4.6	18.0	0.5	3.2	-2.4	-4.0	-3.7	11.9	0.5
1998 Q2	1.3	-1.3	-0.1	0.3	-5.7	20.6	1.0	1.1	-3.0	-5.5	0.7	12.1	1.0
1998 Q3	-0.2	0.4	-0.2	0.0	-3.5	18.5	0.1	-0.2	-2.5	-3.3	-1.7	8.7	0.1
1998 Q4	-2.8	-1.7	-0.1	-0.5	-1.2	6.3	-2.1	3.8	-4.7	-1.2	-4.4	3.0	-2.1
1999 Q1	-3.4	-0.4	-0.1	0.4	2.5	-14.1	-2.1	14.5	-1.6	2.3	-6.6	-5.2	-2.1
1999 Q2	-1.9	-1.3	0.1	0.0	5.0	-14.9	-1.2	27.0	1.3	4.9	-7.4	-9.8	-1.2
1999 Q3	-1.4	-2.5	0.1	-0.4	5.1	-22.9	-1.2	32.8	2.9	4.8	-7.4	-10.4	-1.2
1999 Q4	2.1	-1.2	0.0	-0.7	4.2	-23.5	1.6	30.7	8.9	4.0	-4.8	-8.1	1.6
2000 Q1	1.6	-1.4	0.1	0.1	0.4	-4.3	1.0	10.0	7.6	0.4	-0.6	-3.9	1.0
2000 Q2	2.1	-0.5	0.0	-0.4	-1.6	-1.9	1.2	-17.9	18.1	-1.4	-3.6	1.7	1.2
2000 Q3	1.0	7.4	-0.1	-0.2	-2.5	3.3	0.5	-15.8	7.1	-2.5	-1.4	3.8	0.5
2000 Q4	1.6	-0.5	-0.1	0.1	-2.2	4.4	1.0	-11.2	7.3	-2.1	-2.4	4.4	1.0
2001 Q1	3.8	-0.5	-0.2	-0.6	0.6	-1.0	2.3	12.2	7.0	0.4	-1.6	4.1	2.3
2001 Q2	4.7	-1.3	-0.1	-0.1	1.9	-2.6	3.3	17.3	-2.0	1.9	5.6	3.2	3.3
2001 Q3	6.7	-10.6	0.0	-0.1	4.3	-12.8	4.9	19.0	2.3	4.0	5.6	2.9	4.9
2001 Q4	4.4	0.4	0.1	-0.5	5.8	-9.0	3.6	15.3	-2.0	5.5	4.7	3.4	3.6
2002 Q1	1.3	-0.2	0.2	-0.1	6.9	-8.7	1.6	-47.8	-2.3	6.3	5.7	1.0	1.6
2002 Q2	-2.4	6.9	0.0	-0.1	7.3	-7.8	-0.6	-29.5	-4.9	7.0	3.3	0.5	-0.6
2002 Q3	-0.7	-0.4	0.1	-0.1	5.7	-2.3	0.3	-36.0	-1.4	5.3	3.9	2.3	0.3
2002 Q4	0.5	-0.4	0.0	0.4	2.0	-1.0	0.6	-68.4	0.1	1.9	5.3	3.3	0.6
2003 Q1	1.7	1.1	-0.3	0.1	-2.7	3.8	0.8	-6.4	-3.0	-2.4	2.6	7.2	0.8
2003 Q2	5.4	-4.3	-0.3	-0.2	-5.4	5.0	2.8	3.8	2.6	-5.4	3.6	8.1	2.8
2003 Q3	2.1	3.0	-0.3	0.2	-6.1	1.1	0.5	8.4	-4.4	-5.9	1.1	7.2	0.5
2003 Q4	1.1	2.5	-0.2	0.2	-4.4	-1.3	0.0	14.9	-5.9	-4.0	-0.1	5.3	0.0
2004 Q1	1.1	-1.2	-0.2	-0.1	-0.9	-8.0	0.0	11.7	-2.2	-0.5	-1.2	2.4	0.0
2004 Q2	-2.0	-3.1	-0.3	0.5	1.7	-13.6	-2.1	8.3	-6.0	1.8	-5.4	0.8	-2.1
2004 Q3	-0.8	-3.0	-0.3	-0.5	2.9	-11.0	-0.9	7.0	-1.3	2.8	-4.0	-2.1	-0.9
2004 Q4	-1.3	-3.7	-0.4	-0.1	2.8	-6.5	-0.9	3.7	1.1	2.7	-1.7	-4.5	-0.9
2005 Q1	-0.1	0.2	-0.1	-0.2	0.7	-2.8	0.0	16.4	4.4	0.7	-2.7	-4.0	0.0
2005 Q2	-2.7	-3.0	0.1	0.1	-0.4	2.6	-2.3	-3.5	11.3	-0.3	1.5	-5.7	-2.3
2005 Q3	-0.4	-1.2	0.0	0.1	-1.0	5.2	-0.2	3.4	5.4	-1.0	-1.1	-3.4	-0.2
2005 Q4	3.0	-1.0	0.0	-0.2	-1.6	6.1	1.4	11.9	9.0	-1.6	-1.3	-1.0	1.4
2006 Q1	2.5	-1.6	0.0	0.4	-0.6	6.6	0.8	-1.5	4.9	-0.7	0.8	-1.1	0.8
2006 Q2	2.7	2.8	-0.1	-0.4	-0.7	4.6	3.4	17.6	-3.6	-0.7	0.5	0.5	3.4
2006 Q3	1.9	-1.3	0.0	0.0	-0.6	1.4	0.6	11.7	0.6	-0.5	1.3	-0.7	0.6
2006 Q4	-3.7	-0.6	-0.1	0.0	0.0	-2.2	-2.4	-3.5	-7.4	0.0	-1.5	-2.0	-2.4
2007 Q1	-3.5	-0.8	-0.1	-0.4	-0.4	-7.3	-2.6	11.7	-8.4	-0.3	-2.6	-2.6	-2.6
2007 Q2	-2.2	-0.1	-0.2	0.1	-0.6	-9.2	-2.1	5.6	-5.0	-0.5	-2.0	-4.3	-2.1
2007 Q3	-3.9	-0.4	-0.1	-0.2	-1.3	-1.3	-2.6	3.8	-1.8	-1.2	-3.8	-3.7	-2.6
2007 Q4	-1.9	-0.1	-0.1	-0.1	-2.3	11.0	-0.6	-0.2	-1.5	-2.1	2.9	-2.3	-0.6
2008 Q1	-2.4	0.1	-0.1	0.0	-2.9	26.1	0.1	19.5	-1.4	-2.6	2.9	-1.6	0.1
2008 Q2	-5.4	-0.1	-0.1	0.1	-3.2	34.5	-1.0	-19.6	-1.7	-3.1	4.4	1.0	-1.0
2008 Q3	-2.5	0.2	-0.7	-0.1	-2.6	23.6	0.4	-18.2	-2.6	-2.9	6.2	2.6	0.4
2008 Q4	-1.0	-0.2	-0.7	-0.1	-2.1	16.7	0.0	-5.3	-0.9	-2.3	0.2	4.6	0.0
2009 Q1	-2.0	-0.1	0.3	0.0	-0.9	12.6	-1.2	-56.9	-1.2	-1.2	-1.7	5.2	-1.2
2009 Q2	3.5	-0.1	0.5	-0.2	-0.2	13.9	2.4	27.3	1.1	-0.6	-2.2	6.2	2.4
2009 Q3	2.1	-0.3	0.3	0.5	0.7	18.9	2.6	21.5	0.1	0.0	-0.6	6.0	2.6
2009 Q4	0.0	-0.3	0.3	0.0	1.5	17.0	1.4	13.7	-1.9	1.2	0.9	4.3	1.4
2010 Q1	0.9	0.2	-0.1	0.0	1.9	-6.5	0.8	10.7	-3.2	1.3	-1.8	4.1	0.8
2010 Q2	-3.8	0.3	0.0	0.0	2.2	2.8	-1.4	-16.7	-6.1	2.0	-0.4	2.3	-1.4
2010 Q3	-3.8	0.3	-0.1	0.0	1.2	0.5	-1.6	-25.7	-7.5	1.7	0.5	2.1	-1.6
2010 Q4	-1.1	2.3	-0.1	0.5	-0.3	-1.7	-0.5	-27.7	-7.3	-0.1	0.3	4.2	-0.5
2011 Q1	-4.8	0.1	-0.1	0.6	-2.7	13.4	-2.0	-5.8	-3.0	-1.8	0.1	-0.4	-2.0
2011 Q2	-3.8	0.0	-0.1	0.0	-3.5	-4.2	-3.2	-3.1	-8.7	-3.0	-1.4	1.0	-3.2
2011 Q3	-4.4	0.1	0.0	-0.4	-3.3	-10.5	-4.1	-7.9	-7.1	-2.7	-3.6	0.8	-4.1
2011 Q4	-7.2	-1.9	0.0	0.1	-2.2	-7.0	-5.1	-15.6	-4.6	-2.0	-4.0	-1.1	-5.1
2012 Q1	-2.2	-0.1	-0.1	-1.1	0.3	-2.6	-1.4	-21.8	-2.7	0.0	-2.5	2.1	-1.4
2012 Q2	-0.8	-0.1	-0.1	0.0	1.7	-0.4	-0.2	-33.5	10.8	1.4	-3.8	0.1	-0.2
2012 Q3	-1.2	-0.2	-0.1	0.0	2.2	-0.2	-0.4	-33.7	7.1	1.9	-2.8	-0.8	-0.4
2012 Q4	2.0	-0.2	-0.1	-0.7	1.9	-1.4	1.3	1.6	4.6	1.8	0.2	-1.4	1.3
2013 Q1	0.3	-0.3	-0.1	0.8	0.8	-5.2	0.4	0.8	2.0	0.9	1.5	-2.5	0.4
2013 Q2	2.2	-0.4	-0.1	0.0	-0.7	-7.6	1.0	17.7	1.6	-0.4	2.1	-2.4	1.0
2013 Q3	0.2	-0.4	-0.1	0.8	-2.1	-8.4	-0.3	22.4	-3.7	-1.7	2.4	-2.3	-0.3
2013 Q4	-0.7	-0.4	-0.1	0.0	-3.3	-8.8	-0.7	-4.6	-0.5	-2.7	1.8	-2.7	-0.7
2014 Q1	0.6	-0.2	-0.1	0.0	-4.9	-5.5	-0.3	-13.1	-0.9	-4.0	2.0	0.4	-0.3
2014 Q2	-1.1	-0.7	0.1	0.0	-5.7	-4.5	-1.9	0.5	-10.9	-5.2	2.4	2.0	-1.9
2014 Q3	2.0	-1.6	-1.3	-0.8	-7.0	-1.5	-0.4	12.1	-0.9	-6.4	1.4	2.7	-0.4
2014 Q4	2.8	-2.4	-2.1	0.0	-6.9	1.1	-0.1	8.4	-1.9	-6.4	1.0	4.5	-0.1
2015 Q1	2.6	-3.0	-3.3	0.0	-6.1	3.6	-0.5	-13.3	2.1	-5.7	-1.6	5.1	-0.5
2015 Q2	1.1	-7.6	-2.7	0.0	-5.4	3.3	-1.4	-28.1	-1.9	-5.1	1.1	5.3	-1.4
2015 Q3	3.9	-4.0	-2.1	0.0	-3.8	0.4	0.7	-23.9	3.5	-3.6	2.4	5.2	0.7
2015 Q4	6.1	-2.0	-1.2	0.0	-3.9	-2.4	2.3	-7.1	7.1	-3.6	4.4	3.8	2.3
2016 Q1	7.2	-3.0	-0.4	0.0	-5.0	-12.6	2.7	0.9	8.8	-3.9	3.5	2.3	2.7
2016 Q2	8.1	5.5	-0.8	0.0	-5.8	-8.8	3.7	16.7	10.5	-5.3	6.4	1.3	3.7
2016 Q3	4.5	3.6	-0.9	0.0	-6.5	-4.8	1.3	26.6	9.4	-5.8	0.3	1.3	1.3
2016 Q4	-1.2	3.2	-1.0	0.0	-6.1	-6.8	-2.0	-15.4	4.1	-5.5	-2.8	1.0	-2.0
2017 Q1	1.0	3.9	-1.1	0.0	-3.4	-30.0	-1.6	-8.7	13.0	-3.5	-6.0	-1.0	-1.6
2017 Q2	0.1	-1.1	1.9	0.6	-1.9	-32.3	-2.9	-0.6	13.8	-1.5	-12.7	-2.1	-2.9
2017 Q3	1.4	-1.6	2.6	0.5	-1.0	-36.8	-2.2	3.4	12.1	-0.6	-11.2	-3.5	-2.2
2017 Q4	3.1	-2.3	1.3	0.0	2.0	-32.4	-0.8	6.4	10.9	1.7	-7.8	-4.1	-0.8
2018 Q1	-2.6	-0.7	0.8	0.0	4.3	-5.6	-1.1	-4.9	-5.3	3.3	-2.1	-0.3	-1.1
2018 Q2	-2.9	2.0	0.5	-0.6	2.0	-0.3	-1.3	-7.6	-6.5	1.2	-2.5	3.7	-1.3
2018 Q3	-1.5	2.7	1.0	-0.4	2.4	2.6	-0.1	-19.0	-1.7	1.6	-0.9	6.4	-0.1
2018 Q4	2.1	-1.1	1.3	-0.4	2.0	2.2	1.5	-12.5	4.3	1.6	-1.8	7.2	1.5
2019 Q1	2.7	-0.1	-5.2	-0.6	-0.8	4.2	1.3	-2.6	5.8	-1.1	0.6	1.7	1.3
2019 Q2	3.2	-8.3	-5.1	-1.7	2.6	-0.3	1.3	7.2	-9.3	2.2	5.8	1.3	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.

G8R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (reference year = 2016)

	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	- 1 235	2 144	154	8	5 808	1 123	6 802	204	- 5 533	5 780	8 940	- 1 217	6 802
1998	- 1 754	2 327	147	5	3 523	2 733	6 915	465	- 7 334	3 521	7 962	2 350	6 915
1999	- 3 335	2 089	131	6	6 156	1 678	5 341	4 006	- 6 197	6 086	2 645	- 1 244	5 341
2000	- 1 064	2 304	117	5	5 509	1 982	7 896	2 968	- 2 332	5 414	858	- 645	7 896
2001	6 667	2 096	187	6	7 386	1 389	17 294	5 070	- 1 927	7 379	3 946	1 007	17 294
2002	6 178	2 593	215	8	11 709	828	19 224	954	- 3 017	11 669	8 140	1 845	19 224
2003	10 020	3 151	233	11	9 066	1 121	22 241	1 807	- 4 443	9 096	9 753	5 199	22 241
2004	8 418	2 832	183	11	10 958	- 178	20 064	2 835	- 5 476	10 864	7 379	4 914	20 064
2005	9 958	1 365	184	7	10 421	330	20 371	3 655	- 2 040	10 342	6 792	3 603	20 371
2006	11 555	2 186	189	8	9 637	729	22 764	5 299	- 2 984	9 595	7 544	3 147	22 764
2007	7 848	2 039	165	3	8 717	493	17 703	5 765	- 5 565	8 649	6 649	1 538	17 703
2008	2 600	2 396	242	1	5 404	6 234	16 562	3 985	- 6 345	5 569	9 872	2 571	16 562
2009	3786	2518	344	1	4000	7754	18316	5027	-5299	4283	7389	5751	18316
2010	1223	2990	334	2	4869	8193	17428	4669	-8250	5199	6923	7936	17428
2011	-6318	2546	309	2	3681	7450	7464	1532	-11912	3973	5029	8030	7464
2012	-7424	2290	271	-1	4383	7703	7166	-53	-9443	4617	3142	8241	7166
2013	-6977	2021	245	1	4100	8130	7644	264	-9638	4333	5248	6954	7644
2014	-5347	1619	219	0	1020	8931	6367	949	-12224	1243	7182	8620	6367
2015	559	-438	20	0	-1656	9134	7603	-1646	-10243	-1638	9190	11789	7603
2016	8946	318	-41	0	-5267	8297	12252	-1231	-5526	-5253	11301	12959	12252
2017	11832	404	48	2	-6335	438	6389	-918	1435	-6287	814	11345	6389
2018	9442	707	91	-1	-5074	392	5557	-3216	140	-4983	-1259	14875	5557

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	-0.3	0.0	0.0	-0.3	-3.6	16.0	-0.2	1.9	-3.1	-3.5	-2.3	8.8	-0.2
1999	-1.1	-1.2	0.0	-0.2	4.2	-19.7	-0.7	25.6	3.1	4.0	-6.5	-8.4	-0.7
2000	1.6	1.0	0.1	0.0	-1.5	1.6	1.0	-6.9	9.9	-1.5	-1.9	1.6	1.0
2001	4.8	-2.3	-0.1	-0.4	3.1	-5.7	3.5	14.8	0.8	2.9	3.3	3.4	3.5
2002	-0.3	1.2	0.1	-0.1	5.6	-4.8	0.5	-41.3	-2.0	5.2	4.6	1.8	0.5
2003	2.5	0.8	-0.3	0.1	-4.7	1.8	0.9	5.7	-2.9	-4.4	1.6	6.9	0.9
2004	-0.8	-2.5	-0.2	-0.1	1.8	-9.5	-0.9	7.8	-1.9	1.7	-2.9	-0.9	-0.9
2005	-0.1	-0.9	0.0	-0.1	-0.6	2.7	-0.2	6.6	7.5	-0.6	-1.1	-3.4	-0.2
2006	1.2	-0.6	-0.1	0.0	-0.5	1.6	0.6	7.7	-1.5	-0.5	0.3	-0.8	0.6
2007	-2.8	-0.4	-0.1	-0.2	-1.1	-1.1	-2.0	4.9	-4.0	-1.0	-1.3	-3.2	-2.0
2008	-2.8	0.0	-0.3	-0.1	-2.6	24.0	-0.1	-7.5	-1.5	-2.7	3.1	1.7	-0.1
2009	1.0	-0.2	0.4	0.0	0.2	17.6	1.3	10.0	-0.5	-0.3	-1.4	5.4	1.3
2010	-1.9	0.8	-0.1	0.1	1.4	-0.6	-0.5	-15.2	-5.9	1.3	-0.4	3.2	-0.5
2011	-5.1	-0.4	-0.1	0.1	-2.9	-4.7	-3.7	-9.0	-5.8	-2.3	-2.2	0.1	-3.7
2012	-0.4	-0.1	-0.1	-0.6	1.5	-1.0	-0.1	-18.2	5.0	1.3	-2.1	0.1	-0.1
2013	0.4	-0.3	0.0	0.4	-1.3	-7.8	0.1	2.9	-0.1	-1.0	1.9	-2.4	0.1
2014	1.2	-1.2	-0.9	-0.3	-6.2	-1.9	-0.6	5.1	-3.1	-5.5	1.7	2.3	-0.6
2015	3.5	-3.8	-2.2	0.0	-4.8	1.0	0.3	-17.5	2.7	-4.5	1.5	4.9	0.3
2016	4.5	1.4	-0.8	0.0	-5.9	-7.5	1.3	3.6	8.0	-5.2	1.9	1.5	1.3
2017	1.4	0.1	1.1	0.2	-1.0	-32.9	-1.9	0.8	12.4	-0.9	-9.3	-2.7	-1.9
2018	-1.2	0.6	0.8	-0.3	2.6	-0.1	-0.3	-10.9	-2.0	1.9	-1.8	4.3	-0.3

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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	- 812	208	35	0	187	37	- 345	16	- 1 339	221	1 475	- 719	- 345
1997 Q2	- 1 268	- 286	- 11	0	145	- 120	- 1 540	75	- 1 628	132	539	- 658	- 1 540
1997 Q3	- 958	2	- 13	0	80	187	- 702	188	- 1 421	68	945	- 482	- 702
1997 Q4	- 852	76	- 11	0	94	267	- 426	72	- 1 384	83	1 069	- 267	- 426
1998 Q1	- 733	- 35	- 6	0	- 21	268	- 526	88	- 1 672	- 27	1 031	54	- 526
1998 Q2	- 948	- 14	- 12	0	- 102	363	- 712	52	- 1 840	- 115	1 006	186	- 712
1998 Q3	- 1 047	- 34	15	0	- 76	569	- 573	161	- 1 704	- 62	880	151	- 573
1998 Q4	- 1 760	81	3	0	20	395	- 1 260	185	- 2 018	24	590	- 42	- 1 260
1999 Q1	- 1 182	220	- 4	0	115	198	- 652	749	- 1 821	110	513	- 204	- 652
1999 Q2	- 1 145	- 201	- 29	0	192	185	- 998	1 117	- 1 786	161	- 73	- 418	- 998
1999 Q3	- 1 148	- 89	37	0	210	215	- 777	1 344	- 1 558	246	- 276	- 534	- 777
1999 Q4	- 585	70	- 4	0	253	187	- 78	1 241	- 975	252	- 28	- 569	- 78
2000 Q1	- 528	155	- 56	0	142	219	- 69	918	- 826	83	345	- 588	- 69
2000 Q2	- 497	- 266	27	0	126	287	- 323	627	- 11	153	- 601	- 491	- 323
2000 Q3	- 830	- 22	28	0	79	287	- 459	754	- 704	107	- 199	- 418	- 459
2000 Q4	- 345	132	2	0	127	328	244	928	- 224	133	- 214	- 378	244
2001 Q1	510	196	23	0	233	199	1 160	1 097	- 278	250	258	- 168	1 160
2001 Q2	674	- 486	- 30	0	299	188	645	1 193	- 542	270	- 170	- 108	645
2001 Q3	812	- 38	8	0	406	136	1 322	1 287	- 469	411	203	- 111	1 322
2001 Q4	1 217	328	0	0	511	88	2 144	1 311	- 179	517	601	- 105	2 144
2002 Q1	659	356	63	0	648	32	1 760	296	- 520	703	1 355	- 75	1 760
2002 Q2	- 437	- 831	- 1	0	737	- 20	- 551	- 2	- 1 458	739	178	- 9	- 551
2002 Q3	506	117	- 34	0	793	58	1 441	183	- 292	756	716	77	1 441
2002 Q4	1 031	359	- 28	0	700	45	2 107	87	- 239	678	1 414	166	2 107
2003 Q1	709	12	145	0	504	132	1 503	- 36	- 1 044	639	1 580	363	1 503
2003 Q2	815	- 491	- 65	0	421	74	754	150	- 784	361	571	455	754
2003 Q3	650	64	- 70	0	428	22	1 095	378	- 1 131	356	909	582	1 095
2003 Q4	1 221	412	- 11	0	466	- 36	2 053	598	- 1 056	463	1 475	574	2 053
2004 Q1	1 133	155	13	0	645	- 66	1 880	388	- 1 271	649	1 518	596	1 880
2004 Q2	520	- 323	- 41	0	773	- 303	627	514	- 1 247	738	- 43	664	627
2004 Q3	852	- 21	1	0	900	- 396	1 335	644	- 1 202	901	473	519	1 335
2004 Q4	822	187	27	0	929	- 303	1 663	635	- 1 096	961	838	325	1 663
2005 Q1	914	243	14	0	836	- 129	1 878	687	- 802	842	756	395	1 878
2005 Q2	- 249	- 380	- 23	0	869	- 96	121	245	- 1 290	852	64	249	121
2005 Q3	- 131	41	5	0	892	- 228	578	518	- 1 089	897	15	238	578
2005 Q4	1 152	95	4	0	836	- 195	1 892	916	- 453	843	393	194	1 892
2006 Q1	1 228	324	73	0	874	13	2 514	851	- 286	944	650	355	2 514
2006 Q2	1 084	- 412	- 34	0	883	114	1 636	838	- 708	853	439	214	1 636
2006 Q3	925	17	- 14	0	900	- 253	1 573	1 033	- 981	884	478	160	1 573
2006 Q4	353	79	- 25	0	929	- 337	998	944	- 1 113	904	230	31	998
2007 Q1	529	- 339	- 29	1	876	- 287	750	1 208	- 1 401	846	- 128	225	750
2007 Q2	887	- 136	33	0	884	- 338	1 329	1 207	- 1 312	918	486	31	1 329
2007 Q3	- 199	169	8	0	814	- 473	318	1 195	- 1 092	820	- 544	- 61	318
2007 Q4	215	305	- 13	0	758	351	1 616	941	- 1 007	747	1 063	- 128	1 616
2008 Q1	221	- 129	- 92	0	499	1 233	1 733	1 475	- 1 136	405	901	88	1 733
2008 Q2	- 509	- 266	114	0	513	1 583	1 434	509	- 1 363	625	1 382	280	1 434
2008 Q3	- 557	339	- 44	0	403	1 133	1 275	613	- 1 080	359	964	418	1 275
2008 Q4	421	55	22	1	349	1 123	1 968	920	- 1 022	373	934	763	1 968
2009 Q1	- 494	- 243	188	0	377	1 383	1 213	649	- 1 266	567	294	969	1 213
2009 Q2	761	- 12	- 260	- 1	361	1 660	2 510	1 359	- 884	100	717	1 219	2 510
2009 Q3	414	214	2	- 1	416	1 766	2 812	1 212	- 1 023	416	815	1 392	2 812
2009 Q4	204	40	69	0	358	1 817	2 489	1 152	- 1 308	430	720	1 495	2 489
2010 Q1	- 241	- 241	85	0	582	1 376	1 562	942	- 1 615	670	- 4	1 568	1 562
2010 Q2	- 495	- 27	- 102	0	561	1 841	1 778	802	- 1 657	459	676	1 498	1 778
2010 Q3	- 667	43	- 13	- 1	560	2 051	1 971	829	- 1 922	544	957	1 562	1 971
2010 Q4	65	225	30	1	452	1 821	2 592	1 529	- 2 155	484	776	1 958	2 592
2011 Q1	- 1 315	154	13	1	336	1 749	938	414	- 1 815	351	380	1 607	938
2011 Q2	- 1 363	- 95	- 17	0	252	1 622	397	589	- 2 362	234	286	1 651	397
2011 Q3	- 2 021	33	0	- 1	211	1 460	- 317	290	- 2 739	210	151	1 771	- 317
2011 Q4	- 2 402	- 92	4	1	260	1 621	- 606	135	- 2 810	264	- 84	1 887	- 606
2012 Q1	- 2 418	180	- 29	1	398	1 710	- 156	163	- 2 474	374	- 174	1 957	- 156
2012 Q2	- 1 889	- 157	27	- 1	444	1 681	105	- 349	- 1 330	469	- 501	1 815	105
2012 Q3	- 2 947	- 1	10	0	461	1 590	- 887	- 584	- 1 899	471	- 587	1 711	- 887
2012 Q4	- 2 765	- 22	- 8	0	470	1 666	- 658	32	- 2 552	460	- 353	1 753	- 658
2013 Q1	- 2 545	292	- 66	2	501	1 729	- 87	- 140	- 2 473	435	301	1 790	- 87
2013 Q2	- 1 518	- 351	59	- 3	442	1 659	290	80	- 1 489	501	- 463	1 660	290
2013 Q3	- 3 301	91	7	0	337	1 725	- 1 142	- 316	- 2 492	344	- 182	1 505	- 1 142
2013 Q4	- 2 852	- 32	0	0	176	1 805	- 904	- 18	- 2 563	176	37	1 464	- 904
2014 Q1	- 2 599	75	- 44	4	- 38	1 852	- 752	- 140	- 2 908	- 82	377	2 001	- 752
2014 Q2	- 2 085	- 28	37	- 4	- 152	1 939	- 292	73	- 2 616	- 113	357	2 008	- 292
2014 Q3	- 2 166	93	2	- 1	- 237	1 942	- 364	81	- 2 932	- 234	692	2 027	- 364
2014 Q4	- 1 248	- 31	7	0	- 376	2 016	368	267	- 2 969	- 368	1 103	2 334	368
2015 Q1	-1167	289	1	6	-305	1834	657	-353	-2682	-304	1285	2711	657
2015 Q2	-629	-55	47	-5	-306	1974	1026	-1011	-2949	-260	2414	2831	1026
2015 Q3	125	-47	-36	-1	-370	1964	1634	-936	-2535	-406	2739	2771	1634
2015 Q4	627	-27	-10	-1	-753	2037	1872	120	-2164	-762	1865	2816	1872
2016 Q1	1988	11	-18	6	-1025	2256	3215	-71	-1125	-993	2083	3322	3215
2016 Q2	2078	114	9	-8	-1194	2025	3023	-402	-1654	-1185	3020	3244	3023
2016 Q3	2348	219	-29	1	-1311	2029	3256	-101	-1257	-1337	2721	3229	3256
2016 Q4	2527	-26	-3	0	-1735	1993	2755	-659	-1490	-1739	3476	3166	2755
2017 Q1	3439	25	18	3	-1426	136	2195	-339	656	-1426	328	2976	2195
2017 Q2	2654	-85	-32	-5	-1200	135	1467	-267	319	-1211	-113	2739	1467
2017 Q3	2388	-3	31	1	-1136	11	1292	46	-302	-1079	25	2602	1292
2017 Q4	1578	260	35	1	-1034	-7	833	-144	-410	-1029	-156	2572	833
2018 Q1	2001	-234	-173	4	-1219	37	416	-604	-395	-1391	-299	3105	416
2018 Q2	1801	254	176	-5	-1036	134	1324	-713	-242	-860	-389	3528	1324
2018 Q3	1803	162	21	0	-1039	9	956	-736	-467	-1017	-499	3675	956
2018 Q4	1874	132	73	-2	-836	-26	1215	-650	-113	-762	-766	3506	1215
2019 Q1	2599	154	-176	-2	-621	-17	1937	-493	-747	-798	554	3421	1937
2019 Q2	2859	-111	136	-3	-771	24	2134	-72	-2469	-635	2300	3010	2134

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2 Remaining investment by public corporations included within business investment

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

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

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

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G10R Gross Fixed Capital Formation by sector and type of asset

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

£ 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
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W
1997 Q2	-1.5	-12.9	-6.7	0.0	-0.6	-10.0	-3.0	1.8	-2.3	-1.2	-11.1	0.9	-3.0
1997 Q3	1.2	8.6	-0.7	0.0	-1.2	13.1	2.2	3.6	2.5	-1.1	3.4	2.3	2.2
1997 Q4	0.5	1.8	0.5	0.0	0.1	3.1	0.7	-3.5	0.5	0.1	0.5	2.8	0.7
1998 Q1	0.5	-2.8	1.7	0.0	-1.5	2.4	-0.2	0.1	-2.9	-1.5	-0.3	3.9	-0.2
1998 Q2	-0.7	0.5	-1.5	0.0	-1.2	3.6	-0.4	-0.7	-1.1	-1.2	-0.4	1.6	-0.4
1998 Q3	-0.3	-0.5	6.8	0.0	0.3	10.2	0.3	3.4	0.3	0.7	-1.4	-0.5	0.3
1998 Q4	-2.2	2.7	-2.4	0.0	1.5	-6.7	-1.5	0.0	-2.2	1.3	-2.2	-2.3	-1.5
1999 Q1	1.8	3.1	-1.6	0.0	1.5	-17.2	1.3	15.9	1.9	1.2	-0.5	-1.9	1.3
1999 Q2	0.0	-9.8	-6.7	0.0	1.1	0.0	-0.8	14.2	0.3	0.6	-4.1	-2.4	-0.8
1999 Q3	0.1	2.4	12.1	0.0	0.2	-0.4	0.5	6.8	2.5	1.1	-1.3	-1.2	0.5
1999 Q4	1.7	3.5	-18.6	0.0	0.5	-2.2	1.4	-5.6	3.7	0.0	1.7	-0.3	1.4
2000 Q1	0.3	1.9	-12.8	0.0	-1.7	0.8	0.1	-5.8	2.5	-2.4	2.4	0.0	0.1
2000 Q2	0.2	-9.7	29.3	0.0	-0.2	2.1	-0.5	-13.5	8.4	0.9	-6.0	1.1	-0.5
2000 Q3	-1.0	5.0	-0.5	0.0	-0.6	3.8	-0.3	6.3	-4.8	-0.5	2.4	0.7	-0.3
2000 Q4	1.6	3.6	-7.3	0.0	0.6	-5.1	1.6	0.4	4.6	0.4	0.0	0.5	1.6
2001 Q1	2.5	1.6	5.2	0.0	1.3	-5.4	1.8	10.7	-0.4	1.4	2.9	2.0	1.8
2001 Q2	0.4	-16.7	-11.7	0.0	0.8	-0.9	-1.1	-13.4	-2.2	0.2	-2.8	0.6	-1.1
2001 Q3	0.5	9.1	6.1	0.0	1.3	-1.9	1.3	4.3	0.7	1.6	2.1	-0.1	1.3
2001 Q4	1.4	6.3	-1.3	0.0	1.2	-1.2	1.7	7.2	2.4	1.1	2.5	0.0	1.7
2002 Q1	-1.9	1.1	9.8	0.0	1.5	-2.1	-0.8	-47.2	-2.8	1.9	4.9	0.3	-0.8
2002 Q2	-3.5	-21.5	-7.9	0.0	0.5	-1.8	-4.8	-9.7	-7.7	0.0	-8.1	0.7	-4.8
2002 Q3	2.8	25.2	-5.5	0.0	0.1	2.5	4.0	4.5	10.1	-0.3	3.4	0.9	4.0
2002 Q4	1.6	3.6	2.8	0.0	-1.7	-0.5	1.1	-2.6	0.4	-1.5	4.0	0.9	1.1
2003 Q1	-1.0	-5.1	19.9	0.0	-1.5	2.6	-1.0	-2.7	-6.4	-0.1	1.0	1.9	-1.0
2003 Q2	0.4	-7.5	-16.8	0.0	-1.2	-1.9	-1.3	4.6	1.2	-2.8	-5.5	0.8	-1.3
2003 Q3	-0.4	9.5	0.1	0.0	-0.1	-1.7	0.6	6.2	-2.9	-0.2	2.2	1.3	0.6
2003 Q4	1.8	5.1	6.4	0.0	0.1	-1.8	1.7	6.6	0.2	0.7	3.1	-0.1	1.7
2004 Q1	-0.3	-4.4	2.8	0.0	1.4	-0.6	-0.5	-5.6	-1.4	1.4	-0.2	0.2	-0.5
2004 Q2	-1.7	-7.2	-7.4	0.0	1.1	-5.4	-2.2	3.6	0.0	0.7	-8.3	0.6	-2.2
2004 Q3	1.1	3.9	4.7	0.0	0.8	-2.6	1.3	4.6	0.2	1.1	2.9	-1.5	1.3
2004 Q4	-0.1	2.4	3.2	0.0	0.1	1.3	0.5	0.7	1.1	0.3	2.1	-1.9	0.5
2005 Q1	0.3	0.2	-1.4	0.0	-0.8	4.5	0.3	2.4	2.7	-1.0	-0.7	0.5	0.3
2005 Q2	-5.7	-1.9	-5.0	0.0	0.0	1.2	-3.2	-16.3	-4.0	-0.1	-3.9	-1.4	-3.2
2005 Q3	0.1	5.0	3.3	0.0	0.1	-2.9	0.8	8.7	1.4	0.2	-0.3	-0.1	0.8
2005 Q4	3.9	0.6	-0.1	0.0	-0.4	1.5	2.2	12.3	5.4	-0.4	1.9	-0.4	2.2
2006 Q1	0.1	2.6	7.1	0.0	0.2	4.2	1.0	-5.6	1.5	0.6	1.2	1.4	1.0
2006 Q2	-0.5	-8.9	-8.8	0.0	0.1	1.8	-1.5	2.1	-3.5	-0.5	-1.0	-1.3	-1.5
2006 Q3	-0.6	4.9	2.6	0.0	0.2	-7.2	-0.2	1.5	-2.1	0.3	0.1	-0.5	-0.2
2006 Q4	-1.6	0.7	-1.1	0.0	0.1	-1.2	-0.9	-3.5	-1.2	0.1	-1.1	-1.1	-0.9
2007 Q1	0.4	-4.4	-0.3	0.3	-0.8	0.9	-0.4	9.1	-1.9	-0.7	-1.5	1.6	-0.4
2007 Q2	0.9	3.0	5.6	-0.2	0.0	-0.8	0.8	-1.9	0.3	0.5	2.7	-1.6	0.8
2007 Q3	-2.7	3.1	-2.8	0.0	-0.4	-1.7	-1.4	3.1	1.8	-0.5	-3.9	-0.7	-1.4
2007 Q4	1.1	1.1	-2.2	0.0	-0.5	12.0	1.9	-7.3	1.2	-0.6	6.9	-0.5	1.9
2008 Q1	0.1	-3.9	-7.9	0.0	-1.9	16.3	0.2	22.8	-1.4	-2.3	-0.3	1.6	0.2
2008 Q2	-1.9	-1.2	17.4	0.0	0.3	6.6	-0.5	-65.5	-1.3	1.6	1.8	1.4	-0.5
2008 Q3	-0.2	5.4	-33.5	0.0	-0.2	1.9	-0.2	4.1	1.6	-1.5	-1.1	1.0	-0.2
2008 Q4	2.6	-2.6	2.9	0.5	-0.4	8.2	1.0	8.3	0.2	0.2	0.0	2.5	1.0
2009 Q1	-2.4	-2.4	7.4	-0.5	0.5	7.6	-1.0	-3.6	-2.3	1.6	-2.7	1.6	-1.0
2009 Q2	3.6	1.7	-21.6	-0.8	0.1	4.5	2.1	21.4	1.9	-3.6	2.0	1.9	2.1
2009 Q3	-1.0	1.9	10.9	0.1	0.6	3.1	0.5	-2.5	-1.0	2.6	0.4	1.1	0.5
2009 Q4	-0.6	-1.3	3.0	0.6	-0.3	0.0	-0.5	1.7	-3.0	0.3	-0.4	0.8	-0.5
2010 Q1	-1.4	-2.2	0.8	0.0	2.3	-9.7	-1.7	-15.2	-2.8	2.0	-3.4	0.2	-1.7
2010 Q2	-0.8	1.7	-8.8	0.0	-0.8	10.3	0.3	-2.6	0.5	-2.3	3.2	-0.8	0.3
2010 Q3	-0.4	0.5	3.9	-0.6	-0.3	2.8	0.3	-5.0	-1.9	0.5	1.3	0.4	0.3
2010 Q4	2.3	1.4	2.0	1.1	-1.0	-2.1	0.9	9.8	-1.5	-0.5	-0.7	2.8	0.9
2011 Q1	-3.9	-0.6	-0.8	0.1	-1.1	-3.9	-2.5	-4.6	2.8	-1.0	-2.3	-2.6	-2.5
2011 Q2	0.0	-1.9	-1.5	-0.6	-0.9	-2.0	-0.8	7.1	-4.0	-0.9	-0.4	0.5	-0.8
2011 Q3	-1.8	1.1	0.8	-0.8	-0.4	-3.8	-1.1	-12.5	-2.1	-0.2	-0.7	0.4	-1.1
2011 Q4	-0.7	-1.0	0.2	1.7	0.3	1.9	-0.5	-10.7	0.4	0.4	-1.2	0.8	-0.5
2012 Q1	0.0	2.4	-1.7	0.0	1.2	1.4	0.7	0.3	2.4	0.8	-0.5	0.4	0.7
2012 Q2	1.1	-2.9	2.9	-1.8	0.6	-0.7	0.4	-12.3	7.2	0.8	-1.5	-1.1	0.4
2012 Q3	-2.7	1.2	-0.9	0.9	0.2	-2.6	-1.5	-10.2	-4.5	0.0	-0.4	-0.7	-1.5
2012 Q4	1.1	-0.2	-1.0	0.0	0.0	-0.2	0.4	36.4	-4.0	-0.2	1.2	-0.1	0.4
2013 Q1	0.2	2.8	-3.2	1.9	0.2	-1.1	0.8	-5.1	0.1	-0.2	2.7	0.1	0.8
2013 Q2	2.8	-6.5	7.1	-3.8	-1.0	-3.9	0.6	10.6	6.3	0.2	-3.7	-1.0	0.6
2013 Q3	-4.3	4.0	-2.9	2.9	-1.0	-2.5	-2.1	-16.6	-7.0	-1.2	1.2	-0.9	-2.1
2013 Q4	1.1	-1.1	-0.4	0.0	-1.3	-0.7	0.3	8.6	-0.6	-1.1	0.9	-0.3	0.3
2014 Q1	0.7	0.9	-2.5	2.8	-1.7	2.4	0.2	-3.6	-2.0	-1.8	1.4	3.2	0.2
2014 Q2	1.4	-0.7	4.8	-5.0	-0.8	-3.4	0.6	6.9	2.5	-0.2	-0.1	0.3	0.6
2014 Q3	-0.2	1.0	-1.7	2.0	-0.6	0.3	-0.1	0.1	-1.9	-0.7	1.3	0.1	-0.1
2014 Q4	2.2	-1.1	0.2	0.6	-1.0	2.7	1.0	4.2	-0.2	-0.9	1.5	1.5	1.0
2015 Q1	0.3	2.5	-0.2	3.6	0.5	0.3	0.3	-17.0	1.5	0.4	0.5	3.0	0.3
2015 Q2	1.2	-2.5	2.1	-5.5	0.1	-1.3	0.5	-11.4	-1.7	0.3	4.0	0.0	0.5
2015 Q3	1.7	0.0	-4.5	3.1	-0.4	-1.8	0.7	-0.9	2.9	-0.9	1.2	-0.2	0.7
2015 Q4	1.1	0.1	1.2	0.0	-2.5	-0.2	0.2	29.2	3.5	-2.0	-3.0	0.3	0.2
2016 Q1	2.9	0.4	-0.4	3.9	-1.7	0.2	1.6	-3.9	6.6	-1.2	0.8	2.7	1.6
2016 Q2	0.1	0.8	1.4	-11.0	-1.0	-0.2	-0.3	-5.3	-3.4	-1.1	3.1	-0.6	-0.3
2016 Q3	0.5	0.7	-1.8	3.1	-0.6	0.4	0.2	5.9	2.5	-0.7	-1.3	-0.2	0.2
2016 Q4	0.4	-1.8	1.2	-0.6	-2.4	-3.1	-0.6	-8.1	-1.5	-2.0	2.4	-0.5	-0.6
2017 Q1	1.8	0.4	1.0	1.7	2.4	-30.5	-0.7	5.6	15.1	2.1	-10.5	-0.8	-0.7
2017 Q2	-1.7	-0.8	-2.3	-5.4	1.4	0.1	-0.9	1.6	-2.4	1.2	-1.5	-1.8	-0.9
2017 Q3	-0.6	0.5	2.7	2.5	0.6	-2.8	-0.2	5.0	-3.7	0.8	0.5	-1.2	-0.2
2017 Q4	-1.6	1.9	0.5	0.0	0.9	-0.3	-0.5	-3.2	-0.6	0.5	-0.6	-0.5	-0.5
2018 Q1	0.9	-3.5	-11.2	1.6	-0.9	1.0	-0.5	-8.9	0.0	-1.7	-0.5	2.8	-0.5
2018 Q2	-0.4	3.5	24.7	-5.7	1.1	2.2	1.0	-3.1	0.9	2.7	-0.3	2.1	1.0
2018 Q3	0.0	-0.8	-14.0	2.2	0.1	-2.9	-0.4	-2.1	-1.4	-0.7	-0.4	0.8	-0.4
2018 Q4	0.2	-0.2	4.8	-1.0	1.0	-0.7	0.3	2.4	2.1	1.2	-0.9	-0.7	0.3
2019 Q1	1.4	0.1	-24.1	0.0	1.1	0.2	0.8	2.5	-4.0	-0.1	4.4	-0.9	0.8
2019 Q2	0.5	-1.6	23.4	-0.4	-0.7	0.9	0.2	12.6	-11.2	0.7	5.4	-2.3	0.2

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G11R Gross Fixed Capital Formation by sector and type of asset

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

£ million

	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	0.8	-6.9	-5.7	0.0	-3.6	13.9	-0.3	2.2	-2.2	-3.8	-7.6	10.4	-0.3
1998 Q2	1.5	8.7	-0.1	0.0	-4.3	21.8	2.4	-1.0	-1.0	-4.0	3.4	11.1	2.4
1998 Q3	-0.2	-0.9	8.8	0.0	-2.5	21.3	0.4	-0.9	-3.0	-2.0	-1.8	8.2	0.4
1998 Q4	-2.9	-0.1	4.5	0.0	-1.1	7.8	-1.9	3.3	-5.6	-0.8	-4.5	2.9	-1.9
1999 Q1	-1.4	6.3	0.5	0.0	2.1	-11.1	-0.2	17.7	-1.0	2.0	-4.7	-3.1	-0.2
1999 Q2	-0.6	-4.4	-3.8	0.0	4.5	-12.7	-0.6	32.6	0.3	4.0	-8.8	-7.2	-0.6
1999 Q3	-0.1	-1.2	6.2	0.0	4.4	-27.8	-0.3	37.4	2.6	4.4	-8.9	-8.0	-0.3
1999 Q4	3.6	-0.3	-1.8	0.0	3.4	-25.4	2.7	29.9	8.0	3.2	-4.8	-5.9	2.7
2000 Q1	2.2	-1.6	-14.7	0.0	0.1	-2.0	1.4	9.3	9.2	-0.7	-1.6	-4.2	1.4
2000 Q2	2.6	-1.4	10.5	0.0	-1.2	0.7	1.8	-18.3	19.8	-0.3	-3.7	-0.5	1.8
2000 Q3	1.0	1.4	-6.4	0.0	-2.0	5.2	0.7	-15.8	6.8	-2.1	0.4	1.6	0.7
2000 Q4	0.9	1.2	1.4	0.0	-1.9	5.3	0.7	-12.3	8.3	-1.7	-1.2	2.4	0.7
2001 Q1	3.2	0.9	37.5	0.0	1.2	-0.3	2.6	7.9	5.1	2.1	-0.6	4.4	2.6
2001 Q2	3.3	-3.8	-23.3	0.0	2.2	-3.1	1.9	14.0	-3.6	1.4	3.2	3.9	1.9
2001 Q3	5.1	-0.2	-10.1	0.0	4.1	-19.5	3.9	11.5	2.6	3.6	2.9	3.2	3.9
2001 Q4	4.5	3.4	-0.8	0.0	4.8	-9.9	3.8	15.1	0.4	4.6	5.0	2.8	3.8
2002 Q1	0.5	2.7	6.2	0.0	5.0	-6.5	1.2	-46.2	-2.0	5.2	6.8	1.0	1.2
2002 Q2	-3.2	-7.2	4.5	0.0	5.0	-7.4	-2.3	-36.7	-7.5	5.1	2.0	1.0	-2.3
2002 Q3	-0.9	2.7	-6.8	0.0	3.9	-3.0	0.1	-38.8	1.6	3.1	3.1	2.0	0.1
2002 Q4	-0.9	0.0	-4.3	0.0	0.6	-2.3	-0.7	-66.4	-0.4	0.2	4.7	2.8	-0.7
2003 Q1	0.1	-8.0	7.3	0.0	-2.9	3.2	-1.0	-10.3	-4.1	-2.1	0.2	4.6	-1.0
2003 Q2	3.7	11.5	-10.7	0.0	-4.8	2.9	2.5	3.6	4.8	-5.2	2.4	4.8	2.5
2003 Q3	0.5	-0.9	-3.8	0.0	-4.9	-1.0	-0.7	5.2	-6.8	-5.0	1.2	5.0	-0.7
2003 Q4	0.8	1.0	1.7	0.0	-3.1	-2.2	0.0	12.3	-6.7	-2.5	0.5	4.0	0.0
2004 Q1	1.3	2.1	-8.8	0.0	0.3	-7.7	0.6	10.5	-2.4	-0.9	-0.8	2.2	0.6
2004 Q2	-0.8	4.9	3.7	0.0	2.8	-12.4	-0.3	10.8	-4.0	3.0	-3.8	1.9	-0.3
2004 Q3	0.7	-1.5	7.7	0.0	3.9	-12.6	0.4	8.4	-0.8	4.3	-3.3	-0.8	0.4
2004 Q4	-1.1	-5.3	4.7	0.0	3.7	-7.3	-0.9	3.0	0.0	3.7	-3.9	-2.7	-0.9
2005 Q1	-0.5	0.3	0.1	0.0	1.3	-1.7	0.0	10.3	3.9	1.2	-4.1	-2.5	0.0
2005 Q2	-3.6	-8.7	2.3	0.0	0.1	4.1	-1.0	-6.6	0.0	0.3	0.6	-4.6	-1.0
2005 Q3	-3.5	0.8	0.5	0.0	-0.6	5.0	-1.6	-3.1	1.4	-0.6	-3.0	-3.0	-1.6
2005 Q4	0.9	-1.3	-3.4	0.0	-1.2	6.2	0.1	8.3	5.7	-1.3	-3.4	-1.5	0.1
2006 Q1	0.7	1.2	6.8	0.0	-0.1	5.7	0.8	0.6	4.5	0.3	-1.3	-0.5	0.8
2006 Q2	2.6	10.5	-1.1	0.0	-0.1	5.8	2.6	18.6	5.0	-0.2	1.9	-0.3	2.6
2006 Q3	3.3	-0.3	-2.1	0.0	0.1	0.4	1.5	13.0	1.5	-0.1	2.2	-0.7	1.5
2006 Q4	-2.8	-0.2	-3.0	0.0	0.6	-2.3	-1.7	-5.9	-5.4	0.3	-1.0	-1.4	-1.7
2007 Q1	-2.5	-7.7	-9.1	0.2	-0.3	-5.3	-3.1	10.2	-9.3	-0.9	-4.0	-1.4	-3.1
2007 Q2	-1.0	3.3	7.3	0.0	-0.4	-9.0	-0.7	7.3	-4.8	0.2	-0.1	-1.8	-0.7
2007 Q3	-3.2	1.6	2.0	0.0	-0.9	-3.2	-2.0	7.4	-0.8	-0.6	-4.5	-2.0	-2.0
2007 Q4	-0.5	2.3	1.1	0.0	-1.6	11.7	0.8	3.7	1.7	-1.4	3.3	-1.3	0.8
2008 Q1	-0.9	3.8	-5.9	-0.2	-2.7	25.4	1.4	17.4	1.8	-3.0	4.5	-1.2	1.4
2008 Q2	-3.7	-1.1	8.6	0.0	-2.5	32.5	0.1	-17.5	0.3	-1.8	3.5	1.9	0.1
2008 Q3	-1.0	1.3	-6.7	0.0	-2.0	21.5	1.4	-16.8	0.1	-2.7	6.2	3.8	1.4
2008 Q4	0.5	-2.6	5.3	0.3	-1.8	17.0	0.6	-2.0	-0.6	-2.0	0.2	6.8	0.6
2009 Q1	-1.9	-0.8	33.2	0.0	0.1	14.5	-0.5	-43.7	-1.6	1.5	-1.9	6.5	-0.5
2009 Q2	2.9	2.4	-57.1	-0.4	0.1	14.4	1.8	24.7	1.2	-2.7	-1.6	6.8	1.8
2009 Q3	2.3	-1.5	2.0	-0.5	0.7	22.4	2.5	19.1	-0.9	0.8	-0.2	7.1	2.5
2009 Q4	-0.4	-0.1	2.1	-0.9	0.8	17.4	1.1	11.4	-3.6	0.9	-0.6	5.5	1.1
2010 Q1	0.6	0.1	-4.8	0.0	2.3	-3.6	0.7	6.6	-4.2	1.2	-1.3	4.2	0.7
2010 Q2	-3.8	-0.1	6.4	0.9	1.8	1.9	-1.3	-15.8	-6.8	2.9	0.0	1.4	-1.3
2010 Q3	-3.5	-1.2	-0.6	0.0	1.0	1.5	-1.6	-22.4	-7.7	0.7	0.8	0.6	-1.6
2010 Q4	-0.6	1.5	-1.6	0.5	0.1	-0.9	-0.2	-23.8	-6.3	-0.2	0.5	2.7	-0.2
2011 Q1	-3.2	3.1	-3.3	0.6	-3.6	6.5	-1.2	-7.1	0.1	-3.5	1.8	-0.2	-1.2
2011 Q2	-2.6	-0.5	3.5	0.0	-3.3	-5.4	-2.3	-0.4	-4.8	-2.0	-2.1	1.1	-2.3
2011 Q3	-3.9	-0.1	0.6	-0.1	-3.3	-10.8	-3.7	-5.5	-5.1	-2.5	-4.1	1.1	-3.7
2011 Q4	-6.9	-2.5	-1.2	0.1	-2.0	-8.3	-5.1	-14.3	-3.1	-1.9	-4.7	-0.9	-5.1
2012 Q1	-2.8	0.2	-2.0	0.1	0.3	-3.1	-1.9	-20.4	-3.5	0.1	-2.7	2.2	-1.9
2012 Q2	-1.3	-0.5	2.0	-0.8	1.8	-1.5	-0.5	-38.5	8.6	1.8	-4.0	0.6	-0.5
2012 Q3	-2.3	-0.3	0.5	0.8	2.3	-0.2	-0.9	-36.0	5.7	2.0	-3.6	-0.6	-0.9
2012 Q4	-0.5	0.6	-0.7	-0.8	1.9	-2.3	-0.1	-3.1	1.9	1.5	-1.2	-1.5	-0.1
2013 Q1	-0.2	1.1	-2.0	0.8	0.9	-5.1	0.1	-6.5	-0.4	0.5	2.2	-1.8	0.1
2013 Q2	1.3	-1.7	1.8	-1.8	-0.6	-8.9	0.3	19.8	-1.4	-0.2	0.3	-1.7	0.3
2013 Q3	-0.2	0.8	-0.1	0.0	-1.9	-9.2	-0.2	23.6	-3.6	-1.6	2.1	-2.0	-0.2
2013 Q4	-0.2	-0.1	0.5	0.0	-3.2	-9.8	-0.3	-1.6	-0.2	-2.6	1.7	-2.2	-0.3
2014 Q1	0.4	-3.0	1.3	1.2	-5.5	-4.8	-0.9	3.5	-2.4	-4.5	0.1	0.9	-0.9
2014 Q2	-1.1	2.9	-1.8	0.0	-4.9	-4.4	-0.9	-2.4	-7.5	-4.6	3.6	2.1	-0.9
2014 Q3	3.1	-0.1	-0.4	-0.7	-4.7	-1.0	1.1	14.5	-2.0	-4.2	3.5	3.2	1.1
2014 Q4	4.4	0.0	0.4	0.0	-4.3	2.7	1.8	8.7	-1.6	-3.7	4.2	5.1	1.8
2015 Q1	4.1	1.6	3.0	0.9	-2.0	0.4	1.9	-2.7	1.9	-1.4	3.4	4.7	1.9
2015 Q2	3.7	-0.2	0.6	-0.8	-1.0	2.1	1.8	-25.8	-2.2	-0.8	7.9	4.8	1.8
2015 Q3	5.6	-1.1	-1.8	0.0	-0.9	0.2	2.6	-23.1	2.5	-1.0	7.7	4.4	2.6
2015 Q4	4.4	0.0	-0.7	-0.6	-2.5	-3.0	1.9	-4.7	6.2	-2.3	2.7	3.1	1.9
2016 Q1	6.9	-1.8	-0.8	0.5	-5.0	-3.9	3.2	4.1	11.6	-4.1	2.9	3.0	3.2
2016 Q2	5.9	1.3	-2.2	-0.4	-5.9	-2.2	2.4	17.2	10.4	-5.4	2.1	2.2	2.4
2016 Q3	4.8	2.2	0.4	1.1	-6.2	0.2	1.9	32.5	9.8	-5.4	-0.4	2.2	1.9
2016 Q4	4.0	0.0	0.4	0.6	-6.0	-2.7	0.9	-14.5	4.7	-5.3	5.4	1.5	0.9
2017 Q1	2.9	0.1	1.8	-2.3	-1.8	-31.2	-1.5	-4.4	13.2	-1.8	-6.8	-2.1	-1.5
2017 Q2	1.0	-1.5	-2.0	1.2	0.8	-33.9	-2.0	2.0	14.5	0.6	-11.4	-3.1	-2.0
2017 Q3	0.0	-1.7	2.9	-0.1	2.1	-37.9	-2.4	1.8	7.6	2.2	-9.6	-4.2	-2.4
2017 Q4	-2.2	2.2	1.8	0.6	5.8	-33.0	-2.4	7.6	8.9	4.9	-12.3	-4.2	-2.4
2018 Q1	-3.1	-1.9	-8.4	0.6	2.1	-2.2	-2.2	-4.9	-6.8	0.6	-2.1	-0.6	-2.2
2018 Q2	-1.8	2.4	8.3	-0.1	2.0	0.1	-0.2	-8.3	-3.3	2.2	-1.0	3.3	-0.2
2018 Q3	-1.1	1.2	0.2	-0.5	1.3	0.0	-0.5	-13.6	-1.0	0.7	-1.8	5.3	-0.5
2018 Q4	0.6	-1.1	2.9	-1.5	1.4	-0.4	0.4	-10.4	1.5	1.5	-2.0	4.8	0.4
2019 Q1	1.2	3.0	-1.0	-3.5	3.4	-1.2	1.6	-0.7	-2.3	3.2	3.0	1.2	1.6
2019 Q2	2.1	-2.8	-3.1	0.8	1.4	-2.5	0.9	13.3	-13.9	1.2	9.2	-3.3	0.9

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G12R Gross Fixed Capital Formation by sector and type of asset

Current price, 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
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS
1997	- 3 890	0	0	0	506	371	- 3 013	351	- 5 772	504	4 028	- 2 126	- 3 013
1998	- 4 488	- 2	0	0	- 179	1 595	- 3 071	486	- 7 234	- 180	3 507	349	- 3 071
1999	- 4 060	0	0	0	770	785	- 2 505	4 451	- 6 140	769	136	- 1 725	- 2 505
2000	- 2 200	- 1	1	0	474	1 121	- 607	3 227	- 1 765	476	- 669	- 1 875	- 607
2001	3 213	0	1	0	1 449	611	5 271	4 888	- 1 468	1 448	892	- 492	5 271
2002	1 759	1	0	0	2 878	115	4 757	564	- 2 509	2 876	3 663	159	4 757
2003	3 395	- 3	- 1	0	1 819	192	5 405	1 090	- 4 015	1 819	4 535	1 974	5 405
2004	3 327	- 2	0	0	3 247	- 1 068	5 505	2 181	- 4 816	3 249	2 786	2 104	5 505
2005	1 686	- 1	0	0	3 433	- 648	4 469	2 366	- 3 634	3 434	1 228	1 076	4 469
2006	3 590	8	0	0	3 586	- 463	6 721	3 666	- 3 088	3 585	1 797	760	6 721
2007	1 432	- 1	- 1	1	3 332	- 747	4 013	4 551	- 4 812	3 331	877	67	4 013
2008	-424	-1	0	1	1764	5072	6410	3517	-4601	1762	4181	1549	6410
2009	885	-1	-1	-2	1512	6626	9024	4372	-4481	1513	2546	5075	9024
2010	-1338	0	0	0	2155	7089	7903	4102	-7349	2157	2405	6586	7903
2011	-7101	0	0	1	1059	6452	412	1428	-9726	1059	733	6916	412
2012	-10019	0	0	0	1773	6647	-1596	-738	-8255	1774	-1615	7236	-1596
2013	-10216	0	0	-1	1456	6918	-1843	-394	-9017	1456	-307	6419	-1843
2014	-8098	109	2	-1	-803	7749	-1040	281	-11425	-797	2529	8370	-1040
2015	-1044	160	2	-1	-1734	7809	5189	-2180	-10330	-1732	8303	11129	5189
2016	8941	318	-41	-1	-5265	8303	12249	-1233	-5526	-5254	11300	12961	12249
2017	10059	197	52	0	-4796	275	5787	-704	263	-4745	84	10889	5787
2018	7479	314	97	-3	-4130	154	3911	-2703	-1217	-4030	-1953	13814	3911

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector							Asset					
			Public corporations [2]		Private sector								
	Business investment [1]	General Government	Dwellings [3]	Costs of ownership transfer on non-produced assets	Dwellings [3]	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment [5]	Dwellings [3]	Other buildings and structures and transfer costs [4]	Intellectual property products	Total
SECTOR [6]	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET [6]	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O
1998	-0.2	0.0	0.0	0.0	-2.8	16.8	0.1	0.7	-3.0	-2.6	-2.3	8.1	0.1
1999	0.4	0.0	0.0	0.0	3.7	-19.6	0.4	28.9	2.5	3.4	-6.8	-6.0	0.4
2000	1.7	0.0	0.0	0.0	-1.4	2.8	1.2	-7.7	11.0	-1.2	-1.4	-0.1	1.2
2001	4.1	0.0	0.0	0.0	3.1	-6.2	3.1	11.8	0.6	2.9	2.6	3.6	3.1
2002	-1.1	0.0	0.0	0.0	3.6	-4.9	-0.4	-45.1	-2.1	3.4	4.2	1.7	-0.4
2003	1.3	0.0	0.0	0.0	-3.9	0.5	0.2	3.6	-3.3	-3.7	1.1	4.6	0.2
2004	0.1	0.0	0.0	0.0	2.8	-9.8	0.0	8.2	-1.8	2.6	-3.0	0.2	0.0
2005	-1.8	0.0	0.0	0.0	-0.1	2.9	-0.6	2.4	2.8	-0.2	-2.6	-2.9	-0.6
2006	1.3	0.0	0.0	0.0	0.1	2.0	0.8	7.2	1.4	0.1	0.5	-0.7	0.8
2007	-1.8	-0.1	0.0	0.0	-0.8	-1.2	-1.3	7.1	-3.2	-0.7	-1.3	-1.6	-1.3
2008	-1.3	0.0	0.1	0.0	-2.2	23.5	0.8	-4.9	0.4	-2.4	3.3	2.8	0.8
2009	0.8	0.0	0.0	-0.2	0.3	18.2	1.2	8.1	-1.1	0.1	-1.1	6.5	1.2
2010	-1.7	0.0	0.0	0.4	1.4	-0.2	-0.6	-13.3	-6.1	1.2	0.0	2.2	-0.6
2011	-4.2	0.0	0.0	0.2	-3.1	-5.2	-3.1	-7.8	-3.3	-2.4	-2.2	0.3	-3.1
2012	-1.6	0.0	0.0	-0.2	1.6	-1.8	-0.8	-22.3	3.4	1.4	-2.9	0.2	-0.8
2013	0.2	0.0	0.0	-0.2	-1.2	-8.4	-0.1	3.0	-1.4	-0.9	1.5	-2.0	-0.1
2014	1.7	0.2	0.1	0.0	-4.8	-1.5	0.4	7.4	-3.2	-4.2	3.0	2.9	0.4
2015	4.5	0.1	0.0	0.0	-1.6	0.0	2.0	-15.3	2.1	-1.4	5.3	4.3	2.0
2016	5.5	0.3	-0.5	0.0	-5.7	-2.0	2.1	6.4	9.1	-5.1	2.5	2.2	2.1
2017	0.4	-0.2	1.1	0.1	1.8	-33.9	-2.1	1.5	11.0	1.5	-10.1	-3.4	-2.1
2018	-1.3	0.2	0.8	-0.4	1.7	-0.6	-0.6	-9.4	-2.3	1.2	-1.7	3.2	-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.

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	- 565	0	0	0	164	10	- 391	62	- 1 392	164	1 417	- 643	- 391
1997 Q2	- 1 050	0	0	0	178	- 42	- 913	105	- 1 125	178	568	- 640	- 913
1997 Q3	- 1 079	0	0	0	109	139	- 831	119	- 1 476	109	914	- 496	- 831
1997 Q4	- 1 197	0	0	0	55	264	- 879	65	- 1 779	55	1 129	- 347	- 879
1998 Q1	- 488	0	0	0	- 32	263	- 258	115	- 1 733	- 32	1 271	121	- 258
1998 Q2	- 804	0	0	0	- 83	420	- 466	100	- 1 412	- 83	719	210	- 466
1998 Q3	- 1 123	0	0	0	- 53	529	- 648	96	- 1 702	- 53	880	131	- 648
1998 Q4	- 2 073	- 1	0	0	- 11	384	- 1 700	176	- 2 388	- 11	634	- 113	- 1 700
1999 Q1	- 1 023	0	0	0	103	219	- 701	812	- 2 029	103	545	- 130	- 701
1999 Q2	- 996	- 1	0	0	208	216	- 573	1 201	- 1 388	208	- 197	- 398	- 573
1999 Q3	- 1 230	0	0	0	221	188	- 821	1 245	- 1 577	221	- 158	- 552	- 821
1999 Q4	- 809	0	0	0	238	161	- 410	1 197	- 1 148	238	- 54	- 642	- 410
2000 Q1	- 497	- 1	0	0	138	242	- 117	1 012	- 1 094	138	364	- 536	- 117
2000 Q2	- 403	0	0	0	134	302	33	644	291	134	- 574	- 461	33
2000 Q3	- 895	0	0	0	78	268	- 550	645	- 704	78	- 126	- 443	- 550
2000 Q4	- 406	0	0	0	125	309	27	925	- 256	125	- 332	- 434	27
2001 Q1	657	0	0	0	217	199	1 072	1 222	- 344	217	106	- 128	1 072
2001 Q2	957	0	0	0	307	208	1 471	1 248	- 84	307	81	- 82	1 471
2001 Q3	889	0	0	0	406	133	1 428	1 218	- 445	406	383	- 135	1 428
2001 Q4	709	0	0	0	518	73	1 300	1 198	- 594	518	323	- 146	1 300
2002 Q1	709	1	0	0	629	- 4	1 336	303	- 572	629	1 000	- 24	1 336
2002 Q2	- 18	0	0	0	747	7	736	140	- 691	747	549	- 11	736
2002 Q3	430	0	0	0	787	69	1 286	120	- 625	787	956	48	1 286
2002 Q4	638	0	0	0	715	44	1 398	3	- 621	715	1 157	145	1 398
2003 Q1	745	- 1	0	0	494	66	1 304	2	- 1 040	494	1 467	381	1 304
2003 Q2	1 102	0	0	0	435	111	1 647	165	- 389	435	960	476	1 647
2003 Q3	693	0	0	0	417	55	1 165	379	- 1 230	417	1 042	558	1 165
2003 Q4	856	0	0	0	473	- 41	1 288	546	- 1 356	473	1 065	559	1 288
2004 Q1	1 257	- 1	0	0	647	- 147	1 758	470	- 1 315	647	1 312	645	1 758
2004 Q2	827	- 1	0	0	786	- 272	1 341	534	- 882	786	230	673	1 341
2004 Q3	717	0	0	0	887	- 361	1 243	595	- 1 281	887	545	498	1 243
2004 Q4	524	- 1	0	0	929	- 291	1 162	582	- 1 337	929	699	288	1 162
2005 Q1	1 094	- 1	0	0	835	- 230	1 699	863	- 1 092	835	617	475	1 699
2005 Q2	- 216	- 1	0	0	882	- 118	548	161	- 966	882	216	255	548
2005 Q3	- 128	0	0	0	883	- 141	614	480	- 1 042	883	84	210	614
2005 Q4	934	- 1	0	0	833	- 159	1 608	860	- 535	833	312	138	1 608
2006 Q1	1 611	0	0	0	881	- 133	2 357	906	- 501	881	721	351	2 357
2006 Q2	1 106	0	0	0	896	28	2 031	810	- 320	896	364	279	2 031
2006 Q3	856	0	0	0	891	- 76	1 672	1 029	- 936	891	534	153	1 672
2006 Q4	17	7	0	0	919	- 282	662	919	- 1 332	919	179	- 23	662
2007 Q1	919	- 1	0	0	927	- 527	1 319	1 308	- 1 413	927	236	263	1 319
2007 Q2	920	- 1	0	0	903	- 445	1 377	1 190	- 851	903	64	71	1 377
2007 Q3	- 165	0	0	0	795	- 179	452	1 159	- 1 091	795	- 339	- 72	452
2007 Q4	- 244	- 1	0	0	706	403	865	893	- 1 457	706	915	- 193	865
2008 Q1	569	0	0	0	584	890	2 044	1 653	- 1 330	584	994	142	2 044
2008 Q2	- 486	0	0	0	497	1 502	1 512	445	- 819	497	1 093	296	1 512
2008 Q3	- 463	0	0	0	360	1 510	1 407	591	- 1 182	360	1 224	413	1 407
2008 Q4	- 46	0	0	0	321	1 171	1 447	828	- 1 270	321	869	697	1 447
2009 Q1	- 116	0	0	0	316	968	1 167	715	- 1 342	316	500	979	1 167
2009 Q2	927	0	0	0	342	1 629	2 898	1 419	- 564	342	447	1 256	2 898
2009 Q3	311	0	0	0	413	2 151	2 875	1 155	- 1 094	413	1 003	1 397	2 875
2009 Q4	- 235	0	0	0	441	1 878	2 084	1 084	- 1 481	441	597	1 443	2 084
2010 Q1	137	0	0	0	475	883	1 493	1 093	- 1 748	475	86	1 588	1 493
2010 Q2	- 262	0	0	0	584	1 800	2 123	812	- 1 239	584	431	1 535	2 123
2010 Q3	- 791	0	0	0	586	2 335	2 129	747	- 1 976	586	1 191	1 581	2 129
2010 Q4	- 422	0	0	0	512	2 066	2 158	1 451	- 2 388	512	701	1 882	2 158
2011 Q1	- 966	0	0	0	303	1 337	676	628	- 2 033	303	206	1 571	676
2011 Q2	- 1 107	0	0	0	250	1 686	829	560	- 1 905	250	225	1 699	829
2011 Q3	- 2 038	0	0	0	227	1 714	- 98	188	- 2 729	227	422	1 795	- 98
2011 Q4	- 2 989	0	0	0	278	1 715	- 995	54	- 3 058	278	- 120	1 851	- 995
2012 Q1	- 2 059	0	0	0	345	1 335	- 377	424	- 2 610	345	- 470	1 934	- 377
2012 Q2	- 1 845	0	0	0	435	1 776	365	- 394	- 912	435	- 596	1 830	365
2012 Q3	- 3 035	0	0	0	481	1 776	- 778	- 706	- 1 993	481	- 303	1 745	- 778
2012 Q4	- 3 080	0	0	0	513	1 761	- 807	- 61	- 2 741	513	- 245	1 728	- 807
2013 Q1	- 2 207	0	0	0	441	1 386	- 377	218	- 2 557	441	- 254	1 774	- 377
2013 Q2	- 1 282	0	0	0	449	1 774	940	14	- 861	449	- 311	1 651	940
2013 Q3	- 3 345	0	0	0	350	1 854	- 1 141	- 475	- 2 698	350	131	1 550	- 1 141
2013 Q4	- 3 382	0	0	0	216	1 902	- 1 265	- 152	- 2 901	216	128	1 444	- 1 265
2014 Q1	- 2 190	22	0	0	15	1 569	- 582	146	- 2 827	15	163	1 920	- 582
2014 Q2	- 1 872	26	4	0	- 177	2 056	36	119	- 2 233	- 173	282	2 039	36
2014 Q3	- 2 243	29	0	0	- 307	2 035	- 486	- 156	- 3 018	- 307	918	2 077	- 486
2014 Q4	- 1 792	32	0	0	- 334	2 086	- 8	173	- 3 347	- 334	1 166	2 334	- 8
2015 Q1	-816	35	-4	0	-261	1798	752	-35	-2601	-265	980	2673	752
2015 Q2	-961	40	5	0	-343	1848	588	-1004	-2621	-338	1724	2828	588
2015 Q3	-467	41	0	0	-454	1979	1097	-1109	-2571	-454	2439	2792	1097
2015 Q4	1199	44	1	0	-675	2183	2754	-33	-2538	-674	3163	2835	2754
2016 Q1	2892	48	-6	0	-899	1656	3689	209	-1358	-852	2391	3300	3689
2016 Q2	3101	69	-5	0	-1239	2221	4149	-246	-1289	-1244	3698	3229	4149
2016 Q3	2238	101	-15	0	-1464	2230	3091	-383	-1161	-1479	2877	3238	3091
2016 Q4	714	100	-15	0	-1664	2189	1323	-811	-1718	-1679	2336	3195	1323
2017 Q1	3276	108	-28	0	-1258	293	2391	-231	493	-1286	457	2958	2391
2017 Q2	2617	13	29	0	-1225	137	1571	-143	-11	-1196	157	2764	1571
2017 Q3	2438	30	35	0	-1137	-75	1291	-127	61	-1102	-156	2615	1291
2017 Q4	1729	46	15	0	-1175	-81	534	-203	-281	-1160	-374	2552	534
2018 Q1	2105	97	4	0	-1023	187	1370	-308	-339	-1019	44	2992	1370
2018 Q2	1456	202	20	-1	-1166	127	638	-486	-417	-1146	-750	3437	638
2018 Q3	1555	252	40	-1	-1090	-67	689	-1053	-198	-1048	-692	3680	689
2018 Q4	2363	-237	33	-1	-851	-93	1214	-856	-263	-817	-555	3705	1214
2019 Q1	3139	122	-101	-2	-717	157	2598	-388	695	-818	-116	3225	2598
2019 Q2	3061	-429	6	-4	-781	58	1911	-483	-1479	-775	1052	3596	1911

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G14R Gross Fixed Capital Formation by sector and type of asset

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

£ million

	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	-1.8	0.0	0.0	0.0	0.1	-4.2	-1.3	1.3	1.8	0.4	-6.6	0.1	-1.3
1997 Q3	0.0	0.0	0.0	0.0	-1.2	8.3	0.4	0.6	-2.7	-1.3	2.7	1.9	0.4
1997 Q4	0.0	0.0	0.0	0.0	-1.0	6.1	0.1	-1.2	-0.7	-1.0	0.9	2.1	0.1
1998 Q1	2.2	0.0	0.0	0.0	-1.2	4.7	1.5	0.6	-0.8	-1.2	0.6	5.6	1.5
1998 Q2	-1.1	0.0	0.0	0.0	-0.8	4.4	-0.5	0.0	1.8	-0.7	-2.4	1.1	-0.5
1998 Q3	-1.0	0.0	0.0	0.0	0.4	1.1	-0.4	0.2	-3.1	0.4	0.3	-1.0	-0.4
1998 Q4	-2.8	-0.1	0.0	0.0	0.6	-3.3	-2.3	2.6	-3.6	0.6	-2.1	-2.9	-2.3
1999 Q1	2.9	0.0	0.0	0.0	1.7	-9.9	2.2	19.4	2.0	1.6	-0.8	-0.2	2.2
1999 Q2	-0.1	0.0	0.0	0.0	1.5	-0.4	0.2	13.4	3.8	1.5	-4.2	-3.0	0.2
1999 Q3	-0.6	0.0	0.0	0.0	0.0	-5.7	-0.5	4.7	-0.9	0.1	0.6	-1.7	-0.5
1999 Q4	1.5	0.0	0.0	0.0	0.3	-1.3	0.9	2.0	4.0	0.2	0.7	-0.9	0.9
2000 Q1	1.0	0.0	0.0	0.0	-1.6	3.2	0.7	-9.5	1.1	-1.5	2.6	1.2	0.7
2000 Q2	0.3	0.0	0.0	0.0	-0.1	1.5	0.3	-20.5	12.1	0.0	-5.1	0.9	0.3
2000 Q3	-1.5	0.0	0.0	0.0	-0.7	1.6	-1.1	4.3	-7.0	-0.7	3.3	0.2	-1.1
2000 Q4	1.8	0.0	0.0	0.0	0.6	-1.6	1.3	8.7	5.2	0.6	-1.3	0.2	1.3
2001 Q1	3.0	0.0	0.0	0.0	1.2	-3.1	2.1	13.7	-0.7	1.0	2.8	3.0	2.1
2001 Q2	0.9	0.0	0.0	0.0	1.1	-0.6	0.9	-31.2	1.6	1.1	0.0	0.5	0.9
2001 Q3	-0.1	0.0	0.0	0.0	1.1	-4.3	-0.1	5.2	-3.1	1.0	1.9	-0.6	-0.1
2001 Q4	-0.6	0.0	0.0	0.0	1.4	-1.2	-0.2	9.5	-0.8	1.3	-0.4	-0.1	-0.2
2002 Q1	0.1	0.0	0.0	0.0	1.2	-2.4	0.0	-57.1	-0.1	0.8	4.2	1.3	0.0
2002 Q2	-2.4	0.0	0.0	0.0	0.7	0.4	-1.1	-8.4	-1.2	1.2	-2.1	0.2	-1.1
2002 Q3	1.3	0.0	0.0	0.0	-0.1	2.0	1.0	0.0	0.8	-0.2	2.4	0.6	1.0
2002 Q4	0.5	0.0	0.0	0.0	-1.3	-0.6	0.0	-2.8	0.6	-1.4	0.5	0.9	0.0
2003 Q1	0.4	0.0	0.0	0.0	-1.6	0.8	-0.2	0.0	-3.3	-2.0	1.4	2.3	-0.2
2003 Q2	1.2	0.0	0.0	0.0	-1.0	1.4	0.9	4.3	3.2	-0.4	-1.2	1.0	0.9
2003 Q3	-1.2	0.0	0.0	0.0	-0.3	-2.7	-1.1	5.6	-7.8	-0.4	0.4	0.8	-1.1
2003 Q4	0.4	0.0	0.0	0.0	0.3	-2.5	0.1	6.2	-0.5	0.2	-0.7	-0.1	0.1
2004 Q1	1.3	0.0	0.0	0.0	1.4	-2.8	0.7	-3.5	0.6	1.2	0.7	0.9	0.7
2004 Q2	-1.0	0.0	0.0	0.0	1.1	-2.8	-0.5	-0.4	2.0	1.4	-4.1	0.3	-0.5
2004 Q3	-0.4	0.0	0.0	0.0	0.5	-1.6	-0.3	3.7	-3.3	0.4	1.9	-1.9	-0.3
2004 Q4	-0.7	0.0	0.0	0.0	0.3	0.3	-0.2	2.4	0.6	0.2	0.8	-2.0	-0.2
2005 Q1	1.9	0.0	0.0	0.0	-0.7	0.3	0.8	10.0	1.4	-0.9	-0.8	1.6	0.8
2005 Q2	-6.6	0.0	0.0	0.0	0.0	4.8	-1.9	-34.1	0.9	0.4	-1.6	-2.0	-1.9
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.4	0.1	9.4	-0.4	-0.2	-1.0	-0.4	0.1
2005 Q4	3.3	0.0	0.0	0.0	-0.4	-0.1	1.6	13.4	5.0	-0.4	1.1	-0.7	1.6
2006 Q1	2.0	0.0	0.0	0.0	0.4	0.3	1.1	-3.4	0.2	0.1	1.8	1.8	1.1
2006 Q2	-1.6	0.0	0.0	0.0	-0.1	3.0	-0.1	-5.7	1.0	0.4	-1.1	-0.5	-0.1
2006 Q3	-1.0	0.0	0.0	0.0	0.0	-2.2	-0.9	5.0	-5.3	-0.1	0.5	-1.2	-0.9
2006 Q4	-2.5	0.1	0.0	0.0	0.1	-3.4	-1.7	-1.3	-2.7	0.1	-1.7	-1.5	-1.7
2007 Q1	2.4	-0.1	0.0	0.0	-0.1	-4.7	0.9	13.1	-0.4	-0.3	0.2	2.3	0.9
2007 Q2	-0.1	0.0	0.0	0.0	-0.3	2.4	0.2	-14.3	2.3	0.1	-0.6	-1.5	0.2
2007 Q3	-2.8	0.1	0.0	0.0	-0.6	6.8	-1.4	4.5	-1.2	-0.8	-1.8	-1.2	-1.4
2007 Q4	-0.1	0.0	0.0	0.0	-0.8	7.9	0.5	-4.5	-1.8	-0.8	5.4	-0.9	0.5
2008 Q1	1.9	0.1	0.0	0.0	-0.7	10.1	1.6	32.5	0.1	-0.8	0.3	2.6	1.6
2008 Q2	-2.9	0.0	0.0	0.0	-0.7	11.0	-0.5	-118.1	3.3	-0.3	0.9	1.2	-0.5
2008 Q3	0.1	0.0	0.0	0.0	-0.5	6.1	-0.2	5.4	-2.7	-0.8	0.4	0.8	-0.2
2008 Q4	1.1	0.0	0.0	0.0	-0.3	3.6	0.1	7.2	-0.4	-0.3	-1.5	2.0	0.1
2009 Q1	-0.2	0.0	0.0	0.0	0.4	6.1	-0.4	0.9	-1.1	0.1	-1.7	2.0	-0.4
2009 Q2	3.1	0.0	0.0	0.0	0.2	5.8	2.9	18.2	3.6	0.4	0.4	2.4	2.9
2009 Q3	-2.0	0.0	0.0	0.0	0.7	4.7	-0.5	-3.0	-4.8	0.5	2.6	0.9	-0.5
2009 Q4	-1.7	0.0	0.0	0.0	0.5	-2.1	-1.3	1.8	-3.3	0.4	-2.1	0.1	-1.3
2010 Q1	1.1	0.0	0.0	0.0	0.7	-7.5	-1.1	-5.1	-2.4	0.3	-2.6	0.4	-1.1
2010 Q2	-1.2	0.0	0.0	0.0	0.2	18.8	1.3	-11.3	3.2	0.8	1.6	0.0	1.3
2010 Q3	-1.6	0.0	0.0	0.0	-0.4	3.1	-0.4	-5.5	-5.5	-0.4	4.0	0.2	-0.4
2010 Q4	1.3	0.0	0.0	0.0	-0.7	1.2	-0.1	10.3	-2.0	-0.6	-2.3	1.9	-0.1
2011 Q1	-1.6	0.0	0.0	0.0	-1.4	-2.7	-2.3	1.1	2.5	-1.4	-3.1	-2.6	-2.3
2011 Q2	-0.4	0.0	0.0	0.0	-0.9	-4.3	0.3	-8.0	-0.8	-0.4	0.3	1.6	0.3
2011 Q3	-2.5	0.0	0.0	0.0	-0.3	-5.5	-1.7	-13.8	-4.4	-0.2	0.9	0.1	-1.7
2011 Q4	-2.1	0.0	0.0	0.0	0.4	0.8	-1.4	-9.0	-0.2	0.4	-2.7	0.2	-1.4
2012 Q1	2.0	0.0	0.0	0.0	0.9	3.4	0.9	10.9	2.6	0.6	-1.6	0.2	0.9
2012 Q2	0.3	0.0	0.0	0.0	0.7	-2.1	1.0	-20.9	8.6	0.7	-0.9	-0.1	1.0
2012 Q3	-3.0	0.0	0.0	0.0	0.3	-6.0	-1.9	-14.1	-8.8	0.3	1.6	-0.9	-1.9
2012 Q4	1.0	0.0	0.0	0.0	0.0	-0.3	0.1	45.9	-3.7	0.1	0.4	-0.8	0.1
2013 Q1	1.2	0.0	0.0	0.0	-0.2	1.4	0.6	7.3	0.6	-0.3	0.0	-0.1	0.6
2013 Q2	2.6	0.0	0.0	0.0	-0.7	-4.8	1.9	-15.9	8.9	-0.3	-0.3	-0.3	1.9
2013 Q3	-5.2	0.0	0.0	0.0	-0.9	-6.1	-3.3	-18.0	-15.1	-0.9	2.2	-0.8	-3.3
2013 Q4	0.4	0.0	0.0	0.0	-1.1	-0.4	-0.1	11.5	0.1	-1.0	0.0	-0.9	-0.1
2014 Q1	2.2	0.2	0.0	0.0	-1.4	3.5	0.9	7.5	0.5	-1.3	0.1	2.6	0.9
2014 Q2	1.1	0.1	0.2	0.0	-1.5	-3.9	0.7	-3.1	2.2	-1.2	0.5	1.6	0.7
2014 Q3	-0.8	0.0	-0.3	0.0	-0.9	-2.7	-0.7	-5.9	-4.3	-0.8	2.6	0.1	-0.7
2014 Q4	1.6	0.0	0.0	0.0	-0.2	2.4	0.6	8.2	-0.7	-0.1	0.7	0.8	0.6
2015 Q1	1.9	-0.1	-0.1	0.0	0.3	6.2	1.0	-5.2	3.6	0.3	-1.2	2.5	1.0
2015 Q2	-0.3	0.1	0.3	0.0	-0.2	-13.4	-0.1	-16.6	-1.8	-0.3	2.9	1.1	-0.1
2015 Q3	1.1	0.0	-0.4	0.0	-0.8	-1.9	0.7	-5.7	1.8	-0.6	2.4	-0.3	0.7
2015 Q4	3.8	0.0	0.0	0.0	-1.4	2.2	2.0	34.2	2.9	-1.2	2.3	-0.2	2.0
2016 Q1	3.6	-0.1	-0.4	0.0	-1.7	-4.5	1.1	4.1	6.2	-1.2	-3.4	2.3	1.1
2016 Q2	0.2	0.2	0.0	0.0	-1.8	9.0	0.8	-9.0	0.1	-2.1	5.3	0.3	0.8
2016 Q3	-1.9	0.2	-0.5	0.0	-1.2	-2.3	-1.6	-1.9	1.3	-1.1	-4.2	-0.2	-1.6
2016 Q4	-3.2	0.0	0.1	0.0	-0.9	-2.9	-2.2	-6.9	-3.1	-0.7	-2.1	-1.0	-2.2
2017 Q1	5.2	-0.3	-0.4	0.0	2.0	-23.3	1.2	7.7	14.1	1.9	-7.0	-1.1	1.2
2017 Q2	-1.6	-0.3	1.9	0.0	0.9	-4.2	-0.8	3.0	-3.1	0.8	-0.8	-0.8	-0.8
2017 Q3	-0.5	0.1	0.0	0.0	0.7	-5.1	-0.4	0.0	0.4	0.7	-1.2	-1.2	-0.4
2017 Q4	-1.7	0.1	-0.6	0.0	0.4	-0.1	-0.9	-1.5	-2.1	0.0	-0.7	-1.2	-0.9
2018 Q1	1.0	0.2	-0.5	0.0	0.3	5.3	0.9	-2.2	-0.5	0.3	1.4	2.2	0.9
2018 Q2	-1.3	0.8	1.1	-0.6	-0.1	-1.6	-0.8	-3.0	-0.7	-0.3	-2.4	2.7	-0.8
2018 Q3	0.1	0.1	1.5	0.1	0.4	-4.9	0.1	-12.3	1.7	0.6	0.6	1.3	0.1
2018 Q4	1.4	-3.5	-0.4	0.0	1.3	-0.5	0.5	5.3	-0.3	1.2	0.5	-0.3	0.5
2019 Q1	1.6	3.4	-14.1	-0.6	0.3	4.9	1.5	8.2	5.6	-0.2	1.6	-3.2	1.5
2019 Q2	-0.2	-2.4	3.4	-1.2	-0.1	-2.6	-0.5	2.9	-12.0	0.3	3.2	2.8	-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

£ 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
1998 Q1	0.6	0.0	0.0	0.0	-3.5	18.5	0.4	1.2	-2.2	-3.0	-4.0	10.3	0.4
1998 Q2	1.2	0.0	0.0	0.0	-4.6	21.5	1.4	-0.5	-2.2	-4.5	0.9	11.2	1.4
1998 Q3	0.1	0.0	0.0	0.0	-2.6	19.6	0.5	-0.7	-2.6	-2.5	-1.6	8.2	0.5
1998 Q4	-2.6	0.0	0.0	0.0	-1.0	6.9	-1.7	3.8	-5.0	-0.9	-4.7	3.0	-1.7
1999 Q1	-1.7	0.0	0.0	0.0	2.2	-13.9	-1.0	17.4	-2.3	2.0	-6.0	-3.1	-1.0
1999 Q2	-0.6	0.0	0.0	0.0	4.3	-14.5	-0.2	31.5	0.1	4.2	-8.4	-7.3	-0.2
1999 Q3	-0.2	0.0	0.0	0.0	4.2	-23.0	-0.3	36.9	2.6	4.0	-8.1	-8.0	-0.3
1999 Q4	3.7	0.0	0.0	0.0	3.8	-23.7	2.9	33.3	8.8	3.5	-5.1	-5.8	2.9
2000 Q1	1.8	-0.1	0.0	0.0	0.3	-3.1	1.4	10.6	8.7	0.2	-1.6	-4.4	1.4
2000 Q2	2.4	0.0	0.0	0.0	-1.3	-0.7	1.5	-19.8	19.3	-1.3	-2.8	-0.3	1.5
2000 Q3	1.1	0.0	0.0	0.0	-2.1	4.4	0.6	-16.5	7.3	-2.1	0.2	1.5	0.6
2000 Q4	1.4	0.0	0.0	0.0	-1.7	5.4	1.0	-13.4	9.0	-1.6	-1.7	2.6	1.0
2001 Q1	3.6	0.0	0.0	0.0	1.1	-1.0	2.4	10.7	6.7	0.9	-1.5	4.3	2.4
2001 Q2	4.0	0.0	0.0	0.0	2.2	-2.9	2.9	12.9	-2.4	2.1	5.1	3.9	2.9
2001 Q3	5.7	0.0	0.0	0.0	4.1	-14.0	4.4	14.5	2.9	3.8	3.6	3.2	4.4
2001 Q4	3.1	0.0	0.0	0.0	5.0	-9.5	2.5	14.1	-2.6	4.7	3.9	3.0	2.5
2002 Q1	0.2	0.0	0.0	0.0	5.1	-8.7	0.5	-52.9	-1.8	4.5	5.1	1.2	0.5
2002 Q2	-2.9	0.0	0.0	0.0	5.0	-7.6	-1.6	-30.1	-5.4	4.7	3.0	0.8	-1.6
2002 Q3	-1.4	0.0	0.0	0.0	3.8	-2.3	-0.4	-39.5	-1.5	3.6	3.5	1.9	-0.4
2002 Q4	-0.4	0.0	0.0	0.0	0.7	-1.6	-0.1	-77.9	-0.2	0.6	5.0	3.0	-0.1
2003 Q1	0.0	-0.1	0.0	0.0	-2.8	2.6	-0.3	-9.8	-3.5	-2.6	1.9	4.2	-0.3
2003 Q2	3.4	0.0	0.0	0.0	-4.8	3.5	1.8	1.1	1.9	-4.7	2.6	5.1	1.8
2003 Q3	0.9	0.0	0.0	0.0	-4.9	-0.4	-0.3	6.6	-5.3	-4.7	0.7	5.1	-0.3
2003 Q4	0.7	0.0	0.0	0.0	-3.1	-2.3	-0.2	14.2	-6.0	-2.8	-0.4	4.0	-0.2
2004 Q1	1.7	0.0	0.0	0.0	0.4	-8.5	0.7	12.3	-2.6	0.6	-1.3	2.5	0.7
2004 Q2	-0.6	0.0	0.0	0.0	2.8	-13.8	-0.8	9.5	-4.7	2.7	-5.0	1.8	-0.8
2004 Q3	0.2	0.0	0.0	0.0	3.7	-11.4	0.1	7.1	-0.7	3.6	-3.8	-0.8	0.1
2004 Q4	-0.9	0.0	0.0	0.0	3.6	-6.6	-0.3	3.2	0.4	3.3	-2.2	-2.8	-0.3
2005 Q1	-0.3	0.0	0.0	0.0	1.3	-2.7	-0.1	14.1	1.3	1.1	-3.5	-2.3	-0.1
2005 Q2	-5.3	0.0	0.0	0.0	0.1	3.0	-1.7	-8.7	-0.1	0.1	-0.2	-4.7	-1.7
2005 Q3	-3.0	0.0	0.0	0.0	-0.5	5.6	-1.3	-3.2	2.7	-0.5	-3.1	-3.0	-1.3
2005 Q4	1.2	0.0	0.0	0.0	-1.2	6.3	0.6	9.1	6.8	-1.2	-2.9	-1.7	0.6
2006 Q1	1.3	0.0	0.0	0.0	0.0	7.2	0.8	-4.8	5.6	-0.2	0.0	-1.3	0.8
2006 Q2	2.6	0.0	0.0	0.0	-0.2	4.7	2.6	17.9	5.3	-0.1	0.7	0.2	2.6
2006 Q3	3.0	0.0	0.0	0.0	0.1	1.8	1.6	14.1	1.5	0.0	2.2	-0.6	1.6
2006 Q4	-3.0	0.1	0.0	0.0	0.5	-2.0	-1.7	-5.7	-6.2	0.4	-0.8	-1.4	-1.7
2007 Q1	-2.7	0.0	0.0	0.0	0.0	-7.7	-1.8	12.5	-7.0	0.1	-2.4	-1.0	-1.8
2007 Q2	-1.0	-0.1	0.0	0.0	-0.3	-9.7	-1.4	7.6	-4.8	-0.3	-1.9	-2.0	-1.4
2007 Q3	-2.9	0.0	0.0	0.0	-1.0	-1.5	-1.9	6.5	-1.3	-0.9	-4.0	-2.0	-1.9
2007 Q4	-0.7	-0.1	0.0	0.0	-1.9	11.2	0.2	3.1	-0.3	-1.8	2.9	-1.4	0.2
2008 Q1	-1.0	0.1	0.0	0.0	-2.5	25.6	1.0	23.2	0.2	-2.2	2.9	-1.1	1.0
2008 Q2	-3.8	0.0	0.0	0.0	-2.7	34.0	0.1	-16.4	1.0	-2.7	4.5	1.8	0.1
2008 Q3	-0.8	0.0	0.0	0.0	-2.2	22.9	1.4	-16.1	-0.6	-2.6	6.4	3.9	1.4
2008 Q4	0.5	0.0	0.0	0.0	-1.7	16.7	0.9	-4.4	0.7	-2.0	0.4	6.7	0.9
2009 Q1	-1.7	0.0	0.0	0.0	-0.7	13.6	-1.0	-62.5	-0.6	-1.1	-1.4	6.0	-1.0
2009 Q2	3.4	0.0	0.0	0.0	0.0	14.9	2.4	25.8	0.5	-0.4	-1.8	7.1	2.4
2009 Q3	1.8	0.0	0.0	0.0	1.0	19.5	2.4	17.9	-0.8	0.7	-0.4	7.3	2.4
2009 Q4	-0.5	0.0	0.0	0.0	1.6	17.0	1.2	11.7	-3.2	1.3	-0.9	5.5	1.2
2010 Q1	0.8	0.0	0.0	0.0	2.0	-7.6	0.6	9.7	-4.5	1.5	-1.7	4.2	0.6
2010 Q2	-3.7	0.0	0.0	0.0	2.2	0.9	-1.5	-15.9	-6.7	2.0	0.1	1.5	-1.5
2010 Q3	-3.5	0.0	0.0	0.0	1.2	-0.5	-1.5	-22.2	-7.5	1.1	1.0	0.7	-1.5
2010 Q4	-0.5	0.0	0.0	0.0	-0.2	3.2	-0.2	-24.4	-6.2	0.0	0.7	2.5	-0.2
2011 Q1	-3.4	0.0	0.0	0.0	-2.7	14.0	-1.3	-3.5	-0.6	-2.0	0.5	-0.6	-1.3
2011 Q2	-2.7	0.0	0.0	0.0	-3.6	-3.2	-2.4	-1.1	-5.4	-3.0	-1.3	1.2	-2.4
2011 Q3	-3.5	0.0	0.0	0.0	-3.4	-9.5	-3.5	-6.8	-4.5	-2.7	-3.9	1.2	-3.5
2011 Q4	-6.9	0.0	0.0	0.0	-2.4	-11.5	-4.9	-15.5	-2.6	-1.9	-4.4	-0.5	-4.9
2012 Q1	-2.9	0.0	0.0	0.0	0.2	-2.6	-1.7	-26.4	-2.5	0.3	-2.9	2.3	-1.7
2012 Q2	-2.0	0.0	0.0	0.0	1.7	-0.9	-0.9	-38.0	9.5	1.4	-4.8	0.5	-0.9
2012 Q3	-2.5	0.0	0.0	0.0	2.3	-1.4	-1.1	-37.4	4.8	1.9	-3.6	-0.5	-1.1
2012 Q4	0.4	0.0	0.0	0.0	2.0	-2.6	0.3	-3.4	2.1	1.7	-0.5	-1.4	0.3
2013 Q1	-0.4	0.0	0.0	0.0	0.9	-6.2	0.0	-0.5	0.0	0.8	0.8	-1.7	0.0
2013 Q2	2.0	0.0	0.0	0.0	-0.5	-8.5	0.9	18.6	0.5	-0.3	1.7	-2.0	0.9
2013 Q3	-0.1	0.0	0.0	0.0	-2.0	-8.7	-0.4	24.8	-4.7	-1.5	2.1	-1.9	-0.4
2013 Q4	-0.7	0.0	0.0	0.0	-3.2	-9.0	-0.6	-2.6	-1.1	-2.7	1.6	-2.2	-0.6
2014 Q1	0.5	0.1	0.0	0.0	-4.8	-5.3	-0.2	-11.0	-1.2	-3.9	1.9	0.5	-0.2
2014 Q2	-1.2	0.3	0.3	0.0	-5.1	-4.6	-1.5	3.5	-11.1	-4.7	2.8	2.5	-1.5
2014 Q3	3.0	0.3	0.0	0.0	-5.2	-1.2	1.0	14.1	-0.8	-4.6	3.2	3.3	1.0
2014 Q4	4.2	0.3	0.0	0.0	-4.1	1.9	1.8	10.2	-1.6	-3.7	4.0	5.2	1.8
2015 Q1	4.0	0.1	-0.2	0.0	-2.2	5.8	1.8	-10.2	1.7	-1.9	2.8	4.9	1.8
2015 Q2	2.5	0.1	0.1	0.0	-1.1	-1.7	0.7	-25.2	-2.9	-0.9	6.1	4.7	0.7
2015 Q3	4.5	0.1	0.0	0.0	-0.9	-0.9	2.1	-22.5	2.7	-0.8	5.7	4.3	2.1
2015 Q4	6.8	0.2	0.0	0.0	-2.2	-1.5	3.4	-5.1	6.1	-2.0	7.1	3.1	3.4
2016 Q1	8.4	0.1	-0.1	0.0	-4.7	-20.1	3.6	4.2	8.9	-3.6	4.7	3.0	3.6
2016 Q2	9.1	0.3	-0.7	0.0	-5.8	3.9	4.6	18.8	11.8	-5.3	7.5	2.1	4.6
2016 Q3	6.2	0.5	-0.8	0.0	-6.5	3.3	2.4	33.1	11.1	-5.8	1.3	2.2	2.4
2016 Q4	-1.0	0.5	-0.8	0.0	-5.9	-1.7	-1.8	-13.4	5.2	-5.4	-3.1	1.5	-1.8
2017 Q1	0.6	0.4	-0.9	0.0	-1.7	-25.0	-1.7	-7.6	13.7	-2.0	-6.6	-2.0	-1.7
2017 Q2	-1.2	-0.6	1.9	0.0	1.0	-35.6	-3.4	1.5	10.3	1.1	-13.6	-3.0	-3.4
2017 Q3	0.2	-0.6	2.5	0.0	3.0	-39.2	-2.3	2.6	9.3	3.0	-11.0	-4.2	-2.3
2017 Q4	1.9	-0.5	1.3	0.0	4.4	-34.6	-1.0	8.1	10.7	3.8	-9.6	-4.5	-1.0
2018 Q1	-2.6	0.0	0.8	0.0	2.4	-2.5	-1.3	-1.8	-5.3	1.7	-1.3	-1.1	-1.3
2018 Q2	-2.4	1.6	0.4	-0.6	1.3	-0.1	-1.1	-5.6	-2.6	0.7	-3.4	2.7	-1.1
2018 Q3	-1.8	1.7	1.0	-0.5	1.1	0.2	-0.7	-17.1	-1.6	0.6	-1.8	5.3	-0.7
2018 Q4	1.2	-2.1	1.4	-0.5	2.0	-0.3	0.8	-13.2	0.0	1.7	-0.6	5.9	0.8
2019 Q1	2.0	0.0	-6.6	-1.2	2.1	-0.7	1.2	-2.8	6.4	1.4	-0.5	0.6	1.2
2019 Q2	3.2	-5.7	-1.6	-1.7	2.0	-1.6	1.5	1.3	-7.2	1.9	7.0	0.8	1.5

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.

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	- 3 891	0	0	0	506	371	- 3 014	351	- 5 772	506	4 028	- 2 126	- 3 014
1998	- 4 488	- 1	0	0	- 179	1 596	- 3 072	487	- 7 235	- 179	3 504	349	- 3 072
1999	- 4 058	- 1	0	0	770	784	- 2 505	4 455	- 6 142	770	136	- 1 722	- 2 505
2000	- 2 201	- 1	0	0	475	1 121	- 607	3 226	- 1 763	475	- 668	- 1 874	- 607
2001	3 212	0	0	0	1 448	613	5 271	4 886	- 1 467	1 448	893	- 491	5 271
2002	1 759	1	0	0	2 878	116	4 756	566	- 2 509	2 878	3 662	158	4 756
2003	3 396	- 1	0	0	1 819	191	5 404	1 092	- 4 015	1 819	4 534	1 974	5 404
2004	3 325	- 3	0	0	3 249	- 1 071	5 504	2 181	- 4 815	3 249	2 786	2 104	5 504
2005	1 684	- 3	0	0	3 433	- 648	4 469	2 364	- 3 635	3 433	1 229	1 078	4 469
2006	3 590	7	0	0	3 587	- 463	6 722	3 664	- 3 089	3 587	1 798	760	6 722
2007	1 430	- 3	0	0	3 331	- 748	4 013	4 550	- 4 812	3 331	876	69	4 013
2008	- 426	0	0	0	1 762	5 073	6 410	3 517	- 4 601	1 762	4 180	1 548	6 410
2009	887	0	0	0	1512	6626	9024	4373	-4481	1512	2547	5075	9024
2010	-1338	0	0	0	2157	7084	7903	4103	-7351	2157	2409	6586	7903
2011	-7100	0	0	0	1058	6452	412	1430	-9725	1058	733	6916	412
2012	-10019	0	0	0	1774	6648	-1597	-737	-8256	1774	-1614	7237	-1597
2013	-10216	0	0	0	1456	6916	-1843	-395	-9017	1456	-306	6419	-1843
2014	-8097	109	4	0	-803	7746	-1040	282	-11425	-799	2529	8370	-1040
2015	-1045	160	2	0	-1733	7808	5191	-2181	-10331	-1731	8306	11128	5191
2016	8945	318	-41	0	-5266	8296	12252	-1231	-5526	-5254	11302	12962	12252
2017	10060	197	51	0	-4795	274	5787	-704	262	-4744	84	10889	5787
2018	7479	314	97	-3	-4130	154	3911	-2703	-1217	-4030	-1953	13814	3911

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	-0.2	0.0	0.0	0.0	-2.8	16.8	0.1	0.8	-3.0	-2.6	-2.3	8.1	0.1
1999	0.4	0.0	0.0	0.0	3.7	-19.6	0.4	29.0	2.5	3.4	-6.8	-6.0	0.4
2000	1.7	0.0	0.0	0.0	-1.4	2.8	1.2	-7.8	11.0	-1.2	-1.4	-0.1	1.2
2001	4.1	0.0	0.0	0.0	3.1	-6.2	3.1	11.8	0.6	2.9	2.6	3.6	3.1
2002	-1.1	0.0	0.0	0.0	3.7	-4.9	-0.4	-45.1	-2.1	3.4	4.2	1.7	-0.4
2003	1.3	0.0	0.0	0.0	-3.9	0.5	0.2	3.6	-3.3	-3.7	1.1	4.6	0.2
2004	0.0	0.0	0.0	0.0	2.8	-9.8	0.0	8.2	-1.8	2.6	-3.0	0.2	0.0
2005	-1.8	0.0	0.0	0.0	-0.1	2.9	-0.6	2.3	2.8	-0.2	-2.6	-2.9	-0.6
2006	1.4	0.1	0.0	0.0	0.1	2.0	0.8	7.2	1.4	0.1	0.5	-0.7	0.8
2007	-1.8	-0.1	0.0	0.0	-0.8	-1.2	-1.3	7.1	-3.2	-0.7	-1.3	-1.6	-1.3
2008	-1.2	0.0	0.0	0.0	-2.2	23.5	0.8	-4.9	0.4	-2.4	3.3	2.8	0.8
2009	0.8	0.0	0.0	0.0	0.3	18.2	1.2	8.1	-1.1	0.1	-1.1	6.5	1.2
2010	-1.7	0.0	0.0	0.0	1.4	-0.2	-0.6	-13.3	-6.1	1.2	0.0	2.2	-0.6
2011	-4.2	0.0	0.0	0.0	-3.1	-5.1	-3.1	-7.8	-3.3	-2.4	-2.2	0.3	-3.1
2012	-1.6	0.0	0.0	0.0	1.6	-1.8	-0.8	-22.3	3.4	1.4	-2.9	0.2	-0.8
2013	0.2	0.0	0.0	0.0	-1.2	-8.4	-0.1	3.0	-1.4	-0.9	1.5	-2.0	-0.1
2014	1.7	0.2	0.1	0.0	-4.8	-1.5	0.4	7.4	-3.2	-4.2	3.0	2.9	0.4
2015	4.5	0.1	0.0	0.0	-1.6	0.0	2.0	-15.3	2.1	-1.4	5.3	4.3	2.0
2016	5.5	0.3	-0.5	0.0	-5.7	-2.0	2.1	6.4	9.1	-5.1	2.5	2.2	2.1
2017	0.4	-0.2	1.1	0.0	1.8	-33.8	-2.1	1.5	11.0	1.5	-10.1	-3.4	-2.1
2018	-1.3	0.2	0.8	-0.4	1.7	-0.6	-0.6	-9.4	-2.3	1.2	-1.7	3.2	-0.6

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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.