

Statistical bulletin

Business investment in the UK: October to December 2019 revised results

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



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

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1 . Main points

- Business investment fell by 0.5%, in volume terms, in Quarter 4 (Oct to Dec) 2019.
- This is the eighth consecutive quarter when information and communication technology (ICT) equipment, other machinery, and equipment has contributed negatively to business investment four-quarter growth; intellectual property products (IPPs) have contributed positively in each of the last 10 quarters.
- When compared with the same quarter a year ago, business investment increased by 1.8%.
- When compared with 2018, business investment increased by 0.6% in 2019.
- Gross fixed capital formation (GFCF), in volume terms, fell by 1.2% in Quarter 4 2019.
- When compared with the same quarter a year ago, GFCF fell by 0.3% in Quarter 4 2019.
- On a sector basis, private sector dwellings made the largest negative contribution to GFCF growth in Quarter 4 2019.
- When compared with 2018, GFCF in 2019 increased by 0.6%.

2 . Business investment analysis

Business investment fell by 0.5% in Quarter 4 (Oct to Dec) 2019

Business investment fell by 0.5% between Quarter 3 (July to Sept) 2019 and Quarter 4 (Oct to Dec) 2019, following three consecutive quarters of positive growth.

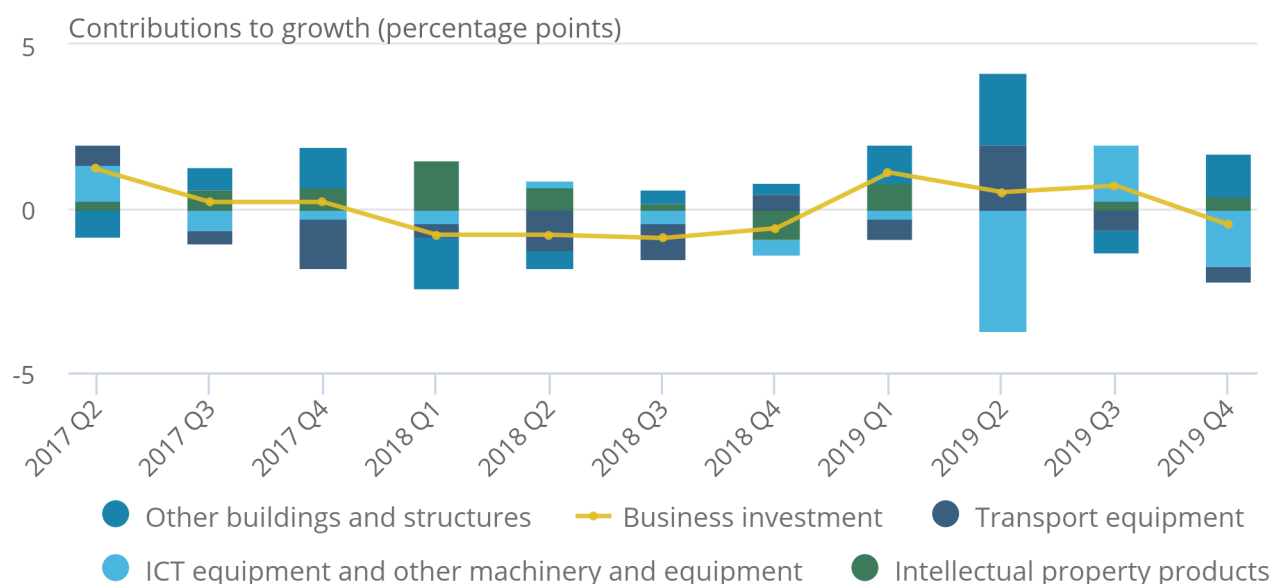
Information and communication technology (ICT) equipment, other machinery, and equipment made the largest contribution to the fall, while transport equipment also contributed negatively. Falls in these assets were partially offset by increases in other buildings and structures and intellectual property products (IPPs). (Figure 1)

Figure 1: Business investment fell in Quarter 4 2019, following three quarters of growth

Chained volume measure, seasonally adjusted, UK, Quarter 2 (Apr to June) 2017 to Quarter 4 (Oct to Dec) 2019

Figure 1: Business investment fell in Quarter 4 2019, following three quarters of growth

Chained volume measure, seasonally adjusted, UK, Quarter 2 (Apr to June) 2017 to Quarter 4 (Oct to Dec) 2019



Source: Office for National Statistics – Business investment

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September) and Q4 equals Quarter 4 (October to December).
1. Contributions may not sum to total because of rounding.

The Bank of England, in its [Agents' summary of business conditions for Quarter 4 2019](#), stated that "investment intentions remained depressed by slower global growth and political uncertainty", with larger firms and exporters particularly affected. However, Deloitte, in their [quarterly CFO Survey](#), found that businesses reported their biggest increase in optimism in the 11-year history of the survey.

In its [January 2020 Monetary Policy Report](#), the Bank of England highlighted that although Brexit-related uncertainty lessened in Quarter 4 2019, "Intelligence from the Bank's Agents and aggregate CBI survey data suggests that few companies have materially increased their planned investment spending as yet, but these data include responses from before the election."

The [IHS Markit/CIPS Purchasing Managers Index \(PMI\) for manufacturing](#) reported reductions in manufacturing output and new orders of investment goods in each month of Quarter 4 2019, linking this to continued uncertainty.

Accountancy firm BDO, in their [business trends report](#), suggested that optimism was at a seven-year low in October 2019 and remained close to that level for the remainder of Quarter 4 2019. The British Chambers of Commerce (BCC), in their [Quarterly Economic Survey for Quarter 4 2019](#), noted that “investment intentions remain weak by historic standards”.

When compared with the same quarter a year ago, business investment grew by 1.8% in Quarter 4 2019. IPPs has contributed positively to business investment four-quarter growth in each of the last 10 quarters. This is particularly notable as it was the only asset that made a positive contribution to business investment four-quarter growth in 2018. Other buildings and structures and transport equipment also grew over this period; however, these increases were partially offset by a fall in ICT equipment, other machinery, and equipment.

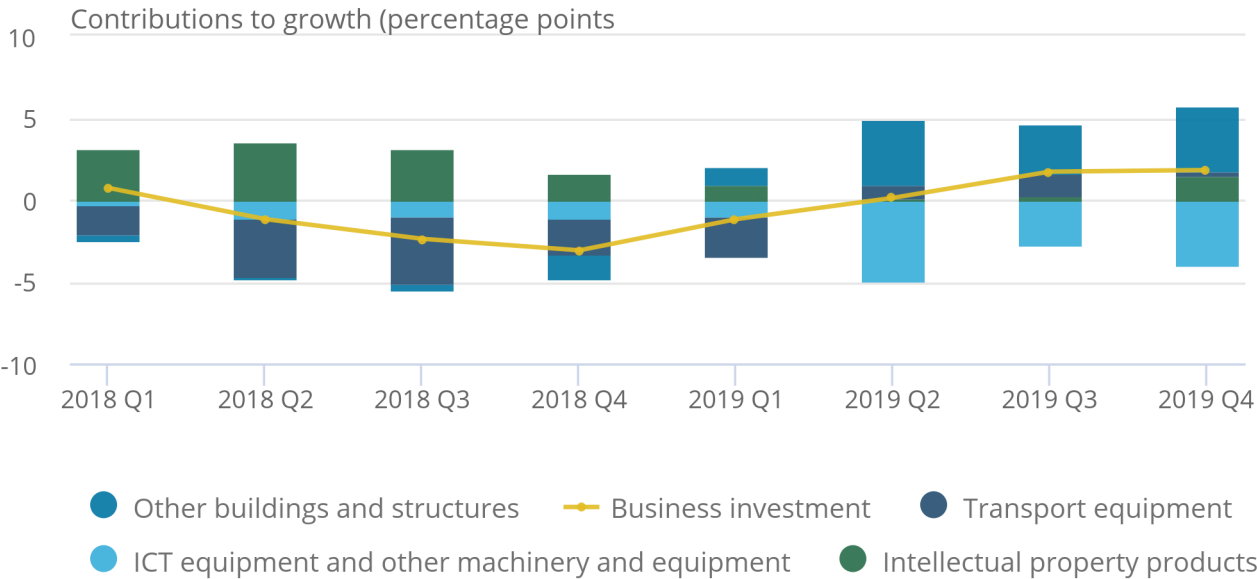
The recent growth in other buildings and structures can be partially attributed to investment in new and existing warehousing to increase capacity throughout 2019, which was reported by some survey respondents. The fall in ICT equipment, other machinery, and equipment is the eighth consecutive quarter where this asset has contributed negatively to business investment four-quarter growth. According to the BCC, the balance of manufacturers planning on investing in plant and machinery is at an eight-year low.

Figure 2: ICT equipment, other machinery, and equipment contributed negatively to business investment four-quarter growth for the eighth consecutive quarter

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2019

Figure 2: ICT equipment, other machinery, and equipment contributed negatively to business investment four-quarter growth for the eighth consecutive quarter

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2019



Source: Office for National Statistics – Business investment

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September) and Q4 equals Quarter 4 (October to December).
2. Contributions may not sum to total because of rounding.

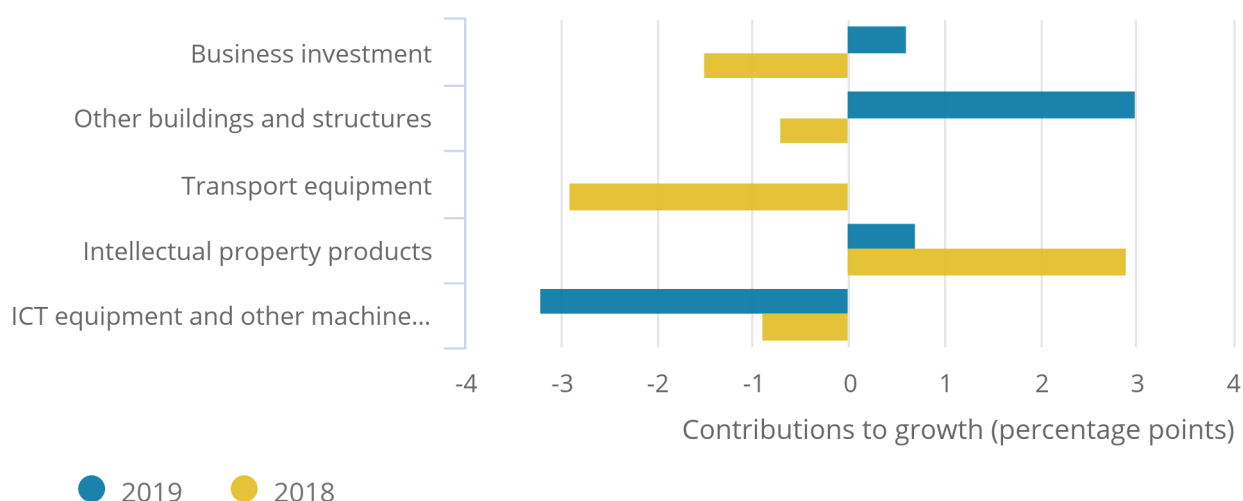
The upturn in business investment growth in 2019 was largely explained by increased investment in other buildings and structures. Investment in IPP also contributed positively to business investment growth in 2019, but much of the growth in these two assets was offset by the largest annual fall in investment in ICT equipment, other machinery, and equipment since 2009. The varying contributions of each business investment asset to annual growth have led to changes in the composition of business investment. IPPs and other buildings and structures account for more of business investment than they did in 2017, while ICT equipment, other machinery, and equipment and transport account for less (Figure 3).

Figure 3: The contributions of each business investment asset to annual growth varied between 2018 and 2019

Contributions to annual percentage growth, chained volume measures, seasonally adjusted, UK, 2018 and 2019

Figure 3: The contributions of each business investment asset to annual growth varied between 2018 and 2019

Contributions to annual percentage growth, chained volume measures, seasonally adjusted, UK, 2018 and 2019



Source: Office for National Statistics – Business investment

Notes:

- Contributions may not sum to total because of rounding.

The slowdown in business investment growth in 2018 culminated in Quarter 4 2018 seeing the largest four-quarter fall since Quarter 4 2009. The largest negative contributor to four-quarter business investment growth in each quarter of 2018 and Quarter 1 (Jan to Mar) 2019 was transport equipment. [Annual gross fixed capital formation \(GFCF\) data](#) suggest that the fall in investment in transport equipment between 2017 and 2018 occurred largely in the air transport industry, through a decrease in investment in aircraft.

Business investment is now 2.2% above the level seen in Quarter 2 (Apr to June) 2016, the quarter in which the EU referendum took place.

3 . Dwellings investment analysis

In Quarter 4 (Oct to Dec) 2019, private sector investment in dwellings saw the largest fall since 2012

The private sector dwellings series was subject to a balancing adjustment of negative £250 million in Quarter 4 2019. The resulting series should be treated accordingly.

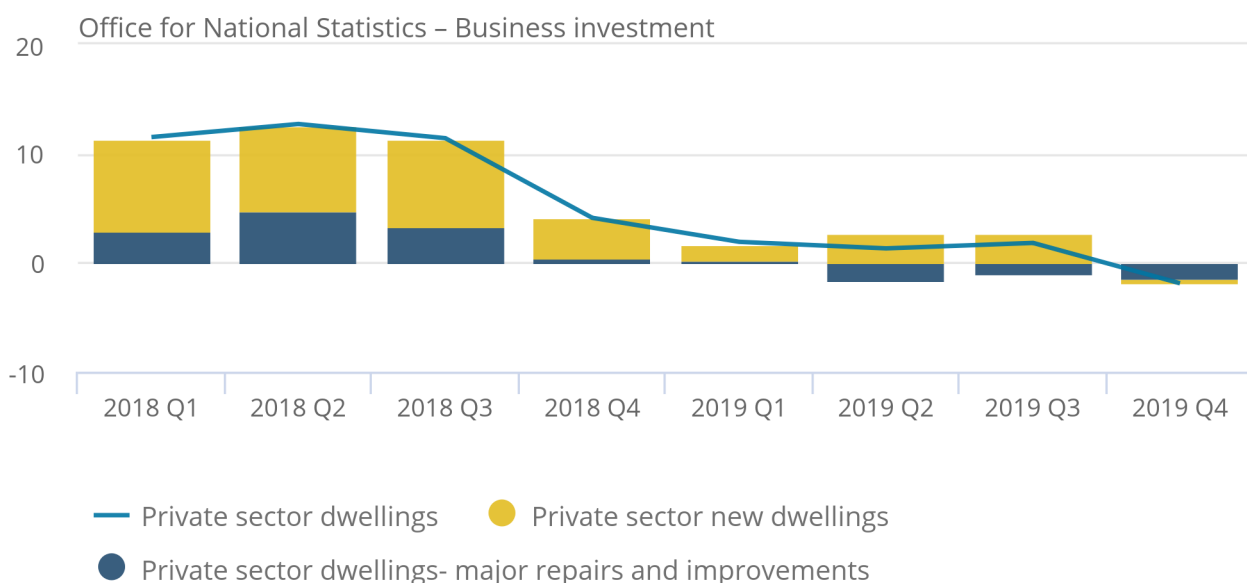
Private sector investment in dwellings fell by 3.3% in Quarter 4 (Oct to Dec) 2019. This was the largest fall since Quarter 2 (Apr to June) 2012, when investment fell by 4.6%. Compared with the same quarter of the previous year, investment in private sector dwellings fell by 1.9% in Quarter 4 2019. Investment in new dwellings and major repairs and improvements both contributed to this fall (Figure 4).

Figure 4: The contribution of new dwellings to four-quarter growth in investment in dwellings by the private sector was negative for the first time since Quarter 3 2012

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2019

Figure 4: The contribution of new dwellings to four-quarter growth in investment in dwellings by the private sector was negative for the first time since Quarter 3 2012

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2018 to Quarter 4 (Oct to Dec) 2019



Source: Office for National Statistics – Business investment

Notes:

1. Q1 equals Quarter 1 (January to March), Q2 equals Quarter 2 (April to June), Q3 equals Quarter 3 (July to September) and Q4 equals Quarter 4 (October to December).
2. Contributions may not sum to total because of rounding.

The Bank of England's [Agents' summary of business conditions for Quarter 4 2019](#) reported that the housing market "remained subdued, with activity dampened by uncertainty around the October Brexit deadline and the General Election". The Bank of England found that, in the new-build market specifically, "increasing incentives were required to sell houses, and smaller builders were slowing their build rates".

[Construction output in Great Britain: December 2019 and new orders October to December 2019](#), released on 11 February 2019, shows private housing construction work in the three months to December 2019 fell by 1.7%, with both new work and repair and maintenance contributing negatively. We received anecdotal evidence for October 2019 that adverse weather had affected business, though it is difficult to quantify the exact impact on the industry.

These estimates were revised as part of the quarterly national accounts and as such are not consistent with construction data used in this [gross fixed capital formation \(GFCF\) dataset](#). In addition, there are conceptual and methodological differences between estimates for the construction of private housing and the private sector dwellings series for GFCF. Information can be found in the article, [Conceptual and methodological differences between private housing construction output and GFCF private sector dwellings](#).

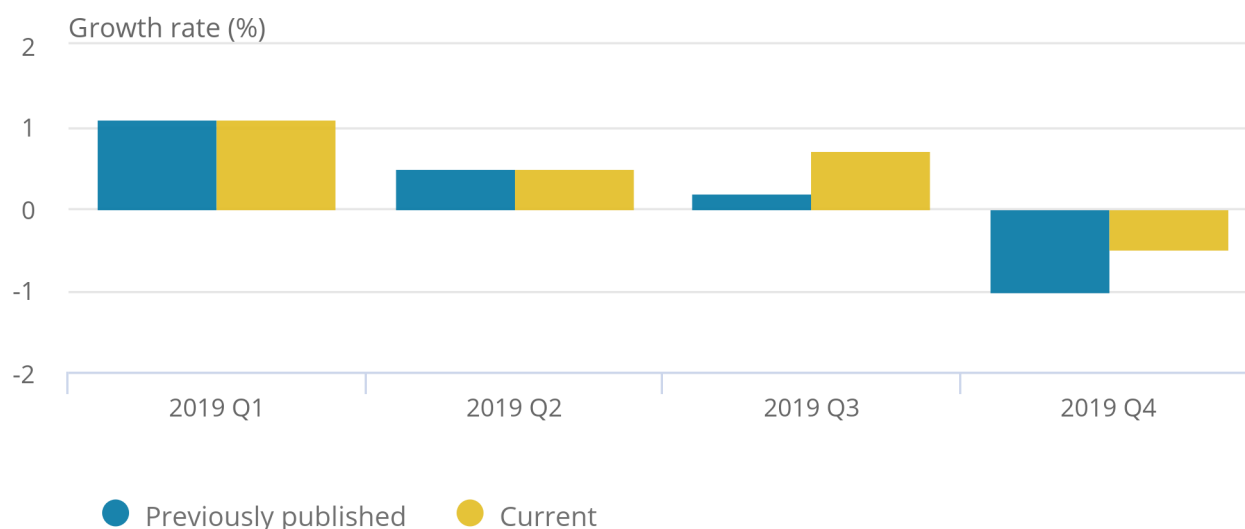
4 . Revisions to business investment and GFCF

Figure 5: Business investment growth was revised up by 0.5 percentage points in both Quarter 3 and Quarter 4 2019

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2019

Figure 5: Business investment growth was revised up by 0.5 percentage points in both Quarter 3 and Quarter 4 2019

Chained volume measure, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2019



Source: Office for National Statistics (UK) and Organisation for Economic Co-operation – Business investment

Notes:

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

In line with the [National Accounts Revisions Policy](#), the open period for revisions is Quarter 1 (Jan to Mar) 2019 to Quarter 4 (Oct to Dec) 2019. Revisions to these periods are largely explained by taking on later source data, alongside revisions to seasonal adjustment. Revisions by sector and asset for gross fixed capital formation (GFCF) can be found in the revisions section of the [GFCF by sector and asset](#) dataset accompanying this release, in addition to [revision triangles](#) and a [real-time database](#) for business investment.

Business investment growth has been revised up by 0.5 percentage points in Quarter 3 (July to Sept) 2019 and Quarter 4 2019, to 0.7% and negative 0.5% respectively. Quarter 1 2019 and Quarter 2 2019 remain unrevised (Figure 7).

GFCF has been revised on average by 0.1 percentage points between Quarter 1 2019 and Quarter 4 2019, with revisions ranging between negative 0.1 percentage points and positive 0.4 percentage points.

Quarter 1 2019

GFCF growth in Quarter 1 2019 has been revised down by 0.1 percentage points to 1.0%. This was largely explained by revisions to the quarterly path of the general government series following improvements to seasonal adjustment. Business investment growth was unrevised.

Quarter 2 2019

Business investment and GFCF growth in Quarter 2 (Apr to June) 2019 were unrevised, but there were some offsetting changes to components of GFCF. A downwards revision to general government was offset by an upwards revision to private sector dwellings.

Quarter 3 2019

Business investment growth in Quarter 3 2019 was revised up by 0.5 percentage points to 0.7%, while GFCF growth was revised up by 0.2 percentage points to 0.5%. This was largely explained by revisions to the other machinery and equipment asset following later survey data from the Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS) and revisions to seasonal adjustment.

Quarter 4 2019

Business investment growth in Quarter 4 2019 was revised up by 0.5 percentage points to negative 0.5%. This was largely explained by later QCAS data, which particularly affected other buildings and structures and computer software and databases within intellectual property products.

GFCF growth in Quarter 4 2019 was also revised up by 0.4 percentage points to negative 1.2%. In addition to the upwards revision to business investment, revisions to gross domestic product (GDP) balancing adjustments applied to private sector dwellings and private sector transfer costs led to upwards revisions to these components. More detail on the GDP balancing process can be found in the [quarterly national accounts](#).

5 . Business investment in the UK data

[Business investment by asset](#)

Dataset | Released 31 March 2020

Detailed breakdown of business investment by asset, in current prices and chained volume measures, non-seasonally adjusted and seasonally adjusted, UK.

[Gross fixed capital formation – by sector and asset](#)

Dataset | Released 31 March 2020

Sector and asset breakdowns of gross fixed capital formation (GFCF), including business investment and revisions, in current prices and chained volume measures, non-seasonally adjusted and seasonally adjusted, UK.

[Business investment by industry and asset](#)

Dataset | Released 31 March 2020

Detailed breakdown of business investment by industry and asset, in current prices and chained volume measures, non-seasonally adjusted and seasonally adjusted, UK.

6 . Glossary

Business investment

Business investment is a component of gross fixed capital formation (GFCF) by the private sector and public corporations, excluding investment in dwellings and costs of ownership transfer. It is a UK construct and not internationally comparable.

Gross fixed capital formation (GFCF)

GFCF is the total value of a producer's acquisitions, less disposals, of assets used in the production process for more than one year, plus certain expenditure on services that adds to the value of non-produced assets. It is an internationally recognised concept allowing comparison between countries.

7 . Measuring the data

Business investment estimates largely rely on data collected from the Office for National Statistics' (ONS') Quarterly Acquisitions and Disposals of Capital Assets Survey (QCAS). The QCAS is sent to around 25,000 companies, which complete the survey online.

Additional data sources for estimates of gross fixed capital formation (GFCF) include:

- private housing construction output, used to estimate private sector dwellings investment
- stamp duty data from HM Revenue and Customs (HMRC) and Registers of Scotland, used as part of estimates of costs of ownership transfer
- HMRC imports and exports of high value (those greater than £1 million) aircraft used to inform estimates of investment in transport equipment for the air transport industry

Quality

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the [Business investment QMI](#).

Coronavirus (COVID-19)

In response to the developing coronavirus (COVID-19) pandemic, we are working to ensure that we continue to publish economic statistics. For more information, please see [COVID-19 and the production of statistics](#). In line with the current government guidelines, we are encouraging ONS staff to work from home and to avoid unnecessary travel and social contact. We have an established infrastructure to help mitigate these changes and to ensure we continue to produce economic statistics. We will continue to review our mitigation as events unfold.

Data in this statistical bulletin and accompanying datasets relate to the Quarter 4 (Oct to Dec) 2019 period, before reported cases of COVID-19 in the UK.

8 . Strengths and limitations

GDP balancing adjustments

We have applied larger than usual adjustments to the expenditure approach in Quarter 4 (Oct to Dec) 2019, in part after heightened uncertainty around the impact of the UK's planned withdrawal from the EU on the timing of activity of businesses.

Bias adjustment

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 three) results but are not reported in time for the provisional (month two) 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 2019, the bias adjustment was positive £781 million. This has been removed in this revised release.

QCAS response rates

Table 1: UK response rates for Quarterly Acquisitions and Disposals of Capital Assets Survey
Chained volume measure, seasonally adjusted, Quarter 1 (Jan to Mar) 2016 to Quarter 4 (Oct to Dec) 2019

		Provisional	Revised	Final
Period		Survey response rates/%	Survey response rates/%	Survey response rates/%
2016	Q1	69.2	85.1	89.4
	Q2	71.4	85.6	89.1
	Q3	72.8	83.5	83.5
	Q4	68.5	85.9	90.1
2017	Q1	68.2	82.2	82.8
	Q2	70.8	84.8	89.6
	Q3	69.7	84.7	88.1
	Q4	69.6	83.6	83.6
2018	Q1	68.1	83.3	89.3
	Q2	56.1	84.3	90.1
	Q3	60.4	84.2	89.7
	Q4	63.0	81.2	89.5
2019	Q1	65.7	81.7	89.0
	Q2	68.6	82.5	88.9
	Q3	68.7	82.3	87.4
	Q4	66.2	81.5	

Source: Office for National Statistics – Business investment

9 . Related links

[GDP quarterly national accounts, UK: October to December 2019](#)

Bulletin | Released 31 March 2020

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.

[Quarterly economic commentary: October to December 2019](#)

Article | Released 31 March 2020

Economic commentary for the latest quarterly national accounts, prices and labour market indicators.

[UK National Accounts, The Blue Book: 2019](#)

Compendium | Released 31 October 2019

Annual publication of the UK National Accounts, including data on gross fixed capital formation (GFCF).

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

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ¹ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	Transport equipment S.1 AN.1131	ICT equipment and other machinery and equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114	Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total ⁷ S.1 TOTAL	
										Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116			
NPQL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT		
1997 Q1	31 260	5 988	1 274	159	15 648	2 483	55 517	3 076	8 284	16 780	19 652	9 695	55 517	
1997 Q2	33 293	5 551	851	196	15 580	3 127	57 934	3 022	8 786	16 245	21 594	9 981	57 934	
1997 Q3	34 867	6 266	750	144	15 933	2 561	59 992	3 211	9 462	16 480	21 751	10 374	59 992	
1997 Q4	35 578	6 075	762	130	17 153	2 947	61 781	3 082	9 700	17 692	22 314	10 682	61 781	
1998 Q1	36 721	6 411	844	115	15 591	2 474	62 136	3 822	9 315	16 247	22 904	10 932	62 136	
1998 Q2	36 983	6 574	881	123	15 919	2 874	63 216	3 415	10 060	16 612	22 862	11 129	63 216	
1998 Q3	37 281	6 351	928	147	15 459	3 123	63 465	3 337	9 744	16 211	23 795	11 350	63 465	
1998 Q4	38 078	6 756	859	112	15 792	2 718	64 450	3 721	10 247	16 462	23 141	11 462	64 450	
1999 Q1	37 589	6 900	755	168	15 547	3 269	64 444	3 796	10 391	16 107	23 321	11 096	64 444	
1999 Q2	36 916	6 684	941	132	16 323	2 988	63 676	3 421	10 149	17 097	23 296	10 940	63 676	
1999 Q3	38 385	6 560	613	187	16 764	3 556	65 920	3 597	10 798	17 176	24 248	11 124	65 920	
1999 Q4	37 244	6 568	832	194	16 465	3 870	64 915	3 719	9 936	17 118	24 311	11 188	64 915	
2000 Q1	38 784	6 569	566	155	17 267	4 134	67 282	3 340	11 007	17 620	24 866	11 767	67 282	
2000 Q2	41 381	6 816	710	184	17 155	4 199	70 660	3 347	13 837	17 677	23 531	12 055	70 660	
2000 Q3	38 105	6 103	739	123	16 772	2 586	64 661	3 013	10 720	17 327	21 686	11 976	64 661	
2000 Q4	39 475	6 945	774	144	16 588	3 667	67 644	3 792	11 410	17 184	23 716	12 077	67 644	
2001 Q1	39 962	6 157	1 004	244	16 571	3 774	67 895	3 339	11 753	17 429	23 997	11 846	67 895	
2001 Q2	40 762	7 395	1 144	237	16 437	3 969	70 147	4 577	11 225	17 446	25 484	11 959	70 147	
2001 Q3	39 545	8 144	1 160	264	17 167	4 055	70 145	4 326	11 574	18 193	24 603	11 907	70 145	
2001 Q4	37 981	8 681	1 185	255	16 965	3 686	68 353	3 702	12 236	18 010	22 542	11 953	68 353	
2002 Q1	37 969	7 690	1 394	286	17 741	3 842	68 255	3 868	11 860	18 994	22 294	11 737	68 255	
2002 Q2	38 869	6 179	1 064	291	18 734	4 001	68 774	4 504	11 397	19 629	21 525	11 746	68 774	
2002 Q3	39 075	9 308	1 004	306	19 097	4 409	72 370	4 322	12 726	20 016	23 657	12 267	72 370	
2002 Q4	41 227	9 656	1 542	554	20 454	4 536	76 836	4 458	12 293	21 810	25 814	12 477	76 836	
2003 Q1	41 376	9 916	1 944	517	18 545	3 996	75 785	4 138	12 823	20 373	26 004	12 824	75 785	
2003 Q2	39 283	8 052	1 261	408	19 377	4 094	71 721	3 673	11 811	20 584	22 974	13 172	71 721	
2003 Q3	38 475	9 580	1 356	399	19 792	4 200	72 777	4 140	12 105	20 969	22 700	13 202	72 777	
2003 Q4	38 321	9 105	1 303	407	20 596	4 420	72 877	4 009	11 262	21 713	23 885	13 019	72 877	
2004 Q1	38 982	9 666	1 219	434	20 949	5 189	75 131	3 798	12 062	21 994	25 684	12 953	75 131	
2004 Q2	36 727	10 854	1 281	584	20 616	5 186	73 795	4 000	12 241	21 719	23 639	13 264	73 795	
2004 Q3	37 003	11 135	1 213	487	21 232	4 705	74 199	3 770	11 863	22 234	23 977	13 564	74 199	
2004 Q4	37 207	11 222	1 231	452	21 244	4 275	74 042	3 698	12 032	22 270	23 702	13 590	74 042	
2005 Q1	37 450	13 717	1 162	278	20 870	4 243	76 177	3 650	13 055	21 837	24 594	14 089	76 177	
2005 Q2	60 200	- 10 951	1 237	364	21 169	4 608	77 906	3 680	13 391	22 171	24 694	14 284	77 906	
2005 Q3	40 057	11 912	1 292	440	20 805	5 103	78 427	3 850	13 186	21 872	26 174	14 279	78 427	
2005 Q4	40 584	11 466	1 294	457	20 393	5 917	79 162	4 075	13 420	21 469	26 510	14 467	79 162	
2006 Q1	40 974	11 037	1 506	514	20 412	6 402	80 009	4 534	13 713	21 713	26 663	14 105	80 009	
2006 Q2	41 567	11 145	1 175	393	20 135	5 748	79 346	4 124	13 891	21 078	26 878	14 024	79 346	
2006 Q3	43 576	11 335	1 302	423	19 587	5 787	81 357	4 797	14 273	20 684	27 771	14 315	81 357	
2006 Q4	43 679	11 283	1 230	414	19 625	6 174	81 829	4 937	14 150	20 642	28 098	14 459	81 829	
2007 Q1	44 389	10 300	1 280	429	20 243	6 110	82 108	4 661	14 708	21 295	27 324	14 614	82 108	
2007 Q2	46 502	11 171	1 155	372	20 008	5 900	84 577	4 832	14 575	20 932	29 720	14 707	84 577	
2007 Q3	43 478	10 990	1 129	374	19 163	6 574	81 157	4 232	15 130	20 073	27 519	14 560	81 157	
2007 Q4	47 241	12 988	1 128	321	19 242	6 211	86 734	4 042	15 687	20 155	31 926	15 109	86 734	
2008 Q1	42 756	12 970	1 195	319	18 698	6 039	81 451	3 535	14 481	19 696	28 961	15 202	81 451	
2008 Q2	44 493	12 977	1 153	300	17 951	6 262	82 729	3 953	15 264	18 916	29 665	15 315	82 729	
2008 Q3	42 355	13 564	2 477	203	14 636	4 339	77 270	3 632	14 440	17 113	26 980	15 400	77 270	
2008 Q4	43 545	14 301	2 457	148	14 050	3 350	75 507	3 929	13 436	16 516	26 253	15 512	75 507	
2009 Q1	37 467	14 661	2 430	121	12 785	3 666	70 888	3 305	12 285	15 241	24 968	15 227	70 888	
2009 Q2	36 307	13 720	2 379	149	11 898	4 227	68 568	4 065	10 883	14 381	23 988	15 169	68 568	
2009 Q3	35 436	15 348	2 406	178	11 897	4 610	69 772	3 876	11 158	14 312	25 028	15 335	69 772	
2009 Q4	35 195	14 990	2 445	191	10 956	4 640	68 381	3 548	10 655	13 461	25 260	15 346	68 381	
2010 Q1	36 477	15 612	2 424	157	11 623	3 876	70 069	4 041	10 619	14 087	25 184	16 053	70 069	
2010 Q2	35 875	14 642	2 409	175	12 752	4 665	70 348	3 612	11 329	15 196	23 737	16 415	70 348	
2010 Q3	37 167	14 910	2 388	180	13 277	5 125	72 850	4 318	11 411	15 691	24 972	16 420	72 850	
2010 Q4	39 318	14 723	2 341	165	13 209	4 583	74 212	6 115	11 623	15 570	24 038	16 581	74 212	
2011 Q1	35 783	15 420	2 361	150	12 947	4 583	70 987	2 576	11 534	15 338	25 445	16 335	70 987	
2011 Q2	36 608	13 605	2 293	129	13 103	4 371	69 959	2 535	11 861	15 418	24 196	16 102	69 959	
2011 Q3	37 760	13 784	2 176	123	13 042	4 176	70 947	2 383	12 170	15 233	24 572	16 732	70 947	
2011 Q4	39 190	13 232	2 132	125	13 385	4 505	72 512	3 094	12 575	15 509	24 741	16 637	72 512	
2012 Q1	39 813	13 680	2 096	118	13 311	4 631	73 615	3 722	12 756	15 386	24 994	16 660	73 615	
2012 Q2	38 377	13 683	2 066	117	12 696	4 581	71 412	2 065	12 336	16 847	25 617	16 760	71 412	
2012 Q3	38 961	12 129	2 002	118	12 668	4 517	70 351	2 054	12 087	14 729	24 953	16 733	70 351	
2012 Q4	42 322	12 353	1 965	115	13 036	4 764	74 630	3 198	12 919	15 040	26 313	17 216	74 630	
2013 Q1	39 954	11 601	1 905	134	13 051	5 008	71 689	2 260	12 722	14 957	24 668	17 188	71 689	
2013 Q2	41 024	12 447	1 898	121	14 185	5 124	74 761	2 462	12 328	16 078	26 861	17 264	74 761	
2013 Q3	41 895	12 759	1 877	138	14 364	5 545	76 581	3 193	12 838	16 235	27 338	17 125	76 581	
2013 Q4	41 820	13 051	1 861	149	14 293	5 866								

Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector								Asset							
	Public corporations ²				Private sector											
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL			
								Transport equipment S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ S.1 AN.111	S.1 AN.112 AN.116					
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q			
1997 Q2	6.5	-7.3	-33.2	23.3	-0.4	25.9	4.4	-1.8	6.1	-3.2	9.9	2.9	4.4			
1997 Q3	4.7	12.9	-11.9	-26.5	2.3	-18.1	3.6	6.3	7.7	1.4	0.7	3.9	3.6			
1997 Q4	2.0	-3.0	1.6	-9.7	7.7	15.1	3.0	-4.0	2.5	7.4	2.6	3.0	3.0			
1998 Q1	3.2	5.5	10.8	-11.5	-9.1	-16.1	0.6	24.0	-4.0	-8.2	2.6	2.3	0.6			
1998 Q2	0.7	2.5	4.4	7.0	2.1	16.2	1.7	-10.6	8.0	2.2	-0.2	1.8	1.7			
1998 Q3	0.8	-3.4	5.3	19.5	-2.9	8.7	0.4	-2.3	-3.1	-2.4	4.1	2.0	0.4			
1998 Q4	2.1	6.4	-7.4	-23.8	2.2	-13.0	1.6	11.5	5.2	1.5	-2.7	1.0	1.6			
1999 Q1	-1.3	2.1	-12.1	50.0	-1.6	20.3	0.0	2.0	1.4	-2.2	0.8	-3.2	0.0			
1999 Q2	-1.8	-3.1	24.6	-21.4	5.0	-8.6	-1.2	-9.9	-2.3	6.1	-0.1	-1.4	-1.2			
1999 Q3	4.0	-1.9	-34.9	41.7	2.7	19.0	3.5	5.1	6.4	0.5	4.1	1.7	3.5			
1999 Q4	-3.0	0.1	35.7	3.7	-1.8	8.8	-1.5	3.4	-8.0	-0.3	0.3	0.6	-1.5			
2000 Q1	4.1	0.0	-32.0	-20.1	4.9	6.8	3.6	-12.9	10.8	2.9	2.3	5.2	3.6			
2000 Q2	6.7	3.8	25.4	18.7	-0.6	1.6	5.0	3.3	25.7	0.3	-5.4	2.4	5.0			
2000 Q3	-7.9	-10.5	4.1	-33.2	-2.2	-38.4	-8.5	-10.0	-22.5	-2.0	-7.8	-0.7	-8.5			
2000 Q4	3.6	13.8	4.7	17.1	-1.1	41.8	4.6	25.9	6.4	-0.8	9.4	0.8	4.6			
2001 Q1	1.2	-11.3	29.7	69.4	-0.1	2.9	0.4	-11.9	3.0	1.4	1.2	-1.9	0.4			
2001 Q2	2.0	20.1	13.9	-2.9	-0.8	5.2	3.3	37.1	-4.5	0.1	6.2	1.0	3.3			
2001 Q3	-3.0	10.1	1.4	11.4	4.4	2.2	0.0	-5.5	3.1	4.3	-3.5	-0.4	0.0			
2001 Q4	-4.0	6.6	2.2	-3.4	-1.2	-9.1	-2.6	-14.4	5.7	-1.0	-8.4	0.4	-2.6			
2002 Q1	0.0	-11.4	17.6	12.2	4.6	4.2	-0.1	4.5	-3.1	5.5	-1.1	-1.8	-0.1			
2002 Q2	2.4	-19.6	-23.7	1.7	5.6	4.1	0.8	16.4	-3.9	3.3	-3.4	0.1	0.8			
2002 Q3	0.5	50.6	3.4	5.2	1.9	10.2	5.2	-4.0	11.7	2.0	9.9	4.4	5.2			
2002 Q4	5.5	3.7	40.2	81.0	7.1	2.9	6.2	3.1	4.5	9.0	9.1	1.7	6.2			
2003 Q1	0.4	2.7	26.1	-6.7	-9.3	-11.9	-1.4	-5.8	-3.5	-6.6	0.7	2.8	-1.4			
2003 Q2	-5.1	-18.8	-35.1	-21.1	4.5	2.5	-5.4	-12.5	-7.9	1.0	-11.7	2.7	-5.4			
2003 Q3	-2.1	19.0	7.5	2.2	2.1	2.6	1.5	12.7	2.5	1.9	-1.2	0.2	1.5			
2003 Q4	-0.4	-5.0	-3.9	2.0	4.1	5.2	0.1	-3.2	-7.0	3.5	5.2	-1.4	0.1			
2004 Q1	1.7	6.2	6.4	6.6	1.7	17.4	3.1	-5.3	7.1	1.3	7.5	-0.5	3.1			
2004 Q2	-5.8	12.3	5.1	34.6	-1.6	-0.1	-1.8	5.3	1.5	-1.3	-8.0	2.4	-1.8			
2004 Q3	0.8	2.6	-5.3	-16.6	3.0	-9.3	0.5	-5.8	-3.1	2.4	1.4	2.3	0.5			
2004 Q4	0.6	0.8	1.5	-7.2	0.1	-9.1	-0.2	-1.9	1.4	0.2	-1.1	0.2	-0.2			
2005 Q1	0.7	22.2	-5.6	-38.5	-1.8	-0.7	2.9	-1.3	8.5	-1.9	3.8	3.7	2.9			
2005 Q2	60.7	-179.8	6.5	30.9	1.4	8.6	2.3	0.8	2.6	1.5	0.4	1.4	2.3			
2005 Q3	-33.5	-208.8	4.4	20.9	-1.7	10.7	0.7	4.6	-1.5	-1.3	6.0	0.0	0.7			
2005 Q4	1.3	-3.7	0.2	3.9	-2.0	16.0	0.9	5.8	1.8	-1.8	1.3	1.3	0.9			
2006 Q1	1.0	-3.7	16.4	12.5	0.1	8.2	1.1	11.3	2.2	1.1	0.6	-2.5	1.1			
2006 Q2	1.4	1.0	-22.0	-23.5	-1.4	-10.2	-0.8	-9.0	1.3	-2.9	0.8	-0.6	-0.8			
2006 Q3	4.8	1.7	10.8	7.6	-2.7	0.7	2.5	16.3	2.7	-1.9	3.3	2.1	2.5			
2006 Q4	0.2	-0.5	-5.5	-2.1	0.2	6.7	0.6	2.9	-0.9	-0.2	1.2	1.0	0.6			
2007 Q1	1.6	-8.7	4.1	3.6	3.1	-1.0	0.3	-5.6	3.9	3.2	-2.8	1.1	0.3			
2007 Q2	4.8	8.5	-9.8	-13.3	-1.2	-3.4	3.0	3.7	-0.9	-1.7	8.8	0.6	3.0			
2007 Q3	-6.5	-1.6	-2.3	0.5	-4.2	11.4	-4.0	-12.4	3.8	-4.1	-7.4	-1.0	-4.0			
2007 Q4	8.7	18.2	-0.1	-14.2	0.4	-5.5	6.9	-4.5	3.7	0.4	16.0	3.8	6.9			
2008 Q1	-9.5	-0.1	5.9	-0.6	-2.8	-2.8	-6.1	-12.5	-7.7	-2.3	-9.3	0.6	-6.1			
2008 Q2	4.1	0.1	-3.5	-6.0	-4.0	3.7	1.6	11.8	5.4	-4.0	2.4	0.7	1.6			
2008 Q3	-4.8	4.5	114.8	-32.3	-18.5	-30.7	-6.6	-8.1	-5.4	-9.5	-9.1	0.6	-6.6			
2008 Q4	-1.9	5.4	-0.8	-27.1	-4.0	-22.8	-2.3	8.2	-7.0	-3.5	-2.7	0.7	-2.3			
2009 Q1	-9.8	2.5	-1.1	-18.2	-9.0	9.4	-6.1	-15.9	-8.6	-7.7	-4.9	-1.8	-6.1			
2009 Q2	-3.1	-6.4	-2.1	23.1	-6.9	15.3	-3.3	23.0	-11.4	-5.6	-3.9	-0.4	-3.3			
2009 Q3	-2.4	11.9	1.1	19.5	0.0	9.1	1.8	-4.6	2.5	-0.5	4.3	1.1	1.8			
2009 Q4	-0.7	-2.3	1.6	7.3	-7.9	0.7	-2.0	-8.5	-4.5	-5.9	0.9	0.1	-2.0			
2010 Q1	3.6	4.1	0.9	-17.8	6.1	-16.5	2.5	13.9	-0.3	4.7	-0.3	4.6	2.5			
2010 Q2	-1.7	-6.2	-0.6	11.5	9.7	20.4	0.4	-10.6	6.7	7.9	-5.7	2.3	0.4			
2010 Q3	3.6	1.8	-0.9	2.9	4.1	9.9	3.6	19.5	0.7	3.3	5.2	0.0	3.6			
2010 Q4	5.8	-1.3	-2.0	-8.3	-0.5	-10.6	1.9	41.6	1.9	-0.8	-3.7	1.0	1.9			
2011 Q1	-9.0	4.7	0.9	-9.1	-2.0	0.0	-4.3	-57.9	-0.8	-1.5	5.9	-1.5	-4.3			
2011 Q2	2.3	-11.8	-2.9	-14.0	1.2	-4.6	-1.4	-1.6	2.8	0.5	-4.9	-1.4	-1.4			
2011 Q3	3.1	1.3	-5.1	-4.7	-0.5	-4.5	1.4	-6.0	2.6	-1.2	1.6	3.9	1.4			
2011 Q4	3.8	-4.0	-2.0	1.6	2.6	7.9	2.2	29.8	3.3	1.8	0.7	-0.6	2.2			
2012 Q1	1.6	3.4	-1.7	-5.6	-0.6	2.8	1.5	20.3	1.4	-0.8	1.0	0.1	1.5			
2012 Q2	-3.6	0.0	-1.4	-0.8	-4.6	-1.1	-3.0	-44.5	-3.3	-3.5	2.5	0.6	-3.0			
2012 Q3	1.5	-11.4	-3.1	0.9	-0.2	-1.4	-1.5	-0.5	-2.0	-0.8	-2.6	-0.2	-1.5			
2012 Q4	8.6	1.8	-1.8	-2.5	2.9	5.5	6.1	55.7	6.9	2.1	5.5	2.9	6.1			
2013 Q1	-5.6	-6.1	-3.1	16.5	0.1	5.1	-3.9	-29.3	-1.5	-0.6	-6.3	-0.2	-3.9			
2013 Q2	2.7	7.3	-0.4	-9.7	8.7	2.3	4.3	8.9	-3.1	7.5	8.9	0.4	4.3			
2013 Q3	2.1	2.5	-1.1	14.0	1.3	8.2	2.4	29.7	4.1	1.0	1.8	-0.8	2.4			
2013 Q4	-0.2	2.3	-0.9	8.0	-0.5	5.8	0.6	3.0	0.2	-0.5	1.5	0.0	0.6			
2014 Q1	1.6	13.4	3.0	11.4	1.8	-3.1	3.3	5.8	3.3	1.9	3.6	3.4	3.3			
2014 Q2	3.7	-15.2	13.0	-3.0	-2.8	11.2	-0.2	21.8	4.5	-0.9	-4.1	-1.5	-0.2			
2014 Q3	-0.3	4.0	4.3	8.1	2.6	-1.1	0.9	6.4	-0.4	2.9	0.1	0.1	0.9			
2014 Q4	2.2	1.2	1.9	-2.3	-2.6	-2.6	0.8	2.7	-2.2	-2.0	1.8	3.6	0.8			
2015 Q1	4.0	6.2	-1.3	10.6	-0.1	-7.5	2.6	35.9	-2.3	-0.3	4.9	-3.3	2.6			
2015 Q2	0.4	-8.3	-15.0	-19.1	7.0	9.5	0.2	-28.0	-0.6	3.9	2.2	4.6	0.2			
2015 Q3	-0.5	-5.0	5.4	17.1	-1.7	1.1	-1.1	-12.6	1.4	-0.9	-0.6	-0.9	-1.1			
2015 Q4	2.5	-1.1	0.4	-1.1	0.8	3.6	1.6	35.7	7.3	0.7	-3.6	-0.6	1.6			
2016 Q1	1.5	1.1	1.5	-10.8	1.0	6.5	1.7	15.2	-0.5	1.2	0.5	1.6	1.7			
2016 Q2	1.0	8.4	2.0	40.8	-0.3	-11.4	0.9	-4.1	0.3	-0.1	3.2	0.5	0.9			
2016 Q3	1.6	2.7	-2.3	-23.5	1.1	-1.2	1.3	17.4	-1.2	0.7	0.3	0.2	1.3			
2016 Q4	-1.9	-2.3	5.6	5.9	1.9	5.4	-0.6	-20.3	-4.1	2.3	3.6	0.1	-0.6			
2017 Q1	2.3	-0.3	-0.6	-5.6	3.8	-25.3	0.0	1.9	13.6	3.3	-6.6	-2.3	0.0			
2017 Q2	1.2	5.2	3.1	29.0	-0.5	-1.7	1.4	5.3	7.3	-0.1	-1.5	1.4	1.4			
2017 Q3	0.2	-3.1	-3.5	-11.5	1.1	-2.0	-0.4	-3.7	-4.6	0.6	1.2	1.1	-0.4			
2017 Q4	0.2	1.4	-18.6	-2.6	7.2	-1.7	1.1	-12.8	0.0	4.2	1.8	2.3	1.1			
2018 Q1	-0.8	-4.0	-33.4	-8.5	3.3	-0.9	-1.2	-3.8	-2.1	0.0	-3.7	3.0	-1.2			
2018 Q2	-0.8	1.9	-3.3	16.3	0.6	-2.9	-0.2	-12.8	0.5	0.3	-0.6	2.2	-0.2			
2018 Q3	-0.9	5.9	-10.1	-7.0	-0.1	1.7	0.3	-12.8	0.9	-0.6	2.3	0.8	0.3			
2018 Q4	-0.6	0.9	2.6	-2.7	0.3	-0.6	-0.1	6.6	-0.3	0.4	0.0	-1.8	-0.1			
2019 Q1	1.1	1.5	-0.7	-6.1	1.1	-0.4	1.0	-7.8	-1.2	1.0	2.5					

Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector			Non-produced assets						
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	Transport equipment AN.1131	ICT equipment and other machinery and equipment ⁵ AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	Intellectual property products S.1 AN.117	Total S.1 TOTAL	
KG75	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T		
1998 Q1	17.5	7.1	-33.8	-27.7	-0.4	-0.4	11.9	24.3	12.4	-3.2	16.5	12.8	11.9	
1998 Q2	11.1	18.4	3.5	-37.2	2.2	-8.1	9.1	13.0	14.5	2.3	5.9	11.5	9.1	
1998 Q3	6.9	1.4	23.7	2.1	-3.0	21.9	5.8	3.9	3.0	-1.6	9.4	9.4	5.8	
1998 Q4	7.0	11.2	12.7	-13.8	-7.9	-7.8	4.3	20.7	5.6	-7.0	3.7	7.3	4.3	
1999 Q1	2.4	7.6	-10.5	46.1	-0.3	32.1	3.7	-0.7	11.6	-0.9	1.8	1.5	3.7	
1999 Q2	-0.2	1.7	6.8	7.3	2.5	4.0	0.7	0.2	0.9	2.9	1.9	-1.7	0.7	
1999 Q3	3.0	3.3	-33.9	27.2	8.4	13.9	3.9	7.8	10.8	6.0	1.9	-2.0	3.9	
1999 Q4	-2.2	-2.8	-3.1	73.2	4.3	42.4	0.7	-0.1	-3.0	4.0	5.1	-2.4	0.7	
2000 Q1	3.2	-4.8	-25.0	-7.7	11.1	26.5	4.4	-14.6	5.9	9.4	6.6	6.0	4.4	
2000 Q2	12.1	2.0	-24.5	39.4	5.1	40.5	11.0	-2.2	36.3	3.4	1.0	10.2	11.0	
2000 Q3	-0.7	-7.0	20.6	-34.2	0.0	-27.3	-1.9	-16.2	-0.7	0.9	-10.6	7.7	-1.9	
2000 Q4	6.0	5.7	-7.0	-25.8	0.7	-5.2	4.2	2.0	14.8	0.4	-2.4	7.9	4.2	
2001 Q1	3.0	-6.3	77.4	57.4	-4.0	-8.7	0.9	3.1	6.8	-1.1	-3.5	0.7	0.9	
2001 Q2	-1.5	8.5	61.1	28.8	-4.2	-5.5	-0.7	36.7	-18.9	-1.3	8.3	-0.8	-0.7	
2001 Q3	3.8	33.4	57.0	114.6	2.4	56.8	8.5	43.6	8.0	5.0	13.5	-0.6	8.5	
2001 Q4	-3.8	25.0	53.1	77.1	2.3	0.5	1.0	-2.4	7.2	4.8	-5.0	-1.0	1.0	
2002 Q1	-5.0	24.9	38.8	17.2	7.1	1.8	0.5	15.8	0.9	9.0	-7.1	-0.9	0.5	
2002 Q2	-4.6	-16.4	-7.0	22.8	14.0	0.8	-2.0	-1.6	1.5	12.5	-15.5	-1.8	-2.0	
2002 Q3	-1.2	14.3	-5.2	15.9	11.2	8.7	3.2	-0.1	10.0	10.0	-3.8	3.0	3.2	
2002 Q4	8.5	11.2	30.1	117.3	20.6	23.1	12.4	20.4	8.6	21.1	14.5	4.4	12.4	
2003 Q1	9.0	28.9	39.5	80.8	4.5	4.0	11.0	8.5	8.1	7.3	16.6	9.3	11.0	
2003 Q2	1.1	30.3	18.5	40.2	3.4	2.3	4.3	-18.5	3.6	4.9	6.7	12.1	4.3	
2003 Q3	-1.5	2.9	23.3	30.4	3.6	-4.7	0.6	-4.2	-4.9	4.8	-4.0	7.6	0.6	
2003 Q4	-7.0	-5.7	-15.5	-26.5	0.7	-2.6	-5.2	-10.1	-15.3	4.4	-7.5	4.3	-5.2	
2004 Q1	-5.8	-2.5	-37.3	-16.1	13.0	29.9	-0.9	-9.5	-5.9	8.0	-1.2	1.0	-0.9	
2004 Q2	-6.5	34.8	1.6	43.1	6.4	26.7	2.9	8.9	3.6	5.5	2.9	0.7	2.9	
2004 Q3	-3.8	16.2	-10.5	22.1	7.3	12.0	2.0	-8.9	-2.0	6.0	5.6	2.7	2.0	
2004 Q4	-2.9	23.3	-5.5	11.1	3.1	-3.3	1.6	-7.8	6.8	2.6	-0.8	4.4	1.6	
2005 Q1	-3.9	41.9	-4.7	-35.9	-0.4	-18.2	1.4	-3.9	8.2	-0.7	-4.2	8.8	1.4	
2005 Q2	63.9	-200.9	-3.4	-37.7	2.7	-11.1	5.6	-8.0	9.4	2.1	4.5	7.7	5.6	
2005 Q3	8.3	7.0	6.5	-9.7	-2.0	8.5	5.7	2.1	11.2	-1.6	9.2	5.3	5.7	
2005 Q4	9.1	2.2	5.1	1.1	-4.0	38.4	6.9	10.2	11.5	-3.6	11.8	6.5	6.9	
2006 Q1	9.4	-19.5	29.6	84.9	-2.2	50.9	5.0	24.2	5.0	-0.6	8.4	0.1	5.0	
2006 Q2	-31.0	-201.8	-5.0	8.0	-4.9	24.7	1.8	12.1	3.7	-4.9	8.8	-1.8	1.8	
2006 Q3	8.8	-4.8	0.8	-3.9	-5.9	13.4	3.7	24.6	8.2	-5.4	6.1	0.3	3.7	
2006 Q4	7.6	-1.6	-4.9	-9.4	-3.8	4.3	3.4	21.2	5.4	-3.9	6.0	-0.1	3.4	
2007 Q1	8.3	-6.7	-15.0	-16.5	-0.8	-4.6	2.6	2.8	7.3	-1.9	2.5	3.6	2.6	
2007 Q2	11.9	0.2	-1.7	-5.3	-0.6	2.6	6.6	17.2	4.9	-0.7	10.6	4.9	6.6	
2007 Q3	-0.2	-3.0	-13.3	-11.6	-2.2	13.6	-0.2	-11.8	6.0	-3.0	-0.9	1.7	-0.2	
2007 Q4	8.2	15.1	-8.3	-22.5	-2.0	0.6	6.0	-18.1	10.9	-2.4	13.6	4.5	6.0	
2008 Q1	-3.7	25.9	-6.6	-25.6	-7.6	-1.2	-0.8	-24.2	-1.5	-7.5	6.0	4.0	-0.8	
2008 Q2	-4.3	16.2	-0.2	-19.4	-10.3	6.1	-2.2	-18.2	4.7	-9.6	-0.2	4.1	-2.2	
2008 Q3	-2.6	23.4	119.4	-45.7	-23.6	-34.0	-4.8	-14.2	-4.6	-14.7	-2.0	5.8	-4.8	
2008 Q4	-12.1	10.1	117.8	-53.9	-27.0	-46.1	-12.9	-2.8	-14.3	-18.1	-17.8	2.7	-12.9	
2009 Q1	-12.4	13.0	103.3	-62.1	-31.6	-39.3	-13.0	-6.5	-15.2	-22.6	-13.8	0.2	-13.0	
2009 Q2	-18.4	5.7	106.3	-50.3	-33.7	-32.5	-17.1	2.8	-28.7	-24.0	-19.1	-1.0	-17.1	
2009 Q3	-16.3	13.2	-2.9	-12.3	-18.7	6.2	-9.7	6.7	-22.7	-16.4	-7.2	-0.4	-9.7	
2009 Q4	-15.3	4.8	-0.5	29.1	-22.0	38.5	-9.4	-9.7	-20.7	-18.5	-3.8	-1.1	-9.4	
2010 Q1	-2.6	6.5	-0.2	29.8	-9.1	5.7	-1.2	22.3	-13.6	-7.6	0.9	5.4	-1.2	
2010 Q2	-1.2	6.7	1.3	17.4	7.2	10.4	2.6	-11.1	4.1	5.7	-1.0	8.2	2.6	
2010 Q3	4.9	-2.9	-0.7	1.1	11.6	11.2	4.4	11.4	2.3	9.6	-0.2	7.1	4.4	
2010 Q4	11.7	-1.8	-4.3	-13.6	20.6	-1.2	8.5	72.4	9.1	15.7	-4.8	8.0	8.5	
2011 Q1	-1.9	-1.2	-2.6	-4.5	11.4	18.2	1.3	-36.3	8.6	8.9	1.0	1.8	1.3	
2011 Q2	2.0	-7.1	-4.8	-26.3	2.8	-6.3	-0.6	-29.8	4.7	1.5	1.9	-1.9	-0.6	
2011 Q3	1.6	-7.6	-8.9	-31.7	-1.8	-18.5	-2.6	-44.8	6.7	-2.9	-1.6	1.9	-2.6	
2011 Q4	-0.3	-10.1	-8.9	-24.2	1.3	-1.7	-2.3	-49.4	8.2	-0.4	2.9	0.3	-2.3	
2012 Q1	11.3	-11.3	-11.2	-21.3	2.8	1.0	3.7	44.5	10.6	0.3	-1.8	2.0	3.7	
2012 Q2	4.8	0.6	-9.9	-9.3	-3.1	4.8	2.1	-18.5	4.0	-3.7	5.9	4.1	2.1	
2012 Q3	3.2	-12.0	-8.0	-4.1	-2.9	8.2	-0.8	-13.8	-0.7	-3.3	1.6	0.0	-0.8	
2012 Q4	8.0	-6.6	-7.8	-8.0	-2.6	5.7	2.9	3.4	2.7	-3.0	6.4	3.5	2.9	
2013 Q1	0.4	-15.2	-9.1	13.6	-2.0	8.1	-2.6	-39.3	-0.3	-2.8	-1.3	3.2	-2.6	
2013 Q2	6.9	-9.0	-8.1	3.4	11.7	11.9	4.7	19.2	-0.1	8.3	4.9	3.0	4.7	
2013 Q3	7.5	5.2	-6.2	16.9	13.4	22.8	8.9	55.5	6.2	10.2	9.6	2.3	8.9	
2013 Q4	-1.2	5.7	-5.3	29.6	9.6	23.1	3.2	2.8	-0.5	7.4	5.4	-0.5	3.2	
2014 Q1	6.3	27.6	0.6	23.9	11.4	13.5	10.9	53.9	4.4	10.0	16.5	3.0	10.9	
2014 Q2	7.3	0.8	14.1	33.1	-0.4	23.4	6.2	72.1	12.6	1.4	2.7	1.0	6.2	
2014 Q3	4.8	2.3	20.4	26.1	1.0	12.8	4.6	41.1	7.7	3.3	0.9	1.9	4.6	
2014 Q4	7.3	1.2	23.7	14.1	-1.1	3.8	4.9	40.7	5.2	1.8	1.3	5.5	4.9	
2015 Q1	9.8	-5.2	18.5	13.3	-2.9	-0.9	4.2	80.7	-0.5	-0.4	2.6	-1.3	4.2	
2015 Q2	6.4	2.5	-10.9	-5.6	6.9	-2.5	4.6	6.9	-5.4	4.5	9.3	4.9	4.6	
2015 Q3	6.2	-6.3	-10.0	2.3	2.3	-0.4	2.5	-12.2	-3.7	0.7	8.5	3.9	2.5	
2015 Q4	6.5	-8.4	-12.0	3.5	5.9	6.0	3.4	16.0	5.6	3.3	2.7	-0.3	3.4	
2016 Q1	3.9	-12.8	-9.5	-16.5	7.0	22.1	2.4	-1.6	7.5	4.8	-1.6	4.8	2.4	
2016 Q2	4.5	3.0	8.7	45.4	-0.3	-1.2	3.1	31.0	8.6	0.8	-0.7	0.7	3.1	
2016 Q3	6.7	11.4	0.7	-5.1	2.6	-3.5	5.7	76.0	5.9	2.4	0.2	1.7	5.7	
2016 Q4	2.1	10.0	6.8	1.7	3.7	-1.8	3.4	3.4	-5.4	4.1	7.7	2.4	3.4	
2017 Q1	3.0	8.4	4.6	7.6	6.7	-31.2	1.7	-8.6	8.1	6.2	0.1	-1.5	1.7	
2017 Q2	3.1	5.2	5.7	-1.4	6.4	-23.6	2.2	0.3	15.6	6.3	-4.5	-0.6	2.2	
2017 Q3	1.7	-0.7	4.5	14.2	6.4	-24.2	0.5	-17.7	11.5	6.1	-3.6	0.3	0.5	
2017 Q4	3.9	3.0	-19.4	5.0	12.0	-29.3	2.2	-9.9	16.2	8.1	-5.3	2.5	2.2	
2018 Q1	0.7	-0.8	-46.0	1.8	11.5	-6.1	1.0	-14.9	0.2	4.7	-2.3	8.1	1.0	
2018 Q2	-1.2	-3.8	-49.4	-8.3	12.7	-7.3	-0.7	-29.5	-6.1	5.1	-1.3	8.8	-0.7	
2018 Q3	-2.4	5.1	-52.9	-3.6	11.4	-3.8	0.0	-36.2	-0.7	3.9	-0.3	8.6	0.0	
2018 Q4	-3.1	4.6	-40.6	-3.7	4.1	-2.8	-1.2	-22.0	-1.0	0.0	-2.0	4.2	-1.2	
2019 Q1	-1.2	10.6	-11.4	-1.2	1.9	-2.3	1.0	-25.3	-0.1	1.1	4.2	3.6	1.0	
2019 Q2	0.1	3.3	-4.8	-6.0	1.3	-1.5	0.7	9.8	-12.5	0.9	5.9	1.5	0.7	
2019 Q3	1.7	-2.6	3.3	-1.6	1.8	-2.5	0.8	18.0	-5.8	1.8	1.0	1.6	0.8	

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			ICT equipment and other machinery and equipment ⁵													
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total										
												S.1NG	S.13	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									
NPQL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT									
1997	134 998	23 880	3 637	629	64 314	11 118	235 224	12 391	36 232	67 197	85 311	40 732	235 224								
1998	149 063	26 092	3 512	497	62 761	11 189	253 267	14 295	39 366	65 532	92 702	44 873	253 267								
1999	150 134	26 712	3 141	681	65 099	13 683	258 955	14 533	41 274	67 498	95 176	44 348	258 955								
2000	157 745	26 433	2 789	606	67 782	14 586	270 247	13 392	46 974	69 808	93 799	47 875	270 247								
2001	158 250	30 377	4 493	1 000	67 140	15 484	276 540	15 944	46 788	71 078	96 626	47 665	276 540								
2002	157 140	32 833	5 100	1 437	76 026	16 788	286 235	17 152	49 276	80 449	93 290	48 227	286 235								
2003	157 455	36 653	5 864	1 731	78 310	16 710	293 160	16 020	48 001	83 639	95 563	52 217	293 160								
2004	149 919	42 877	4 944	1 957	84 041	19 355	297 167	15 266	48 198	88 217	97 002	53 371	297 167								
2005	178 291	26 144	4 985	1 539	83 237	19 871	311 672	15 255	53 052	87 349	101 972	57 119	311 672								
2006	169 796	44 800	5 213	1 744	79 759	24 111	322 541	18 392	56 027	84 117	109 410	56 903	322 541								
2007	181 610	45 449	4 692	1 496	78 656	24 795	334 576	17 767	60 100	82 455	116 489	58 990	334 576								
2008	171 149	53 812	7 282	970	65 335	19 990	316 957	15 049	57 621	72 241	111 859	61 429	316 957								
2009	144 405	58 719	9 660	639	47 536	17 143	277 609	14 794	44 981	57 395	99 244	61 077	277 609								
2010	148 837	59 887	9 562	677	50 861	18 249	287 479	18 086	44 982	60 544	97 931	65 469	287 479								
2011	149 341	56 041	8 962	527	52 477	17 635	284 405	10 588	48 140	61 498	98 954	65 806	284 405								
2012	159 473	51 845	8 129	468	51 711	18 493	290 008	11 039	50 098	60 002	101 877	67 369	290 008								
2013	164 693	49 858	7 541	542	55 893	21 543	300 053	11 203	50 747	63 418	106 603	68 707	300 053								
2014	175 258	53 619	8 644	671	57 308	24 347	319 835	16 845	54 539	65 955	112 004	70 654	319 835								
2015	187 908	51 220	8 260	694	59 020	24 480	331 615	20 137	53 966	67 280	118 409	71 920	331 615								
2016	195 973	52 418	8 362	726	60 903	25 312	343 690	24 623	56 102	69 318	120 017	73 629	343 690								
2017	201 708	54 433	8 250	768	65 719	18 428	349 306	22 332	63 289	73 969	115 956	73 760	349 306								
2018	198 681	55 120	4 326	739	72 155	17 500	348 521	16 562	62 038	76 483	114 224	79 214	348 521								
2019	199 862	55 906	4 256	720	72 705	17 035	350 484	16 585	57 360	76 961	118 377	81 201	350 484								

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

Sector								Asset						
Public corporations ²					Private sector									
		Costs of ownership transfer on non-produced assets			Costs of ownership transfer on non-produced assets			ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products		
	Business investment ¹	General Government	Dwellings ³		Dwellings ³		Total	Transport equipment		Dwellings ³			Total	
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
1998	10.4	9.3	-3.4	-21.0	-2.4	0.6	7.7	15.4	8.6	-2.5	8.7	10.2	7.7	
1999	0.7	2.4	-10.6	37.0	3.7	22.3	2.2	1.7	4.8	3.0	2.7	-1.2	2.2	
2000	5.1	-1.0	-11.2	-11.0	4.1	6.6	4.4	-7.9	13.8	3.4	-1.4	8.0	4.4	
2001	0.3	14.9	61.1	65.0	-0.9	6.2	2.3	19.1	-0.4	1.8	3.0	-0.4	2.3	
2002	-0.7	8.1	13.5	43.7	13.2	8.4	3.5	7.6	5.3	13.2	-3.5	1.2	3.5	
2003	0.2	11.6	15.0	20.5	3.0	-0.5	2.4	-6.6	-2.6	4.0	2.4	8.3	2.4	
2004	-4.8	17.0	-15.7	13.1	7.3	15.8	1.4	-4.7	0.4	5.5	1.5	2.2	1.4	
2005	18.9	-39.0	0.8	-21.4	-1.0	2.7	4.9	-0.1	10.1	-1.0	5.1	7.0	4.9	
2006	-4.8	71.4	4.6	13.3	-4.2	21.3	3.5	20.6	5.6	-3.7	7.3	-0.4	3.5	
2007	7.0	1.4	-10.0	-14.2	-1.4	2.8	3.7	-3.4	7.3	-2.0	6.5	3.7	3.7	
2008	-5.8	18.4	55.2	-35.2	-16.9	-19.4	-5.3	-15.3	-4.1	-12.4	-4.0	4.1	-5.3	
2009	-15.6	9.1	32.7	-34.1	-27.2	-14.2	-12.4	-1.7	-21.9	-20.6	-11.3	-0.6	-12.4	
2010	3.1	2.0	-1.0	5.9	7.0	6.5	3.6	22.3	0.0	5.5	-1.3	7.2	3.6	
2011	0.3	-6.4	-6.3	-22.2	3.2	-3.4	-1.1	-41.5	7.0	1.6	1.0	0.5	-1.1	
2012	6.8	-7.5	-9.3	-11.2	-1.5	4.9	2.0	4.3	4.1	-2.4	3.0	2.4	2.0	
2013	3.3	-3.8	-7.2	15.8	8.1	16.5	3.5	1.5	1.3	5.7	4.6	2.0	3.5	
2014	6.4	7.5	14.6	23.8	2.5	13.0	6.6	50.4	7.5	4.0	5.1	2.8	6.6	
2015	7.2	-4.5	-4.4	3.4	3.0	0.5	3.7	19.5	-1.1	2.0	5.7	1.8	3.7	
2016	4.3	2.3	1.2	4.6	3.2	3.4	3.6	22.3	4.0	3.0	1.4	2.4	3.6	
2017	2.9	3.8	-1.3	5.8	7.9	-27.2	1.6	-9.3	12.8	6.7	-3.4	0.2	1.6	
2018	-1.5	1.3	-47.6	-3.8	9.8	-5.0	-0.2	-25.8	-2.0	3.4	-1.5	7.4	-0.2	
2019	0.6	1.4	-1.6	-2.6	0.8	-2.7	0.6	0.1	-7.5	0.6	3.6	2.5	0.6	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ¹ ASSET ⁶	Sector										Asset						
	Public corporations ²						Private sector										
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL			
								Transport equipment S.1 AN.1131	AN.1132 AN.1139 AN.115 AN.114		AN.112 AN.116	AN.112 AN.116					
NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR					
1997 Q1	31 807	8 211	1 729	204	15 371	2 057	58 035	3 354	8 530	17 011	21 455	9 707	58 035				
1997 Q2	32 386	4 259	510	155	15 786	3 101	55 437	3 226	8 356	16 070	19 336	9 914	55 437				
1997 Q3	33 958	5 567	737	136	16 144	2 858	58 657	3 129	8 973	16 672	21 185	10 305	58 657				
1997 Q4	36 849	5 843	661	133	17 014	3 103	63 096	2 682	10 373	17 444	23 338	10 805	63 096				
1998 Q1	37 269	8 911	1 281	149	15 336	2 047	64 988	4 102	9 674	16 479	24 739	10 957	64 988				
1998 Q2	36 010	4 735	566	97	16 099	2 833	60 113	3 656	9 419	16 440	20 255	11 056	60 113				
1998 Q3	36 240	5 927	896	138	15 691	3 424	62 195	3 266	9 275	16 404	23 337	11 266	62 195				
1998 Q4	39 546	6 519	769	113	15 633	2 885	65 974	3 271	10 999	16 208	24 374	11 593	65 974				
1999 Q1	38 013	9 123	1 187	213	15 308	2 866	66 912	4 002	10 608	16 344	25 105	11 128	66 912				
1999 Q2	36 036	5 399	653	100	16 477	2 903	61 144	3 725	9 677	16 933	20 962	10 875	61 144				
1999 Q3	37 419	5 968	542	172	17 024	3 909	64 667	3 517	10 337	17 352	23 753	11 030	64 667				
1999 Q4	38 670	6 221	760	197	16 290	4 005	66 236	3 290	10 653	16 869	25 361	11 313	66 236				
2000 Q1	39 067	8 852	1 026	198	17 046	3 753	69 722	3 341	11 319	17 909	26 561	11 757	69 722				
2000 Q2	40 552	5 215	421	142	17 274	4 057	67 812	3 697	13 148	17 476	21 114	11 998	67 812				
2000 Q3	37 140	5 851	617	116	17 063	2 996	63 768	2 988	10 301	17 480	21 516	11 892	63 768				
2000 Q4	40 988	6 514	725	150	16 398	3 781	68 948	3 366	12 207	16 944	24 609	12 227	68 948				
2001 Q1	40 131	8 794	1 523	312	16 373	3 385	70 589	3 313	12 264	17 809	25 813	11 837	70 589				
2001 Q2	40 101	6 161	802	178	16 507	3 787	67 710	5 156	10 551	17 136	23 338	11 901	67 710				
2001 Q3	38 675	7 514	997	249	17 448	4 494	69 022	4 239	11 203	18 290	24 170	11 818	69 022				
2001 Q4	39 347	7 909	1 171	261	16 813	3 818	69 223	3 237	12 770	17 841	23 310	12 108	69 223				
2002 Q1	37 860	9 919	1 961	366	17 543	3 412	70 279	3 732	12 284	19 417	23 600	11 737	70 279				
2002 Q2	38 401	6 549	654	214	18 758	3 818	67 930	5 122	11 254	19 198	20 570	11 679	67 930				
2002 Q3	38 194	7 851	918	291	19 360	4 878	70 491	4 311	11 920	20 082	22 869	12 180	70 491				
2002 Q4	42 689	8 513	1 566	566	20 365	4 680	77 538	3 987	13 818	21 750	26 257	12 631	77 538				
2003 Q1	41 217	12 270	2 531	646	18 329	3 518	77 981	4 024	13 246	20 807	27 126	12 879	77 981				
2003 Q2	38 645	7 088	801	289	19 383	3 895	69 289	4 227	10 845	20 051	21 753	13 062	69 289				
2003 Q3	37 966	8 462	1 190	377	19 995	4 706	71 614	4 177	11 679	21 009	22 139	13 101	71 614				
2003 Q4	39 631	8 834	1 342	418	20 602	4 592	74 280	3 592	12 132	21 767	24 551	13 173	74 280				
2004 Q1	38 564	13 260	1 812	555	20 696	4 656	78 128	3 740	12 679	22 381	27 532	13 058	78 128				
2004 Q2	36 015	8 930	802	429	20 631	4 969	70 293	4 375	11 158	21 212	21 558	13 129	70 293				
2004 Q3	36 695	9 994	1 072	489	21 381	5 262	73 320	3 833	11 513	22 241	23 550	13 455	73 320				
2004 Q4	38 649	10 694	1 258	485	21 333	4 468	75 430	3 318	12 848	22 382	24 368	13 728	75 430				
2005 Q1	37 068	16 407	1 778	357	20 588	3 634	78 245	3 544	12 913	22 223	26 402	14 265	78 245				
2005 Q2	58 709	- 11 972	740	265	21 167	4 388	74 417	4 086	12 536	21 632	22 332	14 113	74 417				
2005 Q3	40 348	10 740	1 181	439	20 917	5 718	78 238	3 931	13 178	21 866	26 054	14 146	78 238				
2005 Q4	42 170	10 970	1 285	478	20 565	6 131	80 776	3 694	14 425	21 628	27 187	14 594	80 776				
2006 Q1	40 640	14 873	2 165	625	20 069	5 688	83 231	4 306	14 769	22 091	28 859	14 372	83 231				
2006 Q2	40 650	8 401	651	272	20 117	5 549	74 743	4 625	12 436	20 491	24 058	13 814	74 743				
2006 Q3	43 601	10 412	1 203	420	19 709	6 478	81 218	4 901	14 198	20 699	27 784	14 136	81 218				
2006 Q4	44 909	11 114	1 195	428	19 863	6 396	83 353	4 561	15 124	20 837	28 713	14 580	83 353				
2007 Q1	43 884	14 851	1 968	510	19 814	5 273	85 642	4 390	15 554	21 624	29 578	14 923	85 642				
2007 Q2	45 305	8 315	601	261	19 977	5 744	79 583	5 249	13 183	20 297	26 626	14 446	79 583				
2007 Q3	43 737	9 671	1 035	385	19 322	7 345	81 029	4 352	14 782	20 129	27 742	14 391	81 029				
2007 Q4	48 686	12 613	1 088	339	19 542	6 433	88 326	3 776	16 582	20 403	32 547	15 229	88 326				
2008 Q1	42 519	17 535	1 881	383	18 151	5 074	85 045	3 309	15 159	19 917	31 486	15 532	85 045				
2008 Q2	43 162	9 977	588	213	17 934	6 175	77 550	4 266	13 935	18 274	26 419	15 026	77 550				
2008 Q3	42 699	12 173	2 382	216	14 838	5 163	77 238	3 713	14 134	17 206	27 247	15 230	77 238				
2008 Q4	42 772	14 128	2 431	157	14 412	3 578	77 128	3 761	14 393	16 843	26 711	15 639	77 128				
2009 Q1	37 302	19 509	3 083	144	12 116	2 605	74 531	3 115	12 964	15 311	27 672	15 571	74 531				
2009 Q2	35 391	10 398	1 828	105	11 884	4 226	63 674	4 332	9 794	13 749	20 823	14 862	63 674				
2009 Q3	35 549	14 158	2 311	190	12 153	5 440	69 734	3 860	10 965	14 455	25 212	15 187	69 734				
2009 Q4	36 166	14 655	2 438	200	11 382	4 871	69 673	3 487	11 258	13 874	25 540	15 457	69 673				
2010 Q1	36 183	20 578	3 025	185	10 820	2 755	73 399	3 817	11 145	13 954	27 918	16 507	73 399				
2010 Q2	34 868	11 271	1 893	123	12 792	4 731	65 530	3 827	10 254	14 671	20 663	15 991	65 530				
2010 Q3	37 277	13 782	2 299	196	13 580	5 909	72 855	4 277	11 320	15 892	25 075	16 276	72 855				
2010 Q4	40 512	14 256	2 346	173	13 669	4 854	75 698	6 164	12 264	16 026	24 277	16 694	75 698				
2011 Q1	35 433	20 508	2 901	174	12 055	3 438	74 113	2 392	12 081	15 034	28 081	16 820	74 113				
2011 Q2	35 390	10 154	1 819	91	13 185	4 488	65 037	2 650	10 597	14 990	21 181	15 693	65 037				
2011 Q3	37 828	12 673	2 096	132	13 383	4 886	70 916	2 328	12 105	15 483	24 623	16 559	70 916				
2011 Q4	40 693	12 706	2 146	131	13 854	4 823	74 342	3 217	13 358	15 988	25 072	16 734	74 342				
2012 Q1	39 164	18 748	2 572	133	12 357	3 493	76 241	3 454	13 288	14 951	27 381	17 136	76 241				
2012 Q2	37 180	10 528	1 640	84	12 839	4 732	66 969	2 233	11 202	14 523	22 839	16 294	66 969				
2012 Q3	38 805	11 016	1 936	128	13 012	5 133	70 028	1 946	11 964	14 999	24 801	16 567	70 028				
2012 Q4	44 328	11 552	1 981	122	13 503	5 134	76 773	3 406	13 643	15 527	26 857	17 372	76 773				
2013 Q1	38 998	16 639	2 333	147	12 086	3 920	74 024	1 997	13 312	14 443	26 771	17 651	74 024				
2013 Q2	40 176	9 515	1 506	88	14 343	5 296	70 953	2 689	11 374	15 830	24 399	16 814	70 953				
2013 Q3	41 581	11 449	1 832	148	14 703	6 074	75 809	2 998	12 506	16 524	27 038	16 931	75 809				
2013 Q4	43 942	12 255	1 870	158	14 762												

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector										Asset				
	Public corporations ³					Private sector									
	Business investment ¹ S.11NG	General Government S.13	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.11PT AN.111	Costs of ownership transfer on non-produced assets S.11PT AN.116	Total S.1	ICT equipment and other machinery and equipment ⁵			buildings and structures and transfer costs ⁴		Intellectual property products	Total S.1	
								Transport equipment AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117			
1997 Q2	1.8	-48.1	-70.5	-24.0	2.7	50.8	-4.5	-3.8	-2.0	-5.5	-9.9	2.1	-4.5		
1997 Q3	4.9	30.7	44.5	-12.3	2.3	-7.8	5.8	-3.0	7.4	3.7	9.6	3.9	5.8		
1997 Q4	8.5	5.0	-10.3	-2.2	5.4	8.6	7.6	-14.3	15.6	4.6	10.2	4.9	7.6		
1998 Q1	1.1	52.5	93.8	12.0	-9.9	-34.0	3.0	52.9	-6.7	-5.5	6.0	1.4	3.0		
1998 Q2	-3.4	-46.9	-55.8	-34.9	5.0	38.4	-7.5	-10.9	-2.6	-0.2	-18.1	0.9	-7.5		
1998 Q3	0.6	25.2	58.3	42.3	-2.5	20.9	3.5	-10.7	-1.5	-0.2	15.2	1.9	3.5		
1998 Q4	9.1	10.0	-14.2	-18.1	-0.4	-15.7	6.1	0.2	18.6	-1.2	4.4	2.9	6.1		
1999 Q1	-3.9	39.9	54.4	88.5	-2.1	-0.7	1.4	22.3	-3.6	0.8	3.0	-4.0	1.4		
1999 Q2	-5.2	-40.8	-45.0	-53.1	7.6	1.3	-8.6	-6.9	-8.8	3.6	-16.5	-2.3	-8.6		
1999 Q3	3.8	10.5	-17.0	72.0	3.3	34.7	5.8	-5.6	6.8	2.5	13.3	1.4	5.8		
1999 Q4	3.3	4.2	40.2	14.5	-4.3	2.5	2.4	-6.5	3.1	-2.8	6.8	2.6	2.4		
2000 Q1	1.0	42.3	35.0	0.5	4.6	-6.3	5.3	1.6	6.3	6.2	4.7	3.9	5.3		
2000 Q2	3.8	-41.1	-59.0	-28.3	1.3	8.1	-2.7	10.7	16.2	-2.4	-20.5	2.0	-2.7		
2000 Q3	-8.4	12.2	46.6	-18.3	-1.2	-26.2	-6.0	-19.2	-21.7	0.0	1.9	-0.9	-6.0		
2000 Q4	10.4	11.3	17.5	29.3	-3.9	26.2	8.1	12.7	18.5	-3.1	14.4	2.8	8.1		
2001 Q1	-2.1	35.0	110.1	108.0	-0.2	-10.5	2.4	-1.6	0.5	5.1	4.9	-3.2	2.4		
2001 Q2	-0.1	-29.9	-47.3	-42.9	0.8	11.9	-4.1	55.6	-14.0	-3.8	-9.6	0.5	-4.1		
2001 Q3	-3.6	22.0	24.3	39.9	5.7	18.7	1.9	-17.8	6.2	6.7	3.6	-0.7	1.9		
2001 Q4	1.7	5.3	17.5	4.8	-3.6	-15.0	0.3	-23.6	14.0	-2.5	-3.6	2.5	0.3		
2002 Q1	-3.8	25.4	67.5	40.2	4.3	-10.6	1.5	15.3	-3.8	8.8	1.2	-3.1	1.5		
2002 Q2	1.4	-34.0	-66.6	-41.5	6.9	11.9	-3.3	37.2	-8.4	-1.1	-12.8	-0.5	-3.3		
2002 Q3	-0.5	19.9	40.4	36.0	3.2	27.8	3.8	-15.8	5.9	4.6	11.2	4.3	3.8		
2002 Q4	11.8	8.4	70.6	94.5	5.2	-4.1	10.0	-7.5	15.9	8.3	14.8	3.7	10.0		
2003 Q1	-3.4	44.1	61.6	14.1	-10.0	-24.8	0.6	0.9	-3.4	-4.3	3.3	2.0	0.6		
2003 Q2	-6.2	-42.2	-68.4	-55.3	5.8	10.7	-11.1	5.0	-18.7	-3.6	-19.8	1.4	-11.1		
2003 Q3	-1.8	19.4	48.6	30.4	3.2	20.8	3.4	-1.2	7.7	4.8	1.8	0.3	3.4		
2003 Q4	4.4	4.4	12.8	10.9	3.0	-2.4	3.7	-14.0	3.9	3.6	10.9	0.5	3.7		
2004 Q1	-2.7	50.1	35.0	32.8	0.5	1.4	5.2	4.1	4.5	2.8	12.1	-0.9	5.2		
2004 Q2	-6.6	-32.7	-55.7	-22.7	-0.3	6.7	-10.0	17.0	-12.0	-5.2	-21.7	0.5	-10.0		
2004 Q3	1.9	11.9	33.7	14.0	3.6	5.9	4.3	12.4	3.2	4.9	9.2	2.5	4.3		
2004 Q4	5.3	7.0	17.4	-0.8	-0.2	-15.1	2.9	-13.4	11.6	0.6	3.5	2.0	2.9		
2005 Q1	-4.1	53.4	41.3	-26.4	-3.5	-18.7	3.7	6.8	0.5	-0.7	8.3	3.9	3.7		
2005 Q2	58.4	-173.0	-58.4	-25.8	2.8	20.7	-4.9	15.3	-2.9	-2.7	-15.4	-1.1	-4.9		
2005 Q3	-31.3	-189.7	59.6	65.7	-1.2	30.3	5.1	-3.8	5.1	1.1	16.7	0.2	5.1		
2005 Q4	4.5	2.1	8.8	8.9	-1.7	7.2	3.2	-6.0	9.5	-1.1	4.3	3.2	3.2		
2006 Q1	-3.6	35.6	68.5	30.8	-2.4	-7.2	3.0	16.6	-1.1	2.1	6.1	-1.5	3.0		
2006 Q2	0.0	-43.5	-69.9	-56.5	0.2	-2.4	-10.2	7.4	-12.8	-7.2	-16.6	-3.9	-10.2		
2006 Q3	7.3	23.9	84.8	54.4	-2.0	16.7	8.7	6.0	14.2	1.0	15.5	2.3	8.7		
2006 Q4	3.0	6.7	0.7	1.9	0.8	-1.3	2.6	-6.9	6.5	0.7	3.3	3.1	2.6		
2007 Q1	-2.3	33.6	64.7	19.2	-0.2	-17.6	2.7	-3.7	2.8	3.8	3.0	2.4	2.7		
2007 Q2	3.2	-44.0	-69.5	-48.8	0.8	8.9	-7.1	19.6	-15.2	-6.1	-10.0	-3.2	-7.1		
2007 Q3	-3.5	16.3	72.2	47.5	-3.3	27.9	1.8	-17.1	12.1	-0.8	4.2	-0.4	1.8		
2007 Q4	11.3	30.4	5.1	-11.9	1.1	-12.4	9.0	-13.2	12.2	1.4	17.3	5.8	9.0		
2008 Q1	-12.7	39.0	72.9	13.0	-7.1	-21.1	-3.7	-12.4	-8.6	-2.4	-3.3	2.0	-3.7		
2008 Q2	1.5	-43.1	-68.7	-44.4	-1.2	21.7	-8.8	28.9	-8.1	-8.2	-16.1	-3.3	-8.8		
2008 Q3	-1.1	22.0	305.1	1.4	-17.3	-16.4	-0.4	-13.0	1.4	-5.8	3.1	1.4	-0.4		
2008 Q4	0.2	16.1	2.1	-27.3	-2.9	-30.7	-0.1	1.3	1.8	-2.1	-2.0	2.7	-0.1		
2009 Q1	-12.8	38.1	26.8	-8.3	-15.9	-27.2	-3.4	-17.2	-9.9	-9.1	3.6	-0.4	-3.4		
2009 Q2	-5.1	-46.7	-40.7	-27.1	-1.9	62.2	-14.6	39.1	-24.5	-10.2	-24.8	-4.6	-14.6		
2009 Q3	0.4	36.2	26.4	81.0	2.3	28.7	9.5	-10.9	12.0	5.1	21.1	2.2	9.5		
2009 Q4	1.7	3.5	5.5	5.3	-6.3	-10.5	-0.1	-9.7	2.7	-4.0	1.3	1.8	-0.1		
2010 Q1	0.0	40.4	24.1	-7.5	-4.9	-43.4	5.3	9.5	-1.0	0.6	9.3	6.8	5.3		
2010 Q2	-3.6	-45.2	-37.4	-33.5	18.2	71.7	-10.7	0.3	-8.0	5.1	-26.0	-3.1	-10.7		
2010 Q3	6.9	22.3	21.4	59.3	6.2	24.9	11.2	11.8	10.4	8.3	21.4	1.8	11.2		
2010 Q4	8.7	3.4	2.0	-11.7	0.7	-17.9	3.9	44.1	8.3	0.8	-3.2	2.6	3.9		
2011 Q1	-12.5	43.9	23.7	0.6	-11.8	-29.2	-2.1	-61.2	-1.5	-6.2	15.7	0.8	-2.1		
2011 Q2	-0.1	-50.5	-37.3	-47.7	9.4	30.5	-12.2	10.8	-12.3	-0.3	-24.6	-6.7	-12.2		
2011 Q3	6.9	24.8	15.2	45.1	1.5	8.9	9.0	-12.2	14.2	3.3	16.3	5.5	9.0		
2011 Q4	7.6	0.3	2.4	-0.8	3.5	-1.3	4.8	38.2	10.4	3.3	1.8	1.1	4.8		
2012 Q1	-3.8	47.6	39.9	1.5	-10.8	-27.6	2.6	7.4	-0.5	-6.5	9.2	2.4	2.6		
2012 Q2	-5.1	-43.8	-36.2	-36.8	3.9	35.5	-12.2	-35.4	-15.7	-2.9	-16.6	-4.9	-12.2		
2012 Q3	4.4	4.6	18.0	52.4	1.3	8.5	4.6	-12.9	6.8	3.3	8.6	1.7	4.6		
2012 Q4	14.2	4.9	2.3	-4.7	3.8	0.0	9.6	75.0	14.0	3.5	8.3	4.9	9.6		
2013 Q1	-12.0	44.0	17.8	20.5	-10.5	-23.6	-3.6	-41.4	-2.4	-7.0	-0.3	1.6	-3.6		
2013 Q2	3.0	-42.8	-35.4	-40.1	18.7	35.1	-4.1	34.7	-14.6	9.6	-8.9	-4.7	-4.1		
2013 Q3	3.5	20.3	21.6	68.2	2.5	14.7	6.8	11.5	10.0	4.4	10.8	0.7	6.8		
2013 Q4	5.7	7.0	2.1	6.8	0.4	2.9	4.6	17.3	8.4	0.6	5.0	2.2	4.6		
2014 Q1	-5.9	59.1	23.6	14.6	-8.0	-25.1	2.8	-11.9	1.8	-4.4	8.1	4.9	2.8		
2014 Q2	4.8	-50.6	-22.0	-33.1	5.5	38.2	-7.0	49.2	-7.2	1.4	-18.0	-6.4	-7.0		
2014 Q3	0.4	23.8	23.6	54.5	3.5	3.7	4.8	-9.0	7.0	5.8	8.3	1.3	4.8		
2014 Q4	8.1	5.1	3.0	-2.7	-1.4	-3.5	4.8	16.8	3.9	-0.8	5.6	6.4	4.8		
2015 Q1	-4.0	46.8	15.6	9.9	-9.8	-27.1	1.4	17.3	-4.6	-6.3	8.7	-2.6	1.4		
2015 Q2	1.1	-44.6	-40.4	-43.0	15.9	32.8	-6.1	-13.3	-11.1	6.4	-12.7	0.2	-6.1		
2015 Q3	0.1	10.5	27.9	66.7	-1.0	6.0	2.3	-24.5	8.5	1.7	6.5	0.3	2.3		
2015 Q4	12.3	0.6	-1.3	0.0	2.2	2.7	7.6	48.6	16.3	1.8	5.1	2.2	7.6		
2016 Q1	-7.1	46.5	21.7	-11.6	-8.2	-11.1	0.0	1.2	-6.1	-4.5	4.1	2.0	0.0		
2016 Q2	3.1	-35.3	-27.3	3.6	7.5	1.3	-4.5	16.3	-6.5	2.1	-11.5	-3.5	-4.5		
2016 Q3	0.5	16.9	16.3	6.3	1.4	4.1	3.4	0.4	4.8	2.9	5.4	0.9	3.4		
2016 Q4	0.6	-0.6	2.6	7.0	3.7	4.4	1.3	-13.6	3.2	3.6	1.4	3.0	1.3		
2017 Q1	-2.5	39.4	19.1	-13.6	-5.3	-34.6	1.0	8.5	7.1	-2.5	3.6	-1.5	1.0		
2017 Q2	3.2	-34.3	-25.8	8.8	6.9	4.5	-4.3	26.5	-1.8	2.3	-15.6	-2.4	-4.3		
2017 Q3	0.9	11.5	16.7	11.3	0.9	4.6	2.9	-16.8	3.4	2.5	9.0	1.3	2.9		
2017 Q4	4.4	0.6	-21.8	-1.4	9.5	-1.4	3.8	-10.1	7.6	5.8	2.6	4.8	3.8		
2018 Q1	-8.4	37.1	-10.2	-17.6	-5.1	-									

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	Transport equipment AN.1131	ICT equipment and other machinery and equipment ⁵ AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	Intellectual property products S.1 AN.117	Total S.1 TOTAL	
1998 Q1	17.2	8.5	-25.9	-27.0	-0.2	-0.5	12.0	22.3	13.4	-3.1	15.3	12.9	12.0	
1998 Q2	11.2	11.2	11.0	-37.4	2.0	-8.6	8.4	13.3	12.7	2.3	4.8	11.5	8.4	
1998 Q3	6.7	6.5	21.6	1.5	-2.8	19.8	6.0	4.4	3.4	-1.6	10.2	9.3	6.0	
1998 Q4	7.3	11.6	16.3	-15.0	-8.1	-7.0	4.6	22.0	6.0	-7.1	4.4	7.3	4.6	
1999 Q1	2.0	2.4	-7.3	43.0	-0.2	40.0	3.0	-2.4	9.7	-0.8	1.5	1.6	3.0	
1999 Q2	0.1	14.0	15.4	3.1	2.3	2.5	1.7	1.9	2.7	3.0	3.5	-1.6	1.7	
1999 Q3	3.3	0.7	-39.5	24.6	8.5	14.2	4.0	7.7	11.5	5.8	1.8	-2.1	4.0	
1999 Q4	-2.2	-4.6	-1.2	74.3	4.2	38.8	0.4	0.6	-3.1	4.1	4.0	-2.4	0.4	
2000 Q1	2.8	-3.0	-13.6	-7.0	11.4	30.9	4.2	-16.5	6.7	9.6	5.8	5.7	4.2	
2000 Q2	12.5	-3.4	-35.5	42.0	4.8	39.8	10.9	-0.8	35.9	3.2	0.7	10.3	10.9	
2000 Q3	-0.7	-2.0	13.8	-32.6	0.2	-23.4	-1.4	-15.0	-0.3	0.7	-9.4	7.8	-1.4	
2000 Q4	6.0	4.7	-4.6	-23.9	0.7	-5.6	4.1	2.3	14.6	0.4	-3.0	8.1	4.1	
2001 Q1	2.7	-0.7	48.4	57.6	-3.9	-9.8	1.2	-0.8	8.3	-0.6	-2.8	0.7	1.2	
2001 Q2	-1.1	18.1	90.5	25.4	-4.4	-6.7	-0.2	39.5	-19.8	-1.9	10.5	-0.8	-0.2	
2001 Q3	4.1	28.4	61.6	114.7	2.3	50.0	8.2	41.9	8.8	4.6	12.3	-0.6	8.2	
2001 Q4	-4.0	21.4	61.5	74.0	2.5	1.0	0.4	-3.8	4.6	5.3	-5.3	-1.0	0.4	
2002 Q1	-5.7	12.8	28.8	17.3	7.1	0.8	-0.4	12.6	0.2	9.0	-8.6	-0.8	-0.4	
2002 Q2	-4.2	6.3	-18.5	20.2	13.6	0.8	0.3	-0.7	6.7	12.0	-11.9	-1.9	0.3	
2002 Q3	-1.2	4.5	-7.9	16.9	11.0	8.5	2.1	1.7	6.4	9.8	-5.4	3.1	2.1	
2002 Q4	8.5	7.6	33.7	116.9	21.1	22.6	12.0	23.2	8.2	21.9	12.6	4.3	12.0	
2003 Q1	8.9	23.7	29.1	76.5	4.5	3.1	11.0	7.8	8.6	7.2	14.9	9.7	11.0	
2003 Q2	0.6	8.2	22.5	35.0	3.3	2.0	2.0	-17.5	-3.6	4.4	5.8	11.8	2.0	
2003 Q3	-0.6	7.8	29.6	29.6	3.3	-3.5	1.6	-3.1	-2.0	4.6	-3.2	7.6	1.6	
2003 Q4	-7.2	3.8	-14.3	-26.1	1.2	-1.9	-4.2	-9.9	-12.2	0.1	-6.5	4.3	-4.2	
2004 Q1	-6.4	8.1	-28.4	-14.1	12.9	32.3	0.2	-7.1	-5.0	7.6	1.5	1.4	0.2	
2004 Q2	-6.8	26.0	0.1	48.4	6.4	27.6	1.4	3.5	2.9	5.8	-0.9	0.5	1.4	
2004 Q3	-3.3	18.1	-9.9	29.7	6.9	11.8	2.4	-8.2	-1.4	5.9	6.4	2.7	2.4	
2004 Q4	-2.5	21.1	-6.3	16.0	3.5	-2.7	1.5	-7.6	5.9	2.8	-0.7	4.2	1.5	
2005 Q1	-3.9	23.7	-1.9	-35.7	-0.5	-22.0	0.1	-5.2	1.8	-0.7	-4.1	9.2	0.1	
2005 Q2	63.0	-234.1	-7.7	-38.2	2.6	-11.7	5.9	-6.6	12.3	2.0	3.6	7.5	5.9	
2005 Q3	10.0	7.5	10.2	-10.2	-2.2	8.7	6.7	2.6	14.5	-1.7	10.6	5.1	6.7	
2005 Q4	9.1	2.6	2.1	-1.4	-3.6	37.2	7.1	11.3	12.3	-3.4	11.6	6.3	7.1	
2006 Q1	9.6	-9.3	21.8	75.1	-2.5	56.5	6.4	21.5	10.5	-0.6	9.3	0.8	6.4	
2006 Q2	-30.8	-170.2	-12.0	2.6	-5.0	26.5	0.4	13.2	-0.8	-5.3	7.7	-2.1	0.4	
2006 Q3	8.1	-3.1	1.9	-4.3	-5.8	13.3	3.8	24.7	7.7	-5.3	6.6	-0.1	3.8	
2006 Q4	6.5	1.3	-7.0	-10.5	-3.4	4.3	3.2	23.5	4.8	-3.7	5.6	-0.1	3.2	
2007 Q1	8.0	-0.1	-9.1	-18.4	-1.3	-7.3	2.9	2.0	9.0	-2.1	2.5	3.8	2.9	
2007 Q2	11.5	-1.0	-7.7	-4.0	-0.7	3.5	6.5	13.5	6.0	-0.9	10.7	4.6	6.5	
2007 Q3	0.3	-7.1	-14.0	-8.3	-2.0	13.4	-0.2	-11.2	4.1	-2.8	-0.2	1.8	-0.2	
2007 Q4	8.4	13.5	-9.0	-20.8	-1.6	0.6	6.0	-17.2	9.6	-2.1	13.4	4.5	6.0	
2008 Q1	-3.1	18.1	-4.4	-24.9	-8.4	-3.8	-0.7	-24.6	-2.5	-7.9	6.5	4.1	-0.7	
2008 Q2	-4.7	20.0	-2.2	-18.4	-10.2	7.5	-2.6	-18.7	5.7	-10.0	-0.8	4.0	-2.6	
2008 Q3	-2.4	25.9	130.1	-43.9	-23.2	-29.7	-4.7	-14.7	-4.4	-14.5	-1.8	5.8	-4.7	
2008 Q4	-12.1	12.0	123.4	-53.7	-26.3	-44.4	-12.7	-0.4	-13.2	-17.4	-17.9	2.7	-12.7	
2009 Q1	-12.3	11.3	63.9	-62.4	-33.2	-48.7	-12.4	-5.9	-14.5	-23.1	-12.1	0.3	-12.4	
2009 Q2	-18.0	4.2	210.9	-50.7	-33.7	-31.6	-17.9	1.5	-29.7	-24.8	-21.2	-1.1	-17.9	
2009 Q3	-16.7	16.3	-3.0	-12.0	-18.1	5.4	-9.7	4.0	-22.4	-16.0	-7.5	-0.3	-9.7	
2009 Q4	-15.4	3.7	0.3	27.4	-21.0	36.1	-9.7	7.3	-21.8	-17.6	-4.4	-1.2	-9.7	
2010 Q1	-3.0	5.5	-1.9	28.5	-10.7	5.8	-1.5	22.5	-14.0	-8.9	0.9	6.0	-1.5	
2010 Q2	-1.5	8.4	3.6	17.1	7.6	11.9	2.9	-11.7	4.7	6.7	-0.8	7.6	2.9	
2010 Q3	4.9	-2.7	-0.5	3.2	11.7	8.6	4.5	10.8	3.2	9.9	-0.5	7.2	4.5	
2010 Q4	12.0	-2.7	-3.8	-13.5	20.1	-0.3	8.6	76.8	8.9	15.5	-4.9	8.0	8.6	
2011 Q1	-2.1	-0.3	-4.1	-5.9	11.4	24.8	1.0	-37.3	8.4	7.7	0.6	1.9	1.0	
2011 Q2	1.5	-9.9	-3.9	-26.0	3.1	-5.1	-0.8	-30.8	3.3	2.2	2.5	-1.9	-0.8	
2011 Q3	1.5	-8.0	-8.8	-32.7	-1.5	-17.3	-2.7	-45.6	6.9	-2.6	-1.8	1.7	-2.7	
2011 Q4	0.4	-10.9	-8.5	-24.3	1.4	-0.6	-1.8	-47.8	8.9	-0.2	3.3	0.2	-1.8	
2012 Q1	10.5	-8.6	-11.3	-23.6	2.5	1.6	2.9	44.4	10.0	-0.6	-2.5	1.9	2.9	
2012 Q2	5.1	3.7	-9.8	-7.7	-2.6	5.4	3.0	-15.7	5.7	-3.1	7.8	3.8	3.0	
2012 Q3	2.6	-13.1	-7.6	-3.0	-2.8	5.1	-1.3	-16.4	-1.2	-3.1	0.7	0.0	-1.3	
2012 Q4	8.9	-9.1	-7.7	-6.9	-2.5	6.4	3.3	5.9	2.1	-2.9	7.1	3.8	3.3	
2013 Q1	-0.4	-11.2	-9.3	10.5	-2.2	12.2	-2.9	-42.2	0.2	-3.4	-2.2	3.0	-2.9	
2013 Q2	8.1	-9.6	-8.2	4.8	11.7	11.9	5.9	20.4	1.5	9.0	6.8	3.2	5.9	
2013 Q3	7.2	3.9	-5.4	15.6	13.0	18.3	8.3	54.1	4.5	10.2	9.0	2.2	8.3	
2013 Q4	-0.9	6.1	-5.6	29.5	9.3	21.8	3.3	3.3	-0.6	7.1	5.7	-0.4	3.3	
2014 Q1	6.0	17.2	-0.9	23.1	12.3	19.5	10.1	55.2	3.7	10.0	14.7	2.9	10.1	
2014 Q2	7.9	1.3	19.8	37.5	-0.2	22.2	6.8	72.0	12.6	1.8	3.3	1.0	6.8	
2014 Q3	4.6	4.2	21.7	26.4	0.7	10.5	4.7	40.4	9.5	3.1	0.9	1.6	4.7	
2014 Q4	7.0	2.4	22.9	15.2	-1.1	3.6	4.9	39.7	5.0	1.7	1.5	5.8	4.9	
2015 Q1	9.2	-5.5	14.9	10.5	-2.9	0.9	3.5	85.9	-1.6	-0.3	2.0	-1.8	3.5	
2015 Q2	5.4	5.8	-12.3	-5.8	6.7	-3.0	4.5	8.0	-5.7	4.6	8.5	5.2	4.5	
2015 Q3	5.1	-5.6	-9.2	1.6	2.1	-0.9	2.0	-10.3	-4.4	0.6	6.8	4.1	2.0	
2015 Q4	9.2	-9.6	-13.1	4.4	5.8	5.4	4.8	14.1	7.0	3.2	6.2	0.0	4.8	
2016 Q1	5.6	-9.8	-8.5	-16.0	7.6	28.5	3.4	-1.6	5.2	5.2	1.8	4.7	3.4	
2016 Q2	7.6	5.4	11.7	52.6	-0.2	-2.0	5.2	32.1	10.7	0.9	3.2	0.9	5.2	
2016 Q3	8.1	11.5	1.5	-2.6	2.2	-3.7	6.3	75.6	6.9	2.2	2.1	1.6	6.3	
2016 Q4	-3.2	10.2	5.6	4.2	3.8	-2.1	0.1	2.2	-5.1	4.0	-1.5	2.3	0.1	
2017 Q1	1.7	4.8	3.3	1.8	7.1	-28.0	1.1	-7.6	8.3	6.2	-1.9	-1.3	1.1	
2017 Q2	1.7	6.4	5.4	6.9	6.5	-25.7	1.3	0.4	13.8	6.4	-6.5	-0.2	1.3	
2017 Q3	2.1	1.5	5.8	11.9	6.0	-25.4	0.8	-16.8	12.2	6.0	-3.3	0.2	0.8	
2017 Q4	6.1	2.7	-19.3	3.0	11.8	-29.5	3.3	-13.5	16.9	8.2	-2.1	2.0	3.3	
2018 Q1	-0.4	1.1	-39.2	-1.8	12.1	-5.8	0.7	-15.1	-0.2	4.9	-2.1	6.6	0.7	
2018 Q2	-3.0	-3.5	-59.6	-6.5	12.6	-8.2	-1.6	-28.5	-5.3	5.2	-4.5	8.9	-1.6	
2018 Q3	-2.0	4.5	-51.7	-4.3	11.4	-3.9	0.1	-35.5	-1.2	4.0	0.0	8.3	0.1	
2018 Q4	-0.6	2.5	-41.4	-2.5	3.8	-2.4	-0.2	-22.8	-1.4	-0.1	0.4	5.9	-0.2	
2019 Q1	3.3	8.3	-9.3	-3.0	2.9	-1.7	3.7	-21.5	3.6	1.9	8.1	4.5	3.7	
2019 Q2	2.8	1.7	-9.2	-3.4	1.3	-2.0	1.9	2.5	-9.4	0.8	9.2	1.8	1.9	
2019 Q3	1.7	-2.6	0.3	-2.5	1.8	-2.2	0.8	17.2	-8.0	1.7	2.0	2.1	0.8	

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

2 Remaining investment by public corporations included within business investment

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

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

5 includes cultivated biological resources (AN.115) and weapons (AN

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 ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR	
1997	135 000	23 880	3 637	628	64 315	11 119	235 225	12 391	36 232	67 197	85 314	40 731	235 225	
1998	149 065	26 092	3 512	497	62 759	11 189	253 270	14 295	39 367	65 531	92 705	44 872	253 270	
1999	150 138	26 711	3 142	682	65 099	13 683	258 959	14 534	41 275	67 498	95 181	44 346	258 959	
2000	157 747	26 432	2 789	606	67 781	14 587	270 250	13 392	46 975	69 809	93 800	47 874	270 250	
2001	158 254	30 378	4 493	1 000	67 141	15 484	276 544	15 945	46 788	71 076	96 631	47 664	276 544	
2002	157 144	32 832	5 099	1 437	76 026	16 788	286 238	17 152	49 276	80 447	93 296	48 227	286 238	
2003	157 459	36 654	5 864	1 730	78 309	16 711	293 164	16 020	48 002	83 634	95 569	52 215	293 164	
2004	149 923	42 878	4 944	1 958	84 041	19 355	297 171	15 266	48 198	88 216	97 008	53 370	297 171	
2005	178 295	26 145	4 984	1 539	83 237	19 871	311 676	15 255	53 052	87 349	101 975	57 118	311 676	
2006	169 800	44 800	5 214	1 745	79 758	24 111	322 545	18 393	56 027	84 118	109 414	56 902	322 545	
2007	181 612	45 450	4 692	1 495	78 655	24 795	334 580	17 767	60 101	82 453	116 493	58 989	334 580	
2008	171 152	53 813	7 282	969	65 335	19 990	316 961	15 049	57 621	72 240	111 863	61 427	316 961	
2009	144 408	58 720	9 660	639	47 535	17 142	277 612	14 794	44 981	57 389	99 247	61 077	277 612	
2010	148 840	59 887	9 563	677	50 861	18 249	287 482	18 085	44 983	60 543	97 933	65 468	287 482	
2011	149 344	56 041	8 962	528	52 477	17 635	284 408	10 587	48 141	61 495	98 957	65 806	284 408	
2012	159 477	51 844	8 129	467	51 711	18 492	290 011	11 039	50 097	60 000	101 878	67 369	290 011	
2013	164 697	49 858	7 541	541	55 894	21 543	300 057	11 202	50 747	63 419	106 607	68 707	300 057	
2014	175 261	53 619	8 644	671	57 307	24 347	319 839	16 845	54 540	65 955	112 007	70 655	319 839	
2015	187 913	51 221	8 260	694	59 021	24 480	331 619	20 137	53 965	67 280	118 414	71 919	331 619	
2016	195 977	52 418	8 362	725	60 903	25 310	343 694	24 623	56 102	69 319	120 020	73 629	343 694	
2017	201 708	54 433	8 250	768	65 719	18 428	349 306	22 332	63 289	73 969	115 956	73 760	349 306	
2018	198 681	55 120	4 326	739	72 155	17 500	348 521	16 562	62 038	76 483	114 224	79 214	348 521	
2019	199 862	55 906	4 256	720	72 705	17 035	350 484	16 585	57 360	76 961	118 377	81 201	350 484	

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
1998	10.4	9.3	-3.4	-20.9	-2.4	0.6	7.7	15.4	8.7	-2.5	8.7	10.2	7.7	
1999	0.7	2.4	-10.5	37.2	3.7	22.3	2.2	1.7	4.8	3.0	2.7	-1.2	2.2	
2000	5.1	-1.0	-11.2	-11.1	4.1	6.6	4.4	-7.9	13.8	3.4	-1.5	8.0	4.4	
2001	0.3	14.9	61.1	65.0	-0.9	6.1	2.3	19.1	-0.4	1.8	3.0	-0.4	2.3	
2002	-0.7	8.1	13.5	43.7	13.2	8.4	3.5	7.6	5.3	13.2	-3.5	1.2	3.5	
2003	0.2	11.6	15.0	20.4	3.0	-0.5	2.4	-6.6	-2.6	4.0	2.4	8.3	2.4	
2004	-4.8	17.0	-15.7	13.2	7.3	15.8	1.4	-4.7	0.4	5.5	1.5	2.2	1.4	
2005	18.9	-39.0	0.8	-21.4	-1.0	2.7	4.9	-0.1	10.1	-1.0	5.1	7.0	4.9	
2006	-4.8	71.4	4.6	13.4	-4.2	21.3	3.5	20.6	5.6	-3.7	7.3	-0.4	3.5	
2007	7.0	1.5	-10.0	-14.3	-1.4	2.8	3.7	-3.4	7.3	-2.0	6.5	3.7	3.7	
2008	-5.8	18.4	55.2	-35.2	-16.9	-19.4	-5.3	-15.3	-4.1	-12.4	-4.0	4.1	-5.3	
2009	-15.6	9.1	32.7	-34.1	-27.2	-14.2	-12.4	-1.7	-21.9	-20.6	-11.3	-0.6	-12.4	
2010	3.1	2.0	-1.0	5.9	7.0	6.5	3.6	22.2	0.0	5.5	-1.3	7.2	3.6	
2011	0.3	-6.4	-6.3	-22.0	3.2	-3.4	-1.1	-41.5	7.0	1.6	1.0	0.5	-1.1	
2012	6.8	-7.5	-9.3	-11.6	-1.5	4.9	2.0	4.3	4.1	-2.4	3.0	2.4	2.0	
2013	3.3	-3.8	-7.2	15.8	8.1	16.5	3.5	1.5	1.3	5.7	4.6	2.0	3.5	
2014	6.4	7.5	14.6	24.0	2.5	13.0	6.6	50.4	7.5	4.0	5.1	2.8	6.6	
2015	7.2	-4.5	-4.4	3.4	3.0	0.5	3.7	19.5	-1.1	2.0	5.7	1.8	3.7	
2016	4.3	2.3	1.2	4.5	3.2	3.4	3.6	22.3	4.0	3.0	1.4	2.4	3.6	
2017	2.9	3.8	-1.3	5.9	7.9	-27.2	1.6	-9.3	12.8	6.7	-3.4	0.2	1.6	
2018	-1.5	1.3	-47.6	-3.8	9.8	-5.0	-0.2	-25.8	-2.0	3.4	-1.5	7.4	-0.2	
2019	0.6	1.4	-1.6	-2.6	0.8	-2.7	0.6	0.1	-7.5	0.6	3.6	2.5	0.6	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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												
	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	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total			
									Transport equipment	AN.1131	AN.1132	AN.1139			AN.115	AN.114	
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1				
BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.111	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	NPQS	TLPX	TLPW	GGAE	EQED		TLPK	NPQS			
1997 Q1	26 071	3 889	556	112	6 171	1 697	38 494	3 176	9 825	6 727	11 240	7 527	38 494				
1997 Q2	27 456	3 526	377	140	6 107	2 074	39 680	3 095	10 089	6 482	12 355	7 659	39 680				
1997 Q3	28 443	4 004	346	104	6 348	1 744	40 989	3 274	10 677	6 695	12 461	7 883	40 989				
1997 Q4	29 482	4 014	344	95	6 935	2 042	42 914	3 152	10 874	7 280	13 430	8 177	42 914				
1998 Q1	30 185	4 105	379	84	6 467	1 727	42 946	3 807	10 410	6 846	13 481	8 404	42 946				
1998 Q2	30 004	4 233	403	91	6 661	1 998	43 392	3 313	10 671	7 063	13 743	8 602	43 392				
1998 Q3	29 933	4 242	446	110	6 524	2 210	43 466	3 265	10 072	6 970	14 417	8 741	43 466				
1998 Q4	30 928	4 497	403	84	6 758	1 961	44 633	3 713	10 417	7 162	14 465	8 874	44 633				
1999 Q1	30 764	4 489	355	127	6 762	2 321	44 818	3 827	10 619	7 116	14 448	8 807	44 818				
1999 Q2	30 340	4 458	447	100	7 179	2 169	44 693	3 473	10 572	7 633	14 239	8 775	44 693				
1999 Q3	31 458	4 461	316	144	7 421	2 609	46 408	3 678	11 027	7 747	15 072	8 884	46 408				
1999 Q4	30 882	4 467	411	151	7 468	2 906	46 285	3 758	10 143	7 892	15 556	8 936	46 285				
2000 Q1	32 299	4 491	279	121	7 951	3 067	48 208	3 220	11 490	8 242	16 026	9 230	48 208				
2000 Q2	34 798	4 486	354	145	7 937	3 193	50 913	3 289	14 549	8 306	15 280	9 489	50 913				
2000 Q3	31 764	4 414	391	97	7 898	1 964	46 528	3 074	11 043	8 302	14 682	9 426	46 528				
2000 Q4	33 515	4 893	397	115	7 825	2 839	49 584	3 746	11 903	8 240	16 178	9 517	49 584				
2001 Q1	34 022	4 470	512	197	7 983	2 904	50 088	3 207	12 535	8 519	16 381	9 445	50 088				
2001 Q2	34 548	5 151	606	191	8 040	3 092	51 628	4 311	11 870	8 663	17 220	9 563	51 628				
2001 Q3	33 365	5 854	626	216	8 350	3 169	51 578	4 161	12 044	8 999	16 780	9 594	51 578				
2001 Q4	32 123	6 291	643	208	8 460	2 910	50 636	3 574	12 334	9 129	15 983	9 617	50 636				
2002 Q1	32 266	5 567	729	236	8 791	3 046	50 635	3 715	11 891	9 538	15 842	9 650	50 635				
2002 Q2	33 196	4 529	597	241	9 436	3 201	51 199	4 130	11 426	10 054	15 872	9 716	51 199				
2002 Q3	33 029	6 731	634	255	9 985	3 500	54 145	4 188	12 452	10 640	16 770	10 095	54 145				
2002 Q4	34 478	6 931	877	464	10 744	3 631	57 126	4 332	12 593	11 644	18 338	10 218	57 126				
2003 Q1	34 542	6 690	1 115	437	10 063	3 230	56 073	3 964	12 219	11 200	18 230	10 461	56 073				
2003 Q2	32 484	6 029	754	346	10 705	3 300	53 618	3 404	10 945	11 529	17 108	10 632	53 618				
2003 Q3	31 795	6 841	829	340	11 132	3 366	54 304	3 956	11 020	11 991	16 675	10 661	54 304				
2003 Q4	32 274	6 728	811	350	11 802	3 605	55 571	3 790	10 539	12 651	17 980	10 610	55 571				
2004 Q1	32 790	7 080	760	375	12 338	4 254	57 592	3 593	11 165	13 134	19 053	10 649	57 592				
2004 Q2	30 595	7 893	828	510	12 205	4 308	56 340	3 699	10 937	13 061	17 773	10 869	56 340				
2004 Q3	30 783	8 342	806	432	12 786	3 955	57 104	3 588	10 757	13 618	18 128	11 013	57 104				
2004 Q4	30 832	8 538	841	403	13 038	3 594	57 247	3 417	10 950	13 905	18 013	10 961	57 247				
2005 Q1	30 928	10 044	787	253	13 138	3 634	58 783	3 326	11 311	13 948	18 684	11 513	58 783				
2005 Q2	49 209	8 211	873	330	13 548	4 039	59 788	3 268	11 343	14 430	19 038	11 708	59 788				
2005 Q3	32 706	9 361	944	403	13 721	4 442	61 577	3 401	11 186	14 672	20 593	11 725	61 577				
2005 Q4	33 386	9 104	970	424	13 691	5 160	62 735	3 681	11 457	14 669	21 020	11 908	62 735				
2006 Q1	34 059	8 685	1 125	483	13 941	5 671	63 969	4 044	11 661	15 065	21 439	11 758	63 969				
2006 Q2	34 780	8 888	900	369	14 005	5 242	64 187	3 665	11 819	14 907	21 986	11 810	64 187				
2006 Q3	36 434	9 499	1 028	405	13 824	5 268	66 460	4 326	11 933	14 857	23 257	12 088	66 460				
2006 Q4	36 496	9 383	994	402	13 964	5 651	66 891	4 446	11 730	14 962	23 527	12 226	66 891				
2007 Q1	37 630	8 261	1 028	424	14 624	5 690	67 655	4 191	12 166	15 647	22 989	12 662	67 655				
2007 Q2	39 331	9 564	946	366	14 670	5 636	70 512	4 380	11 815	15 618	25 894	12 806	70 512				
2007 Q3	36 821	9 403	951	372	14 293	6 178	68 017	3 980	12 057	15 245	23 952	12 782	68 017				
2007 Q4	40 513	11 287	971	320	14 559	5 843	73 493	3 812	12 804	15 535	28 055	13 287	73 493				
2008 Q1	37 676	11 115	1 059	316	14 562	5 633	70 360	3 317	11 979	15 628	25 705	13 732	70 360				
2008 Q2	39 467	11 191	1 002	294	14 147	5 905	72 005	3 855	12 678	15 152	26 356	13 963	72 005				
2008 Q3	37 824	11 879	2 231	198	11 804	3 926	67 862	3 608	12 157	14 035	24 051	14 011	67 862				
2008 Q4	37 399	12 671	2 244	144	11 506	3 098	67 061	3 961	11 829	13 754	23 333	14 184	67 061				
2009 Q1	34 439	12 610	2 238	114	10 518	3 402	63 321	3 271	11 191	12 755	22 127	13 977	63 321				
2009 Q2	33 049	11 895	2 173	138	9 883	3 863	61 001	4 021	9 855	12 100	21 084	13 942	61 001				
2009 Q3	32 159	13 345	2 203	162	9 853	3 949	61 672	3 780	10 147	12 015	21 502	14 227	61 672				
2009 Q4	31 825	12 882	2 230	175	9 040	4 064	60 217	3 459	9 745	11 271	21 493	14 250	60 217				
2010 Q1	33 004	12 691	2 193	145	9 604	3 565	61 203	3 882	9 729	11 792	21 036	14 763	61 203				
2010 Q2	32 352	12 574	2 167	161	10 550	4 185	61 988	3 621	10 326	12 718	20 213	15 110	61 988				
2010 Q3	33 639	12 741	2 147	167	11 105	4 514	64 313	4 378	10 583	13 253	20 930	15 168	64 313				
2010 Q4	35 783	12 530	2 093	153	11 006	4 118	65 683	6 238	10 858	13 098	20 111	15 377	65 683				
2011 Q1	32 997	12 926	2 099	141	10 857	4 158	63 178	2 576	10 993	12 963	21 274	15 371	63 178				
2011 Q2	33 815	11 703	2 066	122	11 035	3 973	62 713	2 712	11 164	13 101	20 556	15 181	62 713				
2011 Q3	34 979	12 028	1 977	116	11 124	3 797	64 022	2 550	11 612	13 101	21 057	15 702	64 022				
2011 Q4	36 614	11 630	1 939	118	11 507	4 100	65 909	3 306	12 120	13 431	21 314	15 737	65 909				
2012 Q1	37 133	11 950	1 894	112	11 588	4 239	66 917	3 761	12 230	13 47							

G10

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector										
	Business investment ¹ S.1MG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵				Intellectual property products S.1 AN.117	Total S.1 TOTAL		
								Transport equipment AN.1131	AN.1132 AN.1139 AN.115 AN.114	Other buildings and structures and transfer costs ⁴					
										Dwellings ³ AN.111	AN.112 AN.116				
KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W			
1997 Q2	5.3	-9.3	-32.2	25.0	-1.0	22.2	3.1	-2.6	2.7	-3.6	9.9	1.8	3.1		
1997 Q3	3.6	13.6	-8.2	-25.7	3.9	-15.9	3.3	5.8	5.8	3.3	0.9	2.9	3.3		
1997 Q4	3.7	0.2	0.6	-8.7	9.2	17.1	4.7	-3.7	1.8	8.7	7.8	3.7	4.7		
1998 Q1	2.4	2.3	10.2	-11.6	-6.7	-15.4	0.1	20.8	-4.3	-6.0	0.4	2.8	0.1		
1998 Q2	-0.6	3.1	6.3	8.3	3.0	15.7	1.0	-13.0	2.5	3.2	1.9	2.4	1.0		
1998 Q3	-0.2	0.2	10.7	20.9	-2.1	10.6	0.2	-1.4	-5.6	-1.3	4.9	1.6	0.2		
1998 Q4	3.3	6.0	-9.6	-23.6	3.6	-11.3	2.7	13.7	3.4	2.8	0.3	1.5	2.7		
1999 Q1	-0.5	-0.2	-11.9	51.2	0.1	18.4	0.4	3.1	1.9	-0.6	-0.1	-0.8	0.4		
1999 Q2	-1.4	-0.7	25.9	-21.3	6.2	-6.5	-0.3	-9.3	-0.4	7.3	-1.4	-0.4	-0.3		
1999 Q3	3.7	0.1	-29.3	44.0	3.4	20.3	3.8	5.9	4.3	1.5	5.9	1.2	3.8		
1999 Q4	-1.8	0.1	30.1	4.9	0.6	11.4	-0.3	2.2	-8.0	1.9	3.2	0.6	-0.3		
2000 Q1	4.6	0.5	-32.1	-19.9	6.5	5.5	4.2	-14.3	13.3	4.4	3.0	3.3	4.2		
2000 Q2	7.7	-0.1	26.9	19.8	-0.2	4.1	5.6	2.1	26.6	0.8	-4.7	2.8	5.6		
2000 Q3	-8.7	-1.6	10.5	-33.1	-0.5	-38.5	-8.6	-6.5	-24.1	0.0	-3.9	-0.7	-8.6		
2000 Q4	5.5	10.6	1.5	18.6	-0.9	44.6	6.6	71.9	7.8	-0.7	10.2	1.0	6.6		
2001 Q1	1.5	-8.6	29.0	71.3	2.0	2.3	1.0	-14.4	3.4	3.4	-0.8	1.0	1.0		
2001 Q2	1.5	15.2	18.4	-3.0	0.7	6.5	3.1	34.4	-5.3	1.7	5.1	1.2	3.1		
2001 Q3	-3.4	13.6	3.3	13.1	3.9	2.5	-0.1	-3.5	1.5	3.9	-2.6	0.3	-0.1		
2001 Q4	-3.7	7.5	2.7	-3.7	1.3	-8.2	-1.8	-14.1	2.4	1.4	-4.7	0.2	-1.8		
2002 Q1	0.4	-11.5	13.4	13.5	3.9	4.7	0.0	3.9	-3.6	4.5	-0.9	0.3	0.0		
2002 Q2	2.9	-18.6	-18.1	2.1	7.3	5.1	1.1	11.2	-3.9	5.4	0.2	0.7	1.1		
2002 Q3	-0.5	48.6	6.2	5.8	5.8	9.7	5.8	1.4	9.0	5.8	5.7	3.9	5.8		
2002 Q4	4.4	3.0	38.3	82.0	7.6	3.4	5.5	3.4	1.1	9.4	9.4	1.2	5.5		
2003 Q1	0.2	-3.5	27.1	-5.8	-6.3	-11.0	-1.8	-8.5	-3.0	-3.8	-0.6	2.4	-1.8		
2003 Q2	-6.0	-9.9	-32.4	-20.8	6.4	2.2	-4.4	-14.1	-10.4	2.9	-6.2	1.6	-4.4		
2003 Q3	-2.1	13.5	9.9	-1.7	4.0	2.0	1.3	16.2	0.7	4.0	-2.5	0.3	1.3		
2003 Q4	1.5	-1.7	2.2	2.9	6.0	7.1	2.3	-4.2	4.4	5.5	7.8	-0.5	2.3		
2004 Q1	1.6	-5.2	-6.3	7.1	4.5	18.0	3.6	-5.2	5.9	3.8	6.0	0.4	3.6		
2004 Q2	-6.7	11.5	8.9	36.0	-1.1	1.3	-2.2	3.0	-2.0	-0.6	-6.7	2.1	-2.2		
2004 Q3	0.6	5.7	-2.7	-15.3	4.8	-8.2	1.4	-3.0	-1.6	4.3	2.0	1.3	1.4		
2004 Q4	0.2	2.3	4.3	-6.7	2.0	-9.1	0.3	-4.8	1.8	2.1	-0.6	-0.5	0.3		
2005 Q1	0.3	17.6	-6.4	-37.2	0.8	1.1	2.7	-2.7	3.3	0.3	3.7	5.0	2.7		
2005 Q2	59.1	-181.8	10.9	30.4	3.1	11.1	1.7	-1.7	0.3	3.5	1.9	1.7	1.7		
2005 Q3	-33.5	-214.0	8.1	22.1	1.3	10.0	3.0	4.1	-1.4	1.7	8.2	0.1	3.0		
2005 Q4	2.1	-2.7	2.8	5.2	-0.2	16.2	1.9	8.2	2.4	0.0	2.1	1.6	1.9		
2006 Q1	2.0	-4.6	16.0	13.9	1.8	9.9	2.0	9.9	1.8	2.7	2.0	-1.3	2.0		
2006 Q2	2.1	2.3	-20.0	-23.6	0.5	-7.6	0.3	-9.4	1.4	-1.0	2.6	0.4	0.3		
2006 Q3	4.8	6.9	14.2	9.8	-1.3	0.5	3.5	18.0	1.0	-0.3	5.8	2.4	3.5		
2006 Q4	0.2	-1.2	-3.3	-0.7	1.0	7.3	0.6	2.8	-1.7	0.7	1.2	1.1	0.6		
2007 Q1	3.1	-12.0	3.4	5.5	4.7	0.7	1.1	-5.7	3.7	4.6	-2.3	3.6	1.1		
2007 Q2	4.5	15.8	-8.0	-13.7	0.3	-0.9	4.2	4.5	-2.9	-0.2	12.6	1.1	4.2		
2007 Q3	-6.4	-1.7	0.5	1.6	-2.6	9.6	-3.5	-9.1	2.0	-2.4	-7.5	-0.2	-3.5		
2007 Q4	10.0	20.0	2.1	-14.0	1.9	-5.4	8.1	-4.2	6.2	1.9	17.1	4.0	8.1		
2008 Q1	-7.0	-1.5	9.1	-1.3	0.0	-3.6	-4.3	-13.0	-6.4	0.6	-8.4	3.3	-4.3		
2008 Q2	4.8	0.7	-5.4	-7.0	-2.8	4.8	2.3	16.2	5.8	-3.0	2.5	1.7	2.3		
2008 Q3	-4.2	6.1	122.7	-32.7	-16.6	-33.5	-5.8	-6.4	-4.1	-7.4	-8.7	0.3	-5.8		
2008 Q4	-1.1	6.7	0.6	-27.3	-2.5	-21.1	-1.2	9.8	-2.7	-2.0	-3.0	1.2	-1.2		
2009 Q1	-7.9	-0.5	-0.3	-20.8	-8.6	9.8	-5.6	-17.4	-5.4	-7.3	-5.2	-1.5	-5.6		
2009 Q2	-4.0	-5.7	-2.9	21.1	-6.0	13.6	-3.7	22.9	-11.9	-5.1	-4.7	-0.3	-3.7		
2009 Q3	-2.7	12.2	1.4	17.4	-0.3	2.2	1.1	-6.0	3.0	-0.7	2.0	2.0	1.1		
2009 Q4	-1.0	-3.5	1.2	8.0	-8.3	2.9	-2.4	-8.5	-4.0	-6.2	0.0	0.2	-2.4		
2010 Q1	3.7	-1.5	-1.7	-17.1	6.2	-12.3	1.6	12.2	-0.2	4.6	-2.1	3.6	1.6		
2010 Q2	-2.0	-0.9	-1.2	11.0	9.9	17.4	1.3	-6.7	6.1	7.9	-3.9	2.4	1.3		
2010 Q3	4.0	1.3	-0.9	3.7	5.3	7.9	3.8	20.9	2.5	4.2	3.5	0.4	3.8		
2010 Q4	6.4	-1.7	-2.5	-8.4	-0.9	-8.8	2.1	42.5	2.6	-1.2	-3.9	1.4	2.1		
2011 Q1	-7.8	3.2	0.3	-7.8	-1.4	1.0	-3.8	-58.7	1.2	-1.0	5.8	0.0	-3.8		
2011 Q2	2.5	-9.5	-1.6	-13.5	1.6	-4.4	-0.7	5.3	1.6	1.1	-3.4	-1.2	-0.7		
2011 Q3	3.4	2.8	-4.3	-4.9	0.8	-4.4	2.1	-6.0	4.0	0.0	2.4	3.4	2.1		
2011 Q4	4.7	-3.3	-1.9	1.7	3.4	8.0	2.9	29.6	4.4	2.5	1.2	0.2	2.9		
2012 Q1	1.4	2.8	-2.3	-5.1	0.7	3.4	1.5	13.8	0.9	0.3	1.5	0.5	1.5		
2012 Q2	-3.4	1.2	0.8	-0.9	-3.8	-0.8	-2.3	-42.5	-3.8	-2.7	3.6	0.5	-2.3		
2012 Q3	1.2	-9.4	-3.5	1.8	0.3	-1.4	-1.2	-6.2	-2.0	-0.3	-1.5	-0.2	-1.2		
2012 Q4	8.9	1.9	-1.9	-2.7	4.0	5.2	6.3	57.3	5.9	3.1	6.0	3.1	6.3		
2013 Q1	-5.4	-6.0	-4.6	16.4	0.8	5.6	-3.7	-31.6	-2.3	-0.2	-6.1	1.3	-3.7		
2013 Q2	3.4	6.6	3.9	-9.4	9.4	2.3	4.9	18.6	-3.0	8.7	0.7	4.9	4.9		
2013 Q3	2.7	5.2	-1.5	14.7	2.2	8.6	3.3	25.2	5.5	1.8	3.7	-0.7	3.3		
2013 Q4	0.2	3.7	-0.7	8.3	0.6	6.0	1.2	2.4	-0.4	0.5	2.9	0.4	1.2		
2014 Q1	1.4	11.5	2.2	12.5	3.2	-2.3	3.2	4.3	2.0	3.1	3.1	4.2	3.2		
2014 Q2	3.6	-13.6	17.9	-3.1	-1.7	11.1	0.4	24.1	3.2	0.6	-2.6	-2.0	0.4		
2014 Q3	0.1	6.7	3.0	7.6	3.8	-0.5	1.8	3.5	0.9	3.7	2.1	0.0	1.8		
2014 Q4	3.6	3.4	2.1	-1.2	-1.6	-1.6	2.2	2.3	0.3	-1.1	3.9	4.0	2.2		
2015 Q1	4.3	5.0	-0.7	10.8	0.8	-9.6	2.6	39.2	-2.0	0.6	3.7	-3.1	2.6		
2015 Q2	1.0	-5.0	-12.6	-18.9	7.7	10.1	1.3	-29.2	0.2	4.9	4.7	4.4	1.3		
2015 Q3	-0.2	-4.9	4.8	17.3	-1.1	2.8	-0.8	-12.2	1.2	-0.5	0.1	-1.1	-0.8		
2015 Q4	3.2	-0.4	-2.0	-0.6	0.7	4.2	2.1	39.2	6.6	0.4	-2.5	0.1	2.1		
2016 Q1	1.7	-1.0	2.5	-10.9	1.1	10.3	1.8	13.6	0.5	1.6	-0.6	3.3	1.8		
2016 Q2	1.9	8.9	4.2	41.7	0.5	-9.8	1.9	-4.3	2.7	0.6	4.3	0.7	1.9		
2016 Q3	2.4	3.4	-1.3	-23.5	2.0	-0.7	2.1	18.9	-0.4	1.6	1.4	0.2	2.1		
2016 Q4	-1.0	-2.2	2.3	5.9	2.1	4.5	-0.2	-23.7	0.0	2.1	3.5	0.5	-0.2		
2017 Q1	2.7	0.4	2.4	-6.1	6.1	-26.8	0.8	2.4	14.3	5.7	-6.6	-2.3	0.8		
2017 Q2	1.0	3.6	4.5	29.8	1.6	-1.1	1.5	6.0	5.5	1.9	-1.3	0.8	1.5		
2017 Q3	0.6	-0.9	-3.9	-10.1	2.8	0.7	0.6	-2.7	-3.7	2.0	2.5	1.3	0.6		
2017 Q4	-0.4	2.7	-18.1	-2.6	6.4	-1.6	0.9	-12.3	3.2	3.7	-0.4	2.0	0.9		
2018 Q1	0.3	-3.7	-31.3	-8.4	0.9	-0.2	-0.9	2.2	-3.8	-2.0	-1.7	3.5	-0.9		
2018 Q2	-0.3	2.7	-4.3	17.7	4.3	-1.4	1.0	-11.2	0.9	3.8	0.3	2.6	1.0		
2018 Q3	-0.7	3.8	-9.5	-7.3	1.7	0.6	0.4	-12.4	-2.5	1.0	3.7	0.3	0.4		
2018 Q4	-0.2	2.9	1.3	-2.1	0.0	-0.3	0.3	3.8	-0.7	0.1	1.4	-1.0	0.3		
2019 Q1	2.1	5.													

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

2 Remaining investment

G11

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products	Total	
								Transport equipment	AN.1132	Dwellings ³	AN.112			
AN.1131	AN.1139	AN.115	AN.114	AN.111	AN.116	TOTAL	AN.1131	AN.1132	AN.111	AN.112	AN.116	AN.117	TOTAL	
KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
1998 Q1	15.8	5.6	-31.8	-25.0	4.8	1.8	11.6	19.9	6.0	1.8	19.9	11.7	11.6	
1998 Q2	9.3	20.1	6.9	-35.0	9.1	-3.7	9.4	7.0	5.8	9.0	11.2	12.3	9.4	
1998 Q3	5.2	5.9	28.9	5.8	2.8	26.7	6.0	-0.3	-5.7	4.1	15.7	10.9	6.0	
1998 Q4	4.9	12.0	17.2	-11.6	-2.6	-4.0	4.0	17.8	-4.2	-1.6	7.7	8.5	4.0	
1999 Q1	1.9	9.4	-6.3	51.2	4.6	34.4	4.4	0.5	2.0	3.9	7.2	4.8	4.4	
1999 Q2	1.1	5.3	10.9	9.9	7.8	8.6	3.0	4.8	-0.9	8.1	3.6	2.0	3.0	
1999 Q3	5.1	5.2	-29.1	30.9	13.7	18.1	6.8	12.6	9.5	11.1	4.5	1.6	6.8	
1999 Q4	-0.1	-0.7	2.0	79.8	10.5	48.2	3.7	1.2	-2.6	10.2	7.5	0.7	3.7	
2000 Q1	5.0	0.0	-21.4	-4.7	17.6	32.1	7.6	-15.9	8.2	15.8	10.9	4.8	7.6	
2000 Q2	14.7	0.6	-20.8	45.0	10.6	47.2	13.9	-5.3	37.6	8.8	7.3	8.1	13.9	
2000 Q3	1.0	-1.1	23.7	-32.6	6.4	-24.7	0.3	-16.4	0.1	7.2	-2.6	6.1	0.3	
2000 Q4	8.5	9.5	-3.4	-23.8	4.8	-2.3	7.1	-0.3	17.4	4.4	4.0	6.5	7.1	
2001 Q1	5.3	-0.5	83.5	62.8	0.4	-5.3	3.9	-0.4	9.1	3.4	2.2	2.3	3.9	
2001 Q2	-0.7	14.8	71.2	31.7	1.3	-3.2	1.4	31.1	-18.4	4.3	12.7	0.8	1.4	
2001 Q3	5.0	32.6	60.1	122.7	5.7	61.4	10.9	35.4	9.1	8.4	14.3	1.8	10.9	
2001 Q4	-4.2	28.6	62.0	80.9	8.1	2.5	2.1	-4.6	3.6	10.8	-1.2	1.1	2.1	
2002 Q1	-5.2	24.5	42.4	19.8	10.1	4.9	1.1	15.8	-5.1	12.0	-3.3	2.2	1.1	
2002 Q2	-3.9	-12.1	-1.5	26.2	17.4	3.5	-0.8	-4.2	-3.7	16.1	-7.8	1.6	-0.8	
2002 Q3	-1.0	15.0	1.3	18.1	19.6	10.8	5.0	0.6	3.4	18.2	-0.1	5.2	5.0	
2002 Q4	7.3	10.2	36.4	123.1	27.0	24.8	12.8	21.2	2.1	27.5	14.7	6.2	12.8	
2003 Q1	7.1	20.2	52.9	85.2	14.5	6.0	10.7	6.7	2.8	17.4	15.1	8.4	10.7	
2003 Q2	-2.1	33.1	26.3	43.6	13.4	3.1	4.7	-17.6	-4.2	14.7	7.8	9.4	4.7	
2003 Q3	-3.7	1.6	30.8	33.3	11.5	-4.1	0.3	-5.5	-11.5	12.7	-0.6	5.6	0.3	
2003 Q4	-6.4	-2.9	-7.5	-24.6	9.8	-0.7	-2.7	-12.5	16.3	8.6	-2.0	3.8	-2.7	
2004 Q1	-5.1	5.8	31.8	-14.2	22.6	31.7	2.7	-9.4	-8.6	17.3	4.5	1.8	2.7	
2004 Q2	-5.8	30.9	9.8	47.4	14.0	30.5	5.1	8.7	-0.1	13.3	3.9	2.2	5.1	
2004 Q3	-3.2	21.9	-2.8	27.1	14.9	17.5	5.2	-9.3	-2.4	13.6	8.7	3.3	5.2	
2004 Q4	-4.5	26.9	3.7	15.1	10.5	-0.3	3.0	-9.8	3.9	9.9	0.2	3.3	3.0	
2005 Q1	-5.7	41.9	3.6	-32.5	6.5	-14.6	2.1	-7.4	1.3	6.2	-1.9	8.1	2.1	
2005 Q2	60.8	-204.0	5.4	-35.3	11.0	-6.2	6.1	-11.7	3.7	10.5	7.1	7.7	6.1	
2005 Q3	6.2	12.2	17.1	-6.7	7.3	12.3	7.8	-5.2	4.0	7.7	13.6	6.5	7.8	
2005 Q4	8.3	6.6	15.3	5.2	5.0	43.6	9.6	7.7	4.6	5.5	16.7	8.6	9.6	
2006 Q1	10.1	-13.5	42.9	90.9	6.1	56.1	8.8	21.6	3.1	8.0	14.7	2.1	8.8	
2006 Q2	-29.3	-208.2	3.1	11.8	3.4	29.8	7.4	12.1	4.2	3.3	15.5	0.9	7.4	
2006 Q3	11.4	1.5	8.9	0.5	0.8	18.6	7.9	27.2	6.7	1.3	12.9	3.1	7.9	
2006 Q4	9.3	3.1	2.5	-5.2	2.0	9.5	6.6	20.8	2.4	2.0	11.9	2.7	6.6	
2007 Q1	10.5	-4.9	-8.6	-12.2	4.9	0.3	5.8	3.6	4.3	3.9	7.2	7.7	5.8	
2007 Q2	13.1	7.6	5.1	-0.8	4.7	7.5	9.9	19.5	0.0	4.8	17.8	8.4	9.9	
2007 Q3	1.1	-1.0	-7.5	-8.1	3.4	17.3	2.3	-8.0	1.0	2.6	3.0	5.7	2.3	
2007 Q4	11.0	20.3	-2.3	-20.4	4.3	3.4	9.9	-14.3	9.2	3.8	19.2	8.7	9.9	
2008 Q1	0.1	34.5	3.0	-25.5	-0.4	-1.0	4.0	-20.9	-1.5	-0.1	11.8	8.5	4.0	
2008 Q2	0.3	17.0	5.9	-19.7	-3.6	4.8	2.1	-12.0	7.3	-3.0	1.8	9.0	2.1	
2008 Q3	2.7	26.3	134.6	-46.8	-17.4	-36.5	-0.2	-9.3	0.8	-7.9	0.4	9.6	-0.2	
2008 Q4	-7.7	12.3	131.1	-55.0	-21.0	-47.0	-8.8	3.9	-7.6	-11.5	-16.8	6.8	-8.8	
2009 Q1	-8.6	13.5	111.3	-63.9	-27.8	-39.6	-10.0	-1.4	-6.6	-18.4	-13.9	1.8	-10.0	
2009 Q2	-16.3	6.3	116.9	-53.1	-30.1	-34.6	-15.3	4.3	-22.3	-20.1	-20.0	-0.2	-15.3	
2009 Q3	-15.0	12.3	-1.3	-18.2	-16.5	0.6	-9.1	4.8	-16.5	-14.4	-10.6	1.5	-9.1	
2009 Q4	-14.9	1.7	-0.6	21.5	-21.4	31.2	-10.2	-12.7	-17.6	-18.1	-7.9	0.5	-10.2	
2010 Q1	-4.2	0.6	-2.0	27.2	-8.7	4.8	-3.3	18.7	-13.1	-7.5	-4.9	5.6	-3.3	
2010 Q2	-2.1	5.7	-0.3	16.7	6.7	8.3	1.6	-9.9	4.8	5.1	-4.1	8.4	1.6	
2010 Q3	4.6	-4.5	-2.5	3.1	12.7	14.3	4.3	15.8	4.3	10.3	-2.7	6.6	4.3	
2010 Q4	12.4	-2.7	-6.1	-12.6	21.7	1.3	9.1	80.3	11.4	16.2	-6.4	7.9	9.1	
2011 Q1	0.0	1.9	-4.3	-2.8	13.0	16.6	3.2	-33.6	13.0	9.9	1.1	4.1	3.2	
2011 Q2	4.5	-6.9	-4.7	-24.2	4.6	-5.1	1.2	-25.1	8.1	3.0	1.7	0.5	1.2	
2011 Q3	4.0	-5.6	-7.9	-30.5	0.2	-15.9	-0.5	-41.8	9.7	-1.1	0.6	3.5	-0.5	
2011 Q4	2.3	-7.2	-7.4	-22.9	4.6	-0.4	0.3	-47.0	11.6	2.5	6.0	2.3	0.3	
2012 Q1	12.5	-7.6	-9.8	-20.6	6.7	1.9	5.9	46.0	11.3	3.9	1.7	2.9	5.9	
2012 Q2	6.1	3.3	-7.6	-9.0	1.0	5.9	4.2	-20.2	5.4	0.0	9.1	4.7	4.2	
2012 Q3	3.8	-9.0	-6.8	-2.6	0.5	9.2	0.8	-20.4	-0.8	-0.3	4.8	1.0	0.8	
2012 Q4	8.0	-4.0	-6.8	-6.8	1.0	6.4	4.1	-3.4	0.7	0.3	9.8	3.9	4.1	
2013 Q1	0.8	-12.2	-8.9	14.3	1.1	8.6	-1.2	-42.0	-2.5	-0.2	1.5	4.8	-1.2	
2013 Q2	7.8	-7.5	-6.1	4.5	15.0	12.0	6.1	19.6	-1.7	11.5	6.5	5.0	6.1	
2013 Q3	9.4	7.5	-4.2	17.7	17.2	23.4	11.0	59.6	5.8	13.8	12.2	4.4	11.0	
2013 Q4	0.6	9.3	-3.0	30.9	13.5	24.4	5.7	3.9	-0.5	10.9	8.9	1.7	5.7	
2014 Q1	7.9	29.7	3.8	26.6	16.2	15.1	13.3	58.4	3.9	14.6	19.6	4.6	13.3	
2014 Q2	8.1	5.1	17.9	35.3	4.4	24.9	8.4	65.8	10.6	6.0	7.2	1.7	8.4	
2014 Q3	5.4	6.6	23.2	27.1	5.9	14.5	6.8	37.2	5.8	8.0	5.5	2.5	6.8	
2014 Q4	9.0	6.4	26.7	16.0	3.6	6.3	7.8	37.0	6.6	6.4	6.6	6.2	7.8	
2015 Q1	12.1	0.2	23.1	14.2	1.2	-1.7	7.2	82.9	2.3	3.8	7.2	-1.3	7.2	
2015 Q2	9.2	10.1	-8.8	-4.5	11.0	-2.6	8.2	4.4	-0.6	8.3	15.2	5.2	8.2	
2015 Q3	8.8	-1.9	-7.2	4.1	5.7	0.7	5.4	-11.5	-0.3	4.0	12.9	4.1	5.4	
2015 Q4	8.4	-5.5	-10.9	4.8	8.1	6.6	5.3	20.5	5.9	5.5	5.9	0.1	5.3	
2016 Q1	5.7	-10.9	-8.0	-15.7	8.4	30.1	4.5	-1.7	8.6	6.5	1.5	6.8	4.5	
2016 Q2	6.7	2.1	9.7	47.3	1.1	6.6	5.1	32.8	11.3	2.1	1.2	3.0	5.1	
2016 Q3	9.5	11.1	3.3	-4.0	4.3	3.0	8.2	79.8	9.5	4.2	2.5	4.3	8.2	
2016 Q4	5.1	9.0	7.9	2.3	5.8	3.2	5.7	-1.4	2.8	6.0	8.9	4.8	5.7	
2017 Q1	6.1	10.6	7.8	7.7	11.0	-31.5	4.6	-11.1	16.9	10.3	2.3	-0.9	4.6	
2017 Q2	5.1	5.2	8.1	-1.4	12.2	-24.9	4.3	-1.6	20.0	11.7	-3.2	-0.7	4.3	
2017 Q3	3.3	0.8	5.2	16.0	13.1	-23.8	2.8	-19.4	16.1	12.1	-2.1	0.4	2.8	
2017 Q4	3.9	5.9	-15.8	6.7	17.9	-28.3	3.9	-7.5	19.9	13.9	-5.8	1.9	3.9	
2018 Q1	1.5	1.6	-43.6	4.2	12.1	-2.3	2.2	-7.6	0.8	5.6	-0.9	7.9	2.2	
2018 Q2	0.2	0.7	-48.3	-5.5	15.1	-2.5	1.7	-22.5	-3.5	7.6	0.6	9.8	1.7	
2018 Q3	-1.1	5.4	-51.3	-2.6	13.9	-2.6	1.5	-30.3	-2.3	6.6	1.8	8.6	1.5	
2018 Q4	-1.0	5.6	-39.7	-2.1	7.0	-1.2	0.9	-17.4	-6.0	2.9	3.7	5.5	0.9	
2019 Q1	0.8	15.9	-9.2	1.1	7.5	-1.2	4.2	-25.8	0.4	6.5	10.5	3.8	4.2	
2019 Q2	3.0	7.4	-3.4	-4.4	3.6	-0.8	3.5	9.9						

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

2 Remaining investment by public corporations included within business investment

G12

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million

SECTOR ⁶ ASSET ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	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	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
1997	111 452	15 433	1 623	451	25 561	7 557	162 077	12 697	41 465	27 184	49 486	31 246	162 077	
1998	121 050	17 077	1 631	369	26 410	7 896	174 437	14 098	41 570	28 041	56 106	34 621	174 437	
1999	123 444	17 875	1 529	522	28 830	10 005	182 204	14 736	42 361	30 388	59 315	35 402	182 204	
2000	132 376	18 284	1 421	478	31 611	11 063	195 233	13 329	48 985	33 090	62 166	37 662	195 233	
2001	134 058	21 766	2 387	812	32 833	12 075	203 930	15 253	48 783	35 310	66 364	38 219	203 930	
2002	132 969	23 758	2 837	1 196	38 956	13 388	213 105	16 365	48 362	41 876	66 822	39 679	213 105	
2003	131 095	26 288	3 509	1 473	43 702	13 501	219 566	15 114	44 723	47 371	69 993	42 364	219 566	
2004	125 000	31 853	3 235	1 720	50 367	16 111	228 283	14 297	43 809	53 718	72 967	43 492	228 283	
2005	146 229	20 298	3 574	1 410	54 098	17 275	242 883	13 676	45 297	57 719	79 335	46 854	242 883	
2006	141 769	36 455	4 047	1 659	55 734	21 832	261 507	16 481	47 143	59 791	90 209	47 882	261 507	
2007	154 295	38 515	3 896	1 482	58 146	23 347	279 677	16 363	48 842	62 045	100 890	51 537	279 677	
2008	152 366	46 856	6 536	952	52 019	18 562	277 288	14 741	48 643	58 569	99 445	55 890	277 288	
2009	131 472	50 732	8 844	589	39 294	15 278	246 211	14 531	40 938	48 141	86 206	56 396	246 211	
2010	134 778	50 536	8 600	626	42 265	16 382	253 187	18 119	41 496	50 861	82 290	60 418	253 187	
2011	138 405	48 287	8 081	497	44 523	16 028	255 822	11 144	45 889	52 596	84 201	61 991	255 822	
2012	148 891	46 155	7 454	446	45 533	16 954	265 435	11 145	47 719	53 103	89 545	63 924	265 435	
2013	155 666	45 659	7 035	521	50 827	19 855	279 564	11 322	47 827	57 862	96 113	66 441	279 564	
2014	167 496	50 905	8 299	655	54 544	22 807	304 707	16 730	51 036	62 846	105 159	68 935	304 707	
2015	183 576	51 158	8 130	686	58 083	22 990	324 623	20 202	51 960	66 214	115 921	70 324	324 623	
2016	195 973	52 418	8 362	725	60 904	25 316	343 694	24 623	56 102	69 319	120 018	73 630	343 694	
2017	204 945	55 290	8 464	773	69 191	18 417	357 080	22 064	66 328	77 655	117 290	73 743	357 080	
2018	204 701	57 144	4 567	759	77 449	18 019	362 639	17 731	64 476	82 018	118 831	79 583	362 639	
2019	211 550	62 170	4 609	757	80 595	17 980	377 661	18 000	63 329	85 204	128 914	82 214	377 661	

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

SECTOR ⁶ ASSET ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1
BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL		
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O	
1998	8.6	10.7	0.5	-18.2	3.3	4.5	7.6	11.0	0.3	3.2	13.4	10.8	7.6	
1999	2.0	4.7	-6.3	41.5	9.2	26.7	4.5	4.5	1.9	8.4	5.7	2.3	4.5	
2000	7.2	2.3	-7.1	-8.4	9.6	10.6	7.2	-9.5	15.6	8.9	4.8	6.4	7.2	
2001	1.3	19.0	68.0	69.9	3.9	9.1	4.5	14.4	-0.4	6.7	6.8	1.5	4.5	
2002	-0.8	9.2	18.9	47.3	18.6	10.9	4.5	7.3	-0.9	18.6	0.7	3.8	4.5	
2003	-1.4	10.6	23.7	23.2	12.2	0.8	3.0	-7.6	-7.5	13.1	4.7	6.8	3.0	
2004	-4.6	21.2	-7.8	16.8	15.3	19.3	4.0	-5.4	-2.0	13.4	4.2	2.7	4.0	
2005	17.0	-36.3	10.5	-18.0	7.4	7.2	6.4	-4.3	3.4	7.4	8.7	7.7	6.4	
2006	-3.1	79.6	13.2	17.7	3.0	26.4	7.7	20.5	4.1	3.6	13.7	2.2	7.7	
2007	8.8	5.7	-3.7	-10.7	4.3	6.9	6.9	-0.7	3.6	3.8	11.8	7.6	6.9	
2008	-1.3	21.7	67.8	-35.8	-10.5	-20.5	-0.9	-9.9	-0.4	-5.6	-1.4	8.4	-0.9	
2009	-13.7	8.3	35.3	-38.1	-24.5	-17.7	-11.2	-1.4	-15.8	-17.8	-13.3	0.9	-11.2	
2010	2.5	-0.4	-2.8	6.3	7.6	7.2	2.8	24.7	1.4	5.7	-4.5	7.1	2.8	
2011	2.7	-4.5	-6.0	-20.6	5.3	-2.2	1.0	-38.5	10.6	3.4	2.3	2.6	1.0	
2012	7.6	-4.4	-7.8	-10.3	2.3	5.8	3.8	0.0	4.0	1.0	6.3	3.1	3.8	
2013	4.6	-1.1	-5.6	16.8	11.6	17.1	5.3	1.6	0.2	9.0	7.3	3.9	5.3	
2014	7.6	11.5	18.0	25.7	7.3	14.9	9.0	47.8	6.7	8.6	9.4	3.8	9.0	
2015	9.6	0.5	-2.0	4.7	6.5	0.8	6.5	20.8	1.8	5.4	10.2	2.0	6.5	
2016	6.8	2.5	2.9	5.7	4.9	10.1	5.9	21.9	8.0	4.7	3.5	4.7	5.9	
2017	4.6	5.5	1.2	6.6	13.6	-27.3	3.9	-10.4	18.2	12.0	-2.3	0.2	3.9	
2018	-0.1	3.4	-46.0	-1.8	11.9	-2.2	1.6	-19.6	-2.8	5.6	1.3	7.9	1.6	
2019	3.3	8.8	0.9	-0.3	4.1	-0.2	4.1	1.5	-1.8	3.9	8.5	3.3	4.1	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

eg BUS INV = BUSINESS INVESTMENT

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

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

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level

€ million

SECTOR ⁶ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector										
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL		ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112	Intellectual property products S.1 AN.117	Total S.1 TOTAL	
									Transport equipment S.1 AN.1131	machinery and equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114					
	NPQM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX		
1997 Q1	26 481	5 334	773	144	6 031	1 371	40 135	3 493	10 042	6 804	12 258	7 537	40 135		
1997 Q2	26 744	2 748	225	112	6 195	2 097	38 122	3 319	9 620	6 420	11 125	7 637	38 122		
1997 Q3	27 825	3 574	327	98	6 435	1 949	40 208	3 177	10 144	6 762	12 295	7 831	40 208		
1997 Q4	30 401	3 777	298	97	6 900	2 139	43 612	2 708	11 659	7 198	13 808	8 240	43 612		
1998 Q1	30 624	5 794	590	110	6 337	1 422	44 877	4 111	10 678	6 927	14 742	8 419	44 877		
1998 Q2	29 164	3 117	263	72	6 737	1 990	41 344	3 576	10 044	7 000	12 147	8 577	41 344		
1998 Q3	29 325	3 896	416	103	6 621	2 431	42 792	3 179	9 646	7 037	14 247	8 682	42 792		
1998 Q4	31 935	4 272	363	85	6 715	2 054	45 424	3 232	11 201	7 078	14 969	8 943	45 424		
1999 Q1	31 104	5 976	570	161	6 634	2 055	46 500	4 043	10 798	7 204	15 629	8 827	46 500		
1999 Q2	29 554	3 609	316	76	7 243	2 102	42 899	3 820	9 967	7 568	12 794	8 750	42 899		
1999 Q3	30 886	4 071	263	132	7 536	2 874	45 762	3 574	10 603	7 809	14 952	8 824	45 762		
1999 Q4	31 901	4 219	380	153	7 417	2 973	47 043	3 300	10 992	7 808	15 940	9 003	47 043		
2000 Q1	32 504	6 123	519	155	7 825	2 813	49 938	3 343	11 766	8 359	17 251	9 220	49 938		
2000 Q2	33 847	3 605	213	112	7 987	3 069	48 832	3 704	13 600	8 214	13 848	9 467	48 832		
2000 Q3	31 247	3 964	313	92	8 033	2 280	45 928	2 956	10 707	8 359	14 527	9 379	45 928		
2000 Q4	34 779	4 593	376	120	7 767	2 901	50 535	3 327	12 914	8 157	16 541	9 597	50 535		
2001 Q1	34 091	6 258	799	252	7 861	2 619	51 879	3 212	12 925	8 690	17 608	9 444	51 879		
2001 Q2	33 952	4 435	425	144	8 069	2 931	49 955	4 909	11 093	8 510	15 911	9 532	49 955		
2001 Q3	32 870	5 368	525	203	8 489	3 527	50 982	4 044	11 743	9 039	16 610	9 546	50 982		
2001 Q4	33 146	5 705	638	214	8 413	2 998	51 114	3 088	13 022	9 071	16 235	9 698	51 114		
2002 Q1	32 024	7 235	1 060	301	8 667	2 698	51 986	3 562	12 209	9 753	16 806	9 657	51 986		
2002 Q2	32 839	4 642	365	177	9 449	3 038	50 511	4 893	11 251	9 832	14 861	9 673	50 511		
2002 Q3	32 548	5 760	522	242	10 117	3 910	53 100	4 106	11 733	10 663	16 551	10 047	53 100		
2002 Q4	35 557	6 121	890	474	10 723	3 742	57 508	3 804	13 170	11 629	18 604	10 302	57 508		
2003 Q1	34 297	8 831	1 478	546	9 926	2 823	57 901	3 803	12 609	11 437	19 542	10 510	57 901		
2003 Q2	31 989	5 133	479	245	10 719	3 125	51 690	3 964	10 027	11 262	15 878	10 559	51 690		
2003 Q3	31 564	5 990	721	322	11 239	3 810	53 647	3 953	10 787	11 992	16 316	10 599	53 647		
2003 Q4	33 245	6 334	831	359	11 817	3 742	56 328	3 395	11 300	12 679	18 257	10 696	56 328		
2004 Q1	32 436	9 782	1 157	479	12 181	3 802	59 837	3 537	11 627	13 384	20 555	10 734	59 837		
2004 Q2	30 057	6 644	520	374	12 235	4 105	53 934	4 130	10 075	12 777	16 167	10 785	53 934		
2004 Q3	30 584	7 410	708	434	12 863	4 421	56 420	3 568	10 522	13 597	17 793	10 940	56 420		
2004 Q4	31 922	8 017	850	433	13 089	3 782	58 092	3 062	11 585	13 960	18 451	11 033	58 092		
2005 Q1	30 463	12 277	1 237	324	12 961	3 120	60 381	3 242	11 053	14 229	20 206	11 651	60 381		
2005 Q2	48 246	- 8 916	525	240	13 576	3 782	57 452	3 656	10 867	14 104	17 219	11 606	57 452		
2005 Q3	32 925	8 287	860	402	13 773	4 976	61 223	3 443	11 160	14 640	20 356	11 625	61 223		
2005 Q4	34 596	8 650	952	444	13 789	5 397	63 827	3 335	12 218	14 746	21 554	11 974	63 827		
2006 Q1	33 609	11 873	1 643	585	13 711	5 061	66 481	3 838	11 996	15 356	23 320	11 971	66 481		
2006 Q2	34 034	6 827	503	255	14 028	4 951	60 599	4 139	10 605	14 529	19 644	11 681	60 599		
2006 Q3	36 544	8 535	947	402	13 877	5 905	66 210	4 393	11 978	14 830	23 066	11 943	66 210		
2006 Q4	37 583	9 220	955	417	14 119	5 916	68 217	4 111	12 563	15 077	24 179	12 287	68 217		
2007 Q1	37 049	12 453	1 601	503	14 307	4 930	70 843	3 990	12 844	15 905	25 188	12 917	70 843		
2007 Q2	38 397	7 002	497	257	14 687	5 374	66 213	4 800	10 701	15 185	22 892	12 635	66 213		
2007 Q3	37 112	8 223	869	383	14 375	6 942	67 905	4 022	11 933	15 246	24 066	12 638	67 905		
2007 Q4	41 735	10 837	930	338	14 776	6 100	74 716	3 551	13 364	15 709	28 743	13 349	74 716		
2008 Q1	37 086	15 198	1 653	378	14 127	4 722	73 164	3 142	12 324	15 788	27 895	14 015	73 164		
2008 Q2	38 486	8 695	522	209	14 176	5 733	67 821	4 189	11 734	14 703	23 437	13 758	67 821		
2008 Q3	38 250	10 614	2 145	211	11 927	4 770	67 917	3 654	12 094	14 073	24 234	13 861	67 917		
2008 Q4	38 543	12 349	2 216	153	11 788	3 337	68 386	3 756	12 491	14 005	23 879	14 255	68 386		
2009 Q1	34 067	17 059	2 817	136	9 962	2 383	66 423	3 128	11 663	12 777	24 568	14 287	66 423		
2009 Q2	32 324	9 014	1 690	97	9 917	3 806	56 848	4 288	9 004	11 652	18 196	13 709	56 848		
2009 Q3	32 361	12 185	2 117	173	10 026	4 787	61 649	3 749	10 064	12 104	21 640	14 091	61 649		
2009 Q4	32 722	12 474	2 221	183	9 389	4 302	61 291	3 366	10 207	11 607	21 802	14 309	61 291		
2010 Q1	32 624	17 403	2 732	171	8 915	2 436	64 280	3 757	10 133	11 640	23 569	15 182	64 280		
2010 Q2	31 523	9 580	1 707	113	10 625	4 162	57 711	3 826	9 414	12 334	17 372	14 765	57 711		
2010 Q3	33 786	11 708	2 064	181	11 331	5 228	64 298	4 299	10 541	13 398	21 020	15 040	64 298		
2010 Q4	36 846	11 845	2 097	160	11 396	4 552	66 898	6 239	11 407	13 490	20 331	15 431	66 898		
2011 Q1	32 551	17 515	2 592	162	10 072	3 091	65 984	2 476	11 375	12 669	23 632	15 831	65 984		
2011 Q2	32 736	8 744	1 639	86	11 138	4 072	58 414	2 791	10 052	12 778	17 966	14 827	58 414		
2011 Q3	35 112	10 959	1 898	125	11 399	4 458	63 951	2 468	11 597	13 298	21 035	15 553	63 951		
2011 Q4	38 006	11 069	1 952	123	11 913	4 408	67 473	3 409	12 865	13 850	21 568	15 781	67 473		
2012 Q1	36 526	16 506	2 348	127	10 729	3 192	69 430	3 591	12 668	13 061	23 841	16 269	69 430		
2012 Q2	34 757	9 372	1 507	80	11 300	4 340	61 355	2 259	10 751	12 857	20 012	15 475	61 355		
2012 Q3	36 247	9 878	1 775	123	11 474	4 717	64 214	1 904	11 412	13 291	21 882	15 725	64 214		
2012 Q4	41 361	10 399	1 824	117	12 030	4 706	70 436	3 392	12 887	13 893	23 809	16 456	70 436		
2013 Q1	36 544	15 071	2 152	141	10 827	3 591	68 328	2 002	12 456	12 979	23 876	17 014	68 328		
2013 Q2	37 940	8 697	1 402	85	12 989	4 867	65 979	2 742	10 714	14 391	21 869	16 265	65 979		
2013 Q3	39 471	10 538	1 716	142	13 406	5 605	70 879	3 028	11 862	15 122	24 463	16 403	70 879		
2013 Q4	41 712	11 353	1 765	153	13 605	5 791	74 378	3 549	12 795	15 370	25 905	16 759	74 378		
2014 Q1	39 396	18 236	2 201	176	12 696	4 367	77 074	3 139	12 878	14 897	28 400	17 759			

G14

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹ S.1MG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL	
								Transport equipment S.1 AN.1131	AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ S.1 AN.111	S.1 AN.112 AN.116			
1997 Q2	1.0	-48.5	-70.9	-22.2	2.7	53.0	-5.0	-5.0	-4.2	-5.6	-9.2	1.3	-5.0	
1997 Q3	4.0	30.1	45.3	-12.5	3.9	-7.1	5.5	4.3	5.4	5.3	10.5	2.5	5.5	
1997 Q4	9.3	5.7	-8.9	-1.0	7.2	9.7	8.5	-14.8	14.9	6.4	12.3	5.2	8.5	
1998 Q1	0.7	53.4	98.0	13.4	-8.2	-33.5	2.9	51.8	-8.4	-3.8	6.8	2.2	2.9	
1998 Q2	-4.8	-46.2	-55.4	-34.5	6.3	39.9	-7.9	-13.0	-5.9	1.1	-17.6	1.9	-7.9	
1998 Q3	0.6	25.0	58.2	43.1	-1.7	22.2	3.5	-11.1	-4.0	0.5	17.3	1.2	3.5	
1998 Q4	8.9	9.7	-12.7	-17.5	1.4	-15.5	6.2	1.7	16.1	0.6	5.1	3.0	6.2	
1999 Q1	-2.6	39.9	57.0	89.4	-1.2	0.0	2.4	25.1	-3.6	1.8	4.4	-1.3	2.4	
1999 Q2	-5.0	-39.6	-44.6	-52.8	9.2	2.3	-7.7	-5.5	-7.7	5.1	-18.1	-0.9	-7.7	
1999 Q3	4.5	12.8	-16.8	73.7	4.0	36.7	6.7	-6.4	6.4	3.2	16.9	0.8	6.7	
1999 Q4	3.3	3.6	44.5	15.9	-1.6	3.4	2.8	-7.7	3.7	0.0	6.6	2.0	2.8	
2000 Q1	1.9	45.1	36.6	1.3	5.5	-5.4	6.2	1.3	7.0	7.1	8.2	2.4	6.2	
2000 Q2	4.1	-41.1	-59.0	-27.7	2.1	9.1	-2.2	10.8	15.6	-1.7	-19.7	2.7	-2.2	
2000 Q3	-7.7	10.0	46.9	-17.9	0.6	-25.7	-5.9	-20.2	-21.3	1.8	4.9	-0.9	-5.9	
2000 Q4	11.3	15.9	70.1	30.4	-3.3	27.2	10.0	12.6	20.6	-2.4	13.9	2.3	10.0	
2001 Q1	-2.0	36.3	112.5	110.0	1.2	-9.7	2.7	3.5	0.1	6.5	6.5	-1.6	2.7	
2001 Q2	-0.4	-29.1	-46.8	-42.9	2.6	11.9	-3.7	52.8	-14.2	-2.1	-9.6	0.9	-3.7	
2001 Q3	-3.2	21.0	23.5	41.0	5.2	20.3	2.1	-17.6	5.9	6.2	4.4	0.1	2.1	
2001 Q4	0.8	6.3	21.5	5.4	-0.9	-15.0	0.3	-23.6	10.9	0.4	-2.3	1.6	0.3	
2002 Q1	-3.4	26.8	66.1	40.7	3.0	-10.0	1.7	15.3	-6.2	7.5	3.5	-0.4	1.7	
2002 Q2	2.5	-35.8	-65.6	-41.2	9.0	12.6	-2.8	37.4	-7.8	0.8	-11.6	0.2	-2.8	
2002 Q3	-0.9	24.1	43.0	36.7	7.1	28.7	5.1	-16.1	4.3	8.5	11.4	3.9	5.1	
2002 Q4	9.2	6.3	70.5	95.9	6.0	-4.3	8.3	-7.4	12.2	9.1	12.4	2.5	8.3	
2003 Q1	-3.5	44.3	66.1	15.2	-7.4	-24.6	0.7	0.0	-4.3	-1.7	5.0	2.0	0.7	
2003 Q2	-6.7	-41.9	-67.6	-55.1	8.0	10.7	-10.7	4.2	-20.5	-1.5	-18.7	0.5	-10.7	
2003 Q3	-1.3	16.7	50.5	31.4	4.9	21.9	3.8	-0.3	7.6	6.5	2.8	0.4	3.8	
2003 Q4	5.3	5.7	15.3	11.5	5.1	-1.8	5.0	-14.1	4.8	5.7	11.9	0.9	5.0	
2004 Q1	-2.4	54.4	39.2	-33.4	3.1	1.6	6.2	4.2	2.9	5.6	12.6	0.4	6.2	
2004 Q2	-7.3	-32.1	-55.1	-21.9	0.4	8.0	-9.9	16.8	-13.3	-4.5	-21.3	0.5	-9.9	
2004 Q3	1.8	11.5	36.2	16.0	5.1	7.7	4.6	-13.6	4.4	6.4	10.1	1.4	4.6	
2004 Q4	4.4	8.2	20.1	-0.2	1.8	-14.5	3.0	-14.2	10.1	2.7	3.7	0.9	3.0	
2005 Q1	-4.6	53.1	45.5	-25.2	-1.0	-17.5	3.9	5.9	-4.6	1.9	9.5	5.6	3.9	
2005 Q2	58.4	-172.6	-57.6	-25.9	4.7	21.2	-4.9	12.8	-1.7	-0.9	-14.8	-0.4	-4.9	
2005 Q3	-31.8	-192.9	63.8	67.5	1.5	31.6	6.6	-5.8	2.7	3.8	18.2	0.2	6.6	
2005 Q4	5.1	4.4	10.7	10.4	0.1	8.5	4.3	-3.1	9.5	0.7	5.9	3.0	4.3	
2006 Q1	-2.9	37.3	72.6	31.8	-0.6	-6.2	4.2	15.1	-1.8	4.1	8.2	0.0	4.2	
2006 Q2	1.3	-42.5	-69.4	-56.4	2.3	-2.2	-8.8	7.8	-11.6	-5.4	-15.8	-2.4	-8.8	
2006 Q3	7.4	25.0	88.3	57.6	-1.1	19.3	9.3	6.1	12.9	2.1	17.4	2.2	9.3	
2006 Q4	2.8	8.0	0.8	3.7	1.7	0.2	3.0	-6.4	4.9	1.7	4.8	2.9	3.0	
2007 Q1	-1.4	35.1	67.6	20.6	1.3	-16.7	3.8	-2.9	2.2	5.5	4.2	5.1	3.8	
2007 Q2	3.6	43.8	-69.0	-48.9	2.7	9.0	-6.5	20.3	-16.7	-4.5	-9.1	-2.2	-6.5	
2007 Q3	-3.3	17.4	74.8	49.0	-2.1	29.2	2.6	-16.2	11.5	0.4	5.1	0.0	2.6	
2007 Q4	12.5	31.8	7.0	-11.7	2.8	-12.1	10.0	-11.7	12.0	3.0	19.4	5.6	10.0	
2008 Q1	-11.1	40.2	77.7	11.8	-4.4	-22.6	-2.1	-11.5	-7.8	0.5	-3.0	5.0	-2.1	
2008 Q2	3.8	-42.8	-68.4	-44.7	0.3	21.4	-7.3	33.3	-4.8	-6.9	-16.0	-1.8	-7.3	
2008 Q3	-0.6	22.1	310.9	1.0	-15.9	-16.8	0.1	-12.8	3.1	-4.3	3.4	0.7	0.1	
2008 Q4	0.8	16.3	3.3	-27.5	-1.2	-30.0	0.7	2.8	3.3	-0.5	-1.5	2.8	0.7	
2009 Q1	-11.6	38.1	27.1	-11.1	-15.5	-28.6	-2.9	-16.7	-6.6	-8.8	2.9	0.2	-2.9	
2009 Q2	-5.1	-47.2	-40.0	-28.7	-0.5	59.7	-14.4	37.1	-22.8	-8.8	-25.9	-4.0	-14.4	
2009 Q3	0.1	35.2	25.3	78.4	1.1	25.8	8.4	-12.6	11.8	3.9	18.9	2.8	8.4	
2009 Q4	1.1	2.4	4.9	5.8	-6.4	-10.1	-0.6	-10.2	1.4	-4.1	0.7	1.5	-0.6	
2010 Q1	-0.3	39.5	23.0	-6.6	-5.0	-43.4	4.9	11.6	-0.7	0.3	8.1	6.1	4.9	
2010 Q2	-3.4	45.0	-37.5	-33.9	19.2	70.9	-10.2	1.8	-7.1	6.0	-26.3	-2.7	-10.2	
2010 Q3	7.2	22.2	20.9	60.2	6.6	25.6	11.4	12.4	12.0	8.6	21.0	1.9	11.4	
2010 Q4	9.1	1.2	1.6	-11.6	0.6	-12.9	4.0	45.1	8.2	0.7	-3.3	2.6	4.0	
2011 Q1	-11.7	47.9	23.6	1.3	-11.6	-32.1	-1.4	-60.3	-0.3	-6.1	16.2	2.6	-1.4	
2011 Q2	0.6	-50.1	-36.8	-46.9	10.6	31.7	-11.5	12.7	-11.6	0.9	-24.0	-6.3	-11.5	
2011 Q3	7.3	25.3	15.8	45.3	2.3	9.5	9.5	-11.6	15.4	4.1	17.1	4.9	9.5	
2011 Q4	8.2	1.0	2.8	-1.6	4.5	-1.1	5.5	38.1	10.9	4.2	2.5	1.5	5.5	
2012 Q1	-3.9	49.1	20.3	3.3	-9.9	-27.6	2.9	5.3	-1.5	-5.7	10.5	3.1	2.9	
2012 Q2	-4.8	-43.2	-35.8	-37.0	5.3	36.0	-11.6	-37.1	-15.1	-1.6	-16.1	-4.9	-11.6	
2012 Q3	4.3	5.4	17.8	53.8	1.5	8.7	4.7	-15.7	6.1	3.4	9.3	1.6	4.7	
2012 Q4	14.1	5.3	2.8	-4.9	4.8	-0.2	9.7	78.2	12.9	4.5	8.8	4.6	9.7	
2013 Q1	-11.6	44.9	18.0	20.5	-10.0	-23.7	-3.0	-41.0	-3.3	-6.6	0.3	3.4	-3.0	
2013 Q2	3.8	-42.3	-34.9	-39.7	20.0	35.5	-3.4	37.0	-14.0	10.9	-8.4	-4.4	-3.4	
2013 Q3	4.0	21.2	22.4	67.1	3.2	15.2	7.4	10.4	10.7	5.1	11.9	0.8	7.4	
2013 Q4	5.7	7.7	2.9	7.7	1.5	3.3	4.9	17.2	7.9	1.6	5.9	2.2	4.9	
2014 Q1	-5.6	60.6	24.7	15.0	-6.7	-24.6	3.6	-11.6	0.6	-3.1	9.6	6.0	3.6	
2014 Q2	4.6	-50.0	-21.5	-33.0	7.0	38.1	-6.9	46.7	-8.4	2.8	-17.3	-6.8	-6.9	
2014 Q3	0.8	25.0	24.1	55.1	4.2	4.3	5.5	-10.0	7.9	6.5	9.5	1.4	5.5	
2014 Q4	9.4	6.6	3.9	-2.7	-0.4	-2.7	5.9	16.8	7.0	0.2	7.0	6.4	5.9	
2015 Q1	-3.2	48.2	16.7	10.7	-8.8	-25.6	2.5	20.2	-4.1	-5.3	10.3	-2.3	2.5	
2015 Q2	1.4	-41.8	-40.0	-42.6	17.0	23.4	-5.8	-16.1	-10.4	7.4	-12.0	0.1	-5.8	
2015 Q3	0.2	8.4	28.2	67.3	-0.9	11.1	2.6	-23.1	7.8	1.9	6.9	0.2	2.6	
2015 Q4	12.8	-0.4	-1.3	-0.5	2.2	5.6	8.0	52.9	15.6	1.8	5.8	2.5	8.0	
2016 Q1	-6.5	49.8	22.0	-11.2	-8.0	-15.2	0.6	-1.4	-5.0	-4.3	4.6	3.8	0.6	
2016 Q2	4.2	-37.4	-26.6	4.2	8.6	12.8	-3.5	16.6	-4.0	3.1	-10.7	-3.1	-3.5	
2016 Q3	1.0	17.5	16.8	6.9	1.8	4.6	3.8	2.1	5.0	3.3	5.8	1.0	3.8	
2016 Q4	1.4	-0.7	3.0	6.5	4.1	3.7	1.8	-16.8	7.6	4.0	1.2	3.1	1.8	
2017 Q1	-2.2	41.6	20.2	-13.6	-3.2	-37.0	1.6	-10.6	8.1	-0.5	4.2	-2.0	1.6	
2017 Q2	2.8	-34.1	-25.2	8.8	9.3	4.7	-4.0	29.6	-3.5	4.5	-15.6	-2.3	-4.0	
2017 Q3	1.9	12.6	17.1	12.4	2.5	7.3	4.1	-15.0	4.0	3.9	10.7	1.6	4.1	
2017 Q4	4.7	1.4	-21.0	-1.0	8.5	-1.2	4.0	-8.9	11.2	5.1	1.1	4.8	4.0	
2018 Q1	-7.4	38.2	-9.7	-16.9	-6.8	-11.5	-1.1	-6.5	-10.0	-7.0	6.7	3.1	-1.1	
2018 Q2	0.3	-37.5	-50.2	4.1	11.0	2.8	-5.9	8.7	-6.9	5.9	-18.4	-0.2	-5.9	
2018 Q3	2.3	21.6	40.7	13.4	1.3	8.6	5.3	-24.8	4.9	2.8				

G15

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	Intellectual property products S.1 AN.117	Total S.1 TOTAL	
								Transport equipment S.1 AN.1131	AN.1132 AN.1139 AN.115 AN.114					
1998 Q1	15.6	8.6	-23.7	-23.6	5.1	3.7	11.8	17.7	6.3	1.8	20.3	11.7	11.8	
1998 Q2	9.0	13.4	16.9	-35.7	8.7	-5.1	8.5	7.7	4.4	9.0	9.2	12.3	8.5	
1998 Q3	5.4	9.0	27.2	5.1	2.9	24.7	6.4	0.1	-4.9	4.1	15.9	10.9	6.4	
1998 Q4	5.0	13.1	21.8	-12.4	-2.7	-4.0	4.2	19.4	-3.9	-1.7	8.4	8.5	4.2	
1999 Q1	1.6	3.1	-3.4	46.4	4.7	44.5	3.6	-1.7	1.1	4.0	6.0	4.8	3.6	
1999 Q2	1.3	15.8	20.2	5.6	7.5	5.6	3.8	6.8	-0.8	8.1	5.3	2.0	3.8	
1999 Q3	5.3	4.5	-36.8	28.2	13.8	18.2	6.9	12.4	9.9	11.0	4.9	1.6	6.9	
1999 Q4	-0.1	-1.2	4.7	80.0	10.5	44.7	3.6	2.1	-1.9	10.3	6.5	0.7	3.6	
2000 Q1	4.5	2.5	-8.9	-3.7	18.0	36.9	7.4	-17.3	9.0	16.0	10.4	4.5	7.4	
2000 Q2	14.5	-0.1	-32.6	47.4	10.3	46.0	13.8	-3.0	36.5	8.5	8.2	8.2	13.8	
2000 Q3	1.2	-2.6	19.0	-30.3	6.6	-20.7	0.4	-17.3	1.0	7.0	-2.8	6.3	0.4	
2000 Q4	9.0	8.9	-1.1	-21.6	4.7	-2.4	7.4	0.8	17.5	4.5	3.8	6.6	7.4	
2001 Q1	4.9	2.2	53.9	62.6	0.5	-6.9	3.9	-3.9	9.9	4.0	2.1	2.4	3.9	
2001 Q2	0.3	23.0	99.5	28.6	1.0	-4.5	2.3	32.5	-18.4	3.6	14.9	0.7	2.3	
2001 Q3	5.2	35.4	67.7	120.7	5.7	54.7	11.0	36.8	9.7	8.1	14.3	1.8	11.0	
2001 Q4	-4.7	24.2	69.7	78.3	8.3	3.3	1.1	-7.2	0.8	11.2	-1.8	1.1	1.1	
2002 Q1	-6.1	15.6	32.7	19.4	10.3	3.0	0.2	10.9	-5.5	12.2	-4.6	2.3	0.2	
2002 Q2	-3.3	4.7	-14.1	22.9	17.1	3.7	1.1	-0.3	1.4	15.5	-6.6	1.5	1.1	
2002 Q3	-1.0	7.3	-0.6	19.2	19.2	10.9	4.2	1.5	-0.1	18.0	-0.4	5.2	4.2	
2002 Q4	7.3	7.3	39.5	121.5	27.5	24.8	12.5	23.2	1.1	28.2	14.6	6.2	12.5	
2003 Q1	7.1	22.1	39.4	81.4	14.5	4.6	11.4	6.8	3.3	17.3	16.3	8.8	11.4	
2003 Q2	-2.6	10.6	31.2	38.4	13.4	2.9	2.3	-19.0	-10.9	14.5	6.8	9.2	2.3	
2003 Q3	-3.0	4.0	38.1	33.1	11.1	-2.6	1.0	-3.7	-8.1	12.5	-1.4	5.5	1.0	
2003 Q4	-6.5	3.5	-6.6	-24.3	10.2	0.0	-2.1	-10.8	-14.2	9.0	-1.9	3.8	-2.1	
2004 Q1	-5.4	10.8	21.7	-12.3	22.7	34.7	3.3	-7.0	-7.8	17.0	5.2	2.1	3.3	
2004 Q2	-6.0	29.4	8.6	52.7	14.1	31.4	4.3	4.2	0.5	13.5	1.8	2.1	4.3	
2004 Q3	-3.1	23.7	-1.8	34.8	14.4	16.0	5.2	-9.7	-2.5	13.4	9.1	3.2	5.2	
2004 Q4	-4.0	26.6	2.3	20.6	10.8	1.1	3.1	-9.8	2.5	10.1	1.1	3.2	3.1	
2005 Q1	-6.1	25.5	6.9	-32.4	6.4	-17.9	0.9	-8.3	-4.9	6.3	-1.7	8.5	0.9	
2005 Q2	60.5	-234.2	1.0	-35.8	11.0	-7.9	6.5	-11.5	7.9	10.4	6.5	7.6	6.5	
2005 Q3	7.7	11.8	21.5	-7.4	7.1	12.6	8.5	-3.5	6.1	7.7	14.4	6.3	8.5	
2005 Q4	8.4	7.9	12.0	2.5	5.3	42.7	9.9	8.9	5.5	5.6	16.8	8.5	9.9	
2006 Q1	10.3	-3.3	32.8	80.6	5.8	62.2	10.1	18.4	8.5	7.9	15.4	2.7	10.1	
2006 Q2	-29.5	-176.6	-4.2	6.3	3.3	30.9	5.5	13.2	-2.4	3.0	14.1	0.6	5.5	
2006 Q3	11.0	3.0	10.1	0.0	0.8	18.7	8.1	27.6	7.3	1.3	13.3	2.7	8.1	
2006 Q4	8.6	6.6	0.3	-6.1	2.4	9.6	6.9	23.3	2.8	2.2	12.2	2.6	6.9	
2007 Q1	10.2	4.9	-2.6	-14.0	4.3	-2.6	6.6	4.0	7.1	3.6	8.0	7.9	6.6	
2007 Q2	12.8	2.6	-1.2	0.8	4.7	8.5	9.3	16.0	0.9	4.5	16.5	8.2	9.3	
2007 Q3	1.6	-3.7	-8.2	-4.7	3.6	17.6	2.6	-8.4	-0.4	2.8	4.3	5.8	2.6	
2007 Q4	11.0	17.5	-2.6	-18.9	4.7	3.1	9.5	-13.6	6.4	4.2	18.9	8.6	9.5	
2008 Q1	0.1	22.0	3.2	-24.9	-1.3	-4.2	3.3	-21.3	-4.0	-0.7	10.7	8.5	3.3	
2008 Q2	0.2	24.2	5.0	-18.7	-3.5	6.7	2.4	-12.7	9.7	-3.2	2.4	8.9	2.4	
2008 Q3	3.1	29.1	146.8	-44.9	-17.0	-31.3	0.0	-9.1	1.3	-7.7	0.7	9.7	0.0	
2008 Q4	-7.6	14.0	138.3	-54.7	-20.2	-45.3	-8.5	5.8	-6.5	-10.8	-16.9	6.8	-8.5	
2009 Q1	-8.1	12.2	70.4	-64.0	-29.5	-49.5	-9.2	-0.4	-5.4	-19.1	-11.9	1.9	-9.2	
2009 Q2	-16.0	3.7	223.8	-53.6	-30.0	-33.6	-16.2	2.4	-23.3	-20.8	-22.4	-0.4	-16.2	
2009 Q3	-15.4	14.8	-1.3	-18.0	-15.9	0.4	-9.2	2.6	-16.8	-14.0	-10.7	1.7	-9.2	
2009 Q4	-15.1	1.0	0.2	19.6	-20.4	28.9	-10.4	-10.4	-18.3	-17.1	-8.7	0.4	-10.4	
2010 Q1	-4.2	2.0	-3.0	25.7	-10.5	2.2	-3.2	20.1	-13.1	-8.9	-4.1	6.3	-3.2	
2010 Q2	-2.5	6.3	1.0	16.5	7.1	9.4	1.5	-10.8	4.6	5.9	-4.5	7.7	1.5	
2010 Q3	4.4	-3.9	-2.5	4.6	13.0	9.2	4.3	14.7	4.7	10.7	-2.9	6.7	4.3	
2010 Q4	12.6	-5.0	-5.6	-12.6	21.4	5.8	9.1	85.4	11.8	16.2	-6.7	7.8	9.1	
2011 Q1	-0.2	0.6	-5.1	-5.3	13.0	26.9	2.7	-34.1	12.3	8.8	0.3	4.3	2.7	
2011 Q2	3.8	-8.7	-4.0	-23.9	4.8	-2.2	1.2	-27.1	6.8	3.6	3.4	0.4	1.2	
2011 Q3	3.9	-6.4	-8.0	-30.9	0.6	-14.7	-0.5	-42.6	10.0	-0.7	0.1	3.4	-0.5	
2011 Q4	3.1	-6.6	-6.9	-23.1	4.5	-3.2	0.9	-45.4	12.8	2.7	6.1	2.3	0.9	
2012 Q1	12.2	-5.8	-9.4	-21.6	6.5	3.3	5.2	45.0	11.4	3.1	0.9	2.8	5.2	
2012 Q2	6.2	7.2	-8.1	-7.0	1.5	6.6	5.0	-19.1	7.0	0.6	11.4	4.4	5.0	
2012 Q3	3.2	-9.9	-6.5	-1.6	0.7	5.8	0.4	-22.9	-1.6	-0.1	4.0	1.1	0.4	
2012 Q4	8.8	-6.1	-6.6	-4.9	1.0	6.8	4.4	-0.5	0.2	0.3	10.4	4.3	4.4	
2013 Q1	0.0	-8.7	-8.3	11.0	0.9	12.5	-1.6	-44.2	-1.7	-0.6	0.1	4.6	-1.6	
2013 Q2	9.2	-7.2	-7.0	6.3	14.9	12.1	7.5	21.4	-0.3	11.9	9.3	5.1	7.5	
2013 Q3	8.9	6.7	-3.3	15.4	16.8	18.8	10.4	59.0	3.9	13.8	11.8	4.3	10.4	
2013 Q4	0.8	9.2	-3.2	30.8	13.1	23.1	5.6	4.6	-0.7	10.6	8.8	1.8	5.6	
2014 Q1	7.8	21.0	2.3	24.8	17.3	21.6	12.8	56.8	3.4	14.8	18.9	4.4	12.8	
2014 Q2	8.6	4.9	23.3	38.8	4.6	23.9	8.8	67.9	10.1	6.4	7.5	1.8	8.8	
2014 Q3	5.2	8.2	24.9	28.9	5.6	12.2	6.8	36.9	7.4	7.8	5.2	2.3	6.8	
2014 Q4	8.8	7.0	26.2	16.3	3.7	5.7	7.8	36.4	6.5	6.3	6.3	6.5	7.8	
2015 Q1	11.6	-1.3	18.0	11.9	1.3	4.2	6.6	85.5	1.4	3.8	6.9	-1.8	6.6	
2015 Q2	8.2	14.9	-9.8	-4.2	10.8	-6.9	7.8	6.1	-0.8	8.5	13.8	5.5	7.8	
2015 Q3	7.6	-0.3	-6.8	3.3	5.4	-0.8	4.9	-9.4	-0.9	3.8	11.1	4.3	4.9	
2015 Q4	11.0	-6.8	-11.4	5.6	8.1	7.6	6.9	18.6	7.0	5.4	9.8	0.4	6.9	
2016 Q1	7.2	-5.8	-7.3	-15.2	9.0	22.7	5.0	-2.7	6.0	6.6	4.2	6.7	5.0	
2016 Q2	10.1	1.3	13.3	54.0	1.2	12.2	7.5	35.2	13.6	2.4	5.7	3.3	7.5	
2016 Q3	11.0	9.8	3.2	-1.6	3.9	5.7	8.8	79.6	10.6	3.8	4.6	4.1	8.8	
2016 Q4	-0.3	9.4	7.6	5.3	5.9	3.8	2.6	-2.2	3.0	6.1	0.0	4.7	2.6	
2017 Q1	4.3	3.5	6.0	2.4	11.4	-23.0	3.6	-11.4	17.2	10.3	-0.4	-1.2	3.6	
2017 Q2	2.9	8.8	8.0	6.9	12.1	-28.5	3.1	-1.6	17.9	11.7	-5.9	-0.3	3.1	
2017 Q3	3.8	4.3	8.4	12.4	12.9	-26.6	3.3	-18.1	16.8	12.4	-1.5	0.2	3.3	
2017 Q4	7.2	6.5	-16.8	4.5	17.6	-30.1	5.5	-10.4	20.7	13.6	-1.6	1.8	5.5	
2018 Q1	1.5	4.0	-37.5	0.6	13.3	-1.8	2.7	-6.3	0.5	6.1	0.8	7.1	2.7	
2018 Q2	-1.0	-1.4	-58.4	-3.8	15.0	-3.6	0.7	-21.4	-3.1	7.6	-2.5	9.5	0.7	
2018 Q3	-0.7	6.4	-50.0	-2.9	13.7	-2.4	1.8	-30.4	-2.3	6.5	2.7	8.8	1.8	
2018 Q4	-0.2	3.7	-40.0	-1.0	6.5	-0.8	0.9	-18.9	-5.9	2.5	3.8	6.3	0.9	
2019 Q1	4.4	12.2	-7.0	-1.2	8.0	-0.7	6.2	-19.8	5.0	6.8	11.1	4.9	6.2	
2019 Q2	4.5	7.8	-7.1	-1.7	3.6	-1.2	4.3	2.5	-5.3	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)

G16

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million

SECTOR ⁶ ASSET ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	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	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
1997	111 451	15 433	1 623	451	25 561	7 556	162 077	12 697	41 465	27 184	49 486	31 245	162 077	
1998	121 048	17 079	1 632	370	26 410	7 897	174 437	14 098	41 569	28 042	56 105	34 621	174 437	
1999	123 445	17 875	1 529	522	28 830	10 004	182 204	14 737	42 360	30 389	59 315	35 404	182 204	
2000	132 377	18 285	1 421	479	31 612	11 063	195 233	13 330	48 987	33 089	62 167	37 663	195 233	
2001	134 059	21 766	2 387	813	32 832	12 075	203 930	15 253	48 783	35 310	66 364	38 220	203 930	
2002	132 968	23 758	2 837	1 194	38 956	13 388	213 105	16 365	48 363	41 877	66 822	39 679	213 105	
2003	131 095	26 288	3 509	1 472	43 701	13 500	219 566	15 115	44 723	47 370	69 993	42 364	219 566	
2004	124 999	31 853	3 235	1 720	50 368	16 110	228 283	14 297	43 809	53 718	72 966	43 492	228 283	
2005	146 230	20 298	3 574	1 410	54 099	17 275	242 883	13 676	45 298	57 719	79 335	46 856	242 883	
2006	141 770	36 455	4 048	1 659	55 735	21 833	261 507	16 481	47 142	59 792	90 209	47 882	261 507	
2007	154 293	38 515	3 897	1 481	58 145	23 346	279 677	16 363	48 842	62 045	100 889	51 539	279 677	
2008	152 365	46 856	6 536	951	52 018	18 562	277 288	14 741	48 643	58 569	99 445	55 889	277 288	
2009	131 474	50 732	8 845	589	39 294	15 278	246 211	14 531	40 938	48 140	86 206	56 396	246 211	
2010	134 779	50 536	8 600	625	42 267	16 378	253 187	18 121	41 495	50 862	82 292	60 418	253 187	
2011	138 405	48 287	8 081	496	44 522	16 029	255 822	11 144	45 889	52 595	84 201	61 992	255 822	
2012	148 891	46 155	7 454	447	45 533	16 955	265 435	11 146	47 718	53 102	89 544	63 925	265 435	
2013	155 667	45 659	7 035	521	50 827	19 854	279 564	11 321	47 827	57 862	96 113	66 441	279 564	
2014	167 496	50 905	8 300	655	54 545	22 805	304 707	16 730	51 036	62 845	105 159	68 935	304 707	
2015	183 577	51 158	8 130	687	58 084	22 988	324 623	20 202	51 960	66 214	115 924	70 324	324 623	
2016	195 976	52 418	8 362	725	60 904	25 310	343 694	24 623	56 103	69 319	120 020	73 630	343 694	
2017	204 945	55 290	8 464	773	69 191	18 417	357 080	22 064	66 328	77 655	117 290	73 743	357 080	
2018	204 701	57 144	4 567	759	77 449	18 019	362 639	17 731	64 476	82 018	118 831	79 583	362 639	
2019	211 550	62 170	4 609	757	80 595	17 980	377 661	18 000	63 329	85 204	128 914	82 214	377 661	

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

SECTOR ⁶ ASSET ⁵	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1	S.1	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	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
1998	8.6	10.7	0.6	-18.0	3.3	4.5	7.6	11.0	0.3	3.2	13.4	10.8	7.6	
1999	2.0	4.7	-6.3	41.1	9.2	26.7	4.5	4.5	1.9	8.4	5.7	2.3	4.5	
2000	7.2	2.3	-7.1	-8.2	9.6	10.6	7.2	-9.5	15.6	8.9	4.8	6.4	7.2	
2001	1.3	19.0	68.0	69.7	3.9	9.1	4.5	14.4	-0.4	6.7	6.8	1.5	4.5	
2002	-0.8	9.2	18.9	46.9	18.7	10.9	4.5	7.3	-0.9	18.6	0.7	3.8	4.5	
2003	-1.4	10.6	23.7	23.3	12.2	0.8	3.0	-7.6	-7.5	13.1	4.7	6.8	3.0	
2004	-4.7	21.2	-7.8	16.8	15.3	19.3	4.0	-5.4	-2.0	13.4	4.2	2.7	4.0	
2005	17.0	-36.3	10.5	-18.0	7.4	7.2	6.4	-4.3	3.4	7.4	8.7	7.7	6.4	
2006	-3.0	79.6	13.3	17.7	3.0	26.4	7.7	20.5	4.1	3.6	13.7	2.2	7.7	
2007	8.8	5.7	-3.7	-10.7	4.3	6.9	6.9	-0.7	3.6	3.8	11.8	7.6	6.9	
2008	-1.2	21.7	67.7	-35.8	-10.5	-20.5	-0.9	-9.9	-0.4	-5.6	-1.4	8.4	-0.9	
2009	-13.7	8.3	35.3	-38.1	-24.5	-17.7	-11.2	-1.4	-15.8	-17.8	-13.3	0.9	-11.2	
2010	2.5	-0.4	-2.8	6.1	7.6	7.2	2.8	24.7	1.4	5.7	-4.5	7.1	2.8	
2011	2.7	-4.5	-6.0	-20.6	5.3	-2.1	1.0	-38.5	10.6	3.4	2.3	2.6	1.0	
2012	7.6	-4.4	-7.8	-9.9	2.3	5.8	3.8	0.0	4.0	1.0	6.3	3.1	3.8	
2013	4.6	-1.1	-5.6	16.6	11.6	17.1	5.3	1.6	0.2	9.0	7.3	3.9	5.3	
2014	7.6	11.5	18.0	25.7	7.3	14.9	9.0	47.8	6.7	8.6	9.4	3.8	9.0	
2015	9.6	0.5	-2.0	4.9	6.5	0.8	6.5	20.8	1.8	5.4	10.2	2.0	6.5	
2016	6.8	2.5	2.9	5.5	4.9	10.1	5.9	21.9	8.0	4.7	3.5	4.7	5.9	
2017	4.6	5.5	1.2	6.6	13.6	-27.2	3.9	-10.4	18.2	12.0	-2.3	0.2	3.9	
2018	-0.1	3.4	-46.0	-1.8	11.9	-2.2	1.6	-19.6	-2.8	5.6	1.3	7.9	1.6	
2019	3.3	8.8	0.9	-0.3	4.1	-0.2	4.1	1.5	-1.8	3.9	8.5	3.3	4.1	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G1R

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ¹ ASSET ⁶	Sector								Asset						
	Public corporations ²				Private sector										
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL		Transport equipment S.1 AN.1131	ICT equipment and other machinery and equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114	Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	Intellectual property products S.1 AN.117	Total 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	0	0
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 Q1	0	0	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	0	0
2016 Q3	0	0	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	0	0
2017 Q1	0	0	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	0	0
2017 Q3	0	0	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	0	0
2018 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019 Q1	-28	-31	1	0	22	0	-36	2	-55	22	-4	-1	-36		
2019 Q2	-23	-83	1	0	75	-4	-34	8	-115	73	-8	8	-34		
2019 Q3	208	-84	1	0	4	-4	125	31	55	3	1	35	125		
2019 Q4	450	-173	8	0	120	113	518	25	182	128	-22	205	518		

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.

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

£ million (reference year = 2016)

[illegible]

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G3R

Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
	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	
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL	
	KG75	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2019 Q1	0.0	-0.2	0.1	0.0	0.1	0.0	0.0	0.0	-0.4	0.1	0.0	0.0	0.0	
2019 Q2	-0.1	-0.6	0.1	0.0	0.5	-0.1	0.0	0.2	-0.7	0.4	0.0	0.0	0.0	
2019 Q3	0.4	-0.6	0.1	0.0	0.0	-0.1	0.1	0.9	0.3	0.0	0.0	0.1	0.1	
2019 Q4	0.9	-1.2	0.8	0.0	0.6	2.6	0.6	0.6	1.2	0.7	-0.1	1.1	0.6	

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

2 Remaining investment by public corporations included within business investment

G4R

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, seasonally adjusted, level, annual

£ million (reference year = 2016)

Sector								Asset					
Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
1997	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	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	607	-371	11	0	221	105	573	66	67	226	-33	247	573

Percentage change, latest year on previous year

Seasonally adjusted

Chained Volume Measures

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2019	0.3	-0.7	0.3	0.0	0.3	0.6	0.2	0.4	0.1	0.3	-0.1	0.3	0.2	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G5R

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ¹			Private sector										
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Dwellings ² S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL
								Transport equipment S.1 AN.1131	ICT equipment and other machinery and equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114		buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116	buildings and structures and transfer costs ⁴ S.1 AN.112 AN.116		
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR	
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 Q2	0	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	0
2016 Q4	0	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	0
2017 Q2	0	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	0
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019 Q1	2	0	0	0	49	0	51	-3	9	50	-5	0	51	
2019 Q2	38	-49	1	0	86	-5	71	-5	-3	86	-40	33	71	
2019 Q3	184	-60	-1	0	-13	-4	106	10	35	-13	33	41	106	
2019 Q4	383	-262	11	0	99	114	345	64	26	103	-21	173	345	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G6R

Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

SECTOR ⁶ ASSET ⁶	Sector							Asset					
	Public corporations ²			Private sector									
	Business investment ¹ S.1NG	General Government S.13	Dwellings ³ S.11001	Costs of ownership transfer on non-produced assets S.11001	Dwellings ³ S.1PT	Costs of ownership transfer on non-produced assets S.1PT	Total S.1	Transport equipment S.1	ICT equipment and other machinery and equipment ⁵ S.1	Dwellings ³ S.1	Other buildings and structures and transfer costs ⁴ S.1	Intellectual property products S.1	Total S.1
	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q1	0.0	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 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019 Q1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	-0.1	0.1	0.3	-0.1	0.1	0.0
2019 Q2	0.0	-0.3	0.1	0.0	0.1	-0.1	0.0	0.0	-0.1	0.2	-0.1	0.1	0.0
2019 Q3	0.3	0.0	-0.4	0.0	-0.6	0.1	0.0	0.3	0.3	-0.6	0.3	0.0	0.0
2019 Q4	0.4	-1.5	1.2	0.0	0.6	2.6	0.2	1.3	-0.1	0.6	-0.2	0.7	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 (

G7R

Gross Fixed Capital Formation by sector and type of asset

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

£ million (reference year = 2016)

Sector										Asset					
Public corporations ²					Private sector										
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets			ICT equipment and other machinery and equipment ⁵		Other buildings and structures and transfer costs ⁴	Intellectual property products			
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	Total	Transport equipment	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
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL								
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0.						

G8R

Gross Fixed Capital Formation by sector and type of asset

Chained volume measure, not seasonally adjusted, level, annual

£ million (reference year = 2016)

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁵	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
1997	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	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	607	-371	11	0	221	105	573	66	67	226	-33	247	573

Percentage change, latest year on previous year

Not seasonally adjusted

Chained Volume Measures

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁵	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	NPEN	EQDN	L62M	L62N	L62K	L62L	NPQR	DLWJ	DLWM	DFDV	DLWQ	EQDT	NPQR
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.3	-0.7	0.3	0.0	0.3	0.6	0.2	0.4	0.1	0.3	-0.1	0.3	0.2

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

eg BUS INV = BUSINESS INVESTMENT

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

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

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										
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets		Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1101 AN.111	Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL	
			Dwellings ³ S.11001 AN.111	non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	non-produced assets S.1PT AN.116		Transport equipment S.1 AN.1131	equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114		transfer costs ⁴ S.1 AN.112 AN.116				
	NPEK	RP2G	L62R	L62S	L62T	L62U	NPQS		TLPX	TLPW	GGAE	EQED	TLPK	NPQS	
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q2	0	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	0	
2016 Q4	0	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	0	
2017 Q2	0	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	0	
2017 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019 Q1	4	-29	0	0	45	-1	19	12	-17	46	-19	-3	19		
2019 Q2	-12	-80	1	0	61	-4	-34	17	-104	61	-19	11	-34		
2019 Q3	119	-119	4	0	34	-5	33	36	2	36	-39	-2	33		
2019 Q4	560	-193	11	-1	170	119	666	24	186	176	130	150	666		

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

G10R

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁶ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹ S.1MG BUS INV	General Government S.13 TOTAL	Dwellings ³ S.11001 AN.111	Costs of ownership transfer on non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	Costs of ownership transfer on non-produced assets S.1PT AN.116	Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵			Other buildings and structures transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL
								Transport equipment S.1 AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116			
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W	
1997 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q1	0.0	0.0	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 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Q1														

G11R

Gross Fixed Capital Formation by sector and type of asset

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

£ million

SECTOR ⁵ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ¹	General Government	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets		Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	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	AN.1131	S.1 AN.1132 AN.1139 AN.115 AN.114	S.1 AN.111	S.1 AN.112 AN.116	S.1 AN.117	S.1 TOTAL	
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76	
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2016 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2018 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2019 Q1	0.0	-0.3	0.0	0.0	0.3	0.0	0.0	0.2	-0.1	0.3	-0.1	0.0	0.0	
2019 Q2	0.0	-0.6	0.1	0.0	0.3	-0.1	-0.1	0.4	-0.6	0.3	-0.1	0.1	-0.1	
2019 Q3	0.2	-0.8	0.4	0.0	0.2	-0.1	0.1	0.9	0.0	0.2	-0.2	0.0	0.1	
2019 Q4	1.1	-1.3	1.0	-0.5	0.9	2.7	0.7	0.5	1.2	0.9	0.5	0.8	0.7	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

G12R

Gross Fixed Capital Formation by sector and type of asset

Current price, seasonally adjusted, level, annual

£ million

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁵	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	671	-421	16	-1	310	109	684	89	67	319	53	156	684

Percentage change, latest year on previous year

Seasonally adjusted

Current Prices

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁵	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.3	-0.7	0.3	-0.2	0.4	0.6	0.1	0.5	0.1	0.4	0.1	0.2	0.1

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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									
	Business investment ¹ S.1NG BUS INV	General Government S.13 TOTAL	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets		Total S.1 TOTAL	ICT equipment and other machinery and equipment ⁵		Dwellings ³ S.1 AN.111	Other buildings and structures and transfer costs ⁴		Intellectual property products S.1 AN.117	Total S.1 TOTAL
			Dwellings ³ S.11001 AN.111	non-produced assets S.11001 AN.116	Dwellings ³ S.1PT AN.111	non-produced assets S.1PT AN.116		Transport equipment S.1 AN.1131	equipment ⁵ S.1 AN.1132 AN.1139 AN.115 AN.114		transfer costs ⁴ S.1 AN.112 AN.116			
	NPBM	NNBF	LSYQ	LSZL	LSZQ	LSZR	NPQX	DLWZ	DLXI	DFDK	EQEC	DLXP	NPQX	
1997 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1997 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2001 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016 Q1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q3	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Q4	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019 Q1	-1	0	0	0	54	0	53	-3	8	54	-6	0	53	
2019 Q2	0	-59	0	0	71	-5	7	-4	-3	70	-56	0	7	
2019 Q3	120	-76	2	-1	29	-6	68	12	10	32	7	7	68	
2019 Q4	552	-286	14	0	156	120	556	84	52	163	108	149	556	

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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

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

[illegible]

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

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)

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

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

G15R Gross Fixed Capital Formation by sector and type of asset

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

€ million

SECTOR ¹ ASSET ⁶	Sector							Asset						
	Public corporations ²				Private sector									
	Business investment ²	General Government	Costs of ownership transfer on non-produced assets		Costs of ownership transfer on non-produced assets		Total	ICT equipment and other machinery and equipment ⁵		Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total	
			Dwellings ³	S.11001	S.11001	S.1PT		S.1PT	S.1					S.1
S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	Transport equipment	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		
1998 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1998 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1998 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1998 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1999 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1999 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1999 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1999 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2000 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2000 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2000 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2000 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2001 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2001 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2001 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2001 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2002 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2002 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2002 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2002 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2003 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2003 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2003 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2003 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2004 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2004 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2004 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2004 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2005 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2005 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2005 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2005 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2006 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2006 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2006 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2006 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2007 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2007 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2007 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2007 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2008 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2008 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2008 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2008 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2009 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2009 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2009 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2009 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2010 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2010 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2010 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2010 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2011 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2011 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2011 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2011 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2012 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2012 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2012 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2012 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2013 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2013 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2013 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2013 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2014 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2014 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2014 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2014 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2015 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2015 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2015 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2016 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2016 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2016 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2016 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2017 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2017 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2017 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2017 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2018 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2018 Q2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2018 Q3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2018 Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2019 Q1	0.0	0.0	0.0	0.0	0.3	0.0	0.1	-0.1	0.1	0.3	0.0	0.1		
2019 Q2	0.0	-0.6	0.0	0.0	0.3	-0.1	0.0	-0.1	-0.1	0.3	-0.2	0.0		
2019 Q3	0.2	-0.6	0.2	-0.5	0.1	-0.1	0.1	0.3	0.0	0.2	0.1	0.1		
2019 Q4	1.1	-2.1	1.3	0.0	0.8	2.5	0.6	2.0	0.3	0.8	0.4	0.8		

G16R

Gross Fixed Capital Formation by sector and type of asset

Current price, not seasonally adjusted, level, annual

£ million

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
	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	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	671	-421	16	-1	310	109	684	89	67	319	53	156	684

Percentage change, latest year on previous year

Not seasonally adjusted

Current Prices

	Sector							Asset					
	Public corporations ²				Private sector								
	Business investment ¹	General Government	Dwellings ³	Costs of ownership transfer on non-produced assets	Dwellings ³	Costs of ownership transfer on non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ⁵	Dwellings ³	Other buildings and structures and transfer costs ⁴	Intellectual property products	Total
SECTOR ⁶	S.1NG	S.13	S.11001	S.11001	S.1PT	S.1PT	S.1	S.1	S.1	S.1	S.1	S.1	S.1
ASSET ⁶	BUS INV	TOTAL	AN.111	AN.116	AN.111	AN.116	TOTAL	AN.1131	AN.1132 AN.1139 AN.115 AN.114	AN.111	AN.112 AN.116	AN.117	TOTAL
1998	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.3	-0.7	0.3	-0.2	0.4	0.6	0.1	0.5	0.1	0.4	0.1	0.2	0.1

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

2 Remaining investment by public corporations included within business investment

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

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

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

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

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

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