

Statistical bulletin

Business investment in the UK: October to December 2018 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.



Contact:
Alison McCrae
gcf@ons.gov.uk
+44 (0)1633 455250

Release date:
29 March 2019

Next release:
28 June 2019

Table of contents

1. [Main points](#)
2. [Things you need to know about this release](#)
3. [Upcoming changes](#)
4. [What's new in this release](#)
5. [Gross fixed capital formation and business investment main figures](#)
6. [GFCF fell in Quarter 4 2018, largely due to decreased investment by businesses](#)
7. [ICT equipment and other machinery and equipment and dwellings were the assets behind fall in GFCF in Quarter 4 2018](#)
8. [2018 saw lowest growth in business investment and GFCF since 2009](#)
9. [Analysing the recent decline in ICT equipment and other machinery and equipment gross fixed capital formation](#)
10. [Which sectors are behind the broadly flat growth in GFCF in 2018?](#)
11. [What other information can tell us more about GFCF?](#)
12. [Business investment falls for fourth consecutive quarter](#)
13. [Industry analysis of business investment](#)
14. [Business investment growth slowing since 2015](#)
15. [Business investment in the wider economy](#)
16. [International comparisons of GFCF](#)

17. [Revisions to GFCF and business investment](#)

18. [Links to related statistics](#)

19. [Quality and methodology](#)

1 . Main points

- Business investment, in volume terms, was estimated to have fallen by 0.9% to £46.7 billion between Quarter 3 (July to Sept) 2018 and Quarter 4 (Oct to Dec) 2018; this is the fourth consecutive quarter-on-quarter fall in business investment and the first time this has happened since the economic downturn of 2008 to 2009.
- Gross fixed capital formation (GFCF), in volume terms, was estimated to have fallen by 0.6% to £85.7 billion between Quarter 3 and Quarter 4 2018.
- Between Quarter 4 2017 and Quarter 4 2018, business investment was estimated to have fallen by 2.5% from £48.0 billion; GFCF was estimated to have fallen by 1.1% from £86.7 billion.
- The assets that contributed to the fall in business investment between Quarter 3 2018 and Quarter 4 2018 were information and communication technology (ICT) equipment and other machinery and equipment and intellectual property products.
- The largest negative contribution to the 0.6% GFCF fall between Quarter 3 2018 and Quarter 4 2018 came from business investment; the assets that contributed to the fall were ICT equipment and other machinery and equipment and dwellings.
- Between 2017 and 2018, business investment fell by 0.4%, while GFCF grew by 0.2%.

2 . Things you need to know about this release

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

Business investment is net investment by private and public corporations. These include investments in transport, information and communication technology (ICT) equipment, other machinery and equipment, cultivated assets (such as livestock and vineyards), intellectual property products (IPP, which includes investment in software, research and development, artistic originals and mineral exploration), and other buildings and structures.

Business investment does not include investment by central or local government, investment in dwellings, or the costs associated with the transfer of non-produced assets (such as land). Business investment is not an internationally recognised concept and it should not be used to make international comparisons, however, GFCF is an internationally recognised standard and is therefore internationally comparable. Please see [A short guide to GFCF and business investment](#) for more detailed information, including asset and sector hierarchies.

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

The [Business investment Quality and Methodology Information report](#) was updated in January 2018 and includes updated information on the quality and methodology used in the production of business investment statistics.

3 . Upcoming changes

As of January 1 2019, a new reporting standard has taken effect for those businesses using accountancy framework International Financial Reporting Standards (IFRS). IFRS 16 Leases brings the reporting of operating leases onto balance sheets. This is expected to impact how businesses report on their fixed assets mainly via our Quarterly Acquisition and Disposal of Capital Assets Survey (QCAS), used in the compilation of gross fixed capital formation and business investment.

This change is contrary to how we treat operating leases within the National Accounts. To prepare, we are gathering data already freely available and speaking to survey respondents and international businesses to assess the potential impact of IFRS 16's introduction. This will help us make a decision on how we treat any potential change in the levels of gross fixed capital formation in our Quarter 1 (Jan to Mar) 2019 dataset, to ensure that there is no impact on the UK's National Accounts as a whole.

4 . What's new in this release

For the first time, we have published our latest estimates of [business investment in current prices and chained volume measures broken down by asset type](#). Alongside these data, we have published an article, [Business investment in the UK: analysis by asset](#) to explore trends within business investment.

5 . Gross fixed capital formation and business investment main figures

Table 1: Gross fixed capital formation and business investment headline figures by sector and asset, Quarter 4 (Oct to Dec) 2018, chained volume measure, seasonally adjusted

		% change	% change	£ million
		Most recent quarter on previous quarter	Most recent quarter on same quarter a year earlier	Most recent level
Gross fixed capital formation		-0.6	-1.1	85,712
GFCF by sector	Business investment	-0.9	-2.5	46,749
	General government	0.5	4.2	14,160
	Public corporations' dwellings	-3.8	-42.6	973
	Public corporations' cost of ownership transfer on non-produced assets	-1.6	-2.7	182
	Private sector dwellings	-1	2.9	19,300
	Private sector cost of ownership transfer on non-produced assets	0.6	-2.9	4,348
GFCF by asset	Transport equipment	-0.2	-9.9	4,575
	ICT equipment and other machinery and equipment	-2.7	-4.9	15,116
	Dwellings	-1.1	-1.3	20,273
	Other buildings and structures and transfer costs	0.5	2.2	29,664
	Intellectual property products	-0.2	-0.4	16,084

Source: Office for National Statistics – Non Financial Assets

6 . GFCF fell in Quarter 4 2018, largely due to decreased investment by businesses

Between Quarter 3 (July to Sept) and Quarter 4 2018 (Oct to Dec), gross fixed capital formation (GFCF) fell by 0.6%, meaning GFCF fell in three quarters of 2018. The last time GFCF fell in three quarters of the same year was 2009.

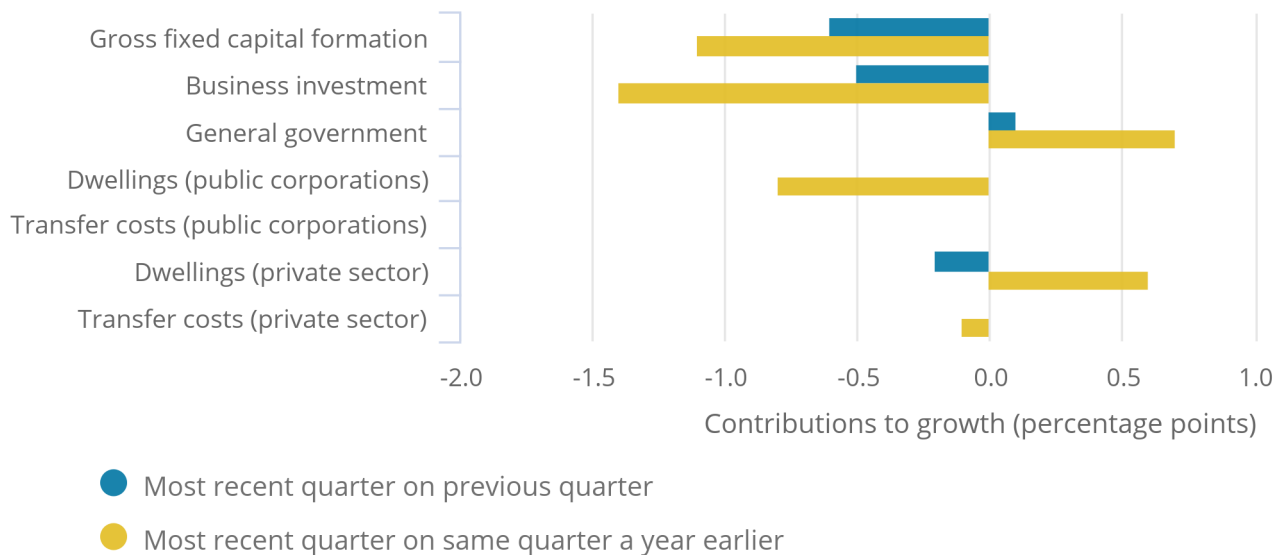
On a sector basis, the largest negative contribution came from business investment, which contributed negative 0.5 percentage points. Private sector dwellings also made a negative contribution of 0.2 percentage points. This follows five consecutive quarters of this sector making positive contributions to GFCF growth. General government made the only positive contribution to GFCF growth, contributing 0.1 percentage points. Public sector dwellings and transfer costs and private sector transfer costs made no contribution to GFCF growth (Figure 1).

Figure 1: In Quarter 4 2018, business investment made the largest negative contribution to growth compared with Quarter 3 2018 and Quarter 4 2017

Chained volume measure, seasonally adjusted, UK, 2016

Figure 1: In Quarter 4 2018, business investment made the largest negative contribution to growth compared with Quarter 3 2018 and Quarter 4 2017

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart cover Quarter 4 (Oct to Dec) 2018.

Between Quarter 4 2017 and Quarter 4 2018, GFCF decreased by 1.1%. Business investment contributed most to this decrease, contributing negative 1.4 percentage points while private sector transfer costs contributed negative 0.1 percentage points.

The fall in public sector dwellings was largely due to the reclassification of English and Welsh housing associations from the public corporations’ sector to the private non-financial corporations’ sector. However, other increases in private sector dwellings meant that this was only partially offset. General government made a positive contribution of 0.7 percentage points.

7 . ICT equipment and other machinery and equipment and dwellings were the assets behind fall in GFCF in Quarter 4 2018

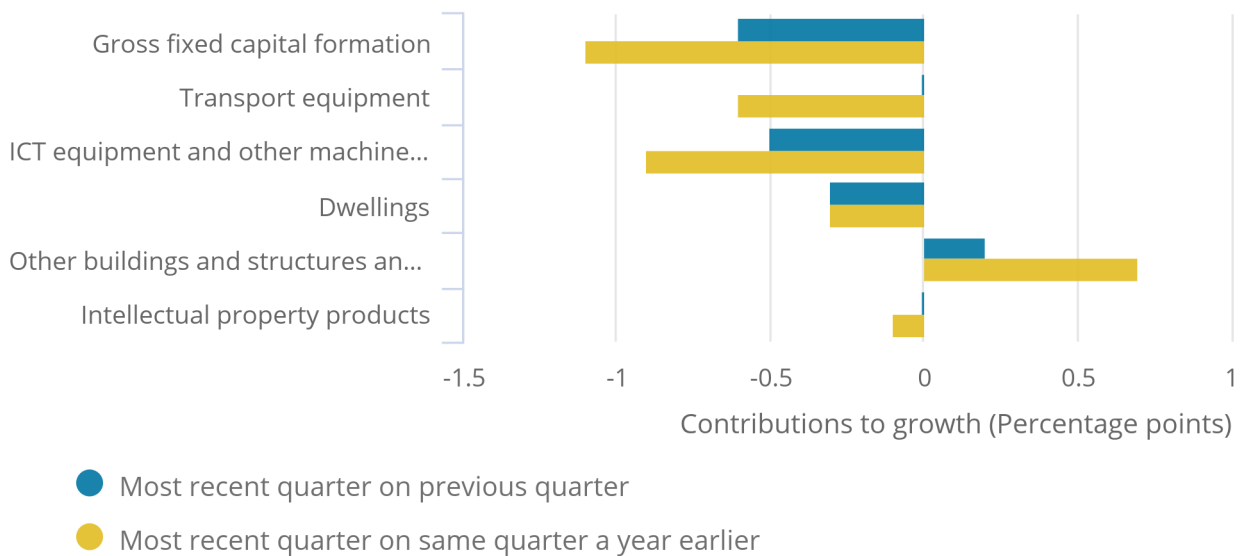
Falls in investment in information and communication technology (ICT) equipment and other machinery and equipment and dwellings meant that these assets contributed negative 0.5 and negative 0.3 percentage points respectively to the negative 0.6% decrease in gross fixed capital formation (GFCF) between Quarter 3 (July to Sept) 2018 and Quarter 4 (Oct to Dec) 2018. Other buildings and structures and transfer costs contributed 0.2 percentage points to GFCF growth (Figure 2).

Figure 2: Other buildings and structures and transfer costs made the only positive contribution to GFCF growth in Quarter 4 2018

Chained volume measure, seasonally adjusted, 2016, UK

Figure 2: Other buildings and structures and transfer costs made the only positive contribution to GFCF growth in Quarter 4 2018

Chained volume measure, seasonally adjusted, 2016, UK



Source: Office for National Statistics

Notes:

1. The data in this chart cover Quarter 4 (Oct to Dec 2018).

Between Quarter 4 2017 and Quarter 4 2018, the largest contributions to the 1.1% GFCF fall came from ICT equipment and other machinery and equipment, which contributed negative 0.9 percentage points and transport equipment, which contributed negative 0.6 percentage points. Dwellings and intellectual property products also contributed negatively, contributing negative 0.3 and negative 0.1 percentage points respectively. Other buildings and structures and transfer costs partially offset these falls, providing the only positive contribution at 0.7 percentage points.

Quarter 4 2018 saw the largest fall in ICT equipment and other machinery and equipment compared with the same quarter a year ago since Quarter 4 2016. Further analysis of this asset can be found in Section 9 of this bulletin.

8 . 2018 saw lowest growth in business investment and GFCF since 2009

Between 2017 and 2018, business investment fell by 0.4%, following growth of 1.5% in 2017. The last time business investment fell compared with the previous year was 2016, when it fell by 0.2%. The last time business investment saw a larger fall was in 2009, when it fell by 16.6 percent compared with 2008.

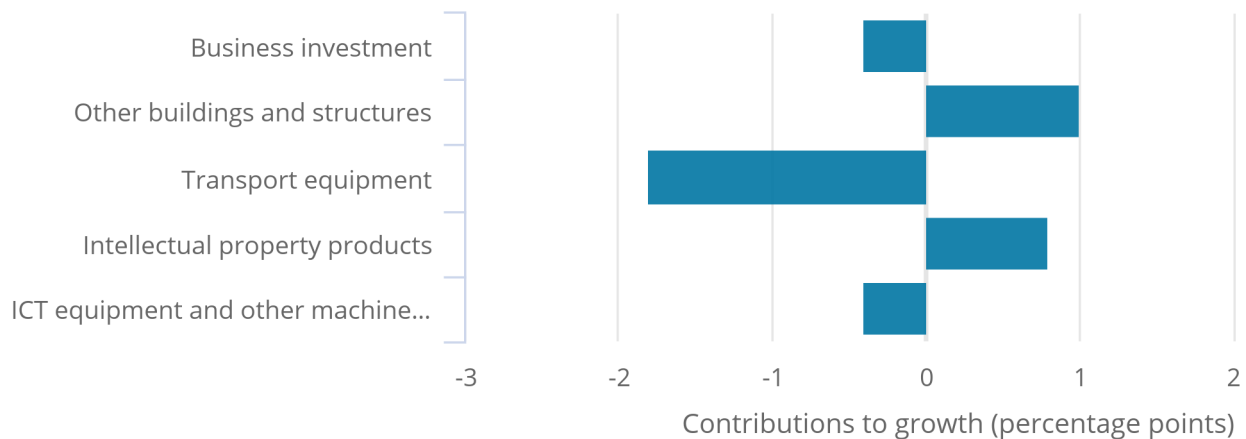
The asset that contributed most to the fall in business investment in 2018 was transport equipment, contributing negative 1.8 percentage points. There is evidence to suggest that the recent falls in investment in transport equipment can be partially attributed to decreased investment in aircraft. More information on this can be found in the article [Business investment in the UK: analysis by asset](#), published 29 March 2019. Information and communication technology (ICT) equipment and other machinery and equipment also made a negative contribution to growth in 2018, contributing negative 0.4 percentage points. Other buildings and structures and intellectual property products (IPP) contributed positively, adding 1.0 and 0.8 percentage points respectively (Figure 3).

Figure 3: Transport equipment was the biggest contributor to the fall in business investment in 2018

Chained volume measure, UK, 2016

Figure 3: Transport equipment was the biggest contributor to the fall in business investment in 2018

Chained volume measure, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart covers Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2018.

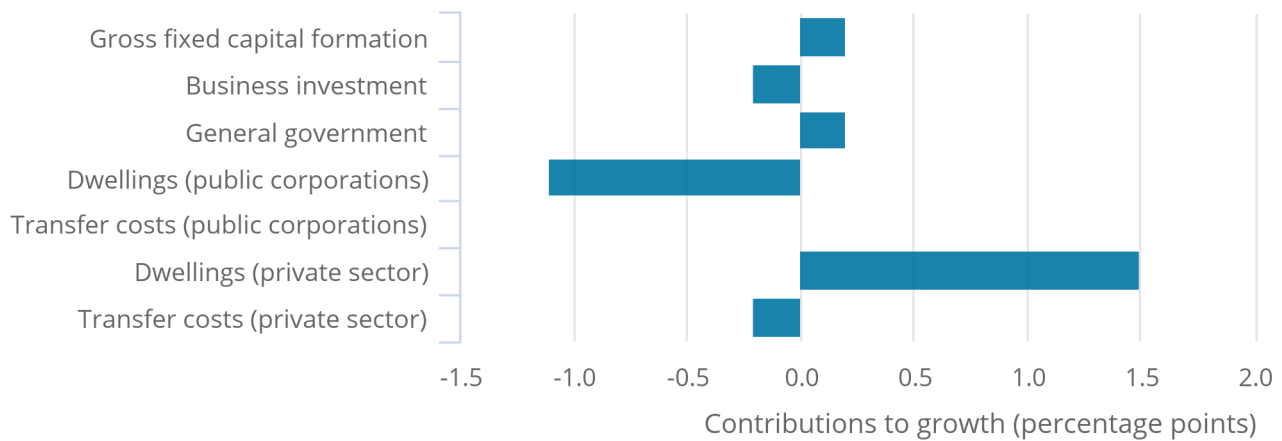
In 2018, gross fixed capital formation (GFCF) grew by 0.2% compared with 2017, following growth of 3.5% in 2017. This is the lowest annual growth in GFCF since 2009, when it fell by 13.7% compared with 2008. Private sector dwellings made the largest contribution to growth in 2018, contributing 1.5 percentage points. This was partially offset by a negative 1.1 percentage point contribution from public corporations' dwellings. This reflects the reclassification of housing associations from the public corporations' sector to the private sector. General government contributed 0.2 percentage points, while business investment and private sector transfer costs both contributed negative 0.2 percentage points (Figure 4).

Figure 4: Private sector dwellings contributed the most to GFCF growth in 2018, partially offset by public corporations dwellings

Chained volume measure, UK, 2016

Figure 4: Private sector dwellings contributed the most to GFCF growth in 2018, partially offset by public corporations dwellings

Chained volume measure, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart covers Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2018.

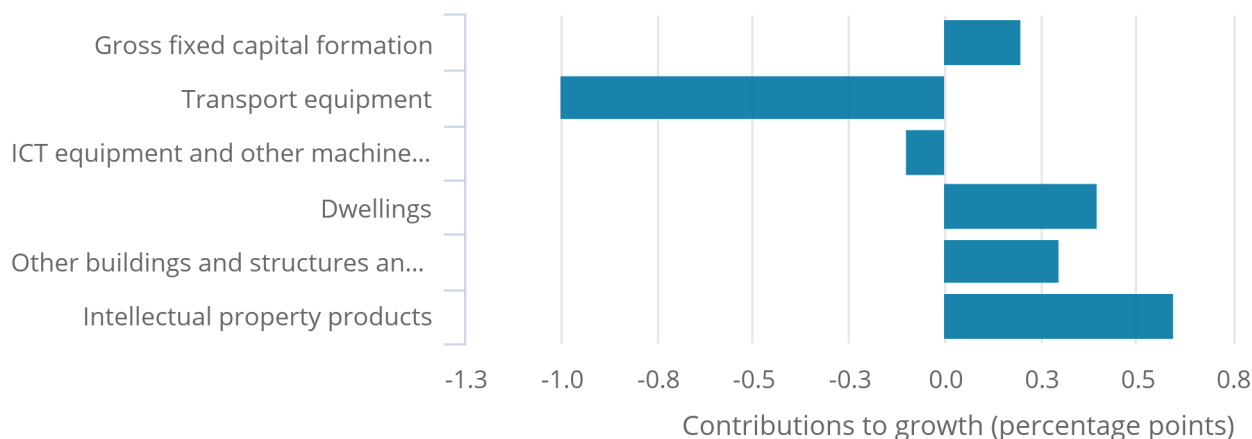
On an asset basis, intellectual property products made the largest positive contribution to GFCF growth, contributing 0.6 percentage points, while dwellings and other buildings and structures contributed 0.4 and 0.3 percentage points respectively. These increases were partially offset by transport equipment and ICT equipment and other machinery and equipment which contributed negative 1.0 and negative 0.1 percentage points respectively (Figure 5).

Figure 5: Intellectual property products made the largest contribution to GFCF growth in 2018

Chained volume measure, seasonally adjusted, UK, 2016

Figure 5: Intellectual property products made the largest contribution to GFCF growth in 2018

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart covers Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2018.

9 . Analysing the recent decline in ICT equipment and other machinery and equipment gross fixed capital formation

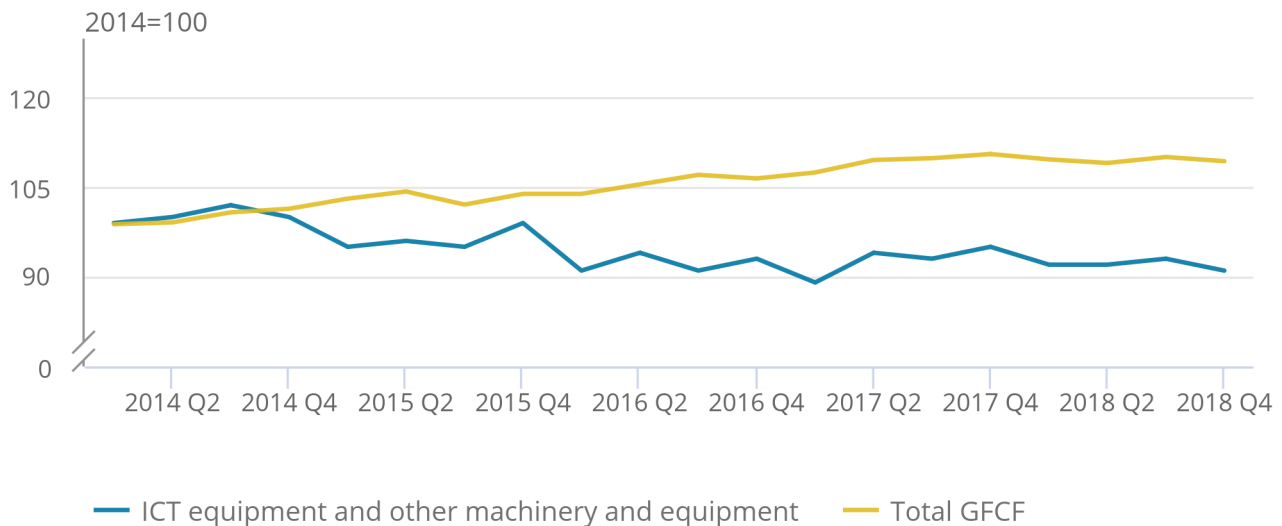
Investment in ICT equipment and other machinery and equipment has been broadly declining from its post-downturn peak in in Quarter 3 (July to Sept) 2014. Total gross fixed capital formation (GFCF) grew steadily from 2014 until 2018, where growth was broadly flat (Figure 6).

Figure 6: Total GFCF and GFCF in ICT equipment and other machinery and equipment have diverged over the past three years as investment in this asset has declined

Chained volume measure, seasonally adjusted, UK, 2016

Figure 6: Total GFCF and GFCF in ICT equipment and other machinery and equipment have diverged over the past three years as investment in this asset has declined

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart cover Quarter 1 (Jan to Mar) 2014 to Quarter 4 (Oct to Dec) 2018.

[Annual GFCF by industry and asset](#) data, available up to 2017, can be used to identify in greater detail what is behind the decline in investment in information and communication technology (ICT) equipment and other machinery and equipment since 2014. Between 2014 and 2017, investment in computer hardware fell by 20.2%. The industries that made the largest contributions to this fall were the retail trade (except of motor vehicles and motorcycles) and public administration and defence.

Other machinery and equipment, which makes up the majority of the ICT equipment and other machinery and equipment asset, fell by 4.3% between 2014 and 2017. The mining and quarrying industries made the largest contribution to the fall in this asset, followed by construction and electricity, gas, steam and air conditioning supply.

10 . Which sectors are behind the broadly flat growth in GFCF in 2018?

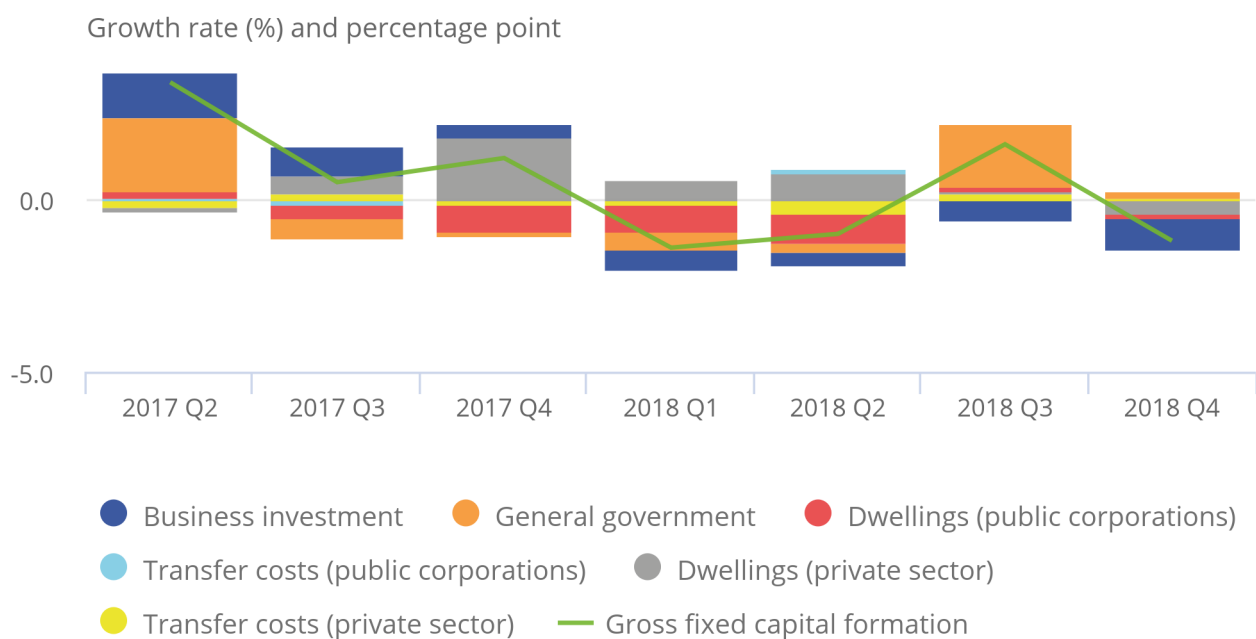
Gross fixed capital formation (GFCF) is now 11.1% above the UK economy's pre-economic downturn peak of Quarter 1 (Jan to Mar) 2008 and 34.4% above the level seen at the trough of the downturn in Quarter 2 (Apr to June) 2009. However, growth has weakened over the last two years, which can be partially attributed to the decline in business investment. Although GFCF increased in Quarter 3 (July to Sept) 2018, this can largely be attributed to an increase in investment by general government (Figure 7).

Figure 7: Business investment and public corporations dwellings made the largest negative contributions to quarter-on-quarter GFCF growth in 2018

Chained volume measure, seasonally adjusted, UK, 2016

Figure 7: Business investment and public corporations dwellings made the largest negative contributions to quarter-on-quarter GFCF growth in 2018

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart covers Quarter 2 (Apr to May) 2017 to Quarter 4 (Oct to Dec) 2018.

Public corporations' dwellings made the largest negative contribution to GFCF quarter-on-quarter growth in Quarter 4 (Oct to Dec) 2017, Quarter 1 2018 and Quarter 2 2018. In Quarter 4 2018, private sector dwellings made a negative contribution to growth for the first time since Quarter 2 2017, having made positive contributions to growth in the other quarters of 2018.

11 . What other information can tell us more about GFCF?

Developments in the housing market can be an important indicator of investment and wider activity in the economy. The estimates in this bulletin incorporate data consistent with [Construction output in Great Britain: January 2019 and new orders October to December 2018](#), published on 12 March 2019. The Construction output in Great Britain bulletin shows construction work decreased by 0.3% in the three months to December 2018. The most notable contribution to this decline came from private housing and non-housing repair and maintenance, while new work increased.

While there are some differences between estimates for the construction of private housing and the private sector dwellings series for gross fixed capital formation (GFCF), these are largely due to conceptual and methodological differences. More information about these can be found in the article [Conceptual differences between an aggregate of construction output measures and the GFCF dwellings measure](#), published in June 2013. We are looking to update this article, with more information on the methodological differences, later in 2019.

12 . Business investment falls for fourth consecutive quarter

Business investment fell by 0.9% between Quarter 3 (July to Sept) 2018 and Quarter 4 2018 (Oct to Dec), following falls of 0.6%, 0.4% and 0.6% in Quarter 1 (Jan to Mar) 2018, Quarter 2 (Apr to June) 2018 and Quarter 3 2018 respectively. This is the largest quarter-on-quarter fall since Quarter 4 2016. The last time business investment fell for more than three consecutive quarters was during the economic downturn of 2008 to 2009.

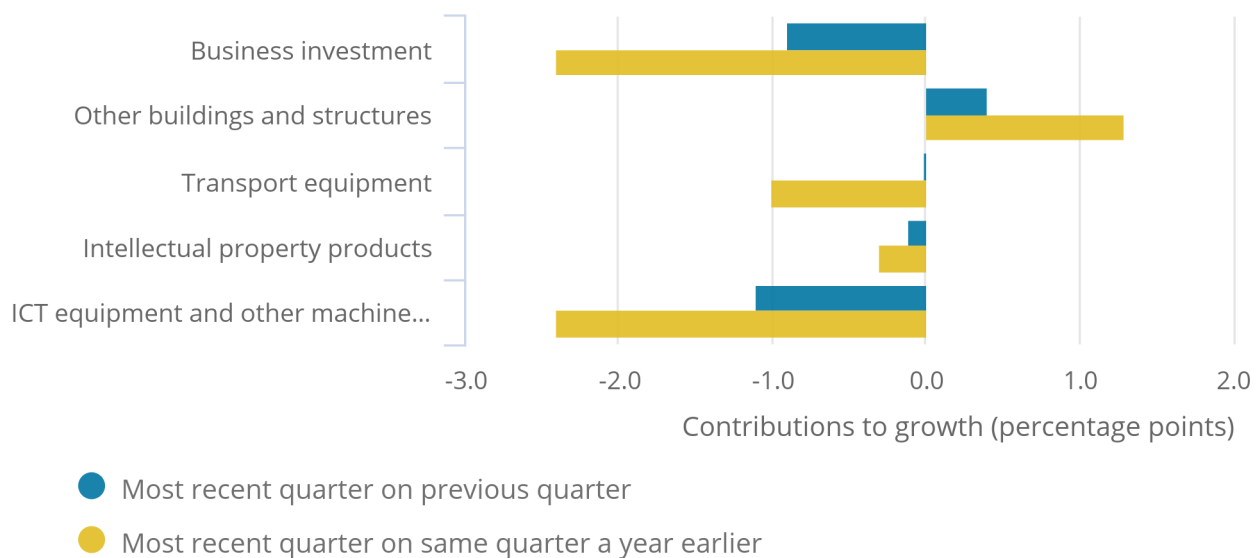
Figure 8 shows that the assets behind the fall in Quarter 4 2018 compared with Quarter 3 2018 were information and communication technology (ICT) equipment and other machinery and equipment and intellectual property products (IPP), which contributed negative 1.1 and negative 0.1 percentage points respectively. These falls were partially offset by other buildings and structures, which contributed 0.4 percentage points. Transport equipment made no contribution to business investment growth, having made contributions to business investment growth of at least 1.0 percentage point in each of the last five quarters.

Figure 8: The fall in business investment in Quarter 4 2018 was largely due to ICT equipment and other machinery and equipment

Chained volume measure, seasonally adjusted, UK, 2016

Figure 8: The fall in business investment in Quarter 4 2018 was largely due to ICT equipment and other machinery and equipment

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart cover Quarter 4 (Oct to Dec) 2018.

Compared with Quarter 4 2017, business investment fell by 2.5%. This follows a fall of 1.3% in Quarter 3 2018 compared with Quarter 3 2017. This represents the largest fall in business investment compared with the same quarter of the previous year since Quarter 1 2010, when business investment was 3.8% lower than in Quarter 1 2009.

ICT equipment and other machinery and equipment made the biggest contribution to the 2.5% fall in business investment between Quarter 4 2017 and Quarter 4 2018, contributing negative 2.4 percentage points. Transport equipment and IPP also made negative contributions of negative 1.0 and negative 0.3 percentage points respectively. Other buildings and structures made the only positive contribution of 1.2 percentage points.

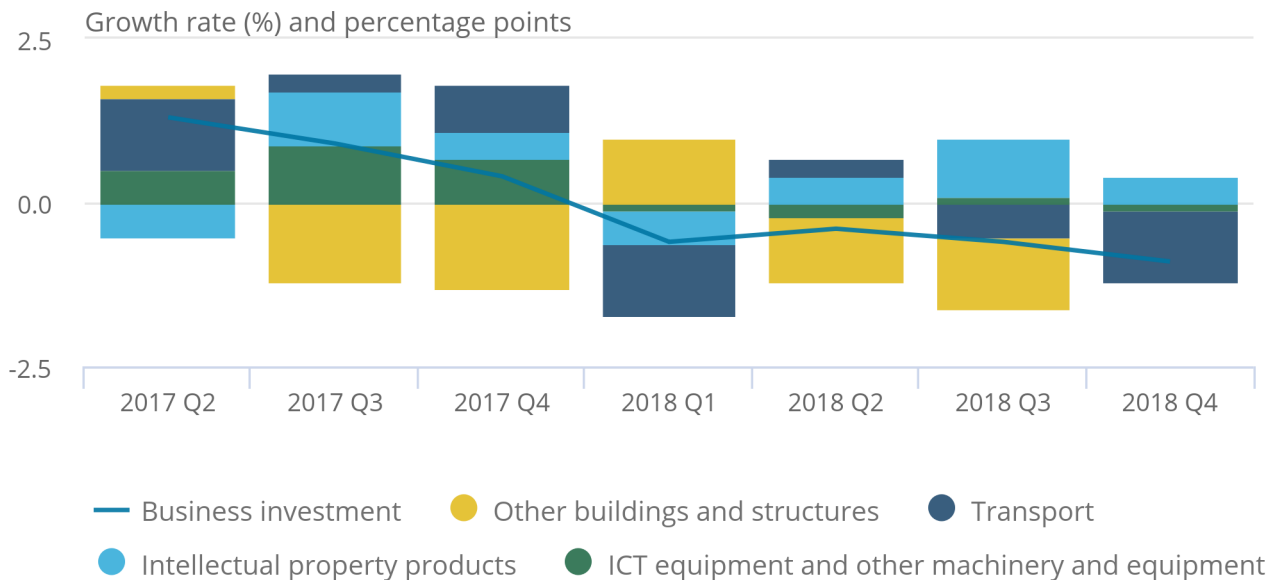
Figure 9 shows contributions to quarter on quarter business investment growth since Quarter 2 2017. While there is no single asset driving the slowdown in business investment over the past two years, ICT equipment and other machinery and equipment made the largest negative contributions to business investment growth in three of the four quarters of 2018. Transport equipment is the other main contributor to the overall slowdown, with recent falls in this asset largely due to decreased aircraft investment. Further analysis can be found in the article [Business investment in the UK: analysis by asset](#), published 29 March 2019.

Figure 9: Transport equipment and ICT equipment and other machinery and equipment made the biggest negative contributions to the slowdown in business investment

Chained volume measure, seasonally adjusted, UK, 2016

Figure 9: Transport equipment and ICT equipment and other machinery and equipment made the biggest negative contributions to the slowdown in business investment

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart covers Quarter 2 (Apr to May) 2017 to Quarter 4 (Oct to Dec) 2018.

13 . Industry analysis of business investment

[Data on business investment by industry and asset](#) show that no single industry has seen investment fall in all four quarters of 2018, despite total business investment doing so. In Quarter 4 (Oct to Dec) 2018, the largest contributor to the fall in business investment were the wholesale and retail industries, which contributed negative 1.0 percentage point. Private sector manufacturing industries contributed negative 0.5 percentage points, which was largely due to falls in the food, drink and tobacco and chemicals and man-made fibres industries.

The negative 3.4% fall in private sector manufacturing business investment in Quarter 4 2018 was largely due to a fall in investment in new building work, which contributed negative 2.7 percentage points, while transport equipment contributed negative 1.0 percentage point. Other capital equipment made a positive contribution of 0.3 percentage points. In Quarter 3 (July to Sept) 2018, private sector manufacturing business investment grew by 4.6%, with new building work making the largest contribution. Investment in transport equipment also made a positive contribution while other capital equipment subtracted from growth.

14 . Business investment growth slowing since 2015

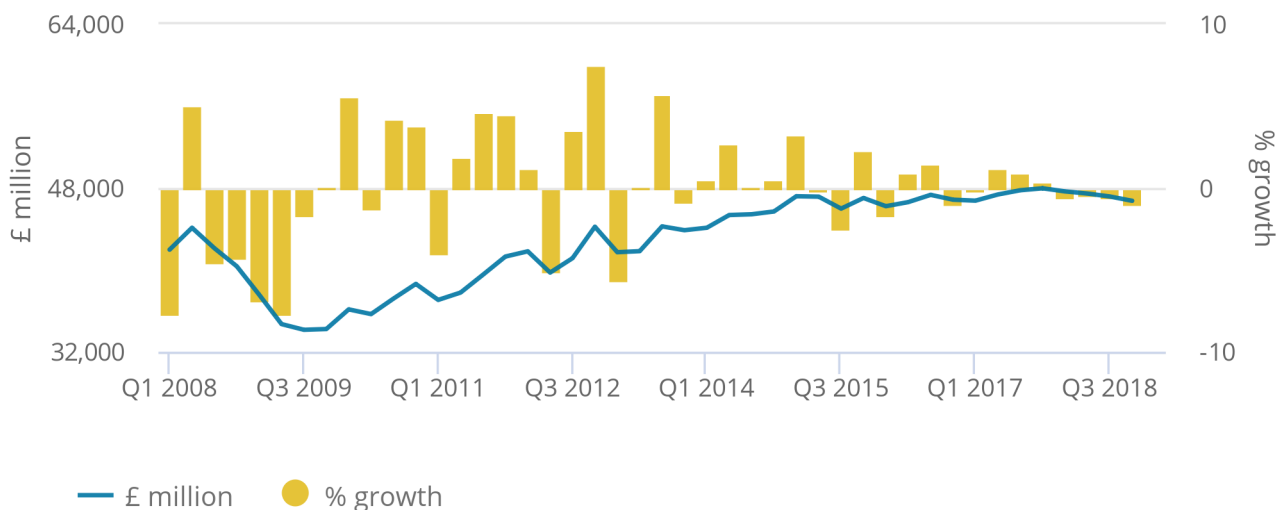
The falls in business investment for Quarter 1 (Jan to Mar) 2018 through to Quarter 4 (Oct to Dec) 2018 follow three consecutive quarter-on-quarter increases in 2017. Figure 10 shows that following the fall in business investment during the economic downturn of Quarter 1 2008 to Quarter 2 (Apr to June) 2009, there was a period of strong, albeit volatile growth before 2015. Growth in business investment was more moderate from 2015, before falling in each quarter of 2018.

Figure 10: Business investment growth has slowed gradually since Quarter 2 2017

Chained volume measure, seasonally adjusted, UK, 2016

Figure 10: Business investment growth has slowed gradually since Quarter 2 2017

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart cover Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2018.

Between Quarter 3 (July to Sept) 2009 and Quarter 1 2015, business investment grew at a compound average rate of 1.5% per quarter, compared with negative 0.1% between Quarter 2 2015 and Quarter 4 2018. Business investment is now 0.3% above the level seen in Quarter 2 2016, the quarter in which the EU referendum took place.

15 . Business investment in the wider economy

The Bank of England, in its most recent [Agents' summary of business conditions](#), stated that “investment intentions eased further, with a growing proportion of contacts putting new capital investment on hold until there is greater clarity around Brexit”.

The Bank of England also noted in its February 2019 [Inflation Report](#) that “although weaker global growth may have reduced the demand for investment, it is unlikely to explain the marked weakness over the past year”, pointing to a “UK-specific factor depressing investment”.

The supply-side determinants of business investment point towards stronger growth than has been seen in recent quarters. The rates of return on capital, which have “remained robust” alongside the limited spare capacity in the economy, should encourage more investment.

16 . International comparisons of GFCF

In Quarter 4 (Oct to Dec) 2018, Japan had the strongest quarter-on-quarter growth in gross fixed capital formation (GFCF) of any G7 nation at 1.6%, followed by Germany at 0.9%. Of the G7 nations, only Canada experienced more negative growth in GFCF in Quarter 4 2018 (Figure 11).

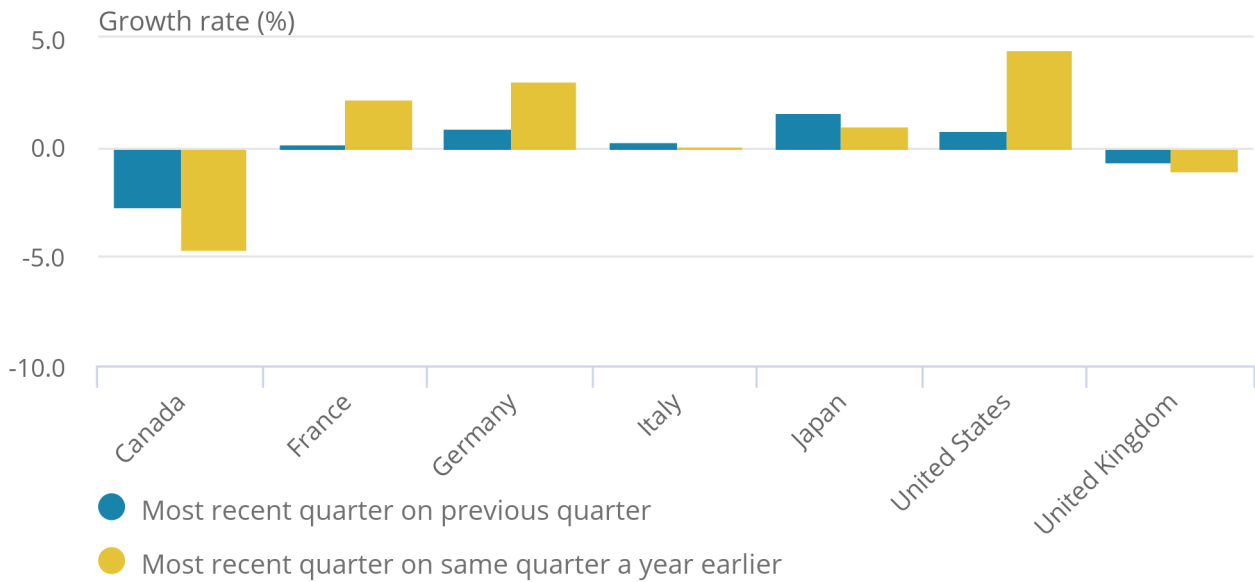
The US had the strongest quarter on same quarter a year ago growth of the G7 countries at 4.5%. The next largest quarter on same quarter a year ago growth was seen in Germany where GFCF grew by 3.0%. The UK was one of two countries to experience a fall, with GFCF growth of negative 1.1% ahead of Canada, where GFCF fell by negative 4.7%.

Figure 11: Of the G7 nations, only Canada had lower GFCF growth that the UK

Chained volume measure, seasonally adjusted, Quarter 4 2018 , UK, 2016

Figure 11: Of the G7 nations, only Canada had lower GFCF growth that the UK

Chained volume measure, seasonally adjusted, Quarter 4 2018 , UK, 2016



Source: Office for National Statistics (UK) and Organisation for Economic Co-operation and Development (OECD)

Notes:

1. The data in this chart cover Quarter 4 (Oct to Dec) 2018.

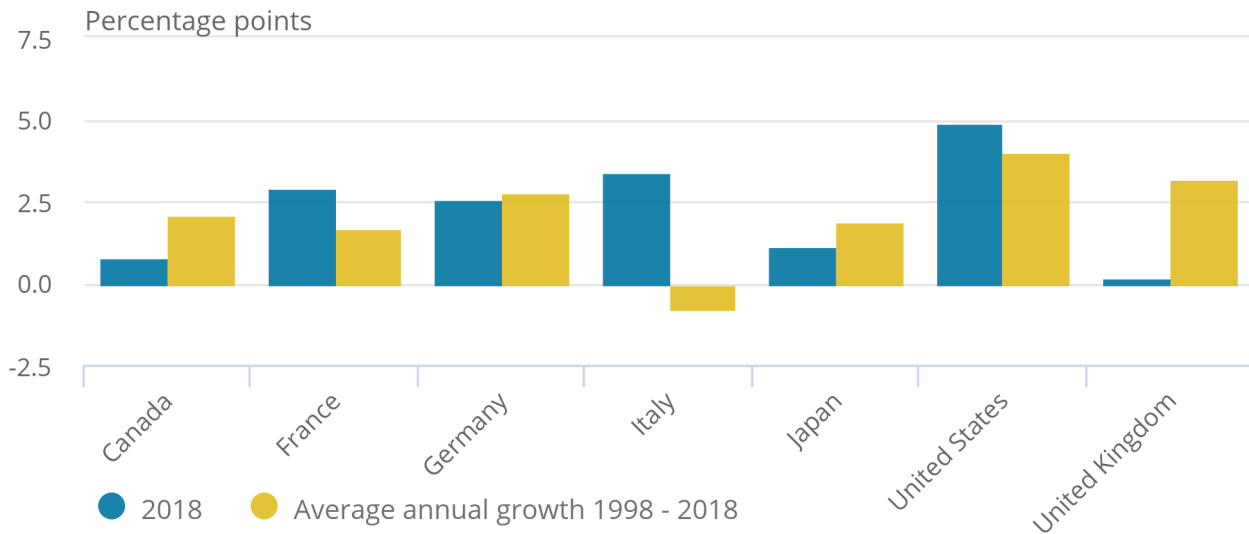
Of the G7 countries, the US had the strongest growth in GFCF between 2017 and 2018, increasing by 4.9%. In contrast the UK grew by 0.2%, the slowest of the G7 countries. Figure 12 shows that this is below the average annual growth rate of UK GFCF, which between 2010 and 2018 was 3.2%, the second highest in the G7.

Figure 12: The UK had the slowest GFCF growth of the G7 countries in 2018

Chained volume measure, UK, 2016

Figure 12: The UK had the slowest GFCF growth of the G7 countries in 2018

Chained volume measure, UK, 2016



Source: Office for National Statistics

Notes:

1. The data in this chart covers Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2018.

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.

17 . Revisions to GFCF and business investment

Revisions have been made to gross fixed capital formation (GFCF) and business investment back to Quarter 1 (Jan to Mar) 2018, in line with National Accounts revision policy. These are mainly due to taking on later source data in addition to revisions due to seasonal adjustment.

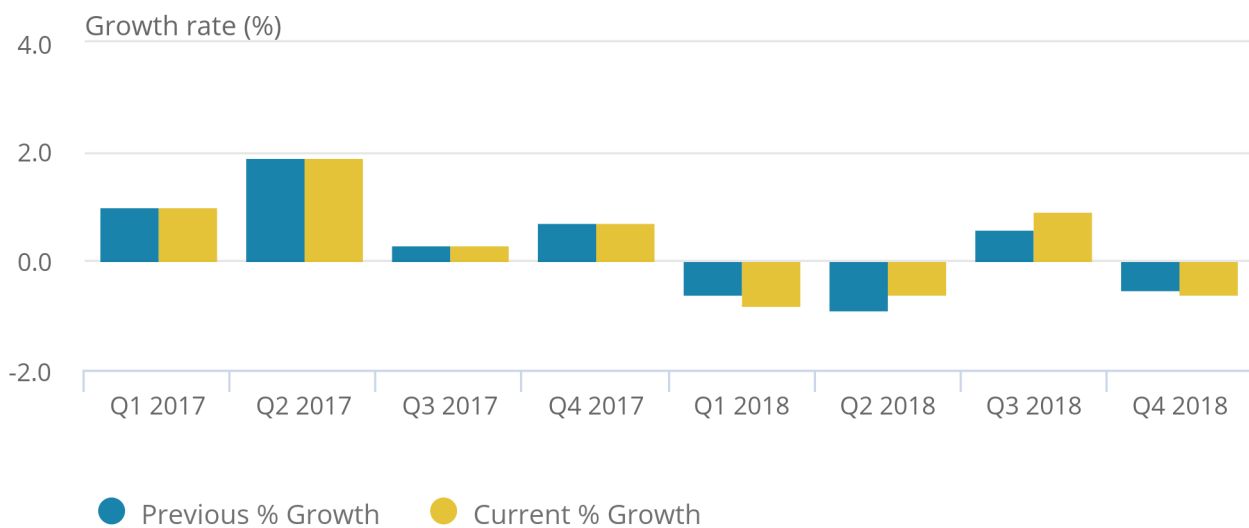
The 0.1 percentage points Quarter 4 (Oct to Dec) 2018 downward revision to GFCF growth was mainly due to the incorporation of later and revised data from the Quarterly Acquisitions and disposals of Capital Assets (QCAS) survey, which affected the business investment component of GFCF. These data led to upwards revisions in Quarter 4 2018 in the transport asset in particular, which was revised up by 5.4 percentage points (Figure 13).

Figure 13: GFCF growth in Quarter 4 2018 was revised down by 0.1 percentage points; Quarter 3 2018 was revised up by 0.3 percentage points

Chained volume measure, seasonally adjusted, UK, 2016

Figure 13: GFCF growth in Quarter 4 2018 was revised down by 0.1 percentage points; Quarter 3 2018 was revised up by 0.3 percentage points

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart cover Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018.

The incorporation of improved government estimates led to revisions in general government in the last three quarters of 2018. Quarter 4 2018 was revised down by negative 0.8 percentage points while Quarter 2 (Apr to June) 2018 and Quarter 3 (July to Sept) 2018 were revised up by 1.5 and 0.3 percentage points respectively.

On an annual basis, the 0.2 percentage points upward revision to GFCF in 2018 were mostly due later QCAS data, affecting business investment and transport in Quarter 3 2018 and Quarter 4 2018. General government was revised up by 1.0 percentage point.

Business investment was revised up by 0.5 percentage points in Quarter 4 2018 from the provisional 1.4% fall. Growth in Quarter 3 2018 was revised up by 0.6 percentage points while Quarter 2 2018 was revised up by 0.1 percentage points. Revisions to business investment growth were mainly due to revised and later data from the QCAS survey, as well as seasonal adjustment.

Figure 14: Business investment growth was revised up in the last three quarters of 2018

Chained volume measure, seasonally adjusted, UK, 2016

Figure 14: Business investment growth was revised up in the last three quarters of 2018

Chained volume measure, seasonally adjusted, UK, 2016



Source: Office for National Statistics

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September), Q4 equals Quarter 4 (October to December).
2. The data in this chart cover Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018.

18 . Links to related statistics

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

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

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

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

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

19 . 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 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 4 (Oct to Dec) 2018, the bias adjustment was positive £514 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 4 (Oct to Dec) 2018 revised survey results.

Table 2: UK response rates for quarterly acquisitions and disposals of capital assets survey for Quarter 1 2016 to Quarter 4 2018

	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	

Source: Office for National Statistics - Quarterly acquisitions and disposals of capital assets (QCAS)

Notes

1. Q1 is Quarter 1 (Jan to Mar) [Back to table](#)
2. Q2 is Quarter 2 (Apr to June), Q3 is Quarter 3 (July to Sept), Q4 is Quarter 4 (Oct to Dec) [Back to table](#)

GROSS FIXED CAPITAL FORMATION TABLES BY SECTOR AND TYPE OF ASSET

Chained volume measures levels seasonally adjusted	G1
Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter	G2
Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G3
Chained volume measures levels seasonally adjusted annual	G4
Chained volume measures levels not seasonally adjusted	G5
Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter	G6
Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G7
Chained volume measures levels not seasonally adjusted annual	G8
Current price levels seasonally adjusted	G9
Current price levels seasonally adjusted percentage change latest quarter on previous quarter	G10
Current price levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G11
Current price levels seasonally adjusted annual	G12
Current price levels not seasonally adjusted	G13
Current price levels not seasonally adjusted percentage change latest quarter on previous quarter	G14
Current price levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year	G15
Current price levels not seasonally adjusted annual	G16
Chained volume measures levels seasonally adjusted (Revisions)	G1R
Chained volume measures levels seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G2R
Chained volume measures levels seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G3R
Chained volume measures levels seasonally adjusted annual (Revisions)	G4R
Chained volume measures levels not seasonally adjusted (Revisions)	G5R
Chained volume measures levels not seasonally adjusted percentage change latest quarter on previous quarter (Revisions)	G6R
Chained volume measures levels not seasonally adjusted percentage change latest quarter on corresponding quarter of previous year (Revisions)	G7R
Chained volume measures levels not seasonally adjusted annual (Revisions)	G8R
Current price levels seasonally adjusted (Revisions)	G9R

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

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	NPFL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
1997	136 236	21 736	3 482	619	58 507	9 997	228 423	12 189	41 764	61 418	76 374	41 948	228 423	
1998	150 817	23 766	3 365	493	59 236	8 455	246 355	13 831	46 702	62 010	84 743	42 520	246 355	
1999	153 472	24 622	3 011	676	58 942	12 006	253 618	10 528	47 472	61 412	92 536	45 590	253 618	
2000	158 809	24 128	2 672	602	62 271	12 603	262 354	10 422	49 308	64 395	92 942	48 518	262 354	
2001	151 587	28 282	4 306	992	59 754	14 095	259 250	10 876	48 716	63 697	92 685	46 657	259 250	
2002	150 965	30 238	4 885	1 428	64 317	15 961	267 014	16 199	52 292	68 777	85 157	46 384	267 014	
2003	147 436	33 503	5 631	1 718	69 242	15 590	270 923	14 211	52 445	74 538	85 816	47 016	270 923	
2004	141 505	40 048	4 761	1 948	73 082	19 533	277 107	12 432	53 674	77 351	89 629	48 457	277 107	
2005	168 336	24 780	4 801	1 532	72 817	19 541	291 305	11 600	55 094	77 007	95 183	53 514	291 305	
2006	158 245	42 613	5 024	1 737	70 122	23 381	299 781	13 093	59 011	74 524	101 870	53 756	299 781	
2007	173 764	43 411	4 528	1 493	69 938	24 301	316 877	12 001	65 666	73 804	109 843	57 451	316 877	
2008	168 552	51 417	7 040	968	59 931	13 756	300 399	11 064	63 967	66 672	101 992	58 857	300 399	
2009	140 622	56 201	9 315	638	43 534	9 388	259 296	9 767	50 281	53 105	91 858	55 324	259 296	
2010	147 619	56 897	9 229	674	45 993	10 056	270 054	13 417	53 235	55 345	91 011	57 533	270 054	
2011	155 663	53 496	8 653	526	48 796	10 184	276 944	9 055	60 052	57 522	93 929	57 777	276 944	
2012	166 898	49 554	7 857	468	47 327	10 787	282 845	11 091	59 539	55 383	98 737	59 129	282 845	
2013	171 674	47 838	7 295	541	51 793	13 414	292 413	10 937	60 385	59 085	101 360	61 753	292 413	
2014	180 608	51 999	8 424	671	56 287	15 416	313 472	15 894	66 763	64 712	104 825	62 036	313 472	
2015	187 355	51 660	8 241	694	60 677	15 347	324 016	21 785	64 208	68 917	109 223	60 130	324 016	
2016	187 031	52 100	8 404	726	66 170	17 013	331 442	25 854	61 628	74 572	108 718	60 669	331 442	
2017	189 877	54 029	8 202	767	72 053	17 990	342 917	23 250	61 854	80 255	115 143	62 415	342 917	
2018	189 047	54 861	4 279	738	77 262	17 311	343 498	19 790	61 445	81 542	116 329	64 392	343 498	

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
1998	10.7	9.3	-3.4	-20.4	1.2	-15.4	7.9	13.5	11.8	1.0	11.0	1.4	7.9	
1999	1.8	3.6	-10.5	37.1	-0.5	42.0	2.9	-23.9	1.6	-1.0	9.2	7.2	2.9	
2000	3.5	-2.0	-11.3	-10.9	5.6	5.0	3.4	-1.0	3.9	4.9	0.4	6.4	3.4	
2001	-4.5	17.2	61.2	64.8	-4.0	11.8	-1.2	4.4	-1.2	-1.1	-0.3	-3.8	-1.2	
2002	-0.4	6.9	13.4	44.0	7.6	13.2	3.0	48.9	7.3	8.0	-8.1	-0.6	3.0	
2003	-2.3	10.8	15.3	20.3	7.7	-2.3	1.5	-12.3	0.3	8.4	0.8	1.4	1.5	
2004	-4.0	19.5	-15.5	13.4	5.5	25.3	2.3	-12.5	2.3	3.8	4.4	3.1	2.3	
2005	19.0	-38.1	0.8	-21.4	-0.4	0.0	5.1	-6.7	2.6	-0.4	6.2	10.4	5.1	
2006	-6.0	72.0	4.6	13.4	-3.7	19.7	2.9	12.9	7.1	-3.2	7.0	0.5	2.9	
2007	9.8	1.9	-9.9	-14.0	-0.3	3.9	5.7	-8.3	11.3	-1.0	7.8	6.9	5.7	
2008	-3.0	18.4	55.5	-35.2	-14.3	-43.4	-5.2	-7.8	-2.6	-9.7	-7.1	2.4	-5.2	
2009	-16.6	9.3	32.3	-34.1	-27.4	-31.8	-13.7	-11.7	-21.4	-20.3	-9.9	-6.0	-13.7	
2010	5.0	1.2	-0.9	5.6	5.6	7.1	4.1	37.4	5.9	4.2	-0.9	4.0	4.1	
2011	5.4	-6.0	-6.2	-22.0	6.1	1.3	2.6	-32.5	12.8	3.9	3.2	0.4	2.6	
2012	7.2	-7.4	-9.2	-11.0	-3.0	5.9	2.1	22.5	-0.9	-3.7	5.1	2.3	2.1	
2013	2.9	-3.5	-7.2	15.6	9.4	24.4	3.4	-1.4	1.4	6.7	2.7	4.4	3.4	
2014	5.2	8.7	15.5	24.0	8.7	14.9	7.2	45.3	10.6	9.5	3.4	0.5	7.2	
2015	3.7	-0.7	-2.2	3.4	7.8	-0.4	3.4	37.1	-3.8	6.5	4.2	-3.1	3.4	
2016	-0.2	0.9	2.0	4.6	9.1	10.9	2.3	18.7	-4.0	8.2	-0.5	0.9	2.3	
2017	1.5	3.7	-2.4	5.6	8.9	5.7	3.5	-10.1	0.4	7.6	5.9	2.9	3.5	
2018	-0.4	1.5	-47.8	-3.8	7.2	-3.8	0.2	-14.9	-0.7	1.6	1.0	3.2	0.2	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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

£ million (reference year = 2016)

Table with columns: Sector (Public corporations, Private sector) and Asset (Dwellings, Transport equipment, ICT equipment, etc.). Rows list quarters from 1997 Q2 to 2018 Q4 with percentage change values.

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

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

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

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

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1							S.1
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL			
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR		
1997	136 235	21 736	3 483	620	58 507	9 996	228 423	12 187	41 765	61 417	76 374	41 948	228 423		
1998	150 819	23 765	3 365	492	59 236	8 456	246 355	13 830	46 701	62 010	84 743	42 522	246 355		
1999	153 473	24 622	3 011	676	58 943	12 005	253 618	10 528	47 472	61 412	92 536	45 590	253 618		
2000	158 811	24 128	2 672	601	62 272	12 605	262 354	10 424	49 307	64 395	92 942	48 519	262 354		
2001	151 587	28 282	4 306	994	59 755	14 095	259 250	10 875	48 715	63 697	92 685	46 657	259 250		
2002	150 966	30 239	4 884	1 429	64 317	15 960	267 014	16 198	52 293	68 778	85 156	46 382	267 014		
2003	147 439	33 503	5 631	1 719	69 243	15 590	270 923	14 213	52 445	74 538	85 816	47 016	270 923		
2004	141 505	40 046	4 761	1 947	73 083	19 533	277 107	12 431	53 674	77 352	89 629	48 456	277 107		
2005	168 337	24 780	4 800	1 532	72 816	19 541	291 305	11 600	55 092	77 007	95 183	53 515	291 305		
2006	158 245	42 614	5 025	1 737	70 121	23 382	299 781	13 094	59 011	74 523	101 870	53 755	299 781		
2007	173 764	43 411	4 527	1 492	69 938	24 302	316 877	12 002	65 666	73 804	109 844	57 451	316 877		
2008	168 552	51 417	7 040	968	59 931	13 756	300 399	11 064	63 966	66 671	101 991	58 856	300 399		
2009	140 622	56 202	9 316	638	43 535	9 388	259 296	9 767	50 280	53 106	91 858	55 326	259 296		
2010	147 617	56 897	9 229	675	45 992	10 056	270 054	13 416	53 233	55 344	91 010	57 532	270 054		
2011	155 662	53 495	8 653	526	48 796	10 185	276 944	9 055	60 053	57 522	93 928	57 776	276 944		
2012	166 901	49 554	7 858	468	47 328	10 789	282 845	11 092	59 540	55 383	98 736	59 128	282 845		
2013	171 674	47 837	7 296	540	51 794	13 413	292 413	10 938	60 385	59 086	101 359	61 753	292 413		
2014	180 608	52 000	8 425	671	56 287	15 416	313 472	15 896	66 764	64 712	104 825	62 035	313 472		
2015	187 354	51 659	8 240	694	60 677	15 346	324 016	21 783	64 208	68 918	109 224	60 130	324 016		
2016	187 031	52 100	8 403	725	66 170	17 013	331 442	25 854	61 628	74 572	108 719	60 670	331 442		
2017	189 876	54 029	8 202	766	72 054	17 990	342 917	23 250	61 854	80 256	115 142	62 415	342 917		
2018	189 047	54 861	4 279	738	77 262	17 311	343 498	19 790	61 445	81 542	116 329	64 392	343 498		

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1							S.1
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL			
1998	10.7	9.3	-3.4	-20.6	1.2	-15.4	7.9	13.5	11.8	1.0	11.0	1.4	7.9		
1999	1.8	3.6	-10.5	37.4	-0.5	42.0	2.9	-23.9	1.7	-1.0	9.2	7.2	2.9		
2000	3.5	-2.0	-11.3	-11.1	5.6	5.0	3.4	-1.0	3.9	4.9	0.4	6.4	3.4		
2001	-4.5	17.2	61.2	65.4	-4.0	11.8	-1.2	4.3	-1.2	-1.1	-0.3	-3.8	-1.2		
2002	-0.4	6.9	13.4	43.8	7.6	13.2	3.0	48.9	7.3	8.0	-8.1	-0.6	3.0		
2003	-2.3	10.8	15.3	20.3	7.7	-2.3	1.5	-12.3	0.3	8.4	0.8	1.4	1.5		
2004	-4.0	19.5	-15.5	13.3	5.5	25.3	2.3	-12.5	2.3	3.8	4.4	3.1	2.3		
2005	19.0	-38.1	0.8	-21.3	-0.4	0.0	5.1	-6.7	2.6	-0.4	6.2	10.4	5.1		
2006	-6.0	72.0	4.7	13.4	-3.7	19.7	2.9	12.9	7.1	-3.2	7.0	0.4	2.9		
2007	9.8	1.9	-9.9	-14.1	-0.3	3.9	5.7	-8.3	11.3	-1.0	7.8	6.9	5.7		
2008	-3.0	18.4	55.5	-35.1	-14.3	-43.4	-5.2	-7.8	-2.6	-9.7	-7.1	2.4	-5.2		
2009	-16.6	9.3	32.3	-34.1	-27.4	-31.8	-13.7	-11.7	-21.4	-20.3	-9.9	-6.0	-13.7		
2010	5.0	1.2	-0.9	5.8	5.6	7.1	4.1	37.4	5.9	4.2	-0.9	4.0	4.1		
2011	5.4	-6.0	-6.2	-22.1	6.1	1.3	2.6	-32.5	12.8	3.9	3.2	0.4	2.6		
2012	7.2	-7.4	-9.2	-11.0	-3.0	5.9	2.1	22.5	-0.9	-3.7	5.1	2.3	2.1		
2013	2.9	-3.5	-7.2	15.4	9.4	24.3	3.4	-1.4	1.4	6.7	2.7	4.4	3.4		
2014	5.2	8.7	15.5	24.3	8.7	14.9	7.2	45.3	10.6	9.5	3.4	0.5	7.2		
2015	3.7	-0.7	-2.2	3.4	7.8	-0.5	3.4	37.0	-3.8	6.5	4.2	-3.1	3.4		
2016	-0.2	0.9	2.0	4.5	9.1	10.9	2.3	18.7	-4.0	8.2	-0.5	0.9	2.3		
2017	1.5	3.7	-2.4	5.7	8.9	5.7	3.5	-10.1	0.4	7.6	5.9	2.9	3.5		
2018	-0.4	1.5	-47.8	-3.7	7.2	-3.8	0.2	-14.9	-0.7	1.6	1.0	3.2	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.

G12 Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1							S.1
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL			
	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS		
1997	115 342	15 433	1 623	451	25 055	7 186	165 091	12 346	47 237	26 680	45 458	33 372	165 091		
1998	125 538	17 079	1 631	369	26 589	6 301	177 509	13 612	48 804	28 221	52 599	34 272	177 509		
1999	127 504	17 875	1 529	522	28 060	9 220	184 709	10 285	48 501	29 619	59 179	37 127	184 709		
2000	134 576	18 285	1 420	478	31 137	9 942	195 840	10 102	50 750	32 614	62 835	39 537	195 840		
2001	130 845	21 766	2 386	812	31 384	11 464	198 659	10 365	50 251	33 862	65 472	38 711	198 659		
2002	131 210	23 758	2 837	1 196	36 078	13 273	208 349	15 801	50 871	39 000	63 159	39 520	208 349		
2003	127 700	26 288	3 510	1 473	41 883	13 309	214 162	14 024	48 738	45 552	65 458	40 390	214 162		
2004	121 673	31 853	3 235	1 720	47 120	17 179	222 779	12 116	48 625	50 469	70 181	41 388	222 779		
2005	144 543	20 298	3 574	1 410	50 665	17 923	238 414	11 310	48 931	54 285	78 107	45 778	238 414		
2006	138 179	36 455	4 047	1 659	52 148	22 295	254 785	12 815	50 231	56 206	88 412	47 122	254 785		
2007	152 863	38 515	3 897	1 481	54 814	24 094	275 664	11 812	53 654	58 714	100 013	51 470	275 664		
2008	152 790	46 856	6 536	951	50 255	13 490	270 878	11 224	53 244	56 807	95 264	54 341	270 878		
2009	130 587	50 732	8 845	591	37 782	8 652	237 187	10 159	45 419	46 628	83 660	51 321	237 187		
2010	136 116	50 536	8 600	626	40 110	9 293	245 284	14 017	48 845	48 704	79 885	53 832	245 284		
2011	145 506	48 287	8 081	496	43 464	9 576	255 410	9 716	55 615	51 537	83 468	55 075	255 410		
2012	158 910	46 155	7 454	446	43 760	10 307	267 032	11 883	55 974	51 329	91 160	56 688	267 032		
2013	165 882	45 659	7 035	522	49 371	12 937	281 407	11 716	56 844	56 406	96 420	60 022	281 407		
2014	175 594	50 796	8 297	656	55 347	15 058	305 747	16 449	62 461	63 643	102 630	60 565	305 747		
2015	184 620	50 998	8 128	687	59 817	15 181	319 432	22 382	62 290	67 946	107 618	59 195	319 432		
2016	187 032	52 100	8 403	726	66 169	17 013	331 442	25 856	61 628	74 573	108 718	60 669	331 442		
2017	194 886	55 093	8 412	773	73 987	18 142	351 293	22 768	66 065	82 400	117 206	62 854	351 293		
2018	197 237	57 252	4 525	762	81 640	17 856	359 272	20 427	65 243	86 164	121 653	65 785	359 272		

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1							S.1
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL			
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
1998	8.8	10.7	0.5	-18.2	6.1	-12.3	7.5	10.3	3.3	5.8	15.7	2.7	7.5		
1999	1.6	4.7	-6.3	41.5	5.5	46.3	4.1	-24.4	-0.6	5.0	12.5	8.3	4.1		
2000	5.5	2.3	-7.1	-8.4	11.0	7.8	6.0	-1.8	4.6	10.1	6.2	6.5	6.0		
2001	-2.8	19.0	68.0	69.9	0.8	15.3	1.4	2.6	-1.0	3.8	4.2	-2.1	1.4		
2002	0.3	9.2	18.9	47.3	15.0	15.8	4.9	52.4	1.2	15.2	-3.5	2.1	4.9		
2003	-2.7	10.6	23.7	23.2	16.1	0.3	2.8	-11.2	-4.2	16.8	3.6	2.2	2.8		
2004	-4.7	21.2	-7.8	16.8	12.5	29.1	4.0	-13.6	-0.2	10.8	7.2	2.5	4.0		
2005	18.8	-36.3	10.5	-18.0	7.5	4.3	7.0	-6.7	0.6	7.6	11.3	10.6	7.0		
2006	-4.4	79.6	13.2	17.7	2.9	24.4	6.9	13.3	2.7	3.5	13.2	2.9	6.9		
2007	10.6	5.7	-3.7	-10.7	5.1	8.1	8.2	-7.8	6.8	4.5	13.1	9.2	8.2		
2008	0.0	21.7	67.7	-35.8	-8.3	-44.0	-1.7	-5.0	-0.8	-3.2	-4.7	5.6	-1.7		
2009	-14.5	8.3	35.3	-37.9	-24.8	-35.9	-12.4	-9.5	-14.7	-17.9	-12.2	-5.6	-12.4		
2010	4.2	-0.4	-2.8	5.9	6.2	7.4	3.4	38.0	7.5	4.5	-4.5	4.9	3.4		
2011	6.9	-4.5	-6.0	-20.8	8.4	3.0	4.1	-30.7	13.9	5.8	4.5	2.3	4.1		
2012	9.2	-4.4	-7.8	-10.1	0.7	7.6	4.6	22.3	0.6	-0.4	9.2	2.9	4.6		
2013	4.4	-1.1	-5.6	17.0	12.8	25.5	5.4	-1.4	1.6	9.9	5.8	5.9	5.4		
2014	5.9	11.3	17.9	25.7	12.1	16.4	8.6	40.4	9.9	12.8	6.4	0.9	8.6		
2015	5.1	0.4	-2.0	4.7	8.1	0.8	4.5	36.1	-0.3	6.8	4.9	-2.3	4.5		
2016	1.3	2.2	3.4	5.7	10.6	12.1	3.8	15.5	-1.1	9.8	1.0	2.5	3.8		
2017	4.2	5.7	0.1	6.5	11.8	6.6	6.0	-11.9	7.2	10.5	7.8	3.6	6.0		
2018	1.2	3.9	-46.2	-1.4	10.3	-1.6	2.3	-10.3	-1.2	4.6	3.8	4.7	2.3		

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.

G16 Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million

SECTOR ⁶ ASSET ⁶	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	NPFM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
1997	115 342	15 433	1 623	451	25 055	7 185	165 091	12 346	47 237	26 678	45 458	33 371	165 091	
1998	125 536	17 079	1 632	370	26 589	6 301	177 509	13 611	48 804	28 221	52 601	34 272	177 509	
1999	127 503	17 875	1 529	522	28 060	9 220	184 709	10 282	48 502	29 619	59 179	37 126	184 709	
2000	134 578	18 285	1 421	479	31 137	9 942	195 840	10 104	50 750	32 614	62 835	39 537	195 840	
2001	130 847	21 766	2 387	813	31 384	11 462	198 659	10 367	50 250	33 862	65 471	38 711	198 659	
2002	131 209	23 758	2 837	1 194	36 078	13 272	208 349	15 799	50 872	38 999	63 160	39 521	208 349	
2003	127 699	26 288	3 509	1 472	41 882	13 309	214 162	14 023	48 738	45 551	65 459	40 390	214 162	
2004	121 674	31 853	3 235	1 720	47 119	17 181	222 779	12 116	48 624	50 469	70 180	41 388	222 779	
2005	144 546	20 298	3 574	1 410	50 666	17 923	238 414	11 312	48 933	54 286	78 106	45 778	238 414	
2006	138 180	36 455	4 048	1 659	52 148	22 296	254 785	12 817	50 231	56 205	88 411	47 122	254 785	
2007	152 863	38 515	3 897	1 481	54 814	24 094	275 664	11 813	53 654	58 714	100 013	51 470	275 664	
2008	152 791	46 856	6 536	951	50 256	13 489	270 878	11 224	53 244	56 807	95 265	54 341	270 878	
2009	130 587	50 732	8 845	589	37 782	8 652	237 187	10 158	45 419	46 628	83 659	51 321	237 187	
2010	136 117	50 536	8 600	625	40 110	9 294	245 284	14 018	48 846	48 705	79 883	53 832	245 284	
2011	145 505	48 287	8 081	496	43 464	9 577	255 410	9 714	55 614	51 537	83 468	55 076	255 410	
2012	158 910	46 155	7 454	447	43 759	10 307	267 032	11 883	55 974	51 328	91 158	56 688	267 032	
2013	165 883	45 659	7 035	521	49 371	12 938	281 407	11 716	56 844	56 406	96 419	60 022	281 407	
2014	175 593	50 796	8 296	655	55 348	15 059	305 747	16 448	62 461	63 644	102 630	60 565	305 747	
2015	184 622	50 998	8 128	687	59 817	15 180	319 432	22 383	62 291	67 945	107 618	59 196	319 432	
2016	187 031	52 100	8 403	725	66 170	17 014	331 442	25 854	61 629	74 573	108 718	60 668	331 442	
2017	194 885	55 093	8 413	773	73 986	18 143	351 293	22 768	66 066	82 399	117 206	62 854	351 293	
2018	197 237	57 252	4 525	762	81 640	17 856	359 272	20 427	65 243	86 164	121 653	65 785	359 272	

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

SECTOR ⁶ ASSET ⁶	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
1998	8.8	10.7	0.6	-18.0	6.1	-12.3	7.5	10.2	3.3	5.8	15.7	2.7	7.5	
1999	1.6	4.7	-6.3	41.1	5.5	46.3	4.1	-24.5	-0.6	5.0	12.5	8.3	4.1	
2000	5.5	2.3	-7.1	-8.2	11.0	7.8	6.0	-1.7	4.6	10.1	6.2	6.5	6.0	
2001	-2.8	19.0	68.0	69.7	0.8	15.3	1.4	2.6	-1.0	3.8	4.2	-2.1	1.4	
2002	0.3	9.2	18.9	46.9	15.0	15.8	4.9	52.4	1.2	15.2	-3.5	2.1	4.9	
2003	-2.7	10.6	23.7	23.3	16.1	0.3	2.8	-11.2	-4.2	16.8	3.6	2.2	2.8	
2004	-4.7	21.2	-7.8	16.8	12.5	29.1	4.0	-13.6	-0.2	10.8	7.2	2.5	4.0	
2005	18.8	-36.3	10.5	-18.0	7.5	4.3	7.0	-6.6	0.6	7.6	11.3	10.6	7.0	
2006	-4.4	79.6	13.3	17.7	2.9	24.4	6.9	13.3	2.7	3.5	13.2	2.9	6.9	
2007	10.6	5.7	-3.7	-10.7	5.1	8.1	8.2	-7.8	6.8	4.5	13.1	9.2	8.2	
2008	0.0	21.7	67.7	-35.8	-8.3	-44.0	-1.7	-5.0	-0.8	-3.2	-4.7	5.6	-1.7	
2009	-14.5	8.3	35.3	-38.1	-24.8	-35.9	-12.4	-9.5	-14.7	-17.9	-12.2	-5.6	-12.4	
2010	4.2	-0.4	-2.8	6.1	6.2	7.4	3.4	38.0	7.5	4.5	-4.5	4.9	3.4	
2011	6.9	-4.5	-6.0	-20.6	8.4	3.0	4.1	-30.7	13.9	5.8	4.5	2.3	4.1	
2012	9.2	-4.4	-7.8	-9.9	0.7	7.6	4.6	22.3	0.6	-0.4	9.2	2.9	4.6	
2013	4.4	-1.1	-5.6	16.6	12.8	25.5	5.4	-1.4	1.6	9.9	5.8	5.9	5.4	
2014	5.9	11.3	17.9	25.7	12.1	16.4	8.6	40.4	9.9	12.8	6.4	0.9	8.6	
2015	5.1	0.4	-2.0	4.9	8.1	0.8	4.5	36.1	-0.3	6.8	4.9	-2.3	4.5	
2016	1.3	2.2	3.4	5.5	10.6	12.1	3.8	15.5	-1.1	9.8	1.0	2.5	3.8	
2017	4.2	5.7	0.1	6.6	11.8	6.6	6.0	-11.9	7.2	10.5	7.8	3.6	6.0	
2018	1.2	3.9	-46.2	-1.4	10.3	-1.6	2.3	-10.3	-1.2	4.6	3.8	4.7	2.3	

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.

G1R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector										Asset						
	Public corporations ²					Private sector											
	Business investment ⁴	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total			
	S.11NG	S.13	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL				
NPQL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT					
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2018 Q1	7	-12	-127	2	-22	-1	-153	12	-6	-150	-9	0	-153				
2018 Q2	16	189	-33	-1	-44	-4	123	146	-43	-76	146	-50	123				
2018 Q3	285	236	-34	-1	-93	-10	383	101	163	-127	185	61	383				
2018 Q4	540	126	-54	0	-81	-281	250	344	101	-135	-51	-9	250				

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 ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	848	539	-248	0	-240	-296	603	603	215	-488	271	2	603	

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ³				Private sector			Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018	0.5	1.0	-3.0	0.0	-0.4	-1.7	0.2	2.6	0.3	-0.6	0.2	0.0	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.

G5R Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ¹ ASSET ²	Sector							Asset						
	Public corporations ²				Private sector			Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1MG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	NPEN	EODN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR	
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q1	-2	0	-173	0	-19	0	-194	0	-2	-191	-1	0	-194	
2018 Q2	-83	213	-21	0	-40	-4	65	6	19	-61	107	-6	65	
2018 Q3	399	265	-20	0	-103	-12	529	319	154	-122	173	5	529	
2018 Q4	534	61	-34	0	-78	-280	203	277	44	-113	-8	3	203	

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 ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	848	539	-248	0	-240	-296	603	602	215	-487	271	2	603	

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total							
S.1NG BUS INV	S.13 TOTAL	S.11001 AN.111	S.11001 AN.116	S.1PT AN.111	S.1PT AN.116	S.1 TOTAL	S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL		
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018	0.5	1.0	-3.0	0.0	-0.4	-1.7	0.2	2.6	0.3	-0.6	0.2	0.0	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.

G9R Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level

£ million

SECTOR ⁶ ASSET ⁶	Sector											Asset					
	Public corporations ²						Private sector					Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1	S.1PT	S.1	S.1						
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1		
BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL					
	NPEK	RP2G	L62R	L62S	L62T	L62U	NPOS	TLPX	TLPW	GGAE	EQED	TLPK	NPOS				
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2018 Q1	-22	31	-133	0	-23	0	-147	7	-8	-156	9	1	-147				
2018 Q2	219	207	-34	1	-46	0	347	165	115	-80	147	0	347				
2018 Q3	179	234	-35	0	-98	0	280	106	89	-133	216	2	280				
2018 Q4	488	97	-58	-1	-86	-287	153	358	27	-145	-54	-33	153				

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				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
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	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	864	569	-260	0	-253	-287	633	636	223	-514	318	-30	633	

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018	0.4	1.0	-3.1	0.0	-0.4	-1.6	0.2	2.8	0.4	-0.6	0.3	0.0	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.

G13R Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level

£ million

SECTOR ⁶ ASSET ⁶	Sector										Asset						
	Public corporations ²					Private sector					Transport equipment ^{5.1}	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products ^{5.1}	Total ^{5.1}	
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Total	Total							Total
	S.1NG	S.13	S.11001	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1							S.1
BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL					
	NPEM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPOX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPOX				
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2016 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0				
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0				
2018 Q1	-2	0	-180	0	-20	0	-202	0	-1	-200	-1	0	-202				
2018 Q2	-83	223	-22	0	-42	0	76	7	15	-64	118	0	76				
2018 Q3	405	286	-21	0	-107	0	563	334	152	-129	201	5	563				
2018 Q4	543	60	-37	0	-83	-287	196	294	57	-120	0	-35	196				

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				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
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	
	NPQM	NNBF	L5YQ	L5ZL	L5ZQ	L5ZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	863	569	-260	0	-252	-287	633	635	223	-513	318	-30	633	

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

	Sector								Asset					
	Public corporations ²				Private sector				Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	S.1						
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018	0.4	1.0	-3.1	0.0	-0.4	-1.6	0.2	2.8	0.4	-0.6	0.3	0.0	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.